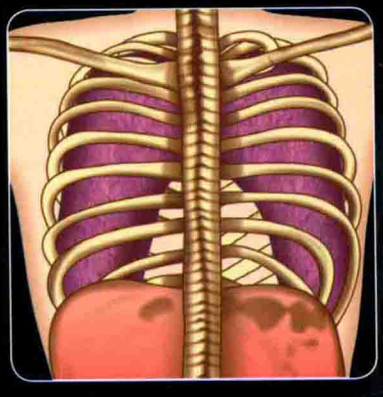
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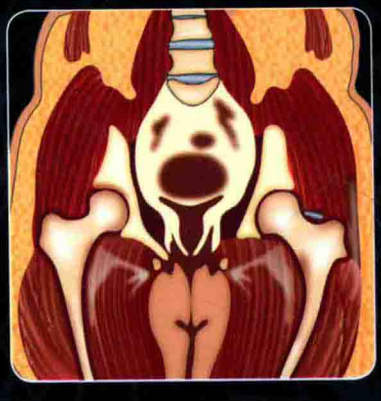
CT与MRI断层解剖速查图谱

著 者 Govind Chavhan
Bhavin Jankharia

主 译 麻增林







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内容提要

人体断层解剖是当今医学影像诊断工作中最基础、最重要的组成部分。本图谱精选全身CT、MRI断层图像400余幅，为更好地理解和记忆，每幅影像图均配有电脑绘制的模拟彩图，并标注重点组织结构的解剖学名称，使读者记忆更加快速有效。书中还介绍了一些重点血管造影图像和三维重建图像。本图谱为放射科医师撰写影像诊断报告提供快速参考，同时适合放射科实习医师、医学生以及临床医务人员阅读参考。

中文版序

19世纪90年代德国物理学家威廉·康拉德·伦琴发现了一种可以穿透人体的X射线，随着他拍摄出第一张人类手部X线片，医学影像学作为一门新兴的医学学科正式诞生。至今，医学影像学已发展了百余年的时间，从最初的单一平面X线摄影成像到现在可以多角度重建观察的CT及多角度成像的MRI影像，从最初对疾病形态学的展现到当今可以对疾病进行功能学观察的分子影像学，医学影像学的内涵和范围在不断加深和扩展，在现代诊疗活动中的作用也日趋重要。每一位临床医师和医学生，无论是西医还是中医学专业，都应该掌握扎实的医学影像学知识，才能对疾病做出更加审慎的诊断和更加精准的治疗。

《老子》云："合抱之木，生于毫末；九层之台，起于垒土。"任何一门学科的学习，都是从基础开始的。医学影像学的基础是对影像断层图像的准确识别，当前关于影像断层解剖学的书目很多，但大多是常规的罗列影像学图像与标注注解，受图片质量和标注准确性的影响，阅读者特别是医学影像学入门者，很难对注解的解剖结构在影像图像上"对号入座"，无法进行更深入的学习和掌握。

为此，北京中医药大学第三附属医院（第三临床医学院）放射科主任麻增林教授率领他的团队翻译了加拿大学者Govind Chavhan和印度学者Bhavin Jankharia合编的《CT与MRI断层解剖速查图谱》（*CROSS SECTIONAL ANATOMY CT & MRI*）一书。麻增林主任和他的团队拥有多年的影像学诊断工作经验及对中医、西医大学本科、研究生的医学影像学教学经验，他们熟识影像断层解剖知识，对中医、西医临床医师掌握影像知识的需求十分了解，并深谙教育之道。此次翻译的《CT与MRI断层解剖速查图谱》一书，正是为医学影像学学生、研究生及相关中医、西医临床专业医师甄选的较为合适的教学书、工具书。本书图片精美、图像分辨率高，相关解剖结构标注清晰，并配有线图对标注进行进一步准确的说明，使阅读者对影像图像解剖一目了然，是一本快速入门的教学书，也是一本方便实用的临床工作用书。

作为麻增林教授的同事，有幸较早品读该著作，很高兴能有这样一本适合中医学、西医学学生和医师阅读的影像学专著被介绍到我国；我十分欣慰麻增林主任和他年轻的学者团队用如此高涨的工作热情和认真的工作态度为祖国医学事业增砖添瓦，做出贡献。

是为此序。

北京中医药大学第三附属医院院长

刘金民　教授

2014年7月11日

前　言

断层图像(如 CT、MRI)是医学影像学的主要组成部分。放射科医师在解读这些图像时,需要具备详尽的人体解剖学知识,然而解剖学知识量巨大,难以识记。我们试图通过这本断层解剖图谱为放射科医师在书写报告时提供快速参考,同时本书也将对放射科实习医师以及需要理解人体解剖学的人们提供帮助。

本书全身 CT、MRI 图像均提供横断位、冠状位、矢状位三个断面的图像,为更好地理解解剖,本书同时配有彩图,并标注各组织结构的名称。本书也对 CT、MRI 血管造影图像上各血管的所有分支进行了标注。

在互联网和"谷歌教授"的时代,任何知识都是可以从网络上获得的,但我们仍然希望本图谱能够为放射科医师出具诊断报告时提供方便快捷的参考。

您的建议、评论和要求都会帮助本书更加完善,欢迎发送电子邮件至 k. space@yahoo. com。

祝您工作愉快!

Govind Chavhan
Bhavin Jankharia

致　谢

笔者对以下人员表示由衷的感谢：

·本图谱高分辨率 CT、MRI 图像来自于孟买 Jankharia 影像中心。感谢 Jankharia 影像中心工作组所有成员的帮助。

·感谢 Reshma Dalvi(放射学顾问，印度果阿邦)对上肢、下肢章节的特殊贡献。

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·感谢 Tarun Duneja 先生(出版社社长)和他的工作组为本书提供出色的彩图。

献　词

谨以此书献给：
我的妻子 Barakha 和儿子 Yash，
感谢你们给予我的爱、支持和时间

——Govind Chavhan

谨以此书献给：Sana、Sach、Bijal 和我的父母，
感谢你们给予我的大力支持

——Bhavin Jankharia

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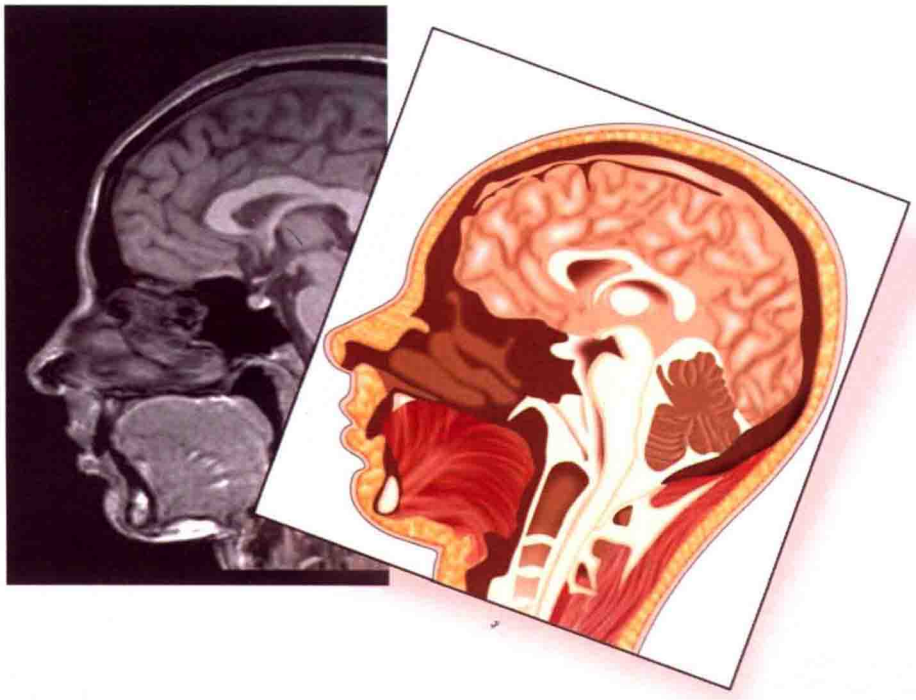
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Section 1

第一篇



头 颈 部

Head and Neck

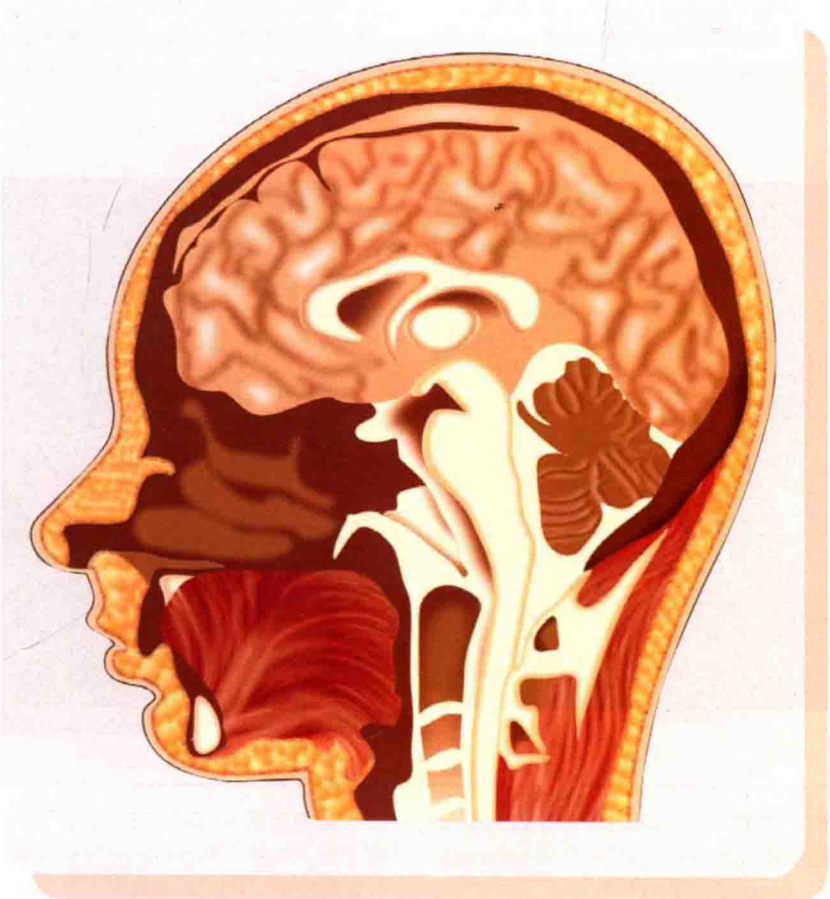
- 头部 Brain
- 眼眶 Orbit
- 周围神经系统及颅底 PNS and Skull Base
- 颞骨及颞下颌关节 Temporal Bones and TM Joint
- 颈部 Neck

CHAPTER 1

第1章

Brain

头　部



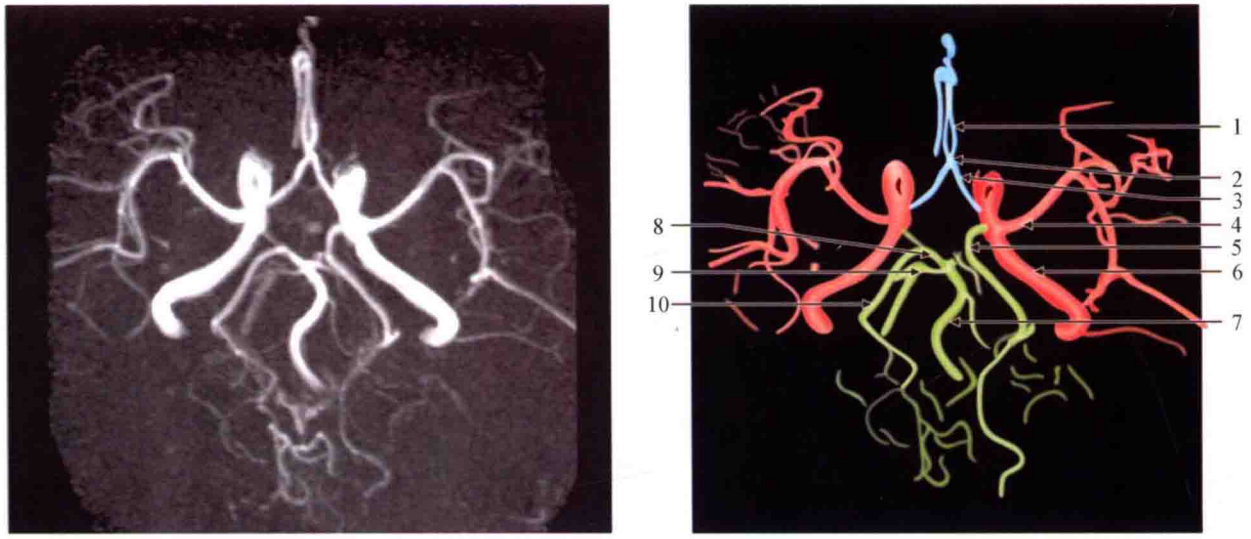


图1-1

1. 大脑前动脉 A2 段　A2, anterior cerebral artery
2. 前交通动脉　Anterior communicating artery
3. 大脑前动脉 A1 段　A1 ACA
4. 大脑中动脉 M1 段　M1, Middle cerebral artery
5. 后交通动脉　Posterior communicating artery
6. 颈内动脉　Internal carotid artery
7. 基底动脉　Basilar artery
8. 大脑后动脉 P1 段　P1, PCA
9. 小脑上动脉　Superior cerebral artery
10. 大脑后动脉 P2 段　P2, Posterior cerebral artery

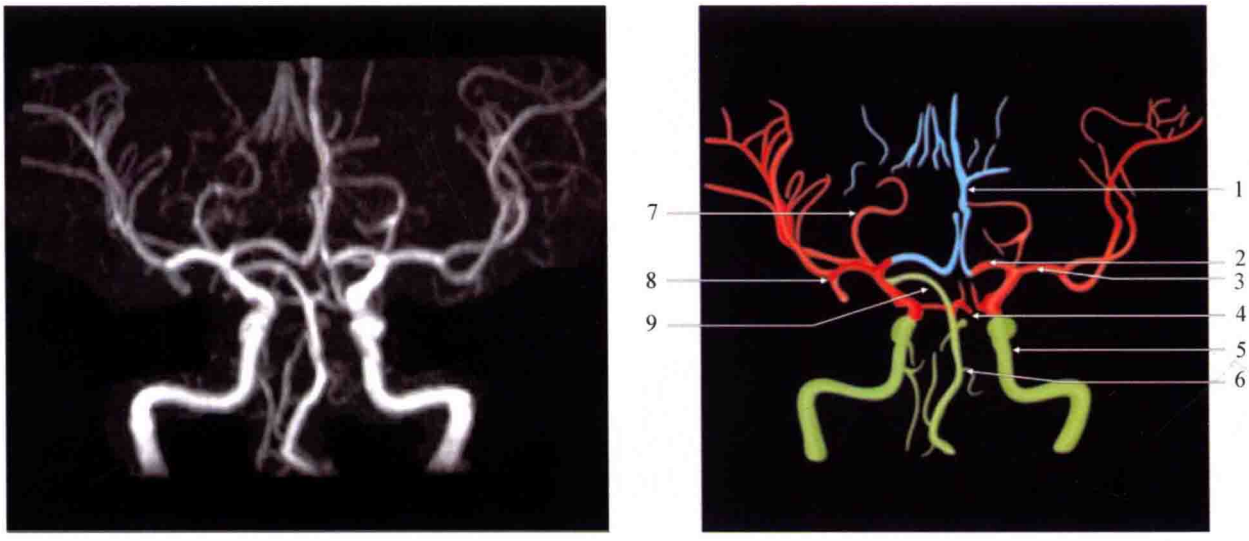
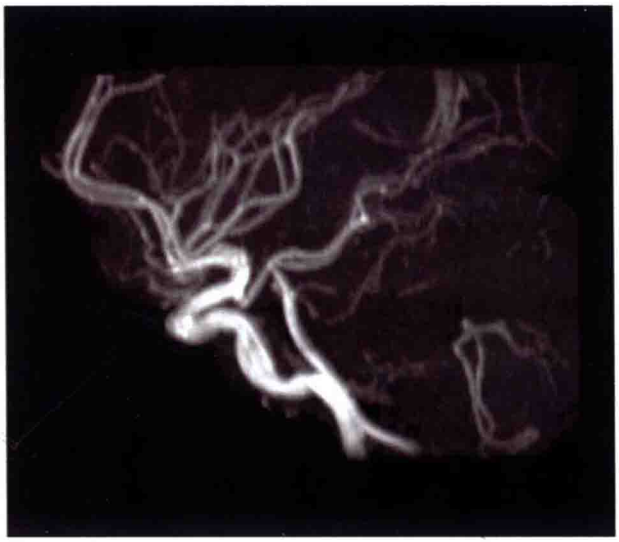


图1-2

1. 大脑前动脉 A2 段　A2, anterior cerebral artery
2. 大脑前动脉 A1 段　A1, ACA
3. 大脑中动脉 M1 段　M1, middle cerebral artery
4. 小脑上动脉　Superior cerebellar artery
5. 颈内动脉　Internal carotid artery
6. 基底动脉　Basilar artery
7. 大脑后动脉　PCA
8. 大脑中动脉膝部　MCA, genu
9. 大脑后动脉　Posterior cerebral artery



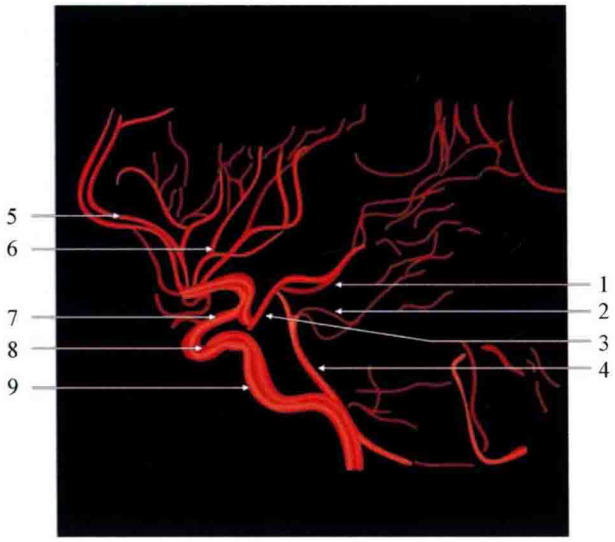


图1-3

1. 大脑后动脉 Posterior cerebral artery
2. 小脑上动脉 Superior cerebellar artery
3. 后交通动脉 Posterior communicating artery
4. 基底动脉 Basilar artery
5. 大脑前动脉 Anterior cerebral artery
6. 大脑中动脉 Middle cerebral artery
7. 颈内动脉床突上段 ICA, supraclinoid
8. 颈内动脉海绵窦段 ICA, cavernous
9. 颈内动脉岩段 Internal carotid artery, petrous part



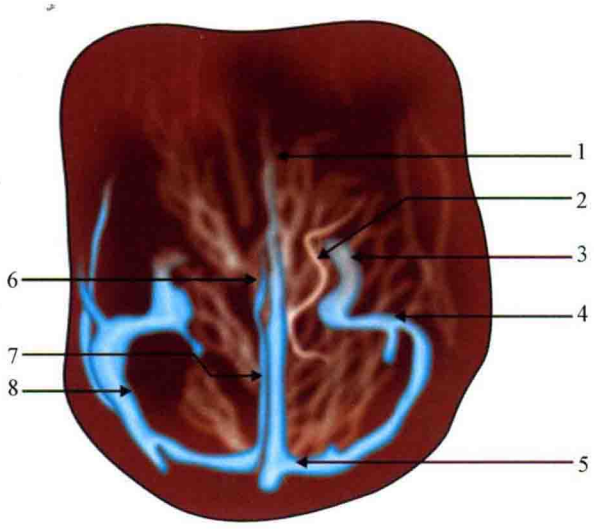


图1-4

1. 上矢状窦 Superior sagittal sinus
2. 基底静脉 Basal vein of Rosenthal
3. 颈内静脉 Internal jugular vein
4. 乙状窦 Sigmoid sinus
5. 窦汇 Torcular herophili
6. 大脑内静脉 Internal cerebral vein
7. 直窦 Straight sinus
8. 横窦 Transverse sinus

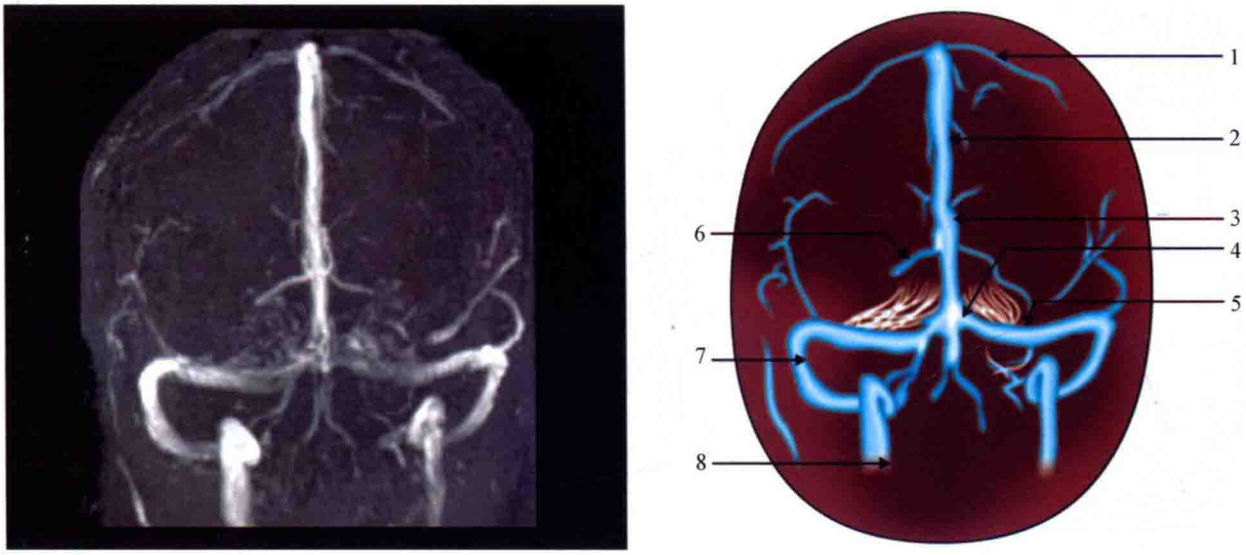


图1-5

1. 皮质静脉 Cortical veins
2. 上矢状窦 Superior sagittal sinus
3. 大脑内静脉 Internal cerebral vein
4. 窦汇 Torcular herophili
5. 横窦 Transverse sinus
6. 基底静脉 Basal vein of Rosenthal
7. 乙状窦 Sigmoid sinus
8. 颈内静脉 Internal jugular vein

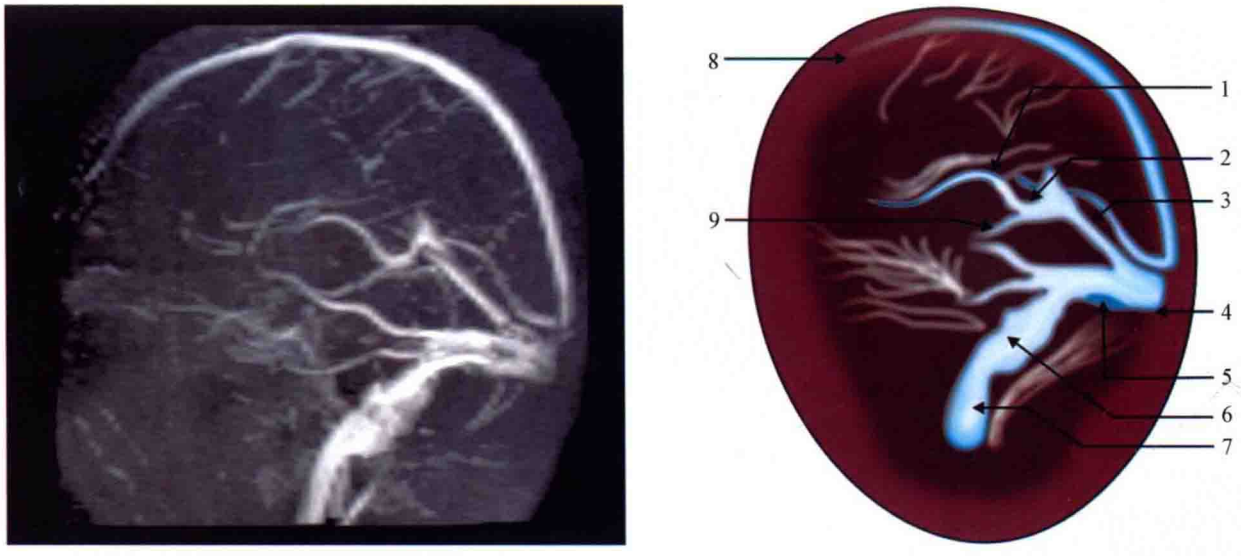
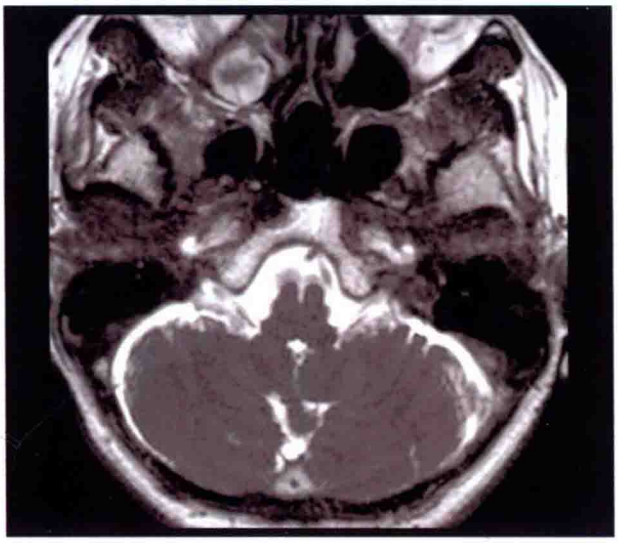


图1-6

1. 大脑内静脉 Internal cerebral vein
2. 盖伦静脉 Vein of Galen
3. 直窦 Straight sinus
4. 窦汇 Torcular herophili
5. 横窦 Transverse sinus
6. 乙状窦 Sigmoid sinus
7. 颈内静脉 Internal jugular vein
8. 上矢状窦 Superior sagittal sinus
9. 基底静脉 Basal vein of Rosenthal



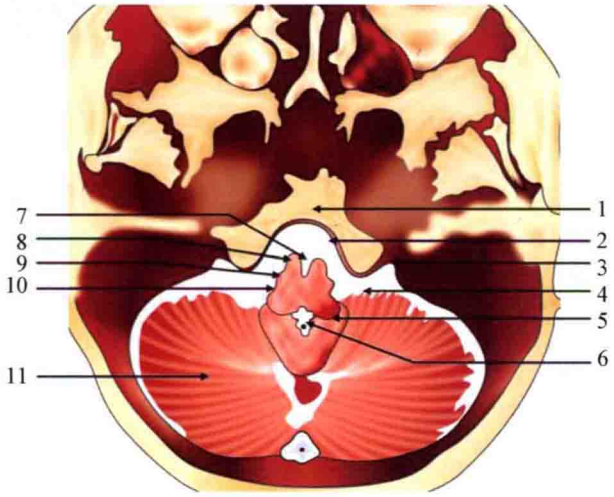
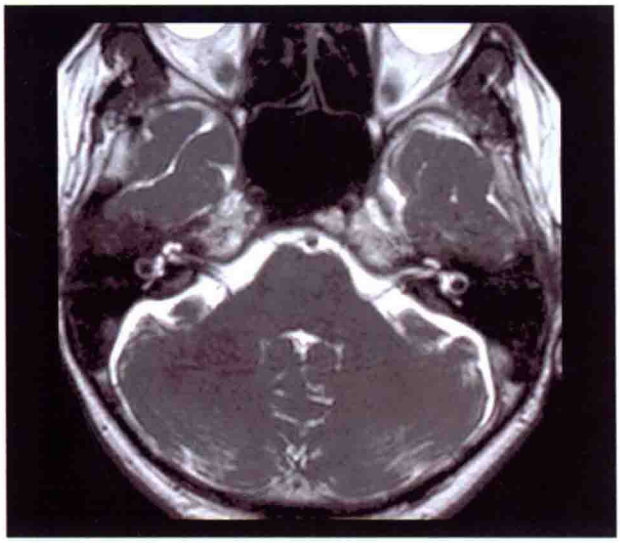


图1-7

1. 斜坡 Clivus
2. 左侧椎动脉 Left vertebral artery
3. 颈静脉孔 Jugular foramen
4. 第Ⅸ、Ⅹ、Ⅺ脑神经 Ⅸ、Ⅹ、Ⅺ cranial nerves
5. 绳状体 Restiform body
6. 闩 Obex
7. 前正中沟 Anterior median sulcus
8. 锥体 Pyramid
9. 橄榄 Olive
10. 橄榄后沟 Postolivary sulcus
11. 小脑 Cerebellum



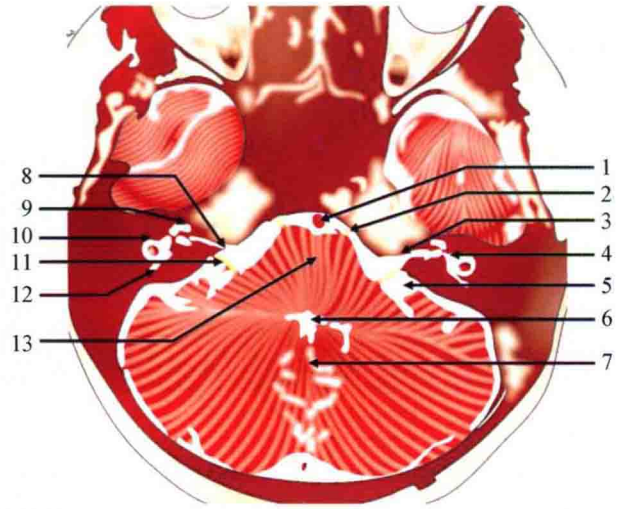
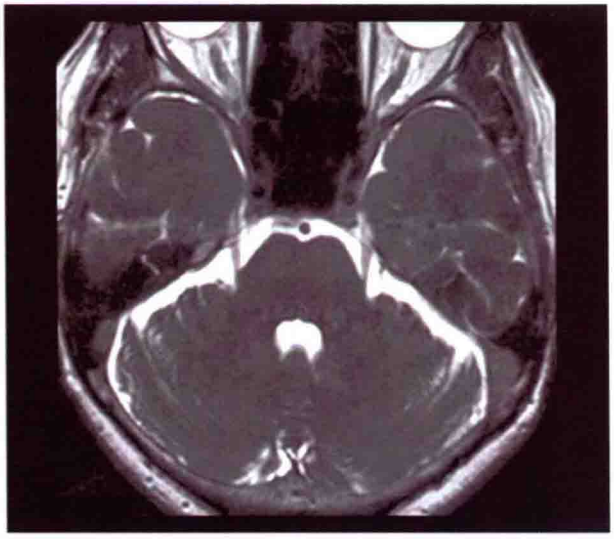


图1-8

1. 基底动脉 Basilar artery
2. 展神经 Abducent nerve
3. 内听道 Internal auditory canal
4. 前庭 Vestibule
5. 脑桥小脑脚池 CP angle cistern
6. 第四脑室 Fourth ventricle
7. 小脑蚓 Vermis
8. 面神经 Facial nerve
9. 耳蜗 Cochlea
10. 外骨半规管 Lateral semicircular canal
11. 前庭神经 Vestibular nerve
12. 后骨半规管 Posterior semicircular canal
13. 脑桥 Pons



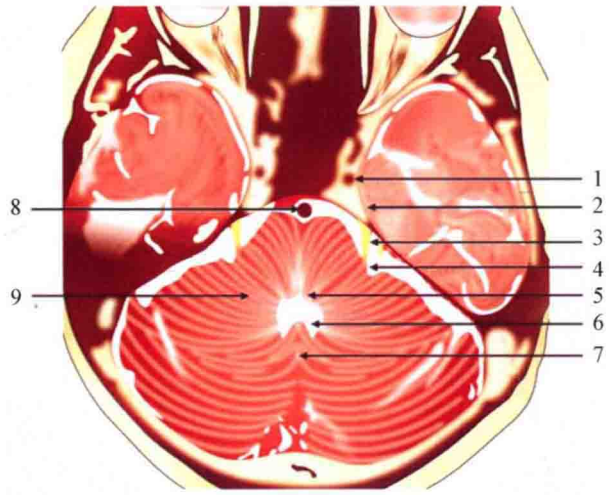
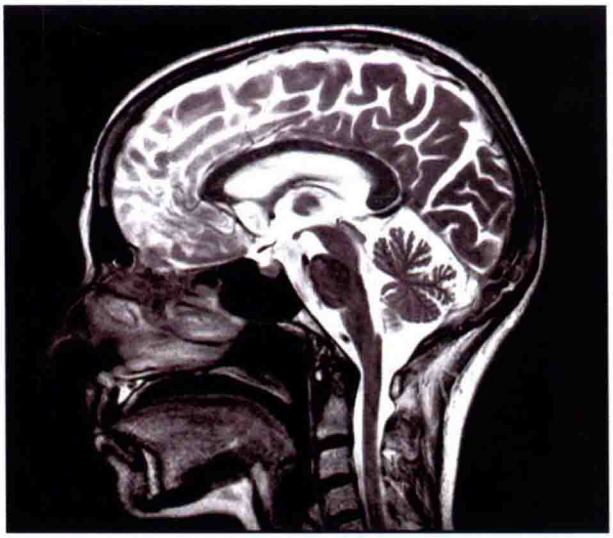


图1-9

1. 颈内动脉 ICA
2. 梅克尔腔 Meckel's cave
3. 三叉神经 Trigeminal nerve
4. 三叉神经入脑干区 Root entry zone
5. 面神经丘 Facial colliculus
6. 第四脑室 Fourth ventricle
7. 小脑蚓部 Vermis
8. 基底动脉 Basilar artery
9. 小脑中脚 Middle cerebellar peduncle



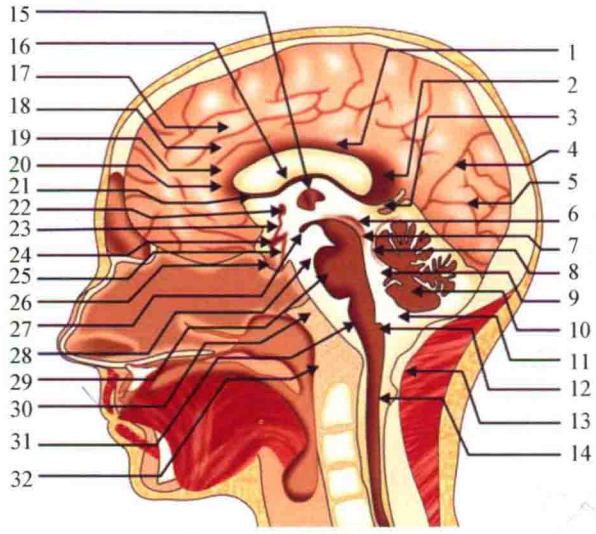


图1-10

1. 胼胝体干 Corpus callosum body
2. (胼胝体) 压部 Splenium
3. 大脑大静脉 Vein of Galen
4. 顶枕沟 Parieto-occipital sulcus
5. 距状沟 Calcarine sulcus
6. 中脑顶盖 Tectum
7. 中脑水管 Aqueduct of sylvius
8. 上髓帆 Superior medullary velum
9. 第四脑室 Fourth ventricle
10. 小脑 Cerebellum
11. 小脑扁桃体 Cerebellar tonsil
12. 闩 Obex
13. 寰椎后结节 Posterior tubercle,C1
14. 脊髓 Spinal cord
15. 中间块，丘脑 Massa intermedia,thalamus
16. 穹窿 Fornix
17. 扣带沟 Cingulate sulcus
18. 扣带回 Cingulate gyrus
19. 胼胝体周围沟 Pericallosal sulcus
20. 胼胝体膝 Genu,corpus callosum
21. 胼胝体嘴 Rostrum, corpus callosum
22. 前连合 Anterior commissure
23. 前板 Anterior lamina
24. 视交叉 Optic chiasm
25. 垂体柄 Pituitary stalk
26. 腺垂体 Pituitary gland
27. 乳头体 Mammillary body
28. 基底动脉 Basilar artery
29. 脑桥 Pons
30. 斜坡 Clivus
31. 延髓 Medulla oblongata
32. 寰椎前结节 Anterior tubercle C1



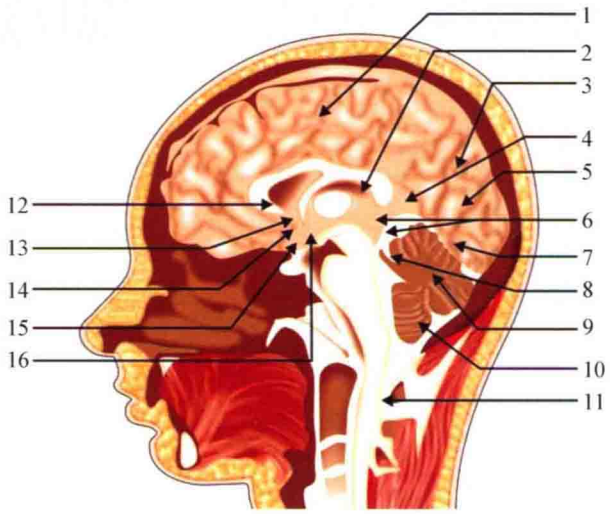


图1-11

1. 扣带沟 Cingulate sulcus
2. 大脑内静脉 Internal cerebral vein
3. 顶枕沟 Parieto-occipital sulcus
4. 小脑上池 Superior cerebellar cistern
5. 距状沟 Calcarine sulcus
6. 上丘、下丘 Superior,inferior colliculi
7. 直窦 Straight sinus
8. 上髓帆 Superior medullary velum
9. 小脑蚓 Vermis
10. 小脑扁桃体 Tonsil
11. 脊髓 Spinal cord
12. 胼胝体嘴 Rostrum
13. 前连合 Anterior commissure
14. 终板 Lamina terminalis
15. 灰结节 Tuber cinereum
16. 第三脑室视交叉隐窝、漏斗隐窝 Third ventricle chiasmatic,infundibular recesses



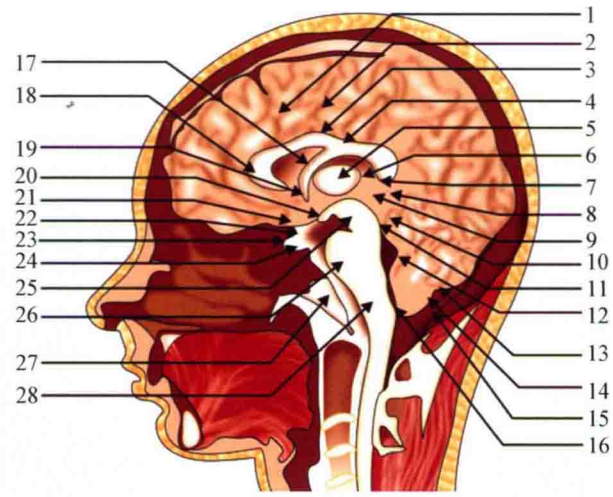


图1-12

1. 扣带回 Cingulate gyrus
2. 扣带沟 Cingulate sulcus
3. 胼胝体周围沟 Pericallosal sulcus
4. 胼胝体 Corpus callosum
5. 丘脑中间块 Massa intermedia
6. 丘脑髓纹 Stria medullaris thalami
7. 缰连合 Habenular commissure
8. 松果体 Pineal gland
9. 后连合 Posterior commissure
10. 中脑顶盖 Tectum-midbrain
11. 中脑水管 Aqueduct of sylvius
12. 第四脑室 Fourth ventricle
13. 小脑蚓 Vermis
14. 小脑扁桃体 Tonsil
15. 小脑延髓池 Cisterna magna
16. 第四脑室正中孔 Foramen of Magendie
17. 穹窿 Fornix
18. 胼胝体膝 Genu
19. 前连合 Anterior commissure
20. 乳头体 Mammillary body
21. 视交叉 Optic chiasm
22. 垂体柄 Pituitary stalk
23. 垂体前叶 Anterior pituitary
24. 垂体后叶 Posterior pituitary
25. 中脑 Midbrain
26. 脑桥 Pons
27. 枕骨斜坡 Clivus
28. 延髓 Medulla oblongata



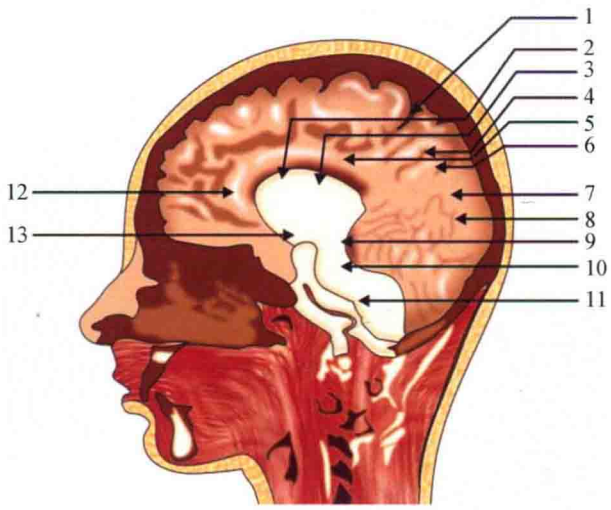


图1-13

1. 扣带沟 Cingulate sulcus
2. 尾状核 Caudate nucleus
3. 丘脑 Thalamus
4. 楔前叶 Precuneus
5. 侧脑室 Lateral ventricle
6. 顶枕沟 Parieto-occipital sulcus
7. 楔叶 Cuneus
8. 距状沟 Calcarine sulcus
9. 大脑脚 Cerebral peduncle
10. 小脑中脚 Middle cerebellar peduncle
11. 小脑半球 Cerebellar hemisphere
12. 胼胝体膝 Genu
13. 视束 Optic tract



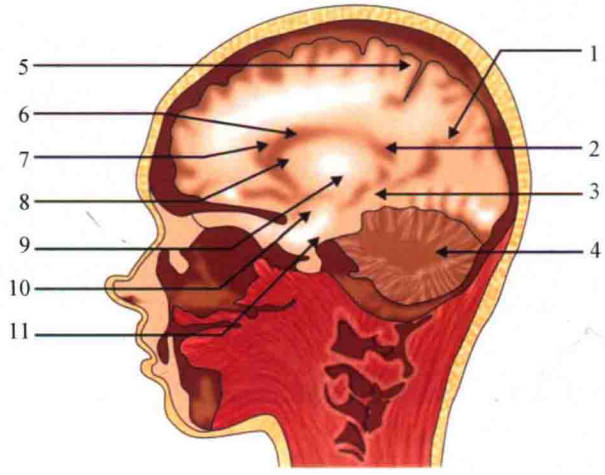


图1-14

1. 顶枕沟 Parieto-occipital sulcus
2. 侧脑室三角区 Atrium of lateral ventricle
3. 海马旁回 Parahippocampal gyrus
4. 大脑半球 Cerebellar hemisphere
5. 扣带沟，边缘支 Cingulate sulcus, marginal branch
6. 尾状核体 Caudate nucleus body
7. 侧脑室 Lateral ventricle
8. 内囊 Internal capsule
9. 丘脑 Thalamus
10. 钩 Uncus
11. 三叉神经 Trigeminal nerve



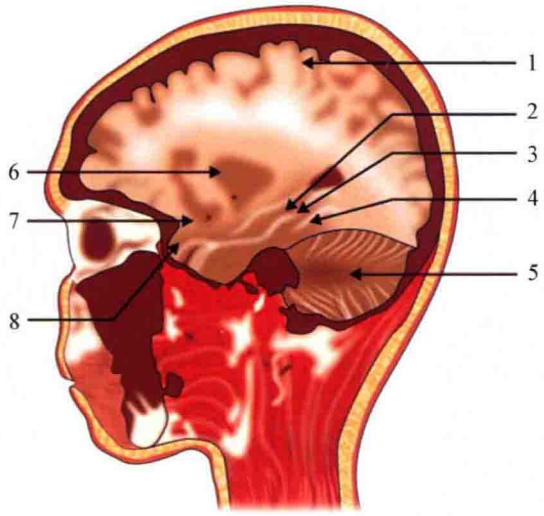
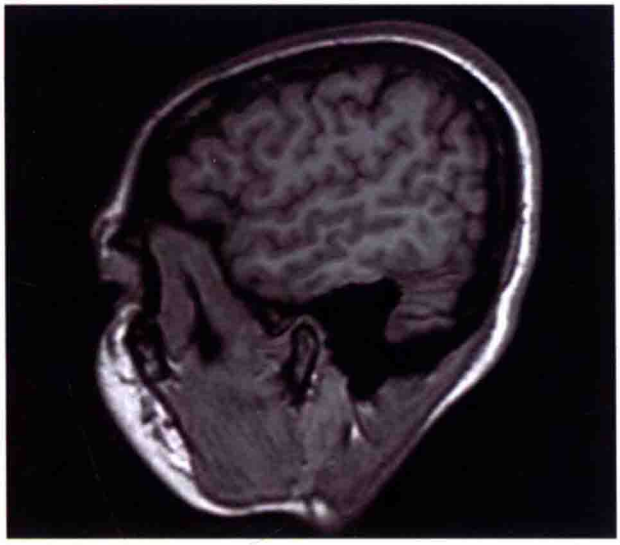


图1-15

1. 中央沟 Central sulcus
2. 海马 Hippocampus
3. 海马旁回 Parahippocampal gyrus
4. 枕颞回 Occipitotemporal gyrus
5. 小脑半球 Cerebellar hemisphere
6. 壳核 Putamen
7. 外侧沟干 Stem of lateral sulcus
8. 颞上回 Superior temporal gyrus



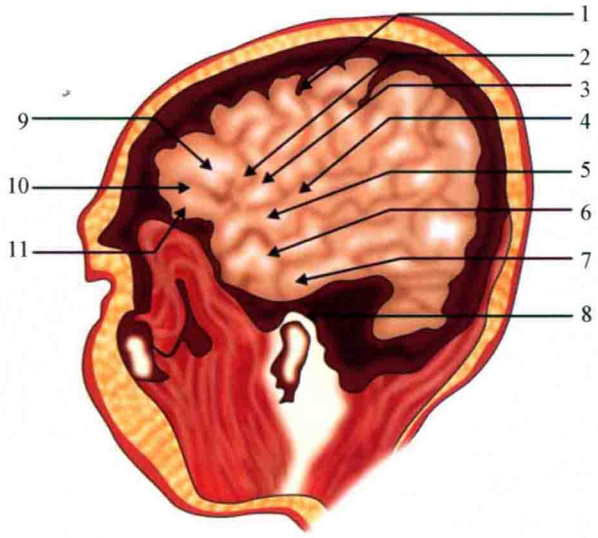
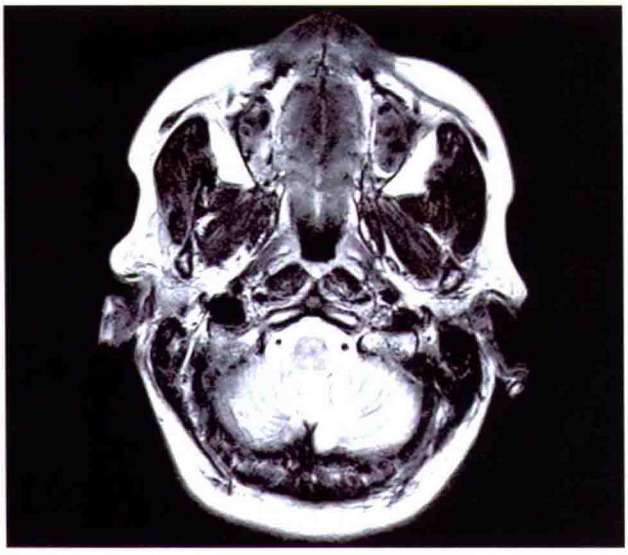


图1-16

1. 中央沟 Central sulcus
2. 外侧沟升支 Ascending ramus-lateral sulcus
3. 岛盖部 Pars opercularis
4. 外侧沟 Lateral sulcus
5. 颞上回 Superior temporal gyrus
6. 颞中回 Middle temporal gyrus
7. 颞下回 Inferior temporal gyrus
8. 颞下颌关节 TM joint
9. 三角部 Pars triangularis
10. 外侧沟前支 Anterior ramus-lateral sulcus
11. 眶部 Pars orbitalis



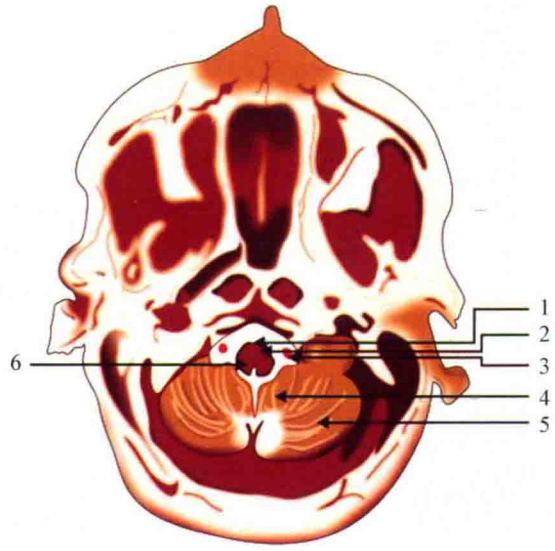
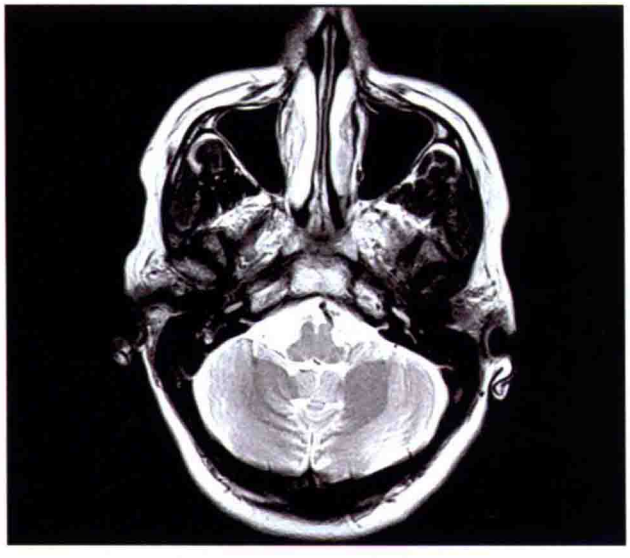


图1-17

1. 延髓正中沟 Median sulcus of medulla
2. 锥体 Pyramid
3. 椎动脉 Vertebral artery
4. 小脑扁桃体 Tonsil
5. 小脑 Cerebellum
6. 延髓 Medulla



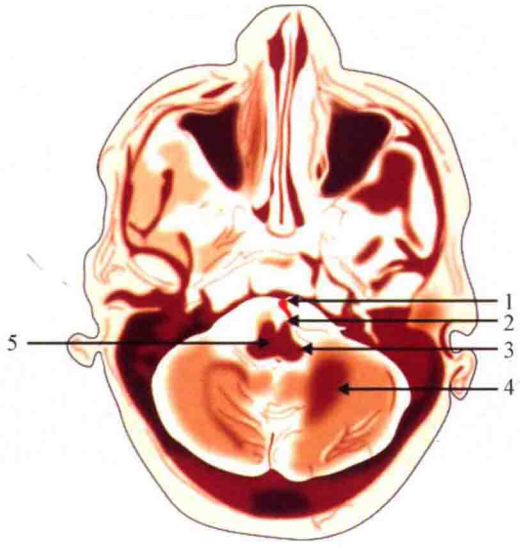
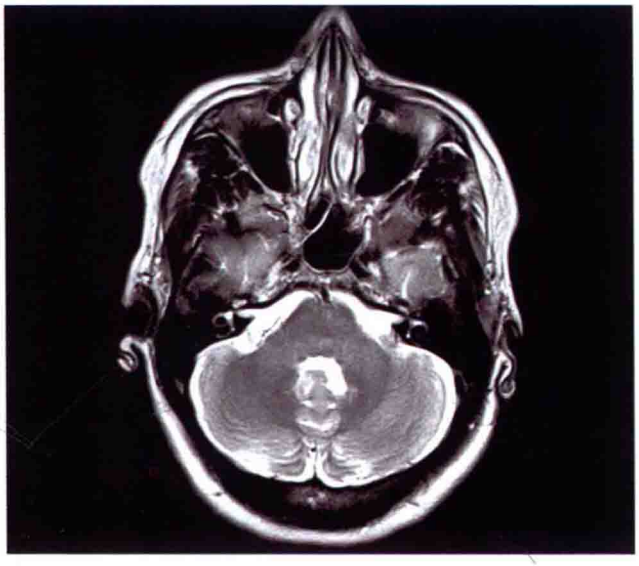


图1-18

1. 基底动脉 Basilar artery
2. 锥体 Pyramid
3. 小脑下脚 Inferior cerebellar peduncle
4. 小脑白质 Cerebellar white matter
5. 延髓 Medulla



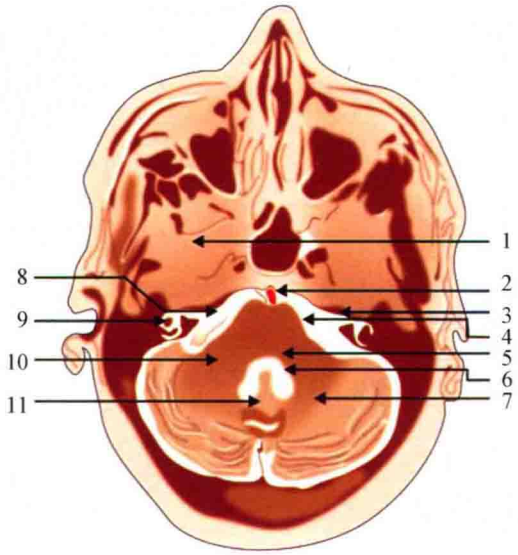
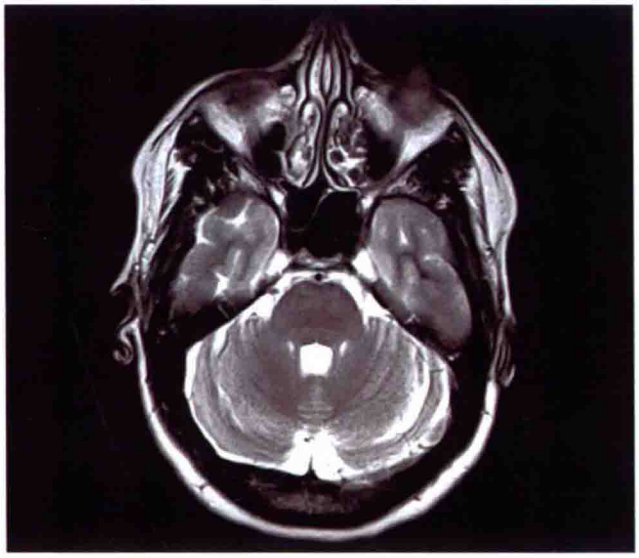


图1-19

1. 颞叶 Temporal lobe
2. 基底动脉 Basilar artery
3. 内听道 Internal auditory canal
4. 脑桥 Pons
5. 内侧纵束 Medial longitudinal fasciculus
6. 第四脑室 Fourth ventricle
7. 小脑白质 Cerebellar white matter
8. 小脑脑桥池 Cerebellopontine cistern
9. 半规管 Semicircular canals
10. 小脑中脚 Middle cerebellar peduncle
11. 小脑蚓 Vermis



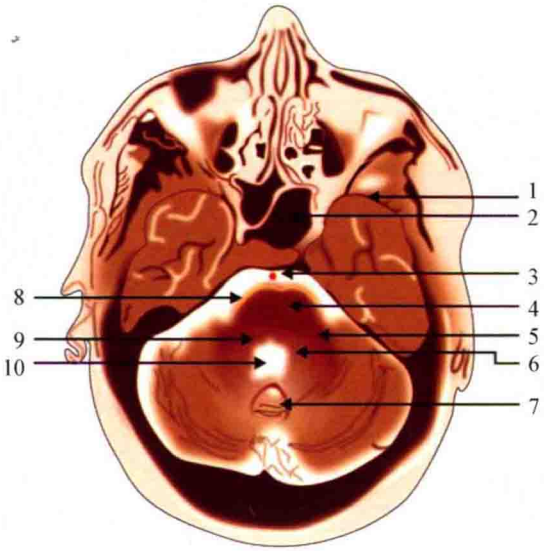
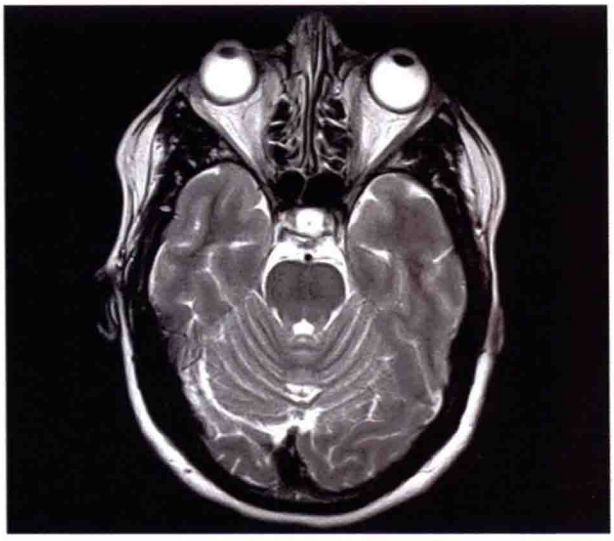


图1-20

1. 颞极 Temporal pole
2. 蝶窦 Sphenoid sinus
3. 基底动脉 Basilar artery
4. 脑桥 Pons
5. 小脑中脚 Middle cerebellar peduncle
6. 小脑上脚 Superior cerebellar peduncle
7. 小脑蚓 Cerebellar vermis
8. 三叉神经 Trigeminal nerve
9. 内侧纵束 Medial longitudinal fasciculus
10. 第四脑室 Fourth ventricle



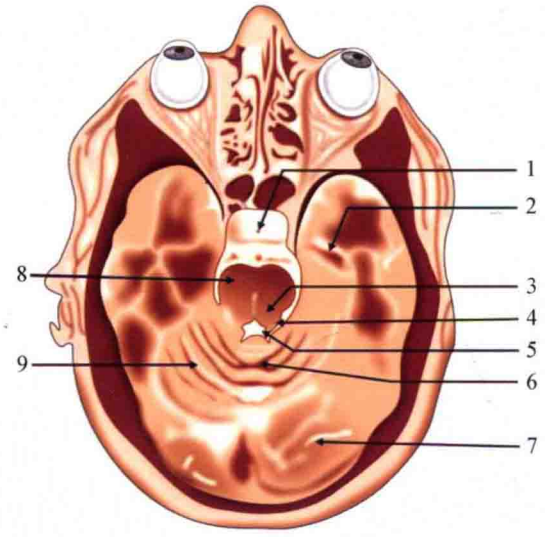
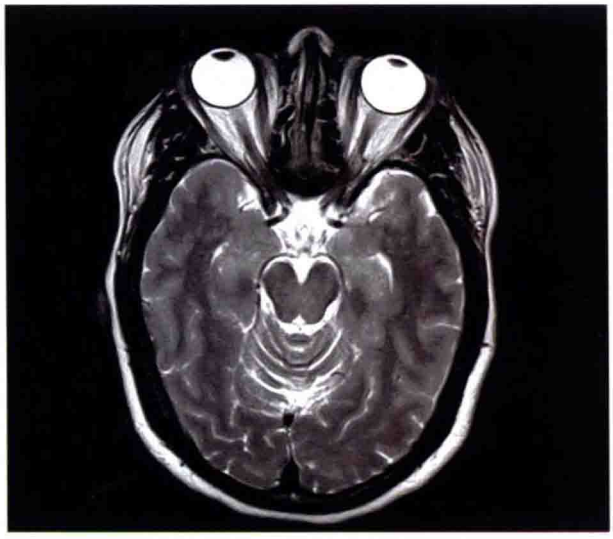


图1-21

1. 垂体柄 Pituitary stalk
2. 侧脑室下角 Temporal horn of lateral ventricle
3. 内侧纵束 Medial longitudinal fasciculus
4. 小脑上脚 Superior cerebellar peduncle
5. 第四脑室 Fourth ventricle
6. 小脑蚓 Vermis
7. 枕叶 Occipital lobe
8. 脑桥 Pons
9. 小脑 Cerebellum



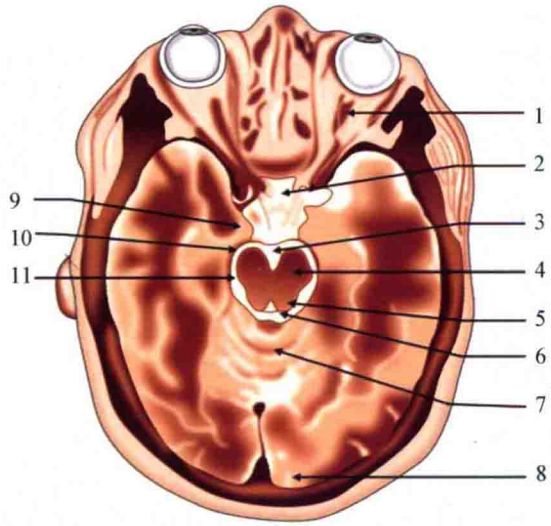
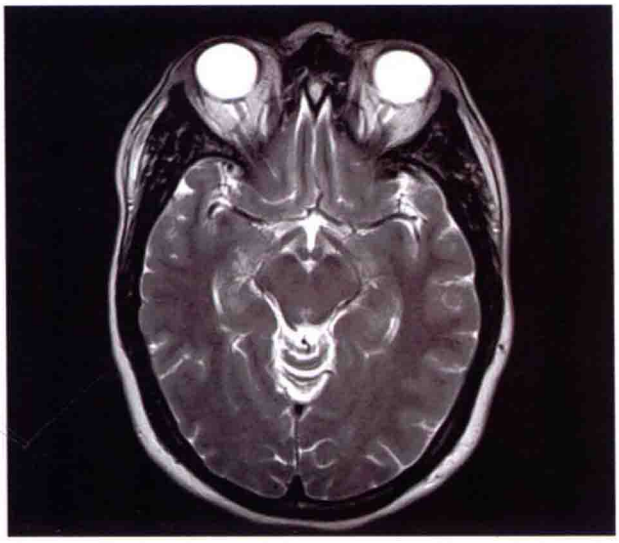


图1-22

1. 视神经 Optic nerve
2. 鞍上池 Suprasellar cistern
3. 脚间窝 Interpeduncular fossa
4. 大脑脚 Cerebral peduncle
5. 下丘 Inferior colliculus
6. 四叠体池 Quadrigeminal plate cistern
7. 上蚓部 Superior vermis
8. 枕极 Occipital pole
9. 钩 Uncus
10. 小脑后动脉 Posterior cerebellar artery
11. 环池 Ambient cistern



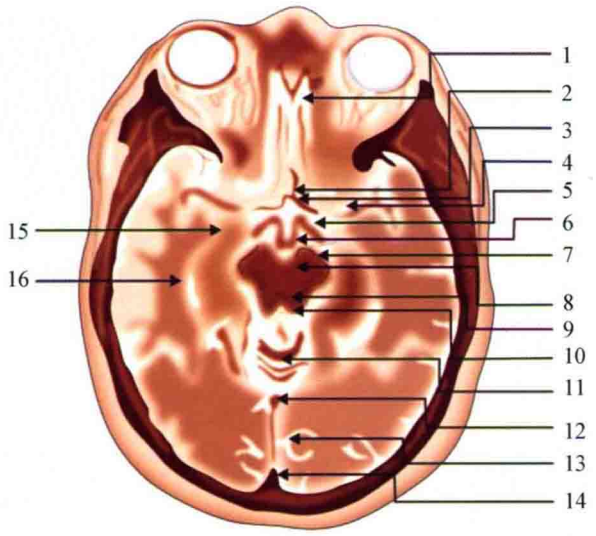
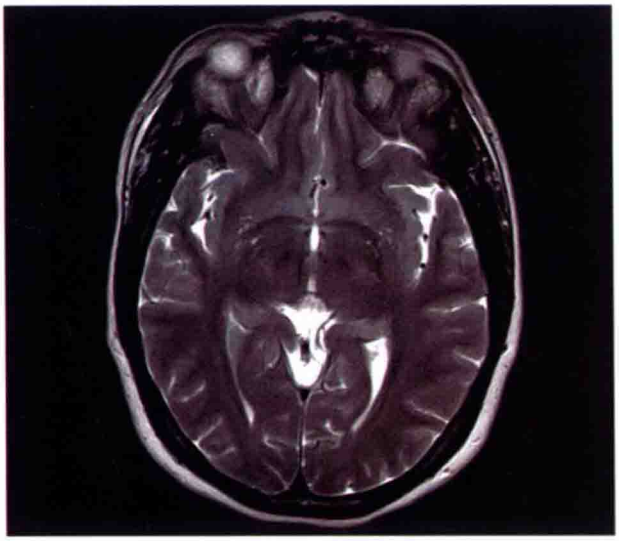


图1-23

1. 直回　Gyrus rectus
2. 前交通动脉　Ant communicating artery
3. 大脑前动脉　Ant cerebral artery
4. 大脑中动脉　Middle cerebral artery
5. 视束　Optic tract
6. 乳头体　Mammillary body
7. 大脑脚底　Crus cerebri
8. 红核　Red nucleus
9. 中脑水管　Aqueduct of sylvius
10. 上丘　Superior colliculus
11. 上蚓部　Superior vermis
12. 直窦　Straight sinus
13. 距状沟　Calcarine sulcus
14. 上矢状窦　Superior sagittal sinus
15. 钩　Uncus
16. 侧脑室下角　Temporal horn



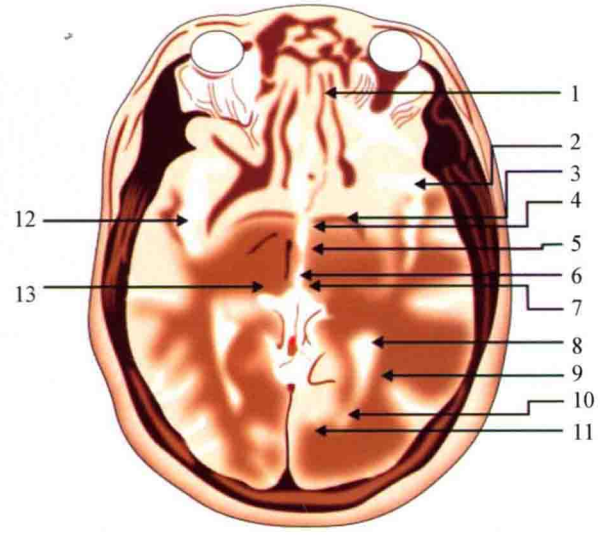
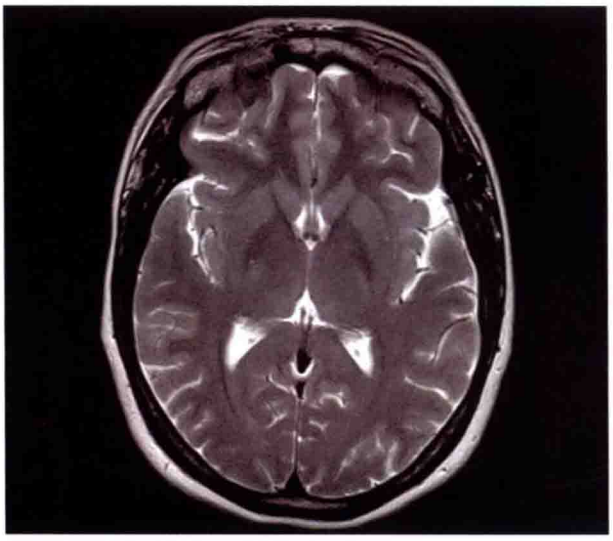


图1-24

1. 直回　Gyrus rectus
2. 外侧裂　Sylvian (lateral) fissure
3. 前连合　Anterior commissure
4. 穹窿　Fornix
5. 乳头丘脑束　Mammillothalamic tract
6. 第三脑室　Third ventricle
7. 后连合　Posterior commissure
8. 侧脑室三角区　Atrium of lateral ventricle
9. 视辐射　Optic radiation
10. 侧脑室后角　Occipital horn
11. 距状裂　Calcarine fissure
12. 岛叶　Insula
13. 丘脑枕　Pulvinar



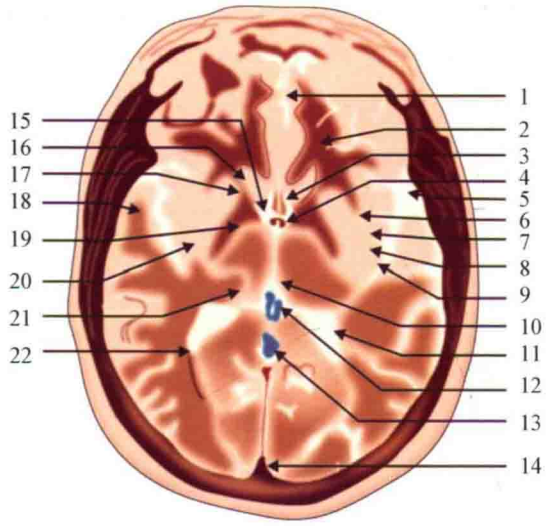
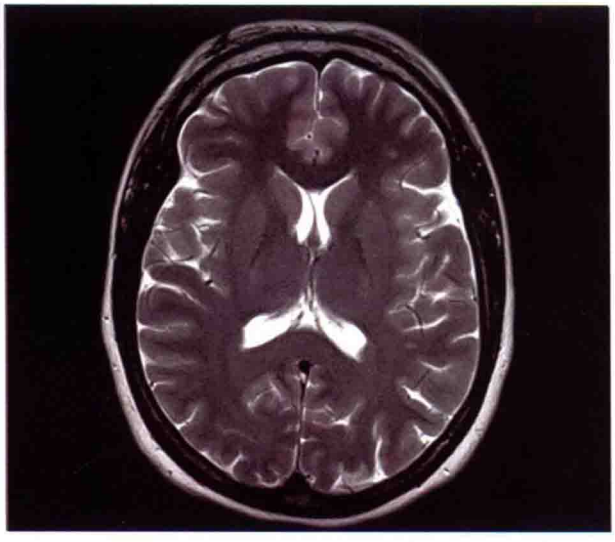


图1-25

1. 大脑纵裂前部 Anterior interhemispheric fissure
2. 胼胝体辐射额钳 Forceps minor
3. 透明隔 Septum pellucidum
4. 穹窿 Fornix
5. 外侧裂 Sylvian fissure
6. 外囊 External capsule
7. 屏状核 Claustrum
8. 最外囊 Extreme capsule
9. 岛叶皮质 Insular cortex
10. 丘脑髓纹 Stria medullaris thalami
11. 侧脑室三角区 Atrium of lateral ventricle
12. 大脑内静脉 Internal cerebral veins
13. 大脑大静脉 Vein of Galen
14. 上矢状窦 Superior sagittal sinus
15. 孟氏孔 Foramen of Monroe
16. 尾状核 Caudate nucleus
17. 内囊前肢 Internal capsule ant.limb
18. 颞叶岛盖 Temporal operculum
19. 苍白球 Globus pallidus
20. 壳核 Putamen
21. 丘脑枕 Pulvinar of thalamus
22. 视辐射 Optic radiation



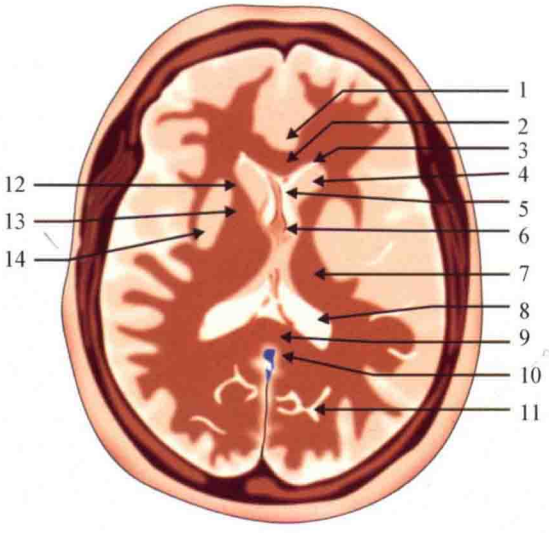
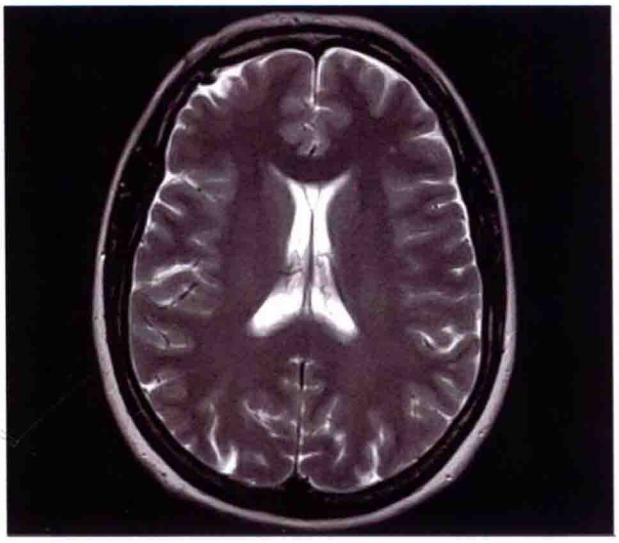


图1-26

1. 大脑前动脉分支 ACA branches
2. 胼胝体膝 Genu of corpus callosum
3. 侧脑室前角 Frontal horn of lateral ventricle
4. 尾状核头 Head of caudate nucleus
5. 透明隔 Septum pellucidum
6. 穹窿 Fornix
7. 丘脑 Thalamus
8. 尾状核尾 Tail of caudate nucleus
9. 胼胝体压部 Splenium of corpus callosum
10. 大脑大静脉 Vein of Galen
11. 顶枕沟 Parieto-occipital sulcus
12. 内囊前肢 Anterior limb of internal capsule
13. 苍白球 Globus pallidus
14. 壳核 Putamen



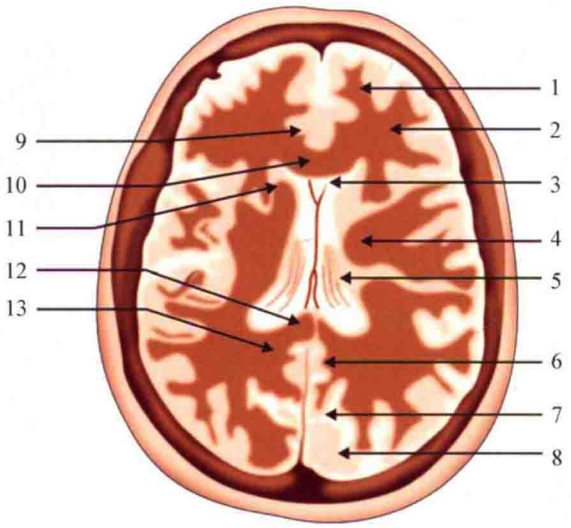
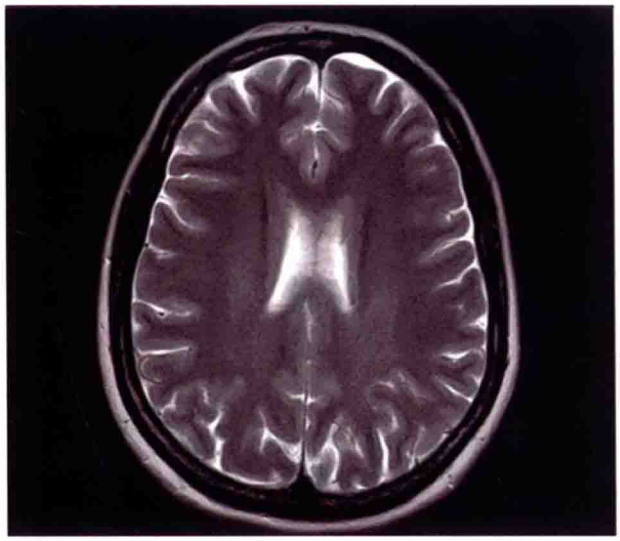


图1-27

1. 额上回 Superior frontal gyrus
2. 额中回 Middle frontal gyrus
3. 透明隔 Septum pellucidum
4. 放射冠 Corona radiata
5. 侧脑室体部 Body of lateral ventricle
6. 扣带回 Cingulate gyrus
7. 顶枕沟 Parieto-occipital sulcus
8. 枕叶 Occipital lobe
9. 扣带回 Cingulate gyrus
10. 胼胝体膝 Genu of corpus callosum
11. 尾状核头 Caudate nucleus head
12. 胼胝体压部 Splenium corpus callosum
13. 胼胝体辐射枕钳 Forceps major



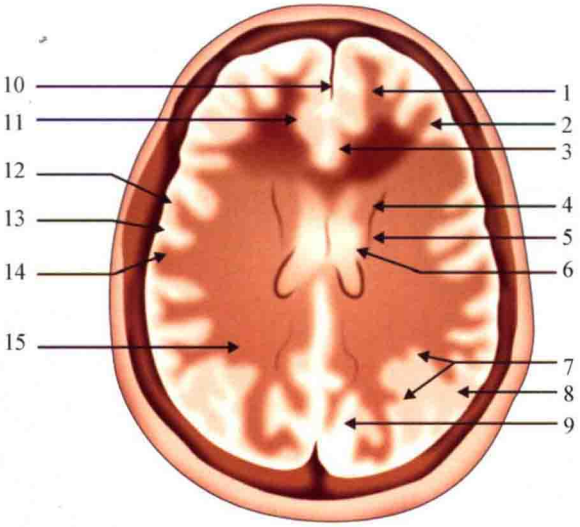


图1-28

1. 额上回 Superior frontal gyrus
2. 额中回 Middle frontal gyrus
3. 扣带回 Cingulate gyrus
4. 尾状核体 Body of caudate nucleus
5. 放射冠 Corona radiata
6. 侧脑室 Lateral ventricle
7. 顶内沟 Intraparietal sulcus
8. 顶下小叶 Inferior parietal lobule
9. 顶枕沟 Parieto-occipital sulcus
10. 大脑纵裂 Interhemispheric fissure
11. 扣带沟 Cingulate sulcus
12. 中央前回 Precentral gyrus
13. 中央沟 Central sulcus
14. 中央后回 Postcentral gyrus
15. 顶上小叶 Superior parietal lobule

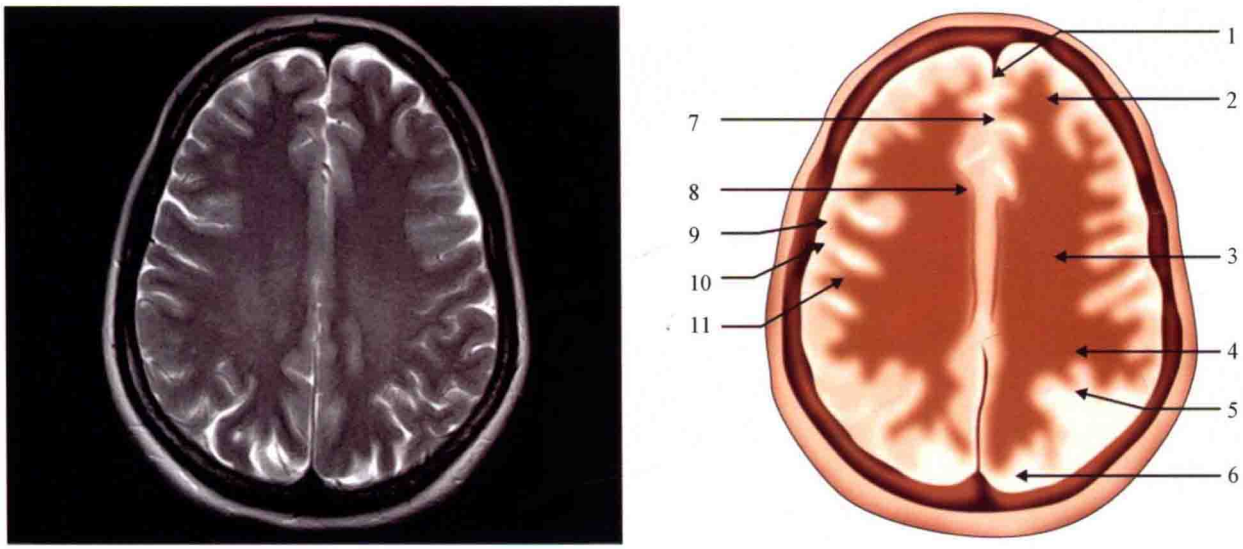


图1-29

1. 大脑纵裂 Interhemispheric fissure
2. 额上回 Superior frontal gyrus
3. 半卵圆中心 Centrum semiovale
4. 顶上小叶 Superior parietal lobule
5. 顶内沟 Intraparietal sulcus
6. 顶枕沟 Parieto-occipital sulcus
7. 扣带沟 Cingulate sulcus
8. 扣带回 Cingulate gyrus
9. 中央前回 Precentral gyrus
10. 中央沟 Central sulcus
11. 中央后回 Postcentral gyrus

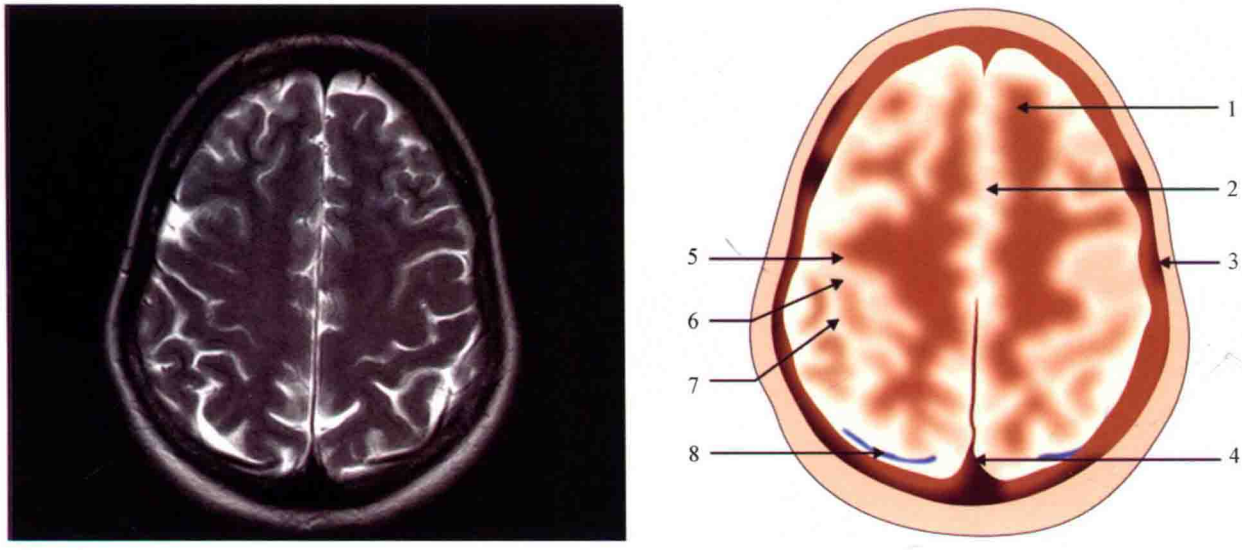
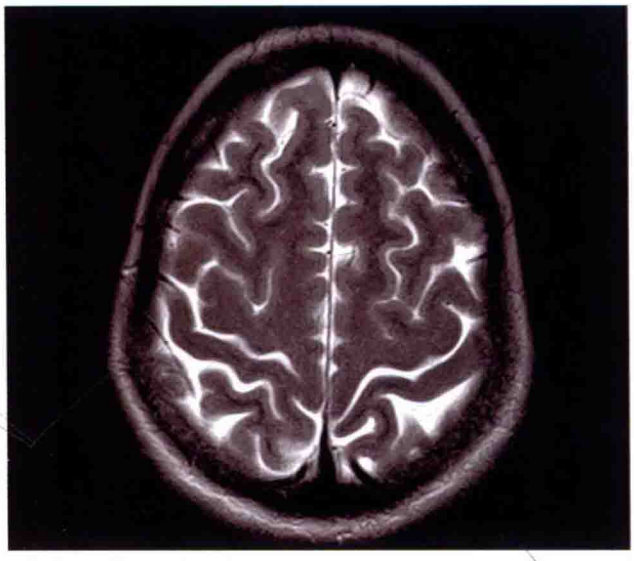


图1-30

1. 额上回 Superior frontal gyrus
2. 大脑纵裂 Interhemispheric fissure
3. 板障间隙 Diploic space
4. 上矢状窦 Superior sagittal sinus
5. 中央前回 Precentral gyrus
6. 中央沟 Central sulcus
7. 中央后回 Postcentral gyrus
8. 皮质静脉 Cortical vein



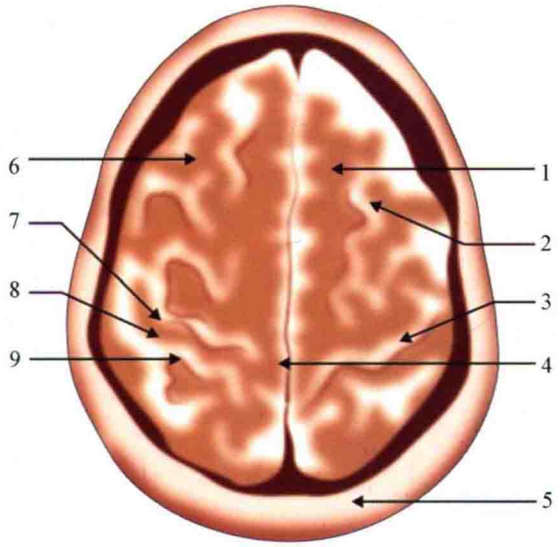
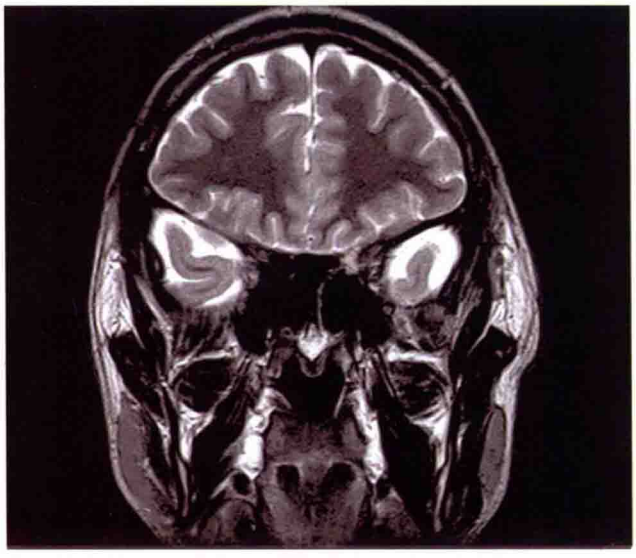


图1-31

1. 额上回 Superior frontal gyrus
2. 额上沟 Superior frontal sulcus
3. 中央沟 Central sulcus
4. 中央旁小叶 Paracentral lobule
5. 头皮 Scalp
6. 额中回 Middle frontal gyrus
7. 中央沟 Central sulcus
8. 中央后回 Postcentral gyrus
9. 中央后沟 Postcentral sulcus



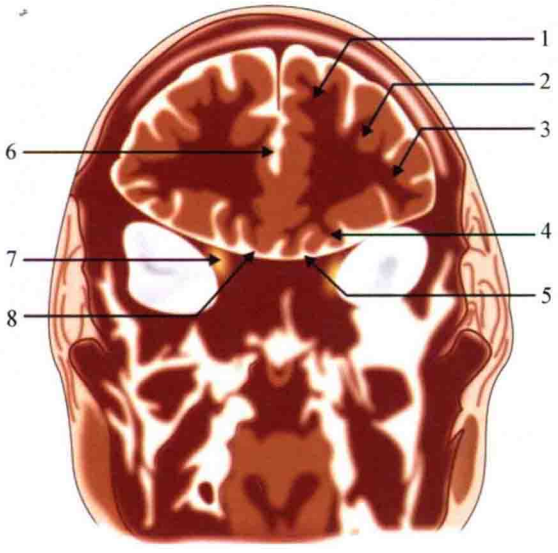
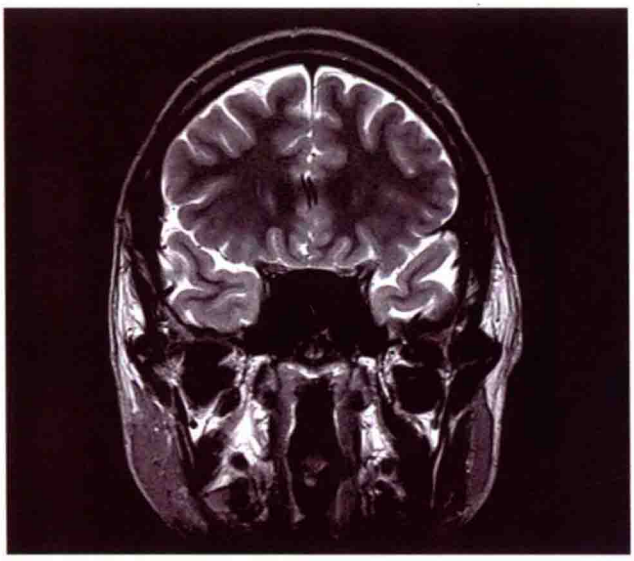


图1-32

1. 额上回 Superior frontal gyrus
2. 额中回 Middle frontal gyrus
3. 额下回 Inferior frontal gyrus
4. 眶回 Orbital gyri
5. 嗅沟 Olfactory sulcus
6. 大脑纵裂 Interhemispheric fissure
7. 视神经 Optic nerve
8. 直回 Gyrus rectus



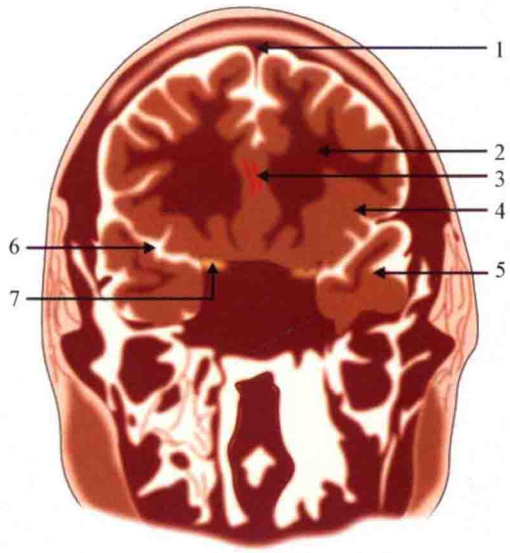
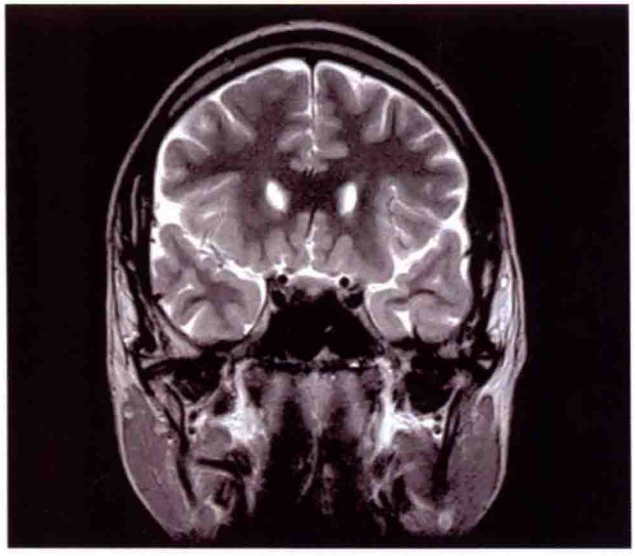


图1-33

1. 上矢状窦 Superior sagittal sinus
2. 胼胝体辐射额钳 Forceps minor
3. 大脑前动脉 Anterior cerebral artery
4. 额叶岛盖 Frontal operculum
5. 颞叶 Temporal lobe
6. 外侧裂 Sylvian fissure, stem
7. 视神经 Optic nerve



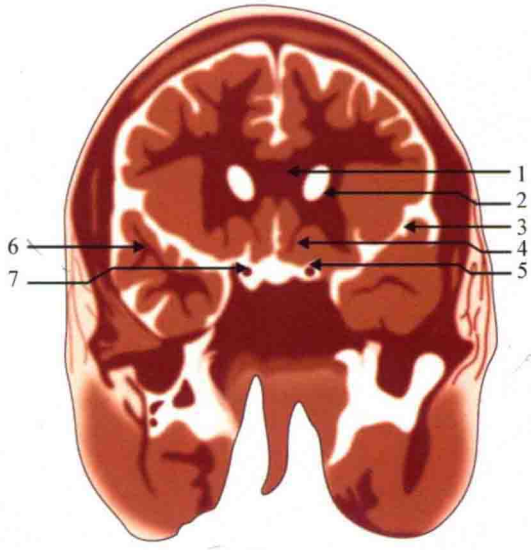
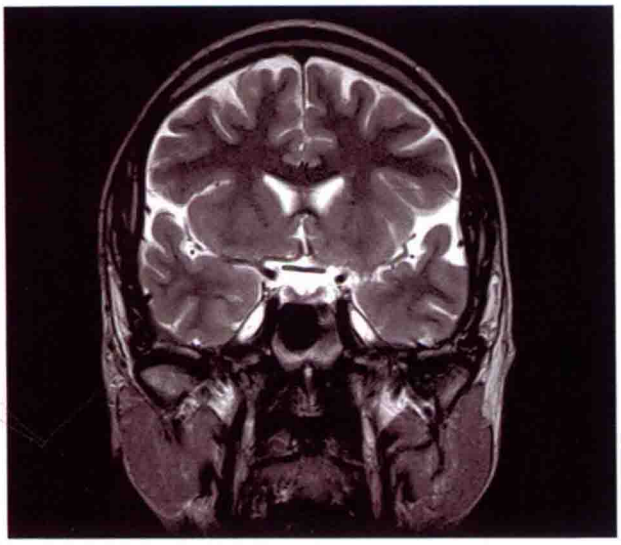


图1-34

1. 胼胝体膝 Genu of corpus callosum
2. 侧脑室前角 Frontal horn of lateral ventricle
3. 外侧裂 Sylvian fissure
4. 直回 Gyrus rectus
5. 视神经 Optic nerve
6. 颞叶岛盖 Temporal operculum
7. 颈内动脉 ICA



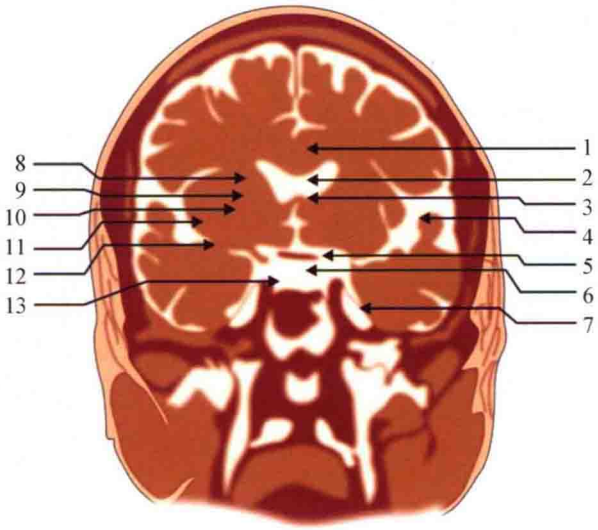
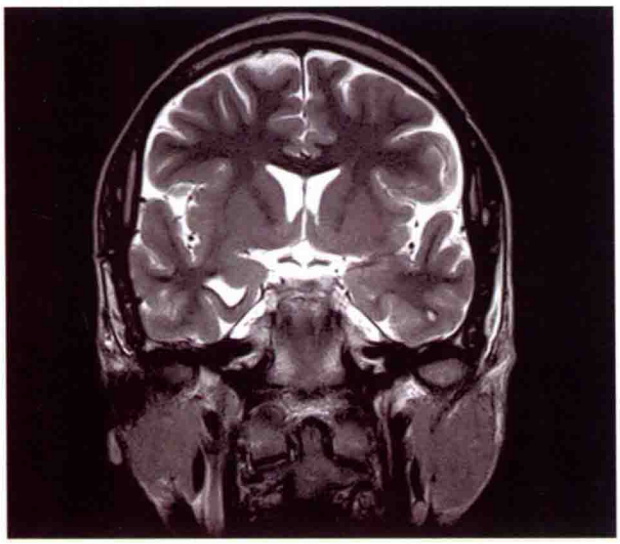


图1-35

1. 胼胝体周围动脉 Pericallosal artery
2. 透明隔 Septum pellucidum
3. 胼胝体嘴 Rostrum of corpus callosum
4. 外侧裂 Sylvian fissure
5. 视交叉 Optic chiasm
6. 鞍上池 Suprasellar cistern
7. 梅克尔腔 Meckel's cave
8. 尾状核头 Caudate nucleus head
9. 内囊 Internal capsule
10. 壳核 Putamen
11. 岛叶 Insula
12. 大脑中动脉 MCA
13. 垂体 Pituitary gland



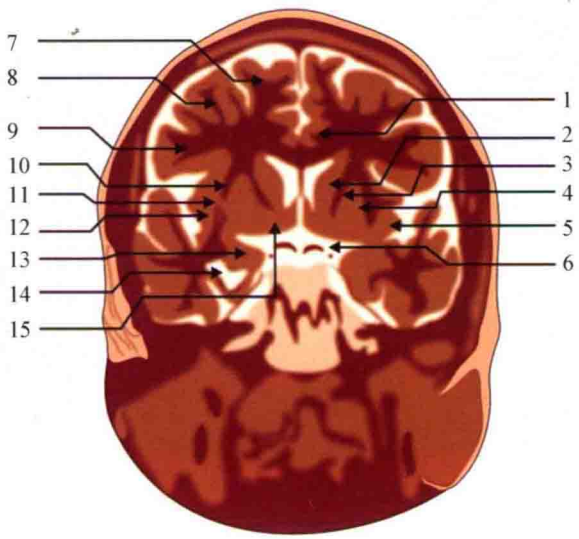
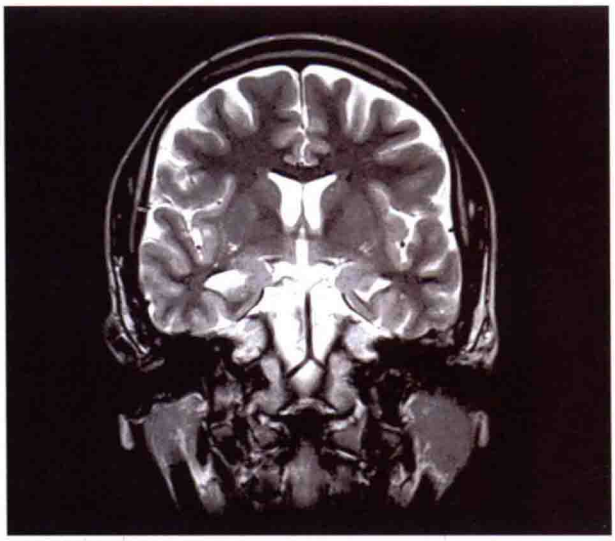


图1-36

1. 扣带回 Cingulate gyrus
2. 尾状核 Caudate nucleus
3. 内囊 Internal capsule
4. 壳核 Putamen
5. 岛叶 Insula
6. 视束 Optic tract
7. 额上回 Superior frontal gyrus
8. 额中回 Middle frontal gyrus
9. 额下回 Inferior frontal gyrus
10. 外囊 External capsule
11. 屏状核 Claustrum
12. 外囊 External capsule
13. 钩 Uncus
14. 侧脑室下角 Temporal horn
15. 纹状体底 Fundus striati



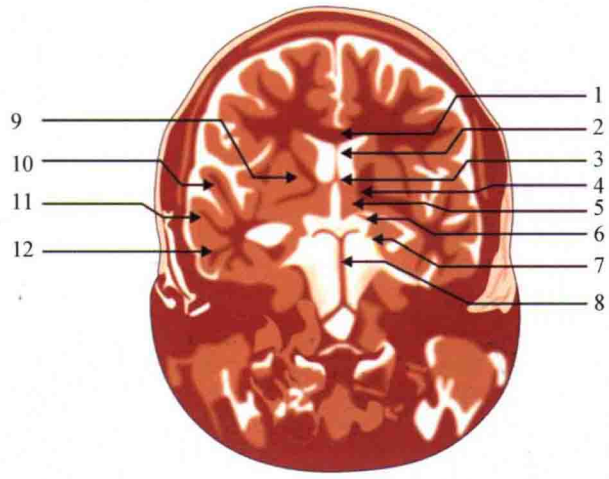
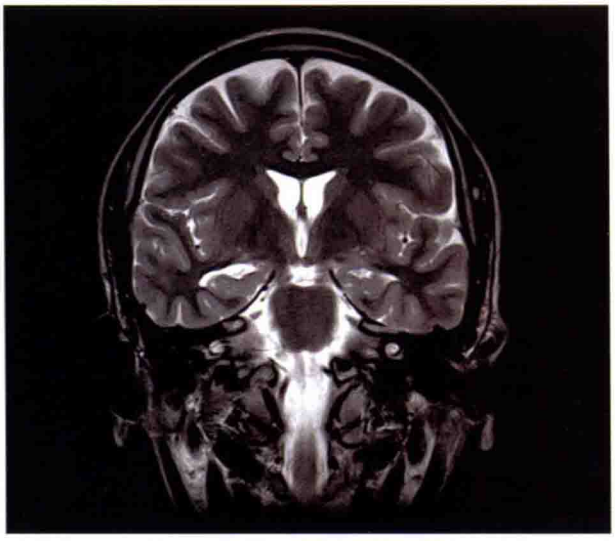


图1-37

1. 胼胝体体部 Corpus callosum body
2. 透明隔 Septum pellucidum
3. 穹窿 Fornix
4. 前连合 Anterior commissure
5. 无名质 Innominate substance
6. 视束 Optic tract
7. 动眼神经 Oculomotor nerve
8. 基底动脉 Basilar artery
9. 苍白球 Globus pallidus
10. 颞上回 Superior temporal gyrus
11. 颞中回 Middle temporal gyrus
12. 颞下回 Inferior temporal gyrus



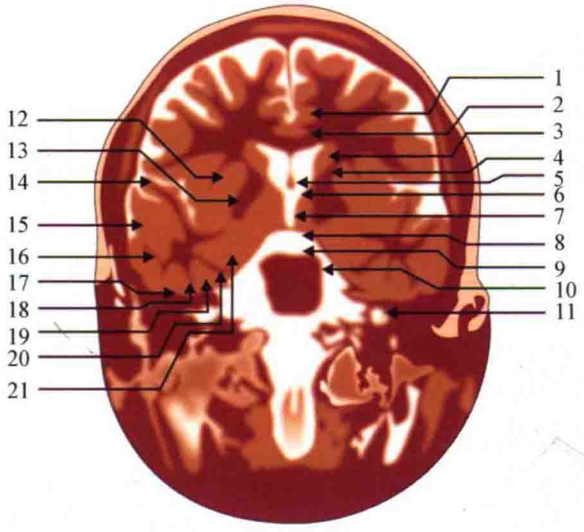
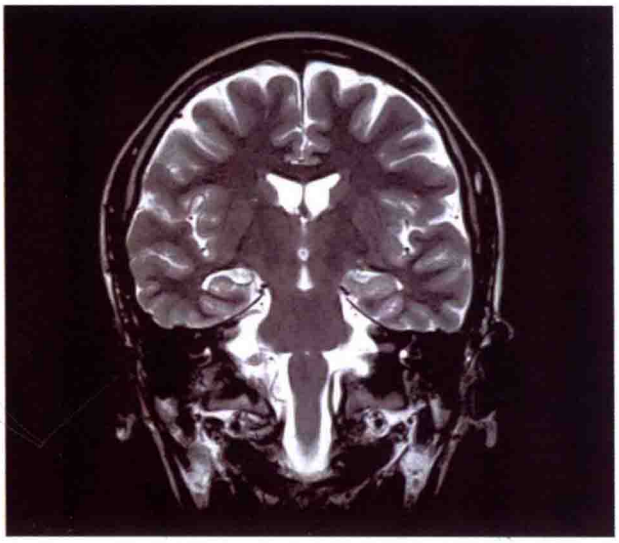


图1-38

1. 扣带沟 Cingulate sulcus
2. 胼周沟 Pericallosal sulcus
3. 尾状核 Caudate nucleus
4. 内囊 Internal capsule
5. 穹窿 Fornix
6. 孟氏孔 Foramen of Monro
7. 第三脑室 Third ventricle
8. 乳头体 Mammillary body
9. 脚间池 Interpeduncular cistern
10. 脑桥 Pons
11. 耳蜗 Cochlea
12. 壳核 Putamen
13. 苍白球 Globus pallidus
14. 颞上回 Superior temporal gyrus
15. 颞中回 Middle temporal gyrus
16. 颞下回 Inferior temporal gyrus
17. 枕颞沟 Occipitotemporal sulcus
18. 枕颞回 Occipitotemporal gyrus
19. 侧副沟 Collateral sulcus
20. 海马旁回 Parahippocampal
21. 海马 Hippocampus



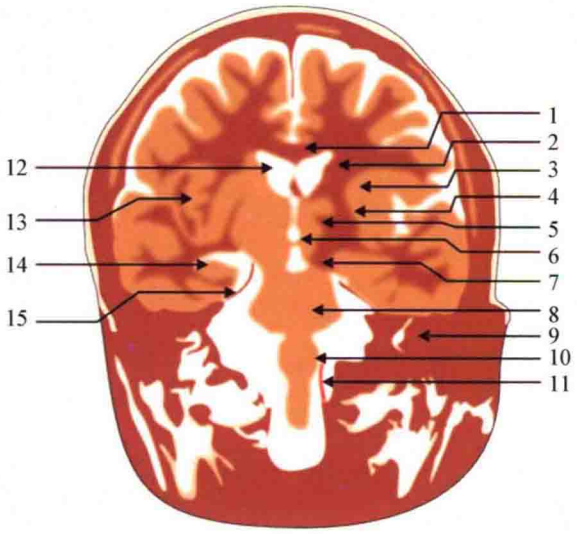
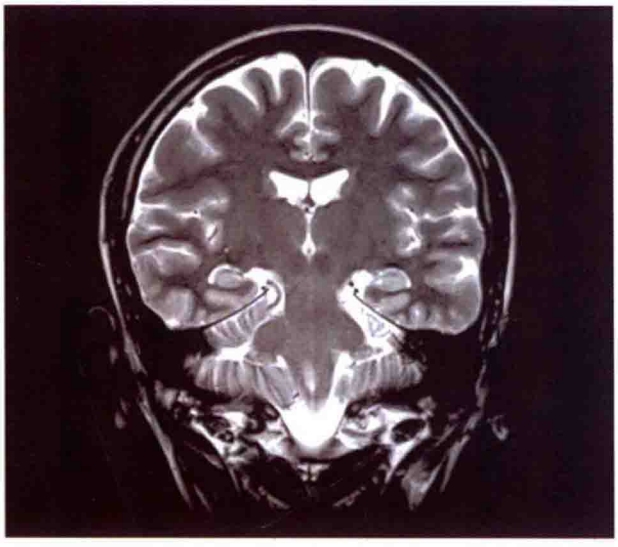


图1-39

1. 胼胝体 Corpus callosum
2. 尾状核 Caudate nucleus
3. 壳核 Putamen
4. 内囊 Internal capsule
5. 丘脑 Thalamus
6. 第三脑室 Third ventricle
7. 大脑脚 Cerebral peduncle
8. 脑桥 Pons
9. 前庭 Vestibule
10. 延髓 Medulla
11. 椎动脉 Vertebral artery
12. 侧脑室 Lateral ventricle
13. 岛叶 Insula
14. 海马 Hippocampus
15. 小脑幕 Tentorium



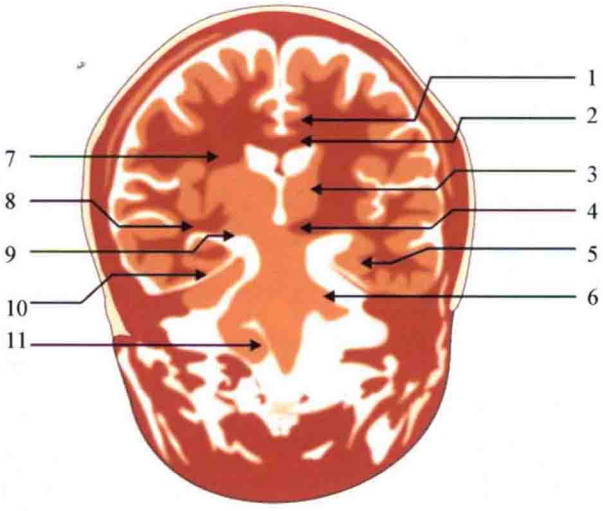
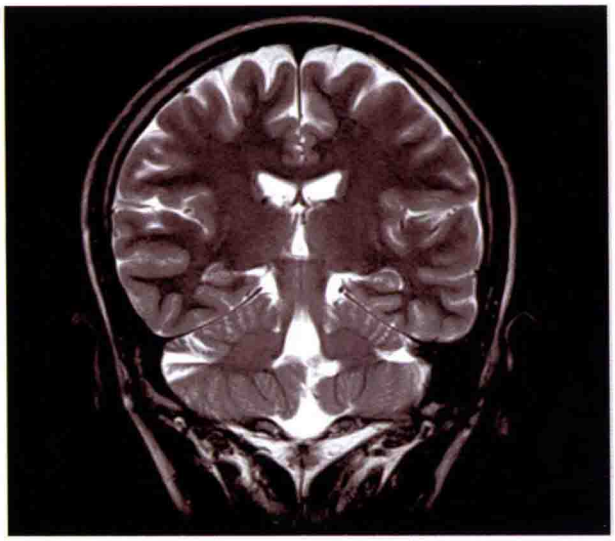


图1-40

1. 扣带回 Cingulate gyrus
2. 胼胝体 Corpus callosum
3. 丘脑 Thalamus
4. 红核 Red nucleus
5. 海马旁回 Parahippocampal gyrus
6. 小脑中脚 Middle cerebellar peduncle
7. 放射冠 Corona radiata
8. 外侧膝状体 Lateral geniculate body
9. 内侧膝状体 Medial geniculate body
10. 小脑幕 Tentorium cerebelli
11. 小脑下脚 Inferior cerebellar peduncle



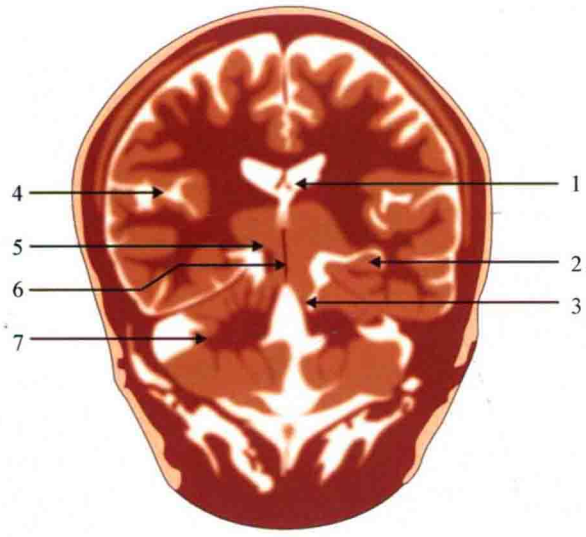


图1-41

1. 穹窿 Fornix
2. 海马体 Hippocampus body
3. 小脑上脚 Superior cerebellar peduncle
4. 外侧裂 Sylvian fissure
5. 上丘 Superior colliculus
6. 中脑水管 Aqueduct of sylvius
7. 小脑 Cerebellum



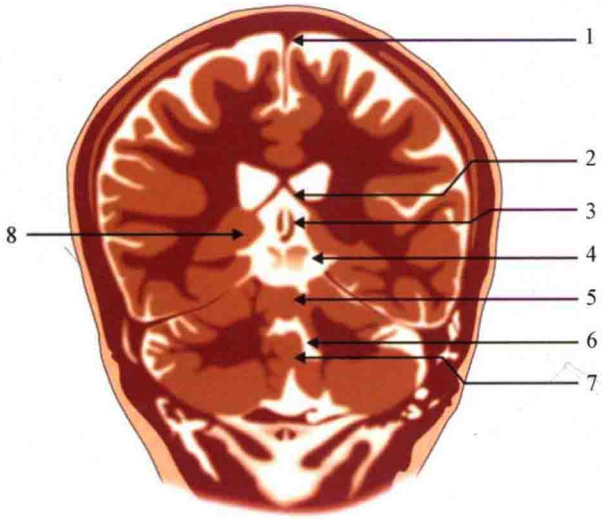
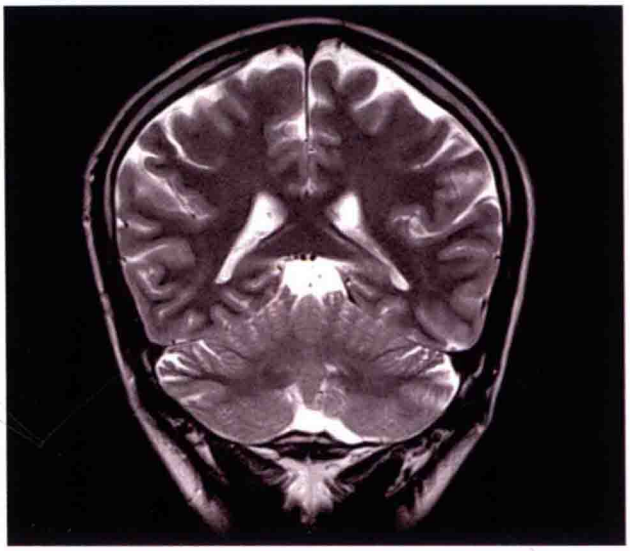


图1-42

1. 上矢状窦 Superior sagittal sinus
2. 穹窿 Fornix
3. 大脑内静脉 Internal cerebral vein
4. 四叠体池 Quadrigeminal plate cistern
5. 小脑蚓 Vermis
6. 第四脑室 Fourth ventricle
7. 小脑小结 Nodule of cerebellum
8. 丘脑枕 Pulvinar of thalamus



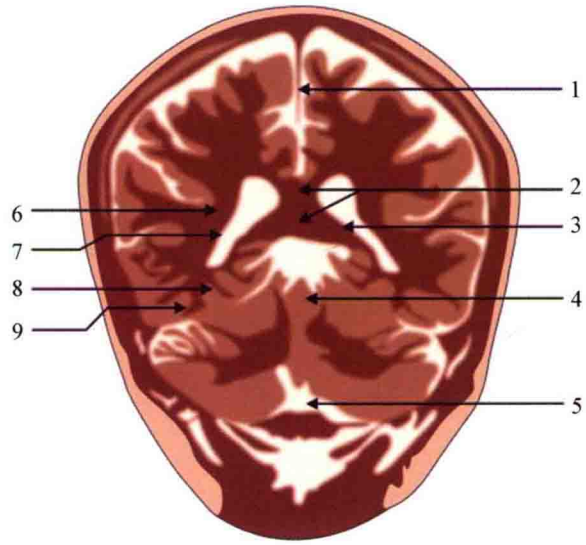


图1-43

1. 大脑纵裂　Interhemispheric fissure
2. 胼胝体压部　Splenium of corpus callosum
3. 穹窿　Fornix
4. 小脑蚓　Vermis
5. 小脑延髓池　Cisterna magna
6. 视辐射　Optic radiation
7. 侧脑室三角区　Atrium of lateral ventricle
8. 舌回　Lingular gyrus
9. 梭状回　Fusiform gyrus



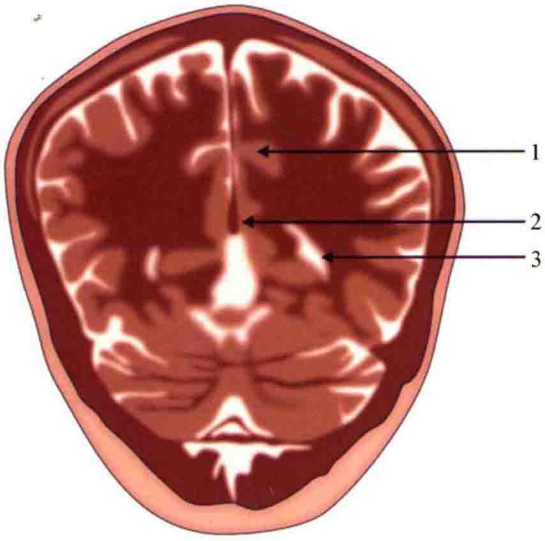


图1-44

1. 扣带沟，边缘支　Cingulate sulcus, marginal branch
2. 直窦　Straight sinus
3. 侧脑室枕角　Occipital horn

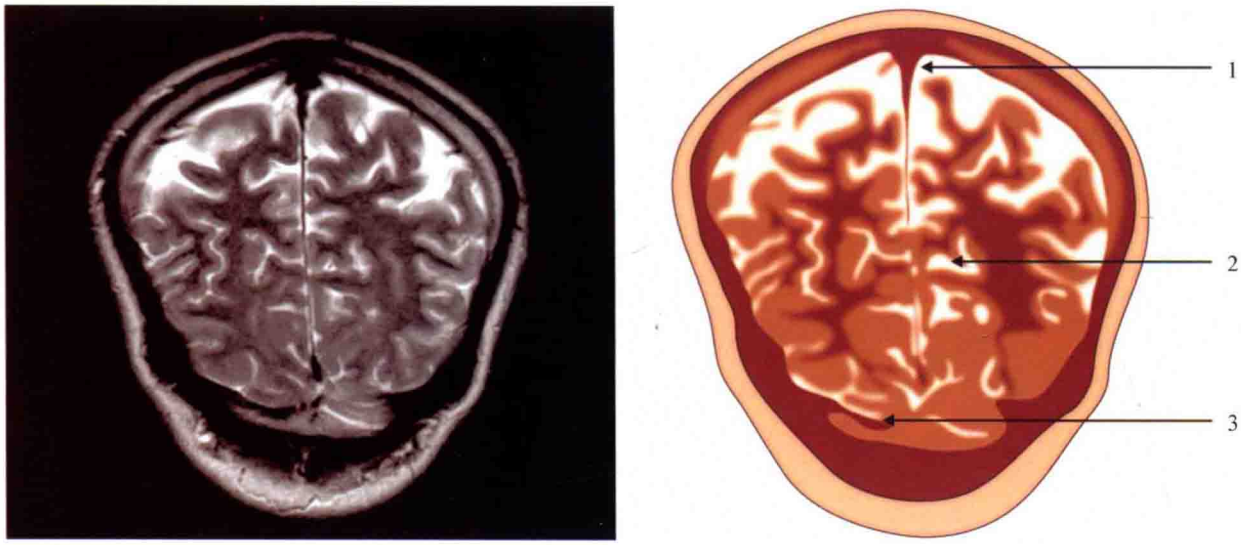


图1-45

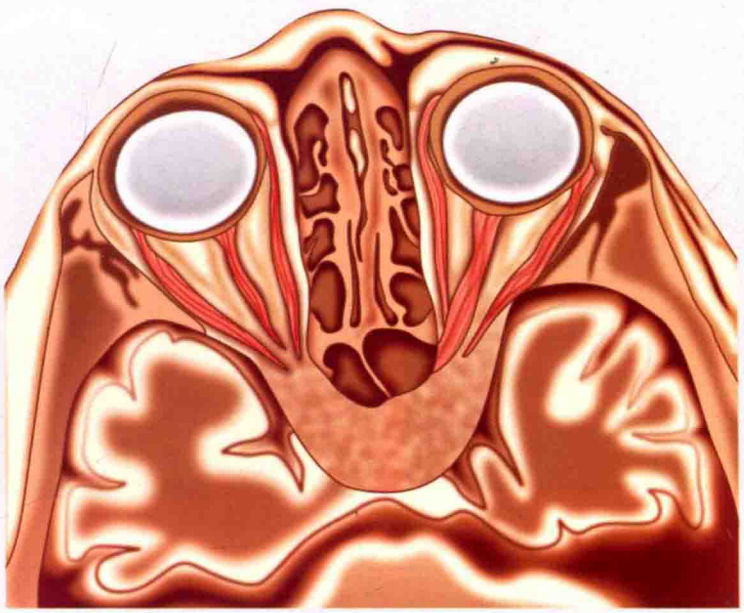
1. 上矢状窦 Superior sagittal sinus
2. 距状沟 Calcarine sulcus
3. 横窦 Transverse sinus

CHAPTER 2

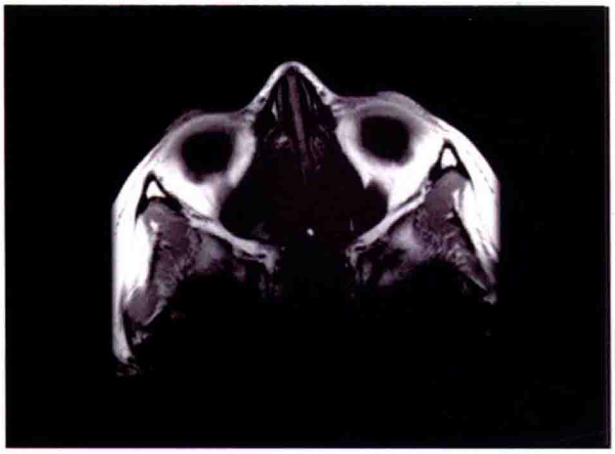
第2章

Orbit

眼　眶



轴位图像：由下至上



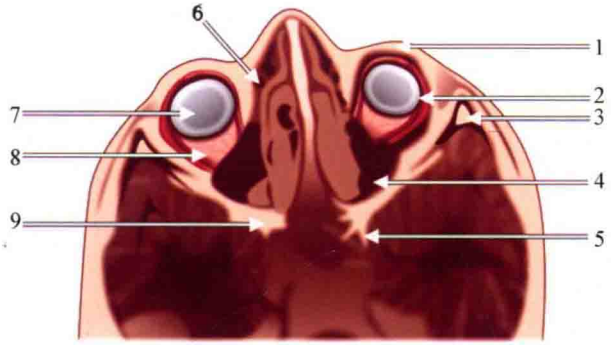
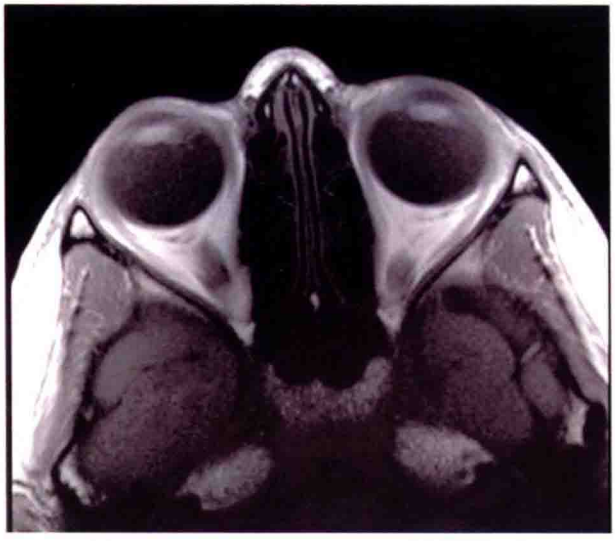


图2-1

1. 下眼睑　Lower eyelid
2. 下斜肌附着处　Insertion of inferior oblique
3. 颧骨　Zygoma
4. 上颌窦　Maxillary sinus
5. 翼管　Vidian canal
6. 鼻泪管　Nasolacrimal duct
7. 眼球　Eyeball
8. 下直肌　Inferior rectus
9. 翼腭窝　Pterygopalatine fossa



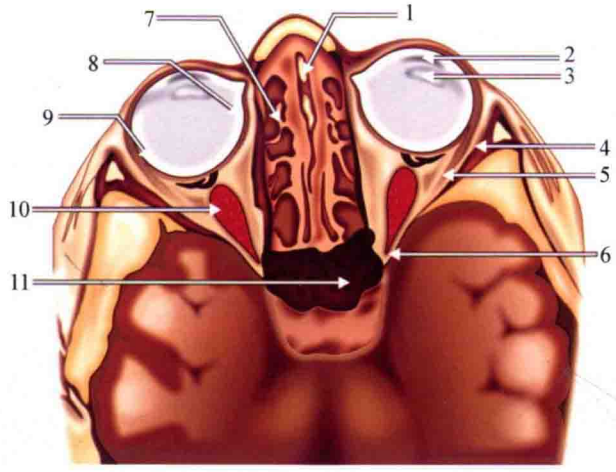


图2-2

1. 鼻中隔　Nasal septum
2. 前房　Anterior chamber
3. 晶状体　Lens
4. 肌锥外脂肪　Extraconal fat
5. 外直肌　Lateral rectus
6. 眶上裂　Superior orbital fissure
7. 筛骨气房　Ethmoid air cells
8. 内直肌　Medial rectus
9. 巩膜　Sclera
10. 下直肌　Inferior rectus
11. 筛窦　Sphenoid sinus

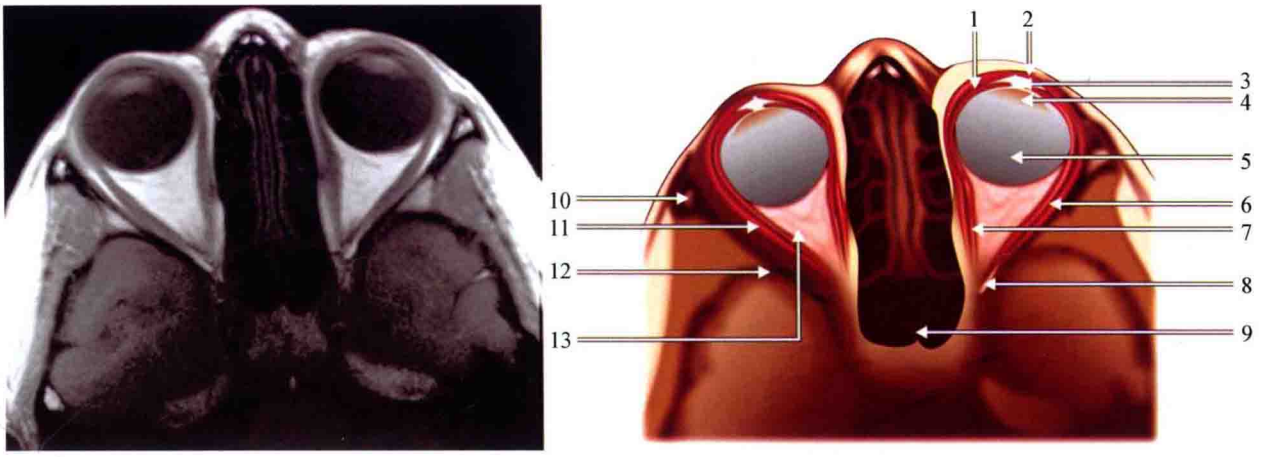


图2-3

1. 睫状体 Ciliary body
2. 角膜 Cornea
3. 前房 Anterior chamber
4. 晶状体 Lens
5. 玻璃体 Vitreous
6. 外直肌 Lateral rectus
7. 内直肌 Medial rectus
8. 眶上裂 Superior orbit fissure
9. 筛窦 Sphenoid sinus
10. 颧骨 Zygoma
11. 肌锥外脂肪 Extraconal fat
12. 蝶骨大翼 Greater wing of sphenoid
13. 肌锥内脂肪 Intraconal fat

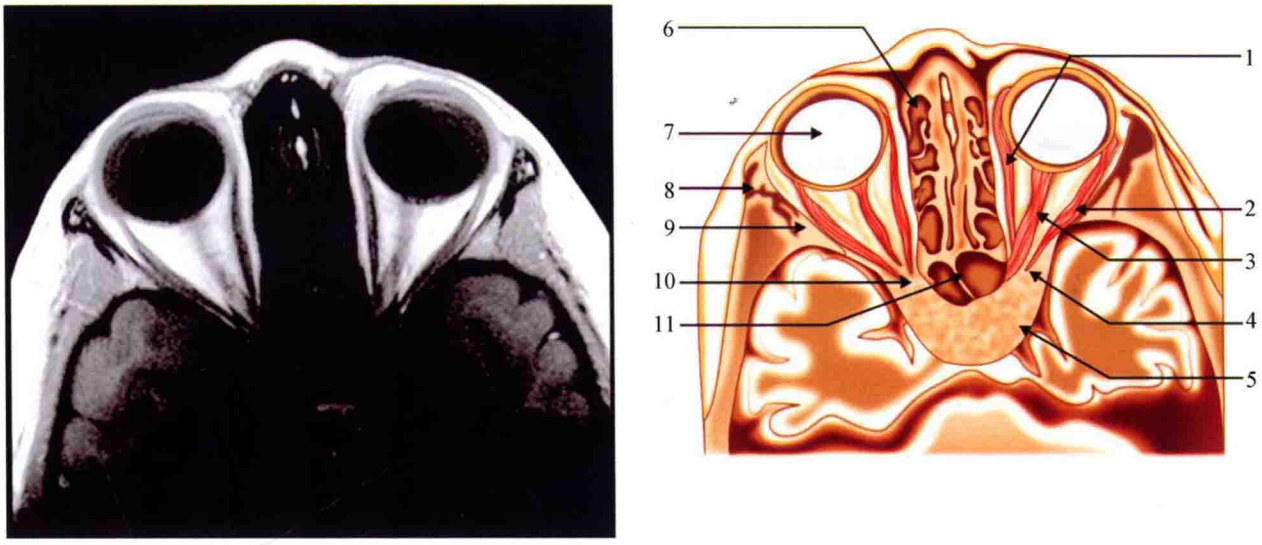


图2-4

1. 内直肌 Medial rectus
2. 外直肌 Lateral rectus
3. 视神经 Optic nerve
4. 眶上裂 Superior orbit fissure
5. 颈内动脉 Internal carotid artery
6. 筛骨气房 Ethmoid air cells
7. 玻璃体 Vitreous
8. 颧骨 Zygomatic bone
9. 眶外侧壁 Lateral wall, orbit
10. 视神经管 Optic canal
11. 筛窦 Sphenoid sinus

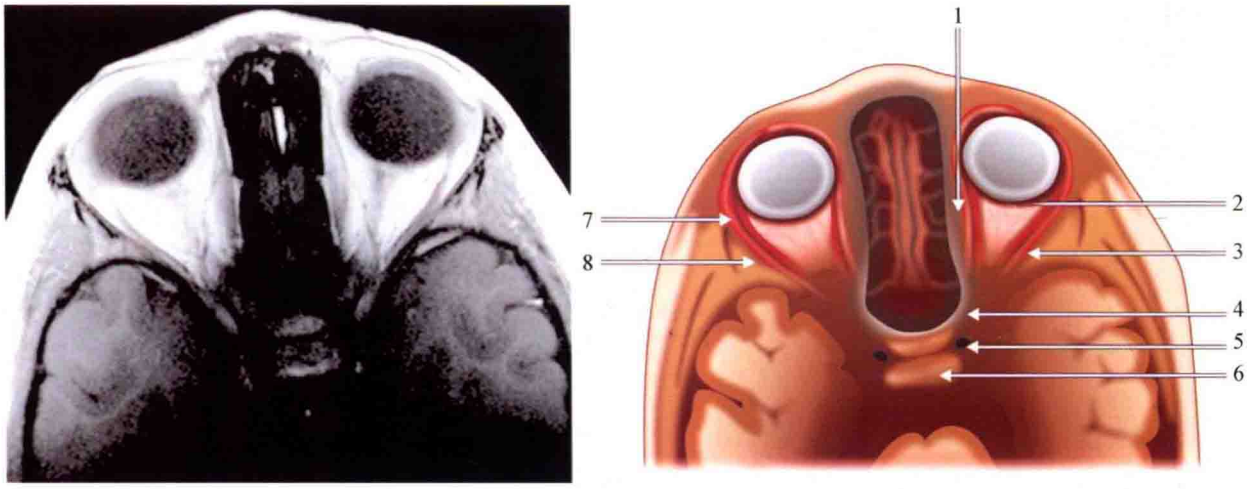


图2-5

1. 上直肌 Superior rectus
2. 视神经盘 Optic disk
3. 外直肌 Lateral rectus
4. 视神经 Optic nerve
5. 颈内动脉 ICA
6. 蝶鞍 Sella
7. 泪腺 Lacrimal gland
8. 眶外侧壁 Lateral wall, orbit

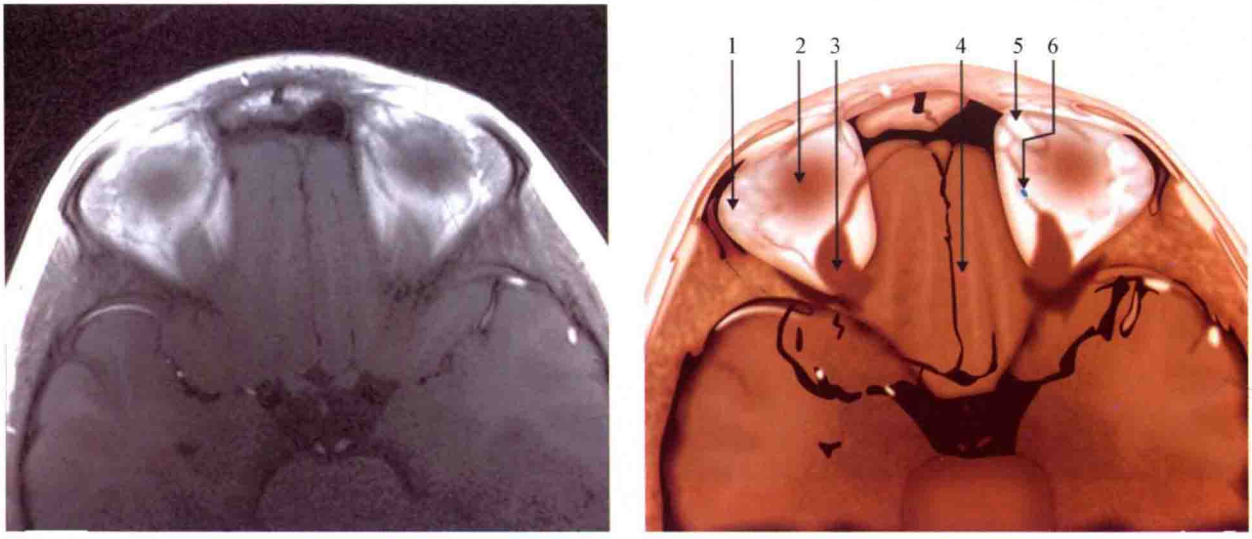


图2-6

1. 泪腺 Lacrimal gland
2. 眼球上部 Globe, superior part
3. 上直肌 Superior rectus
4. 直回 Gyrus rectus
5. 上斜肌肌腱反射 Reflected tendon of superior oblique
6. 眼上静脉 Superior ophthalmic vein

CORONAL IMAGES: POSTERIOR TO ANTERIOR

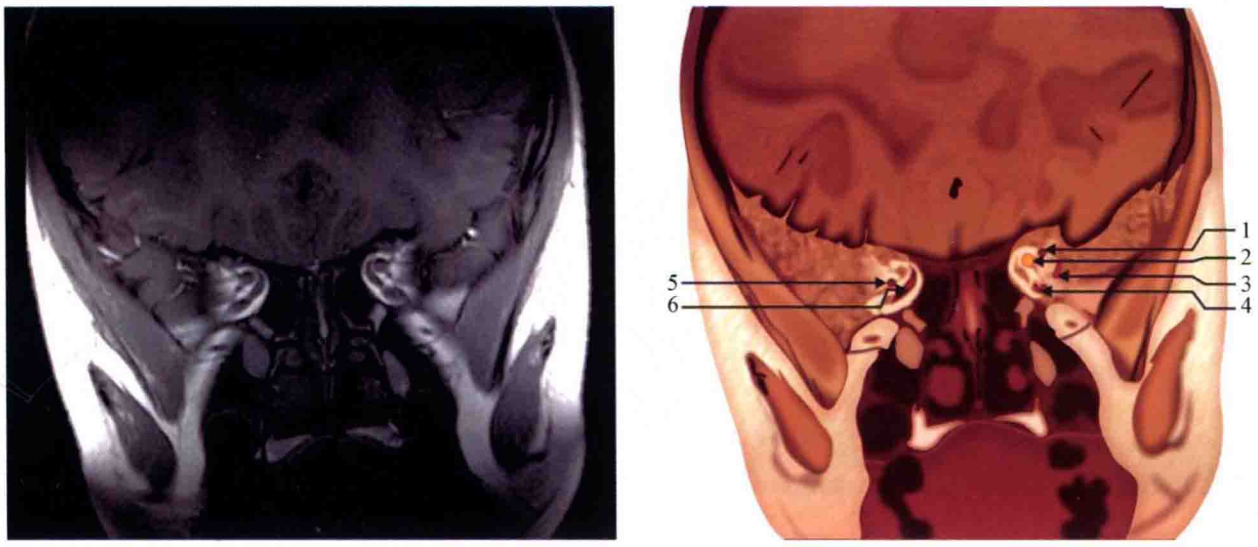


图2-7

1. 睫后长动脉 Long posterior ciliary artery
2. 视神经 Optic nerve
3. 外直肌 Lateral rectus
4. 下直肌 Inferior rectus
5. 眼动脉 Ophthalmic artery
6. 内直肌 Medial rectus

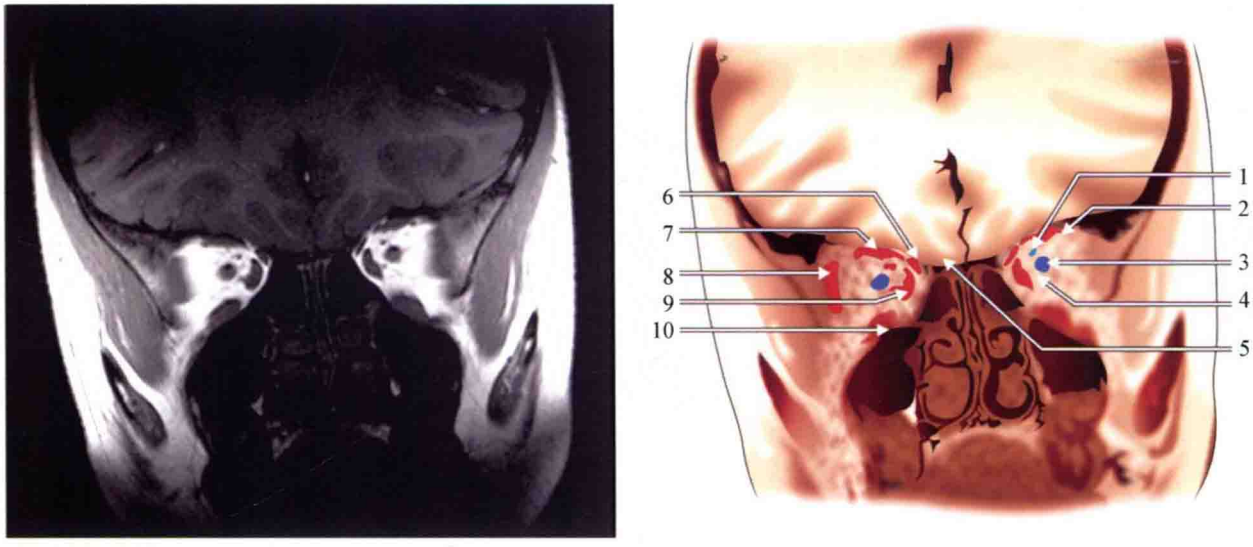


图2-8

1. 睫后长动脉 Long posterior ciliary artery
2. 眼上静脉 Superior Ophthalmic vein
3. 视神经 Optic nerve
4. 眼动脉 Ophthalmic artery
5. 直回 Gyrus rectus
6. 上斜肌 Superior oblique
7. 上直肌 Superior rectus
8. 外直肌 Lateral rectus
9. 内直肌 Medial rectus
10. 下直肌 Inferior rectus

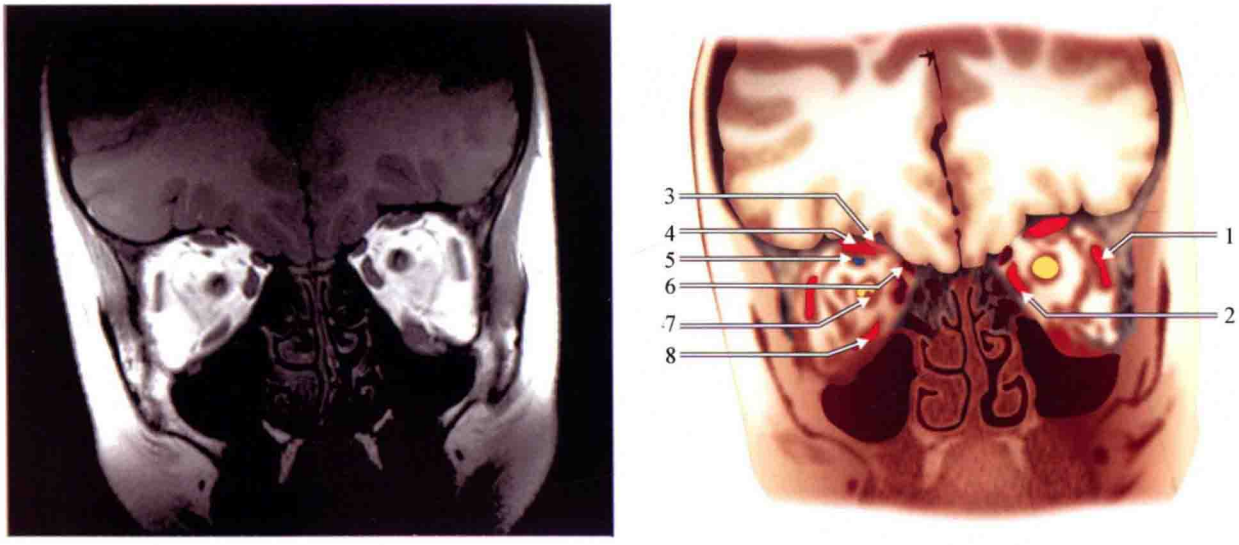


图2-9

1. 外直肌 Lateral rectus
2. 内直肌 Medial rectus
3. 上睑提肌 Levator palpebrae superioris muscle
4. 上直肌 Superior rectus
5. 眼上静脉 Superior ophthalmic vein
6. 上斜肌 Superior oblique
7. 视神经 Optic nerve
8. 下直肌 Inferior rectus

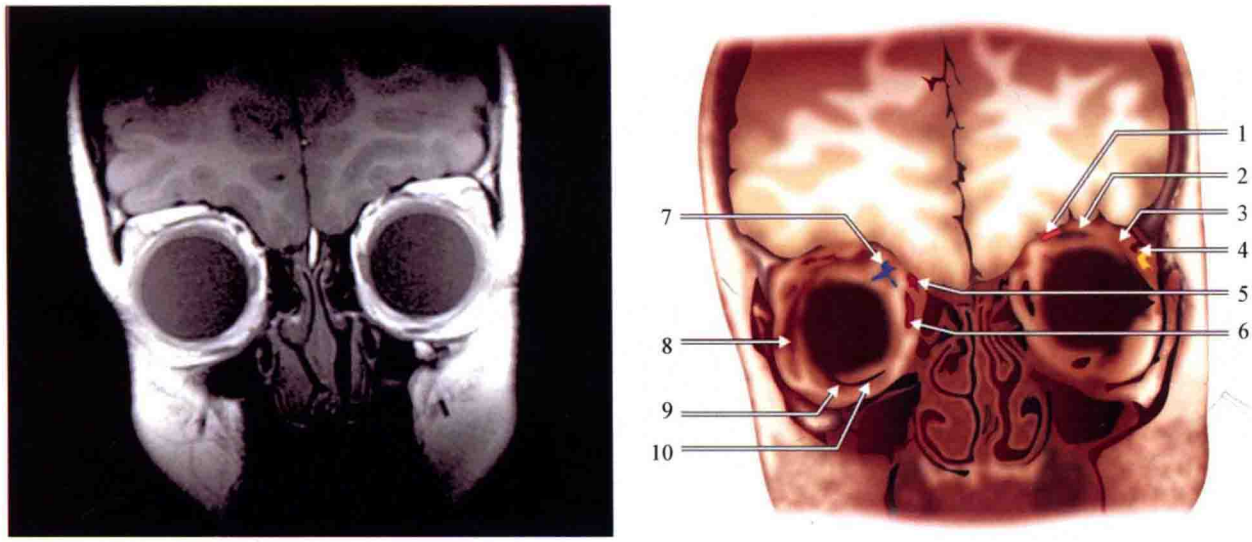
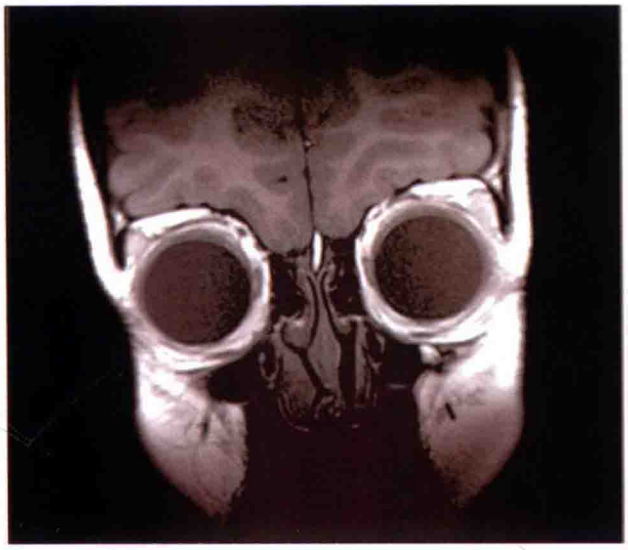


图2-10

1. 上睑提肌 Levator palpebrae superioris muscle
2. 上直肌 Superior rectus
3. 肌间隔 Intermuscular septum
4. 泪腺 Lacrimal gland
5. 上斜肌 Superior oblique
6. 内直肌 Medial rectus
7. 眼上静脉 Superior ophthalmic vein
8. 外直肌 Lateral rectus
9. 下斜肌 Inferior oblique
10. 下直肌 Inferior rectus



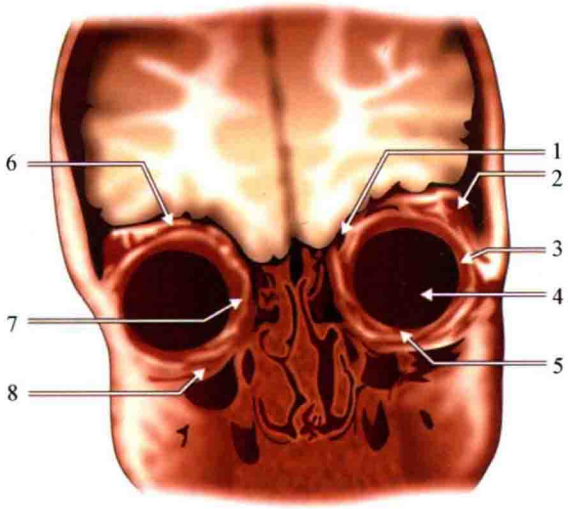


图2-11

1. 上斜肌 Superior oblique
2. 泪腺 Lacrimal gland
3. 巩膜 Sclera
4. 玻璃体 Vitreous
5. 下直肌 Inferior rectus
6. 上直肌及上睑提肌 Superior rectus and levator palpebrae muscles
7. 内直肌 Medial rectus
8. 下斜肌 Inferior oblique



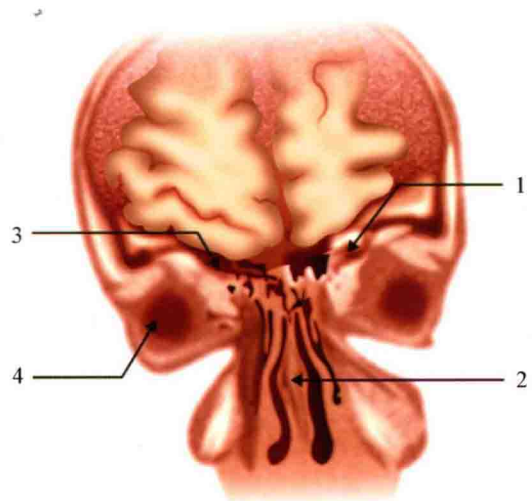


图2-12

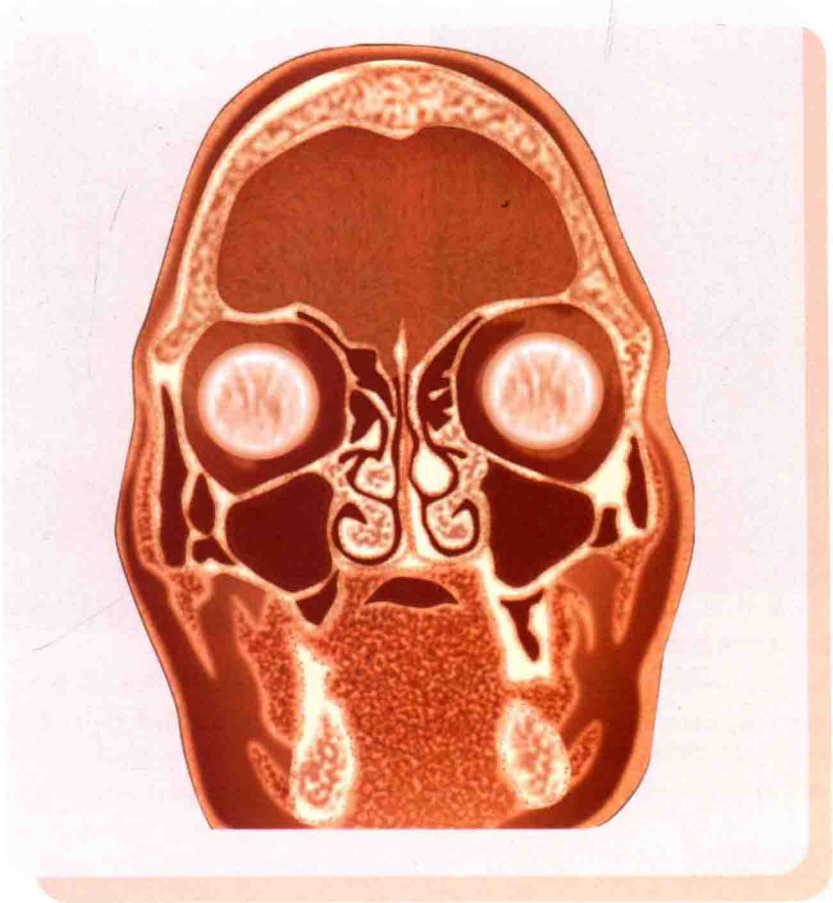
1. 上斜肌肌腱反射 Reflected tendon of superior oblique
2. 鼻中隔 Nasal septum
3. 滑车 Trochlea
4. 眼球 Globe

CHAPTER 3

第3章

PNS and Skull Base

周围神经系统及颅底



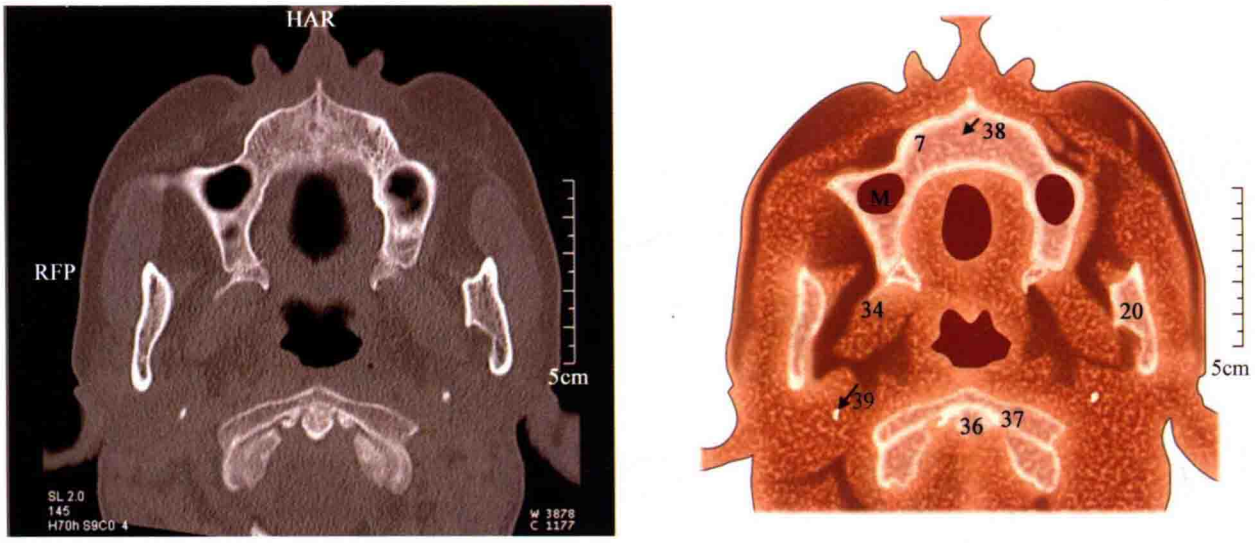


图 3-1 38. 切牙管;7. 上颌骨牙槽突;M. 上颌窦;34. 翼突外侧板;39. 茎突;36. 枢椎齿突;37. 寰椎前弓;20. 下颌骨

38; Incisive canal, 7; Alveolar margin of maxilla, M; Maxillary sinus, 34; Lateral pterygoid plate, 39; Styloidprocess, 36; Dens of axis, 37; Anterior arch of atlas, 20; Mandible

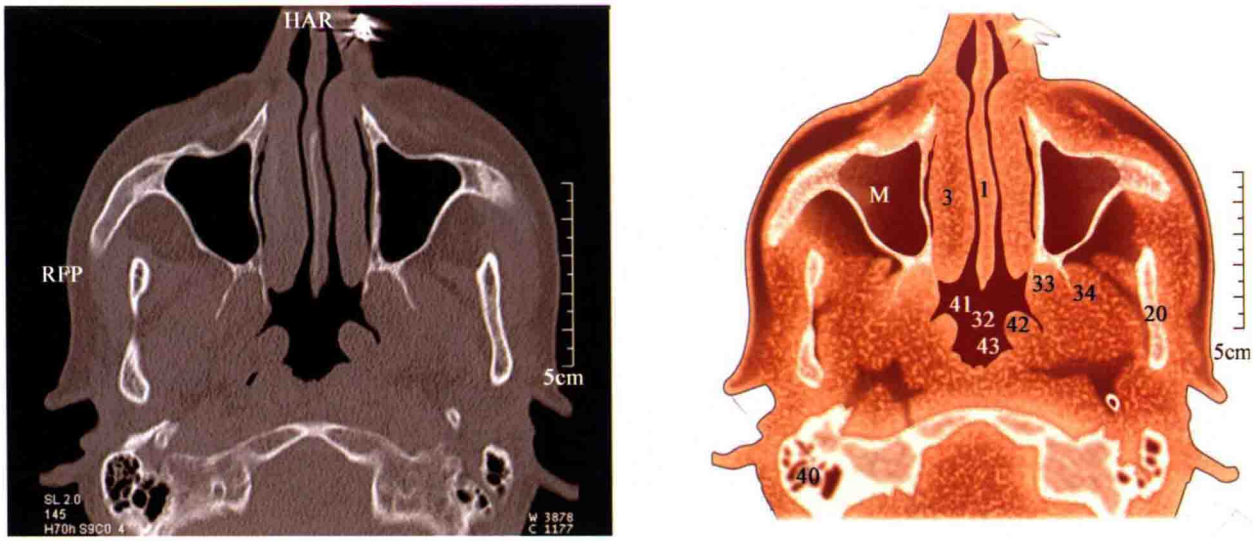
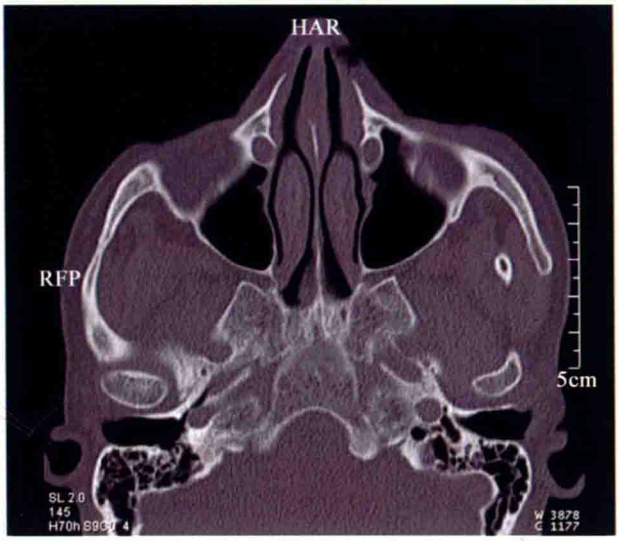


图 3-2 1. 鼻中隔;3. 下鼻甲;M. 上颌窦;20. 下颌骨;32. 鼻咽;33. 翼突内侧板;34. 翼突外侧板;41. 咽鼓管咽口;42. 咽鼓管圆枕;43. 咽隐窝

1; Nasal septum, 3; Inferior turbinate, M; Maxillary sinus, 20; Mandible 32; Nasopharynx 33; Medial pterygoid plate 34; Lateral pterygoid plate, 41; Eustachian tube opening 42; Torus tubrius 43; Fossa of Rosenmuller



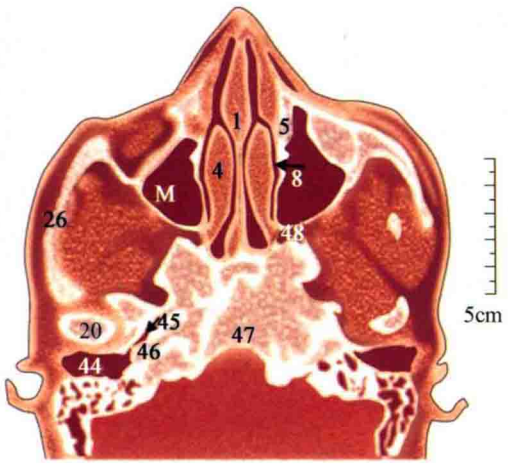
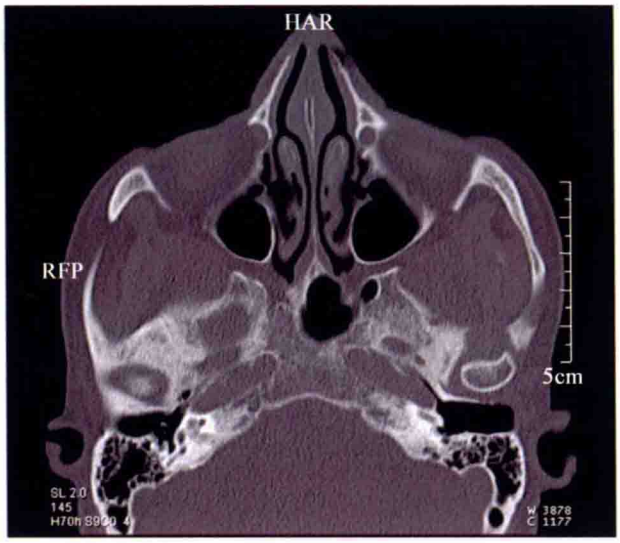


图 3-3 1. 鼻中隔;4. 中鼻甲;8. 中鼻道;M. 上颌窦;48. 翼腭窝;45. 咽鼓管;46. 颈内动脉;47. 枕骨基底部;44. 外耳道;20. 下颌骨;26. 颧弓

1; Nasal septum, 4; Middle turbinate, 8; Middle meatus, M; Maxillary sinus, 48; Pterygopalatine fossa,45; Eustachian tube 46; Internal carotid artery, 47; Basi-occiput 44; External auditory canal, 20; Mandible, 26; Zygomatic arch



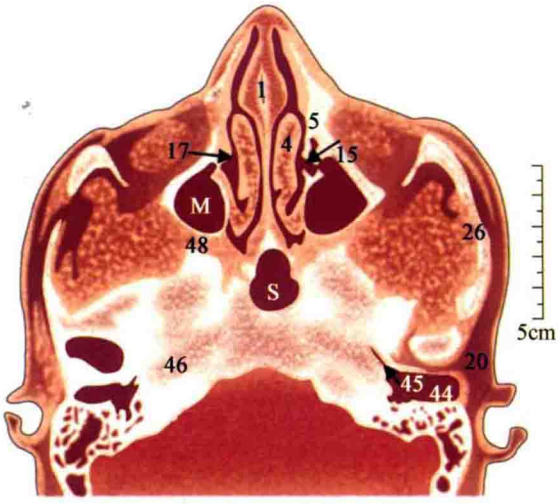
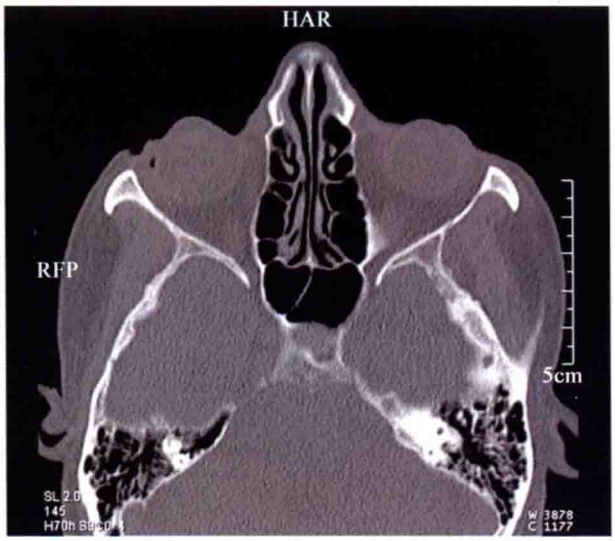


图 3-4 1. 鼻中隔;4. 中鼻甲;5. 鼻泪管;15. 半月裂孔;M. 上颌窦;S. 蝶窦;48. 翼腭窝;20. 下颌骨;44. 外耳道;45. 咽鼓管;46. 颈内动脉;26. 颧弓

1;Nasal septum, 4; Middle turbinate, 5; Nasolacrimal duct 15; Hiatus semilunaris, M; maxillary sinus; S; sphenoid sinus 48; Pterygopalatine fossa, 20; Mandible, 44; External auditory meatus 45; Eustachian tube 46; Internal carotid artery,26; Zygomatic arch



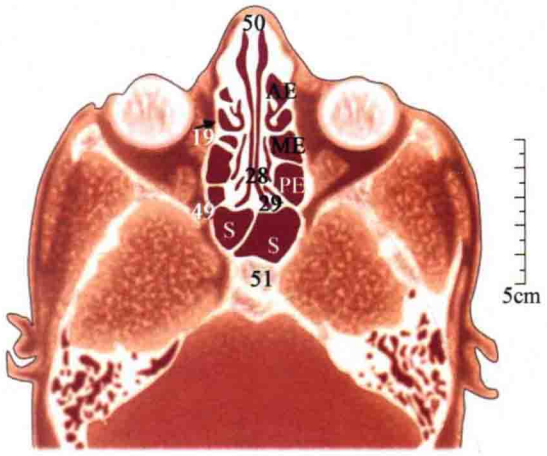
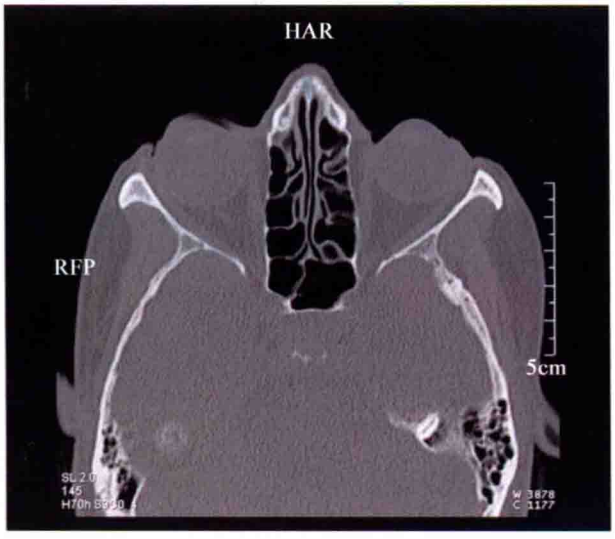


图 3-5 50. 鼻骨；S. 蝶窦；AE. 前组筛房；ME. 中组筛房；PE. 后组筛房；28. 筛骨垂直板；29. 蝶筛隐窝；49. 眶上裂；51. 垂体窝

50; Nasal bone; S; Sphenoid sinus, AE; Anterior ethmoid cells, ME; Middle ethmoid cells, PE; Posterior ethmoid-cells, 28; Perpendicular plate of ethmoid, 29; Spheno-ethmoidal recess, 49; Superior orbital fissure, 51; Pituitary fossa



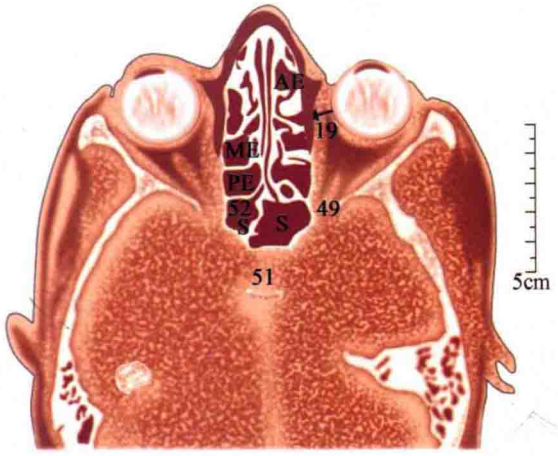


图 3-6 AE. 前组筛房；ME. 中组筛房；PE. 后组筛房；49. 眶上裂；51. 垂体窝；52. 蝶窦口

AE; Anterior ethmoid cells, ME; Middle ethmoid cells, PE; Posterior ethmoid cells, 49; Superior orbital fissure 51; Pituitary fossa, 52; Sphenoid ostium



图 3-7 ME. 中组筛房；PE. 后组筛房；S. 蝶窦；19. 筛骨纸板；28. 筛骨垂直板；30. 视神经管；54. 前床突；53. 鞍背
ME; Middle ethmoid cells, PE; Posterior ethmoid cells, S; Sphenoid sinus, 19; Lamina papyracea 28; Perpendicular plate of ethmoid, 30; Optic canal, 54; Anterior clinoid, 53; Dorsum sella

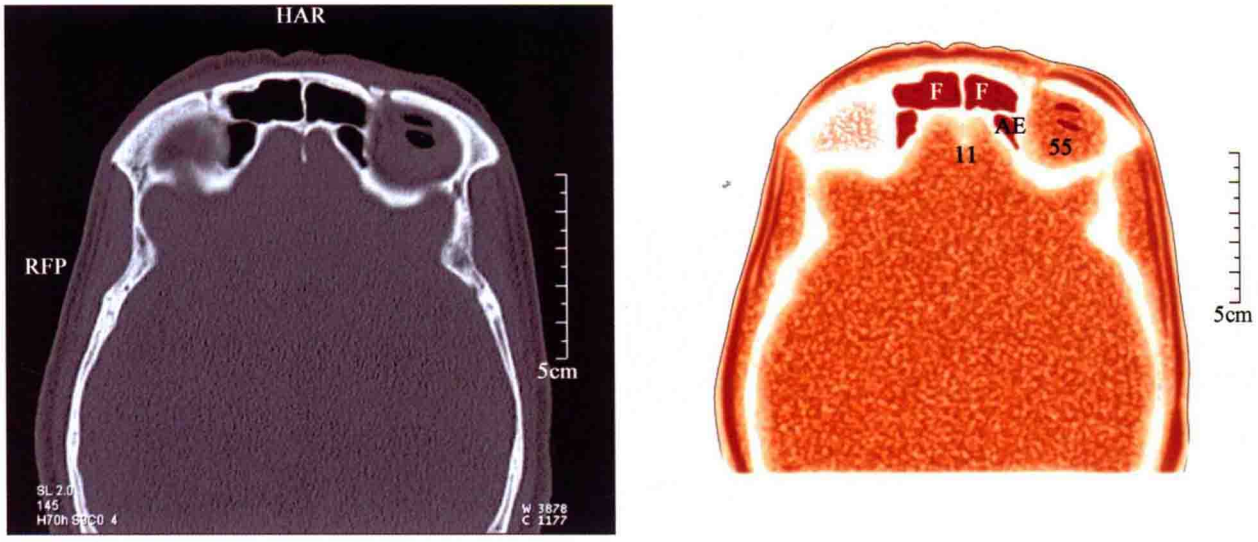
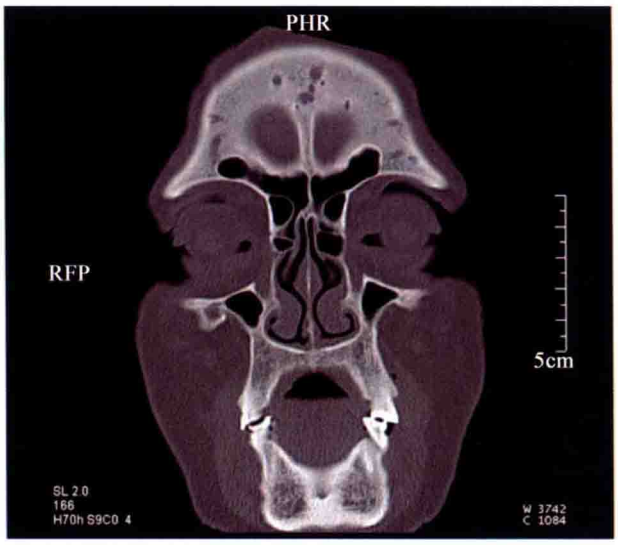


图 3-8 F. 额窦；AE. 前组筛房；11. 鸡冠；55. 眼眶
F; Frontal sinus, AE; Anterior ethmoid cells 11; Crista galli, 55; Orbit



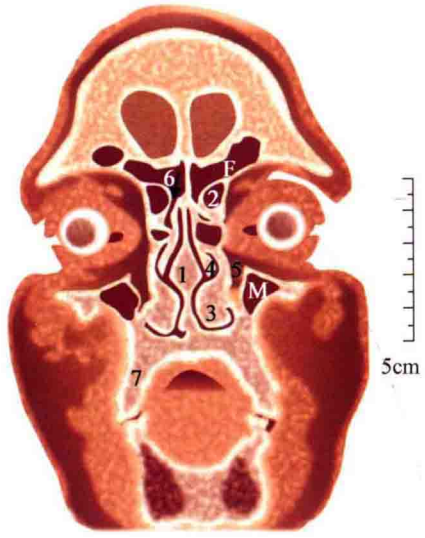
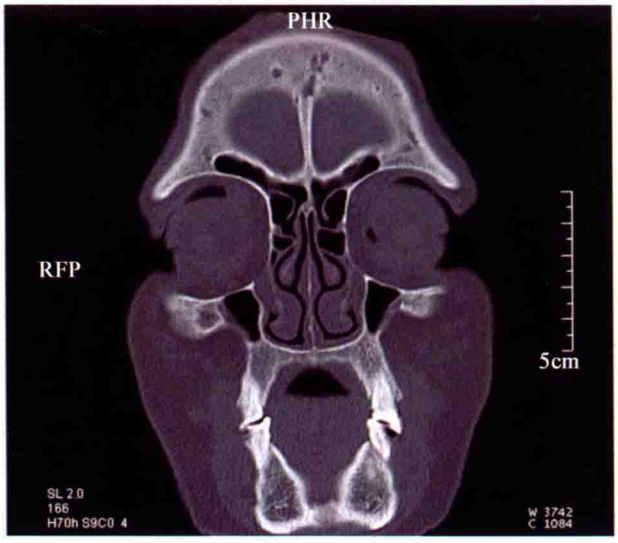


图 3-9 F. 额窦;M. 上颌窦;1. 鼻中隔;2. 鼻堤小房;3. 下鼻甲;4. 中鼻甲;5. 鼻泪管;6. 额窦开口;7. 上颌骨牙槽突
F; Frontal sinus, M; Maxillary sinus, 1; Nasal septum 2; Agger nasi cells, 3; Inferior turbinate, 4; Middle turbinate, 5; Nasolacrimal duct, 6; Frontal recess, 7; Alveolar margin of maxilla



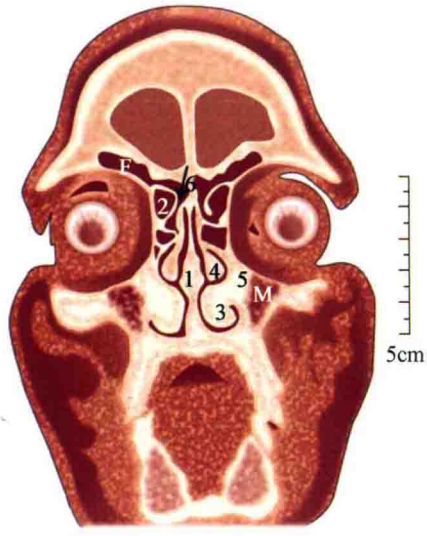


图 3-10 F. 额窦;M. 上颌窦;1. 鼻中隔;2. 鼻堤小房;3. 下鼻甲;4. 中鼻甲;5. 鼻泪管;6. 额窦开口
F; Frontal sinus, M; maxillary sinus, 1; Nasal septum 2; Agger nasi cells 3; Inferior turbinate 4; Middle turbinate 5; Nasolacrimal duct 6; Frontal recess

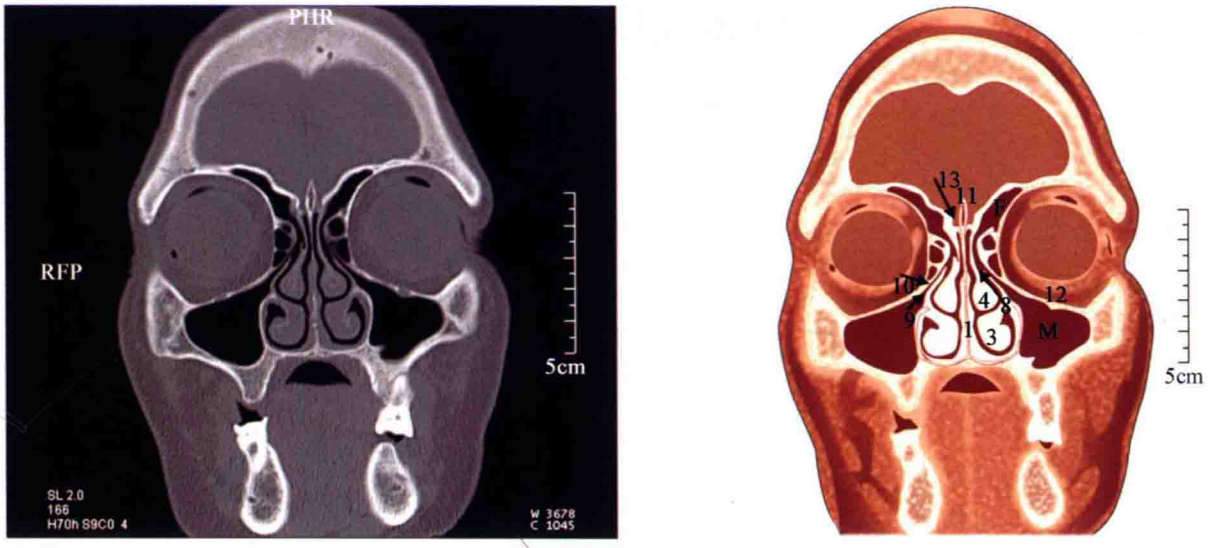


图 3-11 F. 额窦;M. 上颌窦;1. 鼻中隔;3. 下鼻甲;4. 中鼻甲;8. 中鼻道;9. 上颌窦开口;10. 漏斗;11. 鸡冠;12. 眶下孔;13. 筛板

F; Frontal sinus, M; Maxillary sinus, 1; Nasal septum, 3; Inferior turbinate 4; Middle turbinate, 8; Middle meatus,9; Primary ostium of maxillary antrum 10. Infundibulum 11. Crista galli, 12; Infraorbital foramen, 13; Cribriform plate

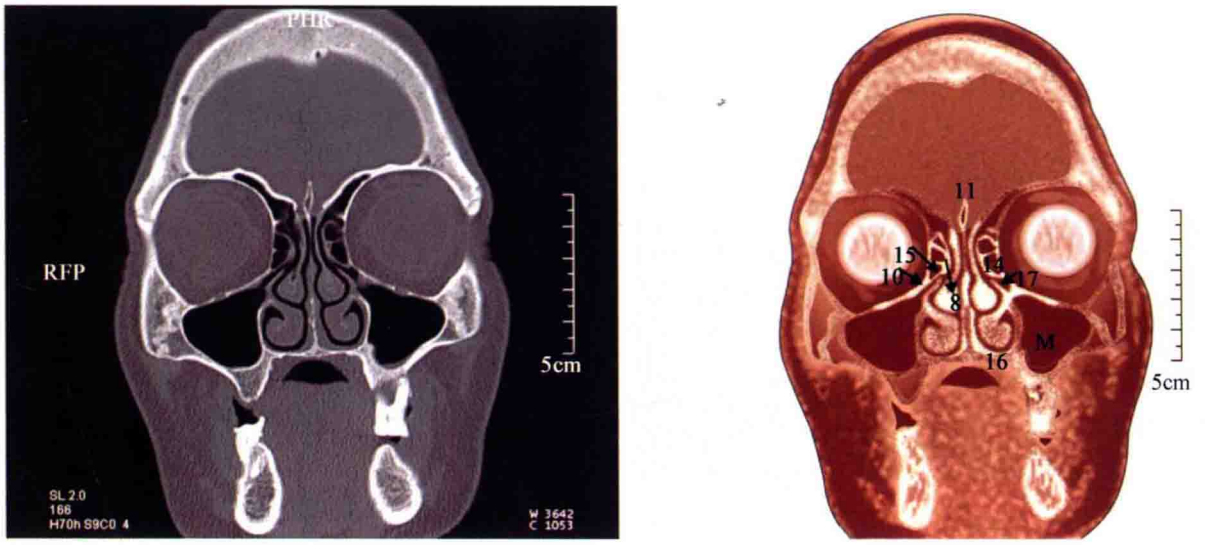


图 3-12 M. 上颌窦;8. 中鼻道;11. 鸡冠;10. 漏斗;14. 筛泡;15. 半月裂孔;16. 硬腭;17. 钩突

M; maxillary sinus, 8; Middle meatus, 11; Crista galli 10; Infundibulum 14; Bulla ethmoidalis, 15; Hiatussemilunaris 16; Hard palate, 17; Uncinate process

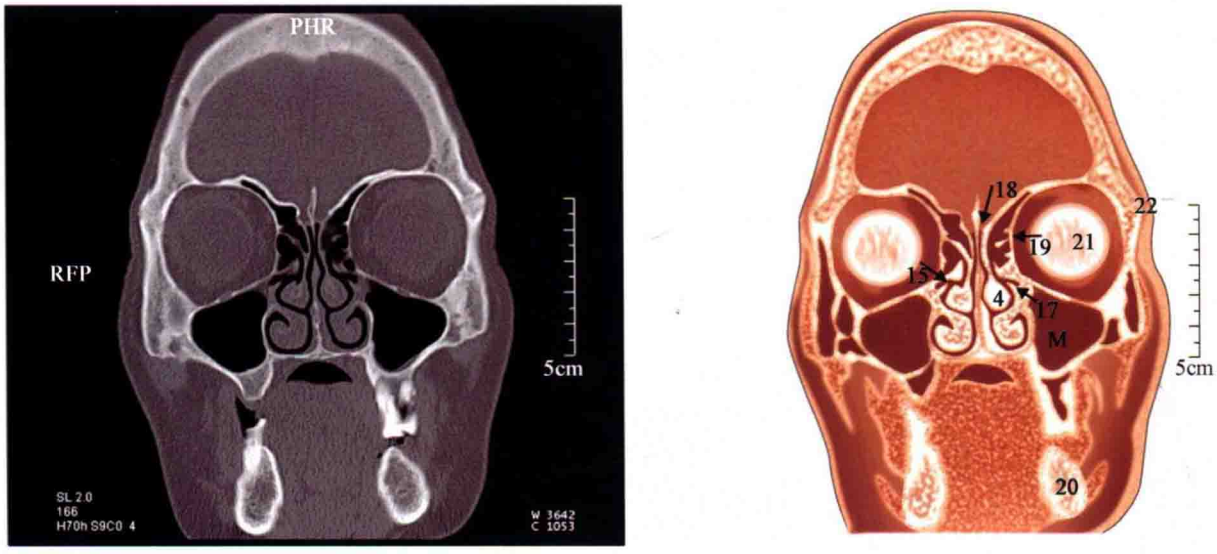


图 3-13 M. 上颌窦；4. 中鼻甲；15. 半月裂孔；17. 钩突；18. 筛凹；19. 筛骨纸板；20. 下颌骨；21. 眼球
M; Maxillary sinus, 4; Middle turbinate 15; Hiatus semilunaris 17; Uncinate process 18; Fovea ethmoidalis19; Lamina papyracea, 20; Mandible, 21; Globe

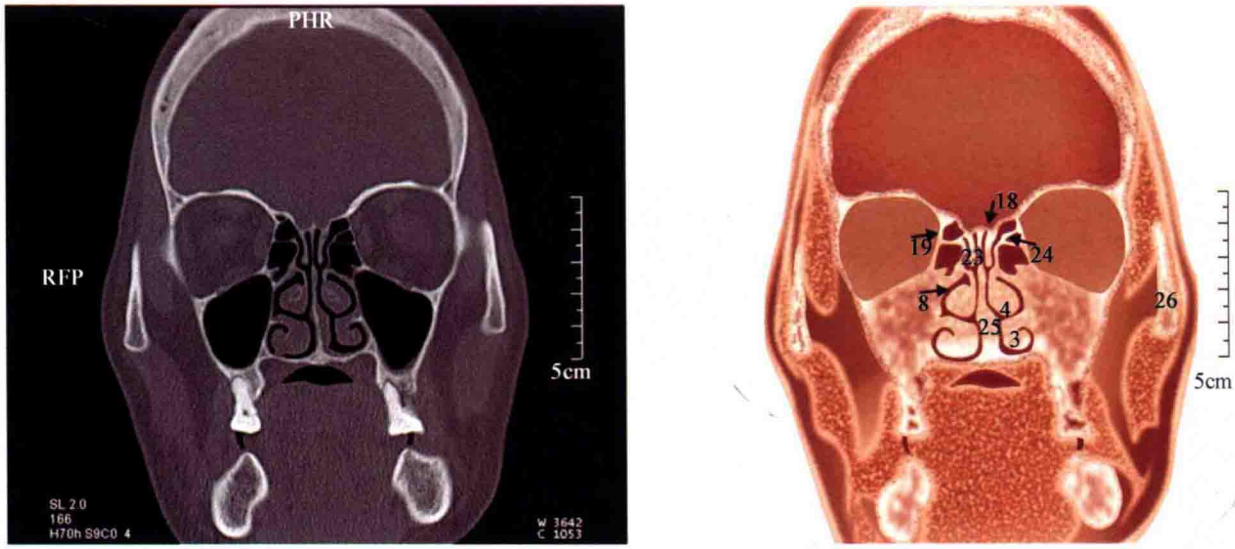


图 3-14 3. 下鼻甲；4. 中鼻甲；8. 中鼻道；18. 筛凹；19. 筛骨纸板；23. 上鼻甲；24. 基板；25. 犁骨；26. 颧弓
3; Inferior turbinate, 4; Middle turbinate, 8; Middle meatus 18; Fovea ethmoidalis, 19; Lamina papyracea, 23; superior turbinate 24; Basal lamina, 25; Vomer bone, 26; Zygomatic arch

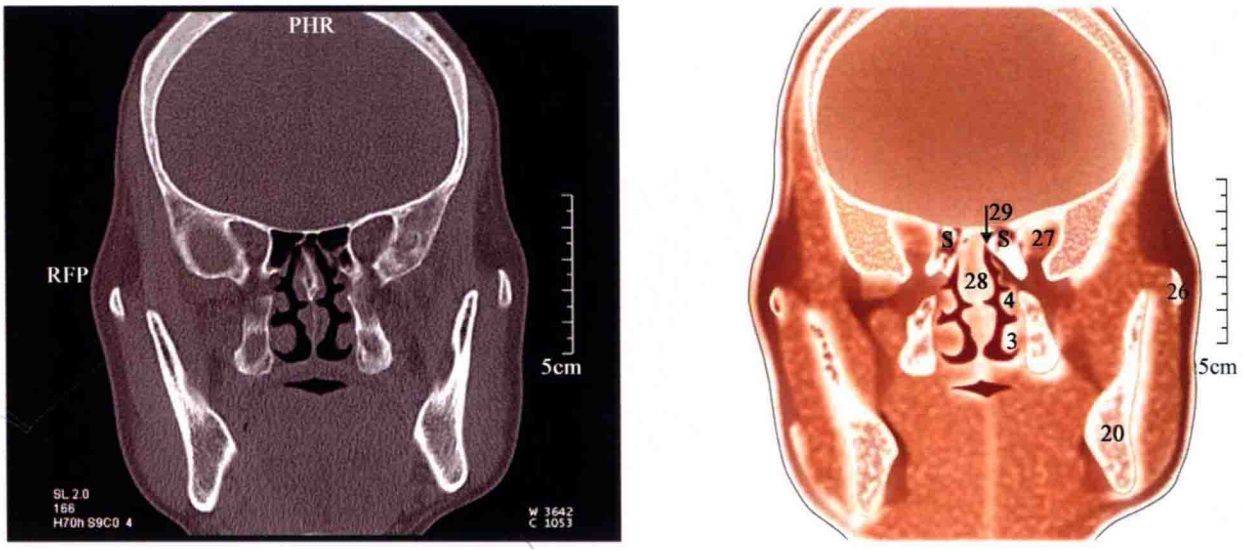


图 3-15 S. 蝶窦;3. 下鼻甲;4. 中鼻甲;20. 下颌骨;26. 颧弓;27. 眶尖;28. 筛骨垂直板;29. 蝶筛隐窝
S; Sphenoid sinus, 3; Inferior turbinate, 4; Middle turbinate, 20; Mandible, 26; Zygomatic arch, 27; Orbital apex,28; Perpendicular plate of ethmoid, 29; Spheno-ethmoidal recess

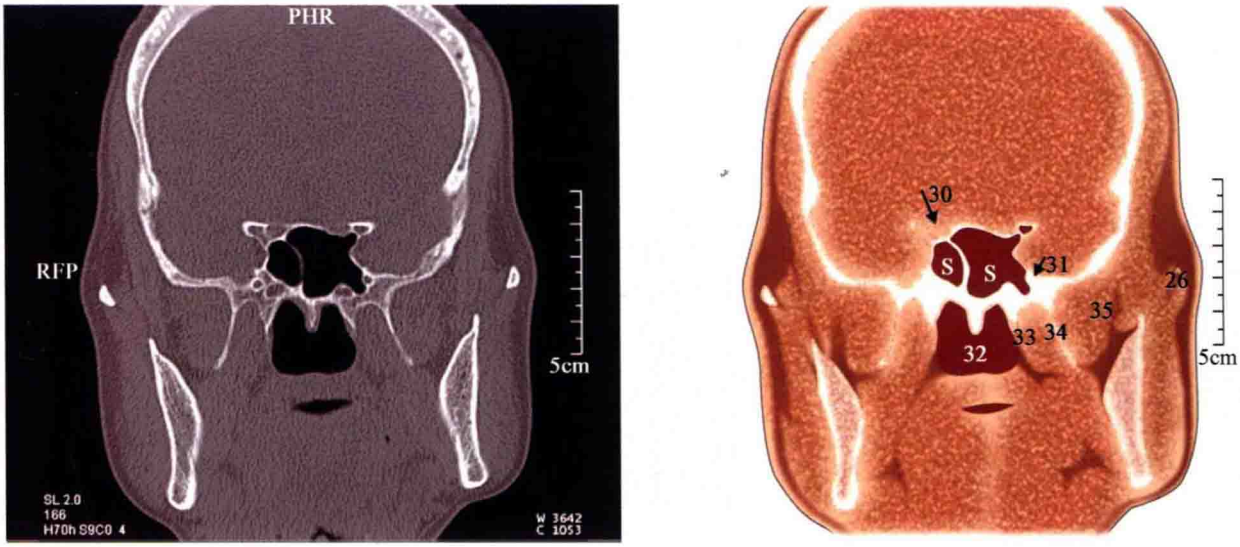
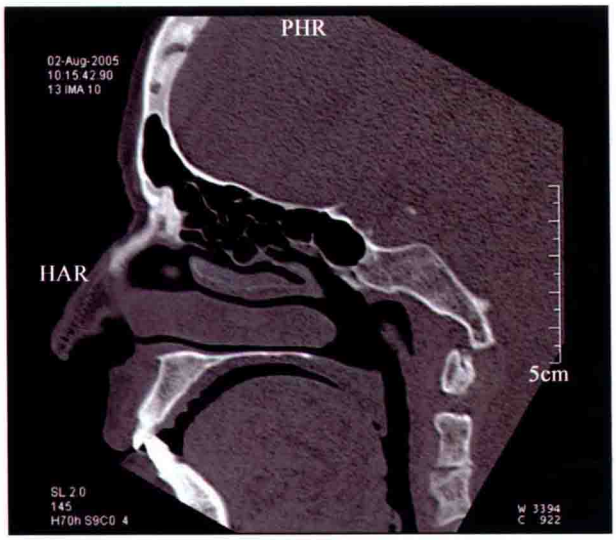


图 3-16 S. 蝶窦;28. 筛骨垂直板;30. 视神经管;31. 圆孔;32. 鼻咽;33. 翼突内侧板;34. 翼突外侧板;35. 颞下窝
S; Sphenoid sinus, 28; Perpendicular plate of ethmoid, 30; Optic canal, 31; Foramen rotundum,32; Nasopharynx, 33; Medial pterygoid plate, 34; Lateral pterygoid plate, 35; Infratemporal fossa



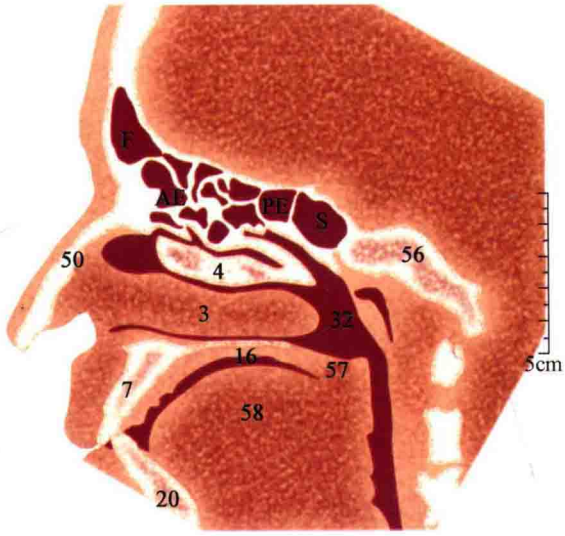
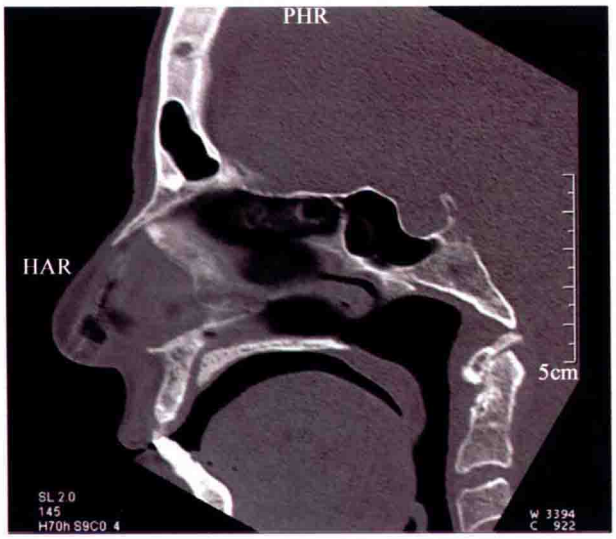


图 3-17 AE. 前组筛房；PE. 后组筛房；3. 下鼻甲；4. 中鼻甲；32. 鼻咽；50. 鼻骨；56. 枕骨斜坡；57. 软腭；58. 舌；20. 下颌骨；F. 额窦；S. 蝶窦

AE; Anterior ethmoid cells, PE; Posterior ethmoidal cells 3; Inferior turbinate, 4; Middle turbinate, 32; nasopharynx, 50; Nasal bone 56; Clivus, 57; Soft palate, 58; Tongue, 20; Mandible, F; Frontal sinus, S; Sphenoid sinus



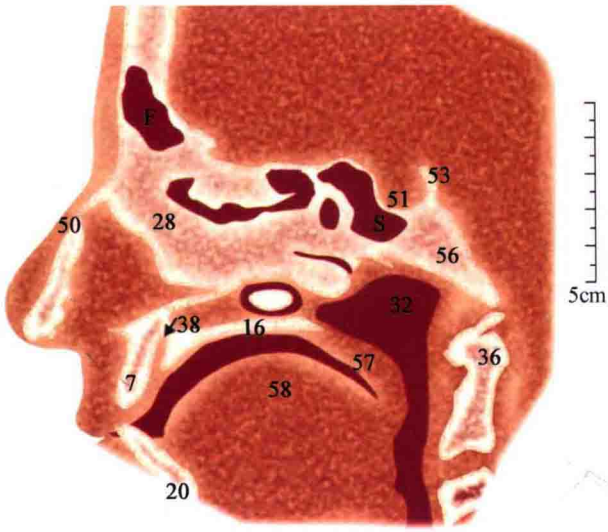


图 3-18 F. 额窦；S. 蝶窦；7. 上颌骨牙槽突；16. 硬腭；28. 筛骨垂直板；32. 鼻咽；36. 枢椎齿突；38. 切牙管；51. 垂体窝；53. 鞍背；56. 枕骨斜坡；57. 软腭；58. 舌；50. 鼻骨；20. 下颌骨

F; Frontal sinus, S; Sphenoid sinus, 7; Alveolar margin of Maxilla 16; Hard palate, 28; Perpendicular plate of ethmoid, 32; Nasopharynx, 36; Dens of axis, 38; Incisive canal, 51; Pituitary fossa, 53; Dorsum sella, 56; Clivus, 57; Soft palate, 58; Tongue, 50; Nasal bone, 20; Mandible

周围神经系统关键词

1. 鼻中隔 Nasal septum
2. 鼻堤小房 Agger nasi cells
3. 下鼻甲 Inferior turbinate
4. 中鼻甲 Middle turbinate
5. 鼻泪管 Nasolacrimal duct
6. 额窦开口 Frontal recess
7. 上颌骨牙槽突 Alveolar margin of maxilla
8. 中鼻道 Middle meatus
9. 上颌窦开口 Primary ostium of maxillaryantrum
10. 漏斗 Infundibulum
11. 鸡冠 Crista galli
12. 眶下孔 Infraorbital foramen
13. 筛板 Cribriform plate
14. 筛泡 Bulla ethmoidalis
15. 半月裂孔 Hiatus semilunaris
16. 硬腭 Hard palate
17. 钩突 Uncinate process
18. 筛凹 Fovea ethmoidalis
19. 筛骨纸板 Lamina papyracea
20. 下颌骨 Mandible
21. 眼球 Globe
22. 额颧缝 Zygomatico-frontal suture
23. 上鼻甲 Superior turbinate
24. 基板 Basal lamina
25. 犁骨 Vomer
26. 颧弓 Zygomatic arch
27. 眶尖 Orbital apex
28. 筛骨垂直板 Perpendicular plate of ethmoid
29. 蝶筛隐窝 Spheno-ethmoidal recess
30. 视神经管 Optic canal
31. 圆孔 Foramen rotundum
32. 鼻咽 Nasopharynx
33. 翼突内侧板 Medial pterygoid plate
34. 翼突外侧板 Lateral pterygoid plate
35. 颞下窝 Infratemporal fossa
36. 枢椎齿突 Dens of axis
37. 寰椎前弓 Anterior arch of atlas
38. 切牙管 Incisive canal
39. 茎突 Styloid process
40. 乳突小房 Mastoid sinus
41. 咽鼓管咽口 Eustachian tube opening
42. 咽鼓管圆枕 Torus tubarius
43. 咽隐窝 Fossa of Rosenmuller
44. 外耳道 External auditory meatus
45. 咽鼓管 Eustachian tube
46. 颈内动脉 Internal carotid artery
47. 枕骨基底部 Basi-occiput
48. 翼腭窝 Pterygopalatine fossa
49. 眶上裂 Superior orbital fissure
50. 鼻骨 Nasal bone
51. 垂体窝 Pituitary fossa
52. 蝶窦开口 Sphenoid ostium
53. 鞍背 Dorsum sella
54. 前床突 Anterior clinoid
55. 眼眶 Orbit
56. 枕骨斜坡 Clivus
57. 软腭 Soft palate
58. 舌 Tongue

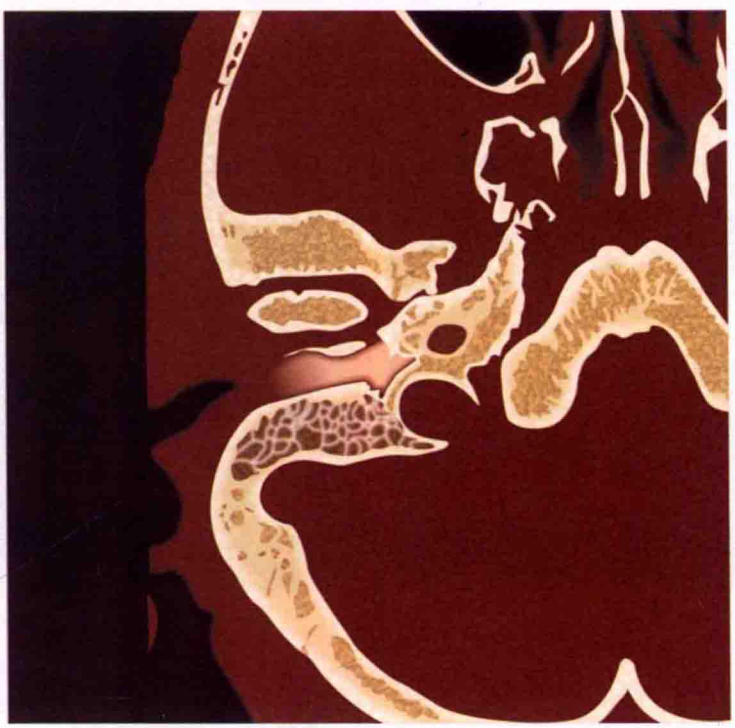
M. 上颌窦 Maxillary sinus
S. 蝶窦 Sphenoid sinus
F. 额窦 Frontal sinus
AE. 前组筛房 Anterior Ethmoid cells
ME. 中组筛房 Middle Ethmoid cells
PE. 后组筛房 Posterior Ethmoid cells

CHAPTER 4

第4章

Temporal Bones and TM Joint

颞骨及颞下颌关节



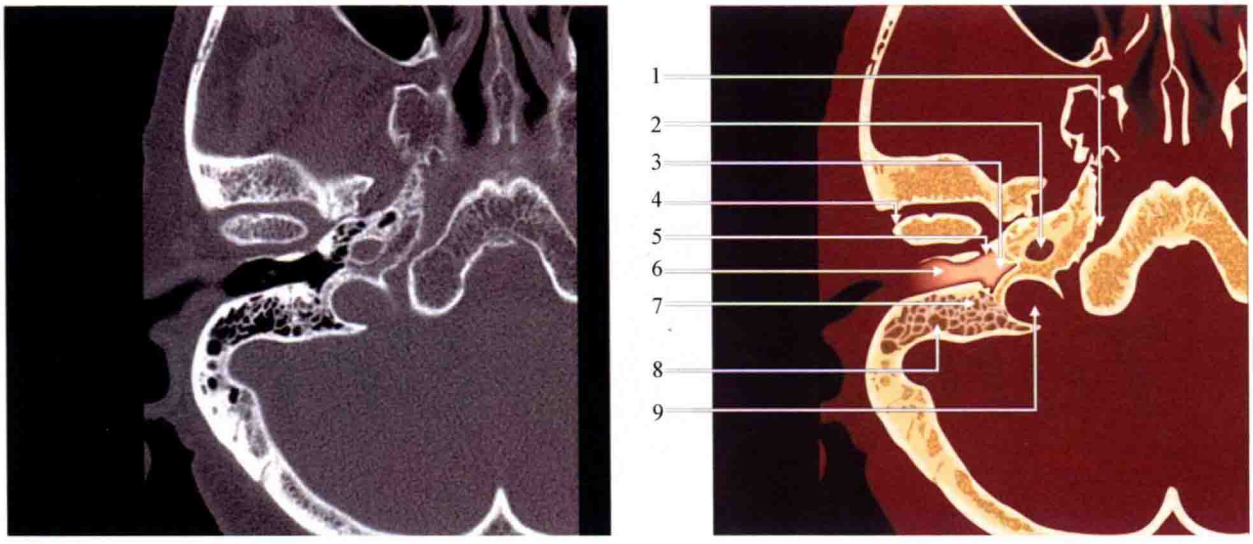


图4-1

1. 岩枕裂 Petro-occipital fissure
2. 颈动脉管 Carotid canal
3. 下鼓室 Hypotympanum
4. 颞下颌关节 TM joint
5. 边缘 Limbus
6. 外耳道 External auditory canal
7. 面神经管 Facial nerve canal
8. 乳突小房 Mastoid sinus
9. 颈静脉窝 Jugular fossa

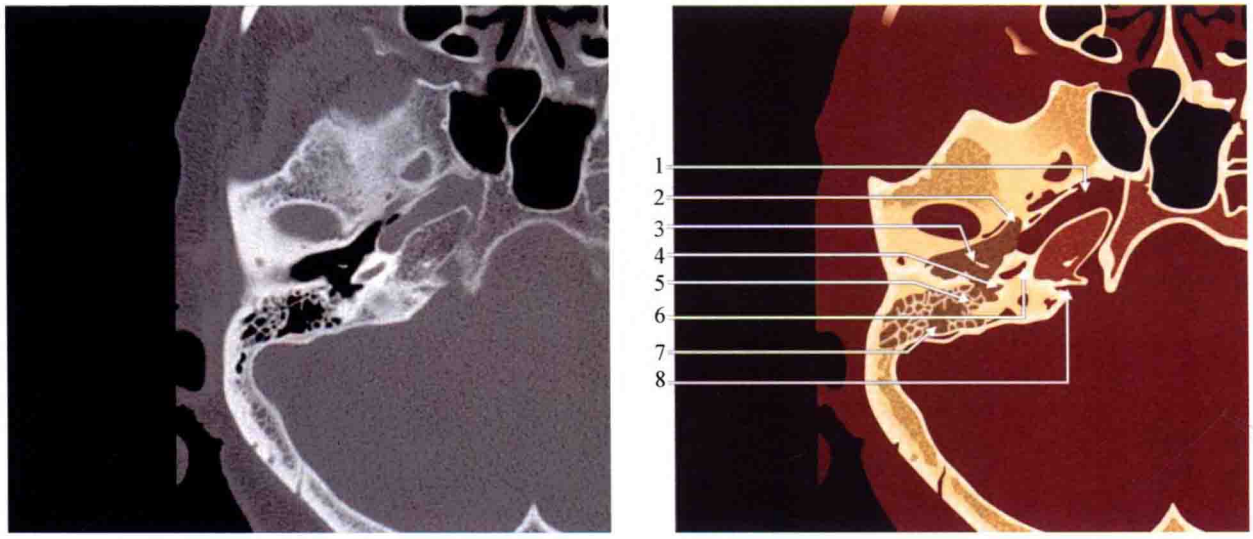


图4-2

1. 颈动脉管 Carotid canal
2. 咽鼓管 Eustachian tube
3. 锤骨长脚 Malleous, long process
4. 圆窗 Round window
5. 面神经 Facial nerve
6. 耳蜗底转 Basal turn of cochlea
7. 乳突小房 Mastoid sinus
8. 耳蜗导水管 Cochlear aqueduct

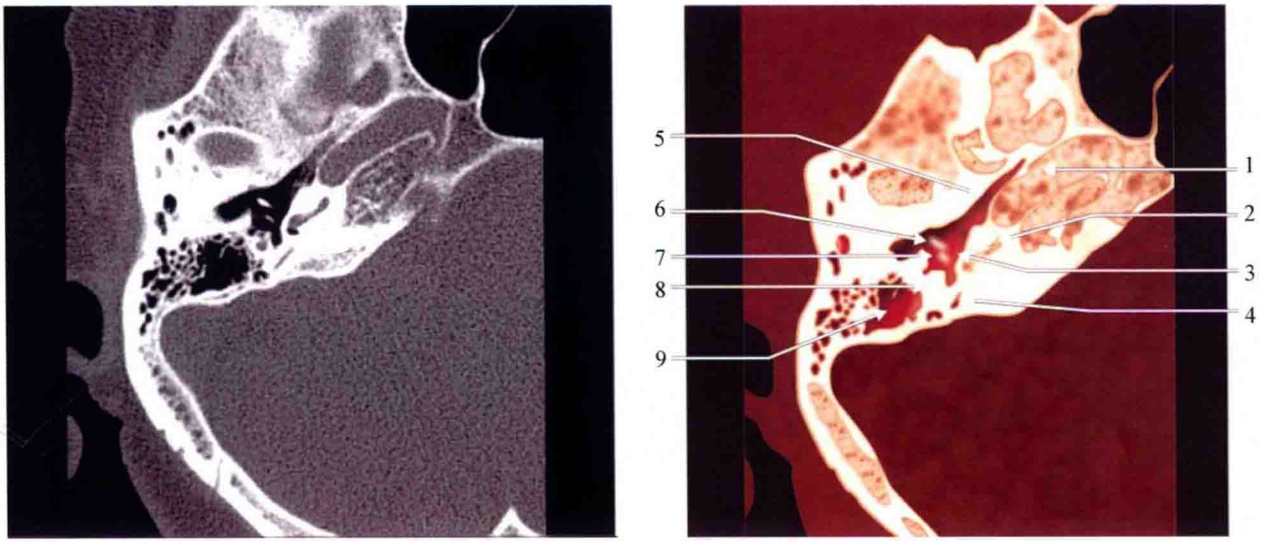


图4-3

1. 颈动脉管 Carotid canal
2. 耳蜗底转 Basal turn of cochlea
3. 中耳 Middle ear
4. 后半规管 Posterior semicircular canal
5. 鼓膜张肌 Tensor tympani
6. 锤骨柄 Malleus, manubrium
7. 砧骨长脚 Incus, long process
8. 面神经 Facial nerve
9. 乳突 Mastoid

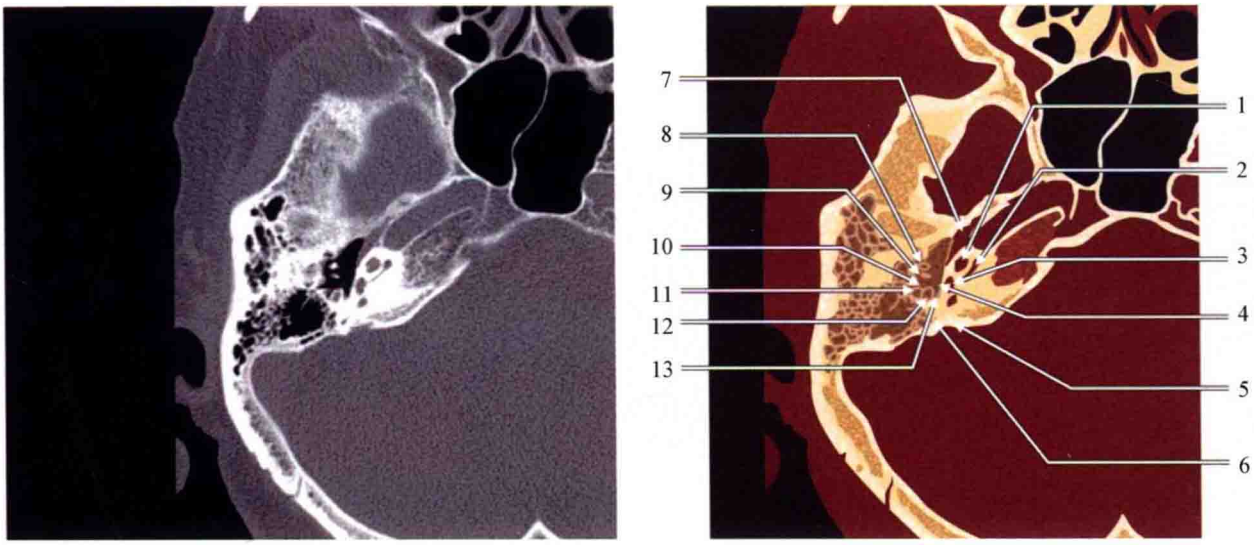


图4-4

1. 耳蜗顶转 Apical turn, cochlea
2. 耳蜗底转 Basal turn of cochlea
3. 前庭 Vestibule
4. 镫骨 Stapes bone
5. 前庭水管 Vestibular aqueduct
6. 后半规管 Posterior semicircular canal
7. 鼓膜张肌 Tensor tympani muscle
8. 锤骨 Malleus
9. 砧骨 Incus
10. 锥隆起 Pyramidal eminence
11. 面隐窝 Facial recess
12. 面神经 Facial nerve
13. 鼓室窦 Sinus tympani

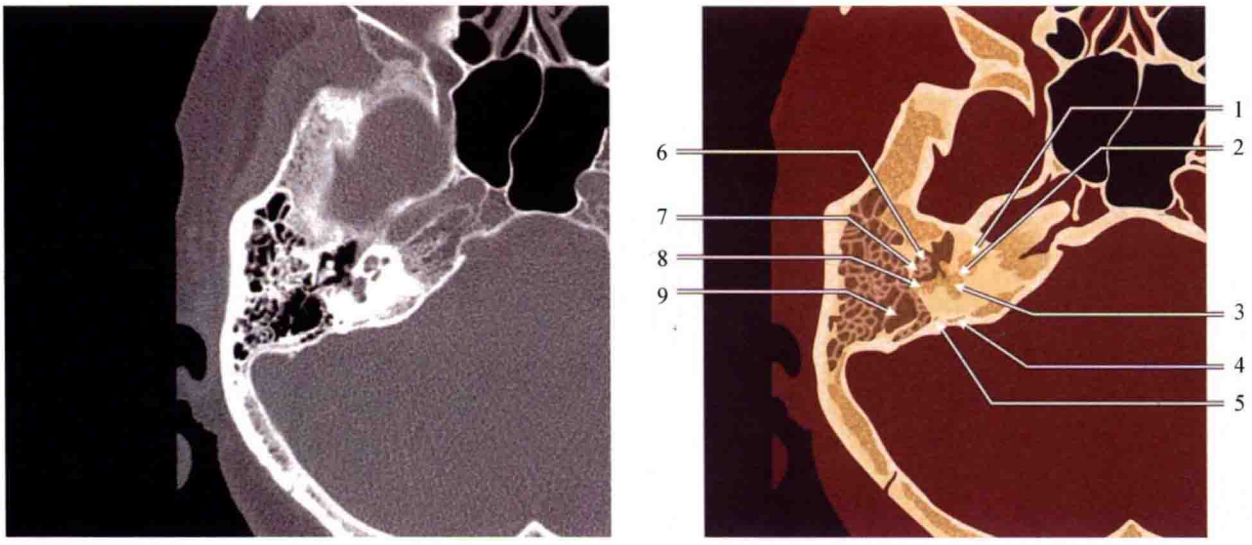


图4-5

1. 耳蜗 Cochlea
2. 前庭 Vestibule
3. 卵圆窗 Oval window
4. 前庭水管 Vestibular aqueduct
5. 后半规管 Posterior semicircular canal
6. 锤骨 Malleus
7. 砧骨 Incus
8. 面神经 Facial nerve
9. 乳突 Mastoid

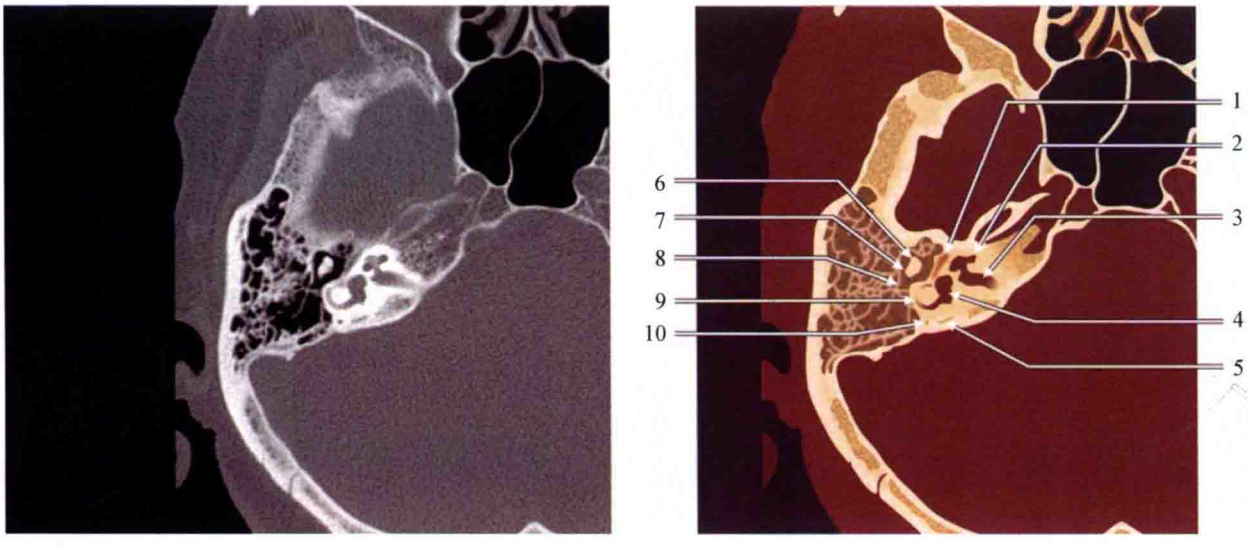


图4-6

1. 面神经 Facial nerve
2. 耳蜗 Cochlea
3. 内听道 Internal auditory canal
4. 前庭 Vestibule
5. 前庭水管 Vestibular aqueduct
6. 锤骨 Malleus
7. 砧骨 Incus
8. 乳突窦入口 Aditus ad antrum
9. 外半规管 Lateral semicircular canal
10. 后半规管 Posterior semicircular canal

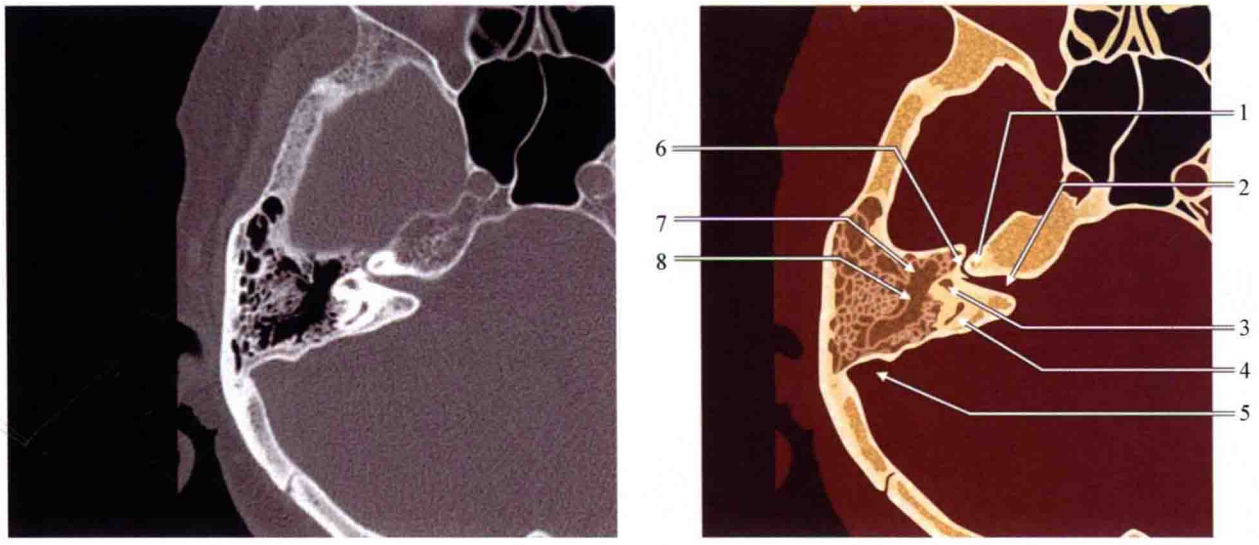


图4-7

1. 耳蜗 Cochlea
2. 内听道 Internal auditory canal
3. 前庭 Vestibule
4. 后半规管 Posterior semicircular canal
5. 乙状窦沟 Sigmoid groove
6. 面神经 Facial nerve
7. 鼓室上隐窝 Epitympanum
8. 乳突窦入口 Aditus ad antrum

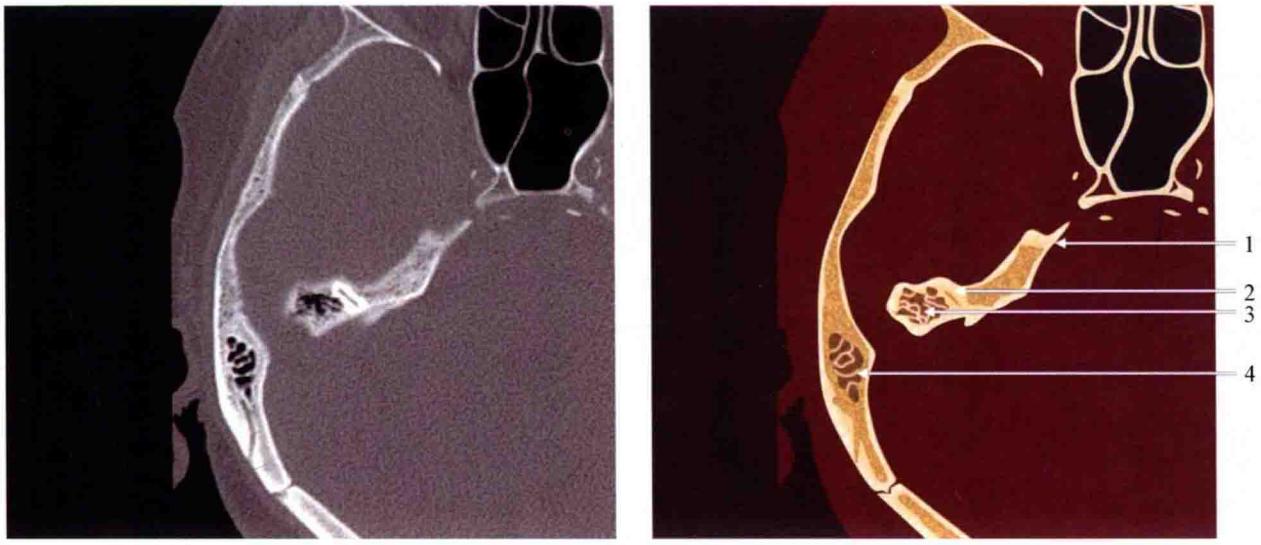


图4-8

1. 岩尖 Petrous apex
2. 上半规管 Superior semicircular canal
3. 鼓室上隐窝 Epitympanum
4. 乳突 Mastoid

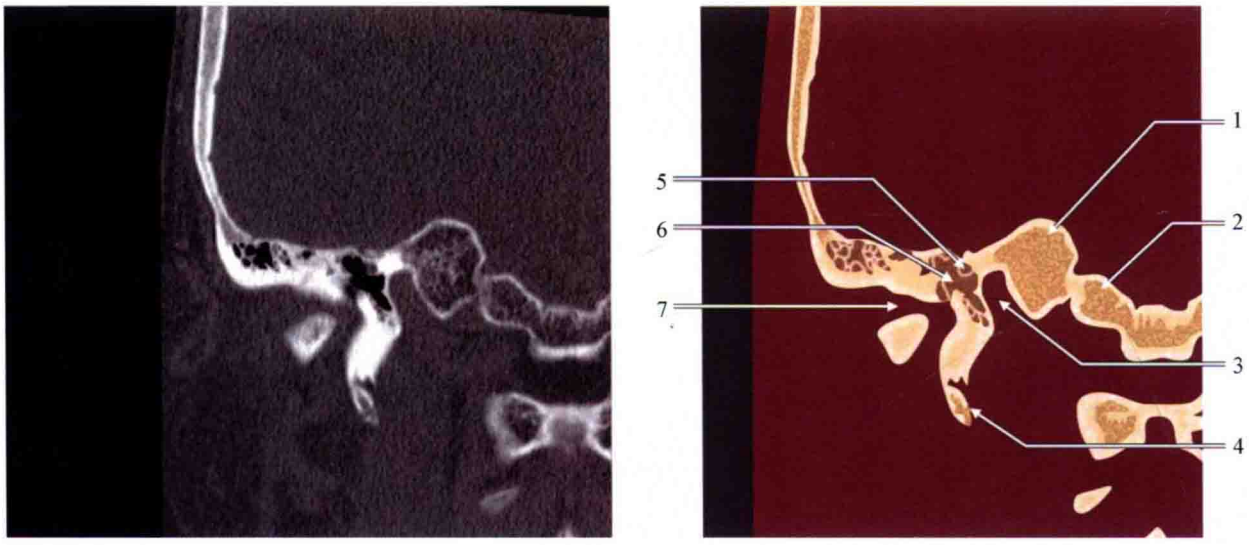


图4-9

1. 颞骨岩部 Petrous bone
2. 枕骨基底部 Basi-occiput
3. 颈动脉管 Carotid canal
4. 茎突 Styloid process
5. 鼓膜张肌 Tensor tympani muscle
6. 咽鼓管 Eustachian tube
7. 颞下颌关节 TM joint

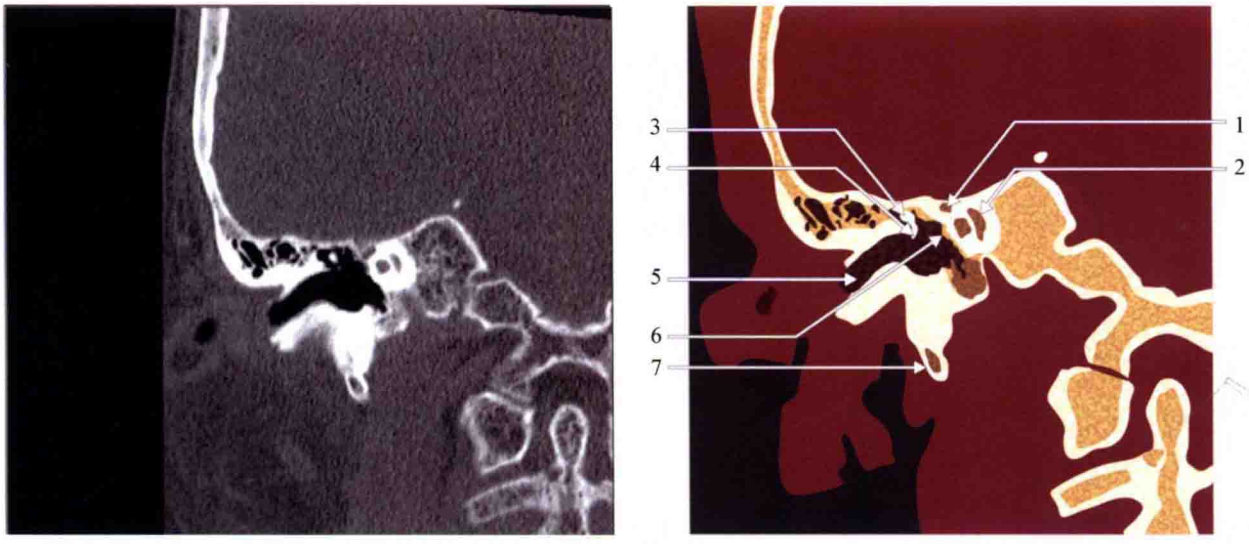


图4-10

1. 面神经前膝 Facial nerve, anterior genu
2. 耳蜗 Cochlea
3. 锤骨 Malleus
4. 砧骨 Incus
5. 外耳道 External auditory canal
6. 鼓膜张肌 Tensor tympani
7. 茎突 Styloid process

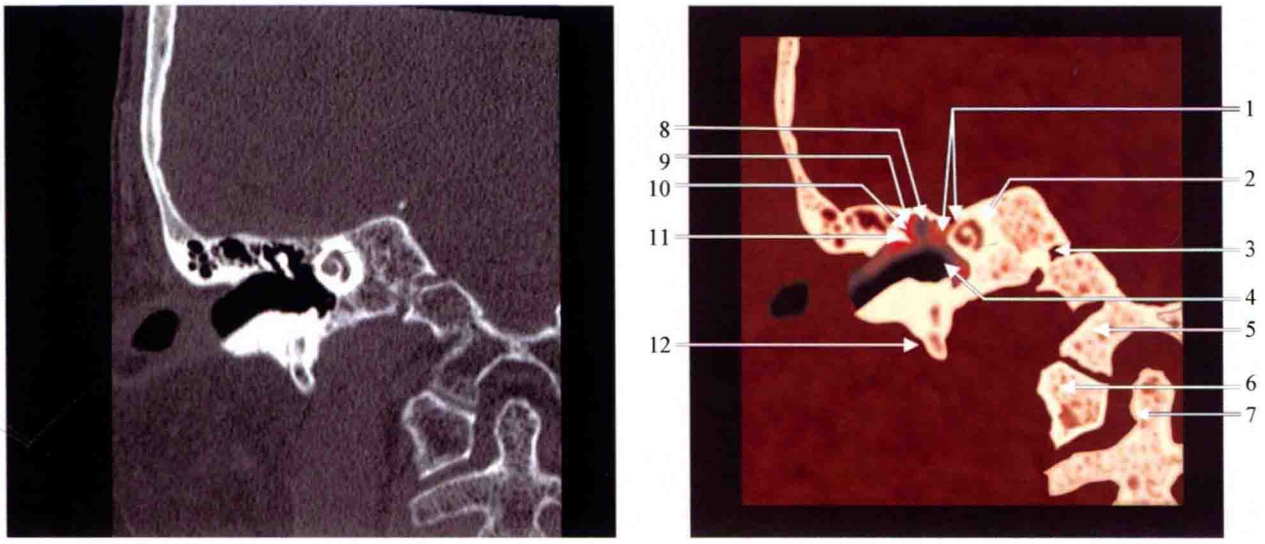


图4-11

1. 面神经 Facial nerve
2. 耳蜗 Cochlea
3. 岩枕裂 Petro-occipital fissure
4. 中耳 Middle ear
5. 枕髁 Occipital condyle
6. 寰椎侧块 Lateral mass, atlas
7. 齿突 Dens
8. 鼓室上隐窝 Epitympanum
9. 锤骨 Malleus
10. 蒲氏(Prussak)间隙 Prussak's space
11. 盾板 Scutum
12. 茎突 Styloid process

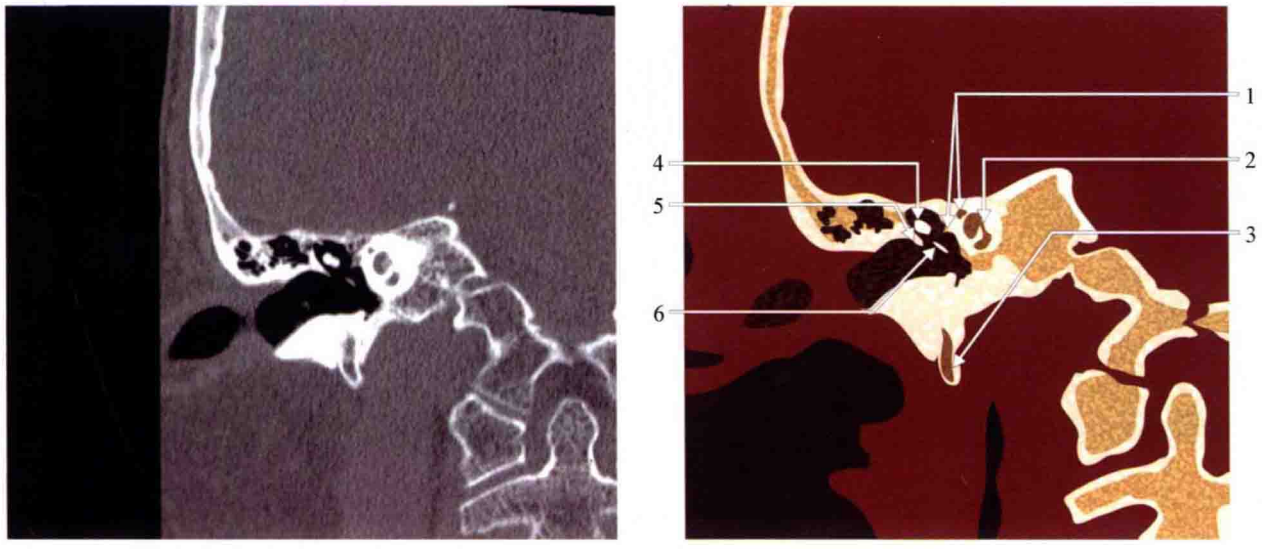


图4-12

1. 面神经 Facial nerve
2. 耳蜗 Cochlea
3. 茎突 Styloid process
4. 锤骨 Malleus
5. 盾板 Scutum
6. 砧骨 Incus

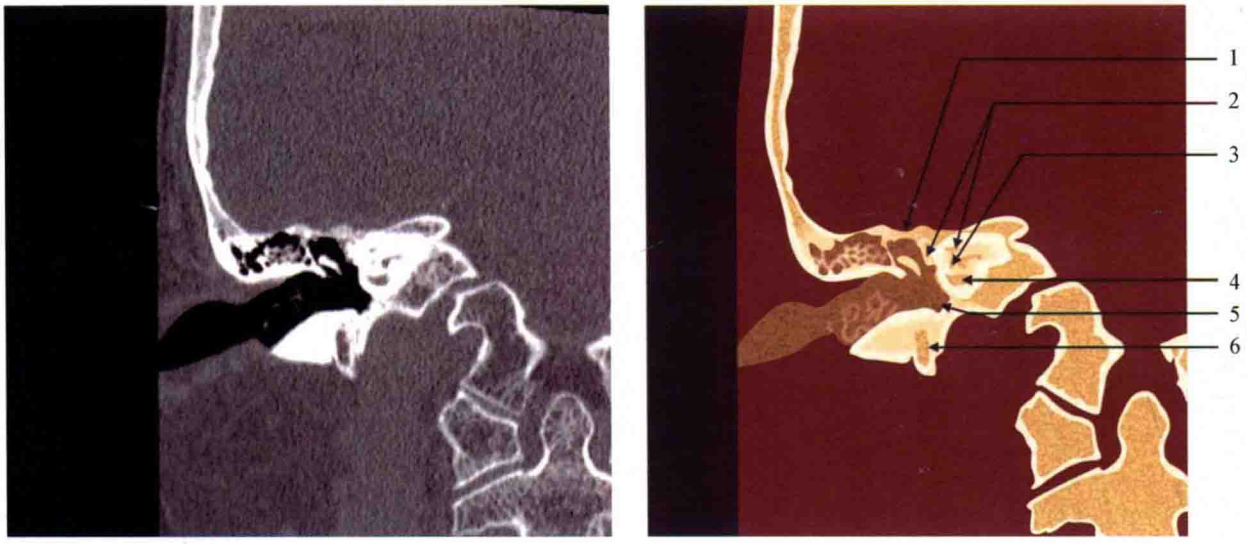


图4-13

1. 鼓室盖 Tegmen tympanum
2. 面神经 Facial nerve
3. 耳蜗中转 Cochlea, middle turn
4. 耳蜗，底转 Cochlea, basal turn
5. 下鼓室 Hypotympanum
6. 茎突 Styloid process

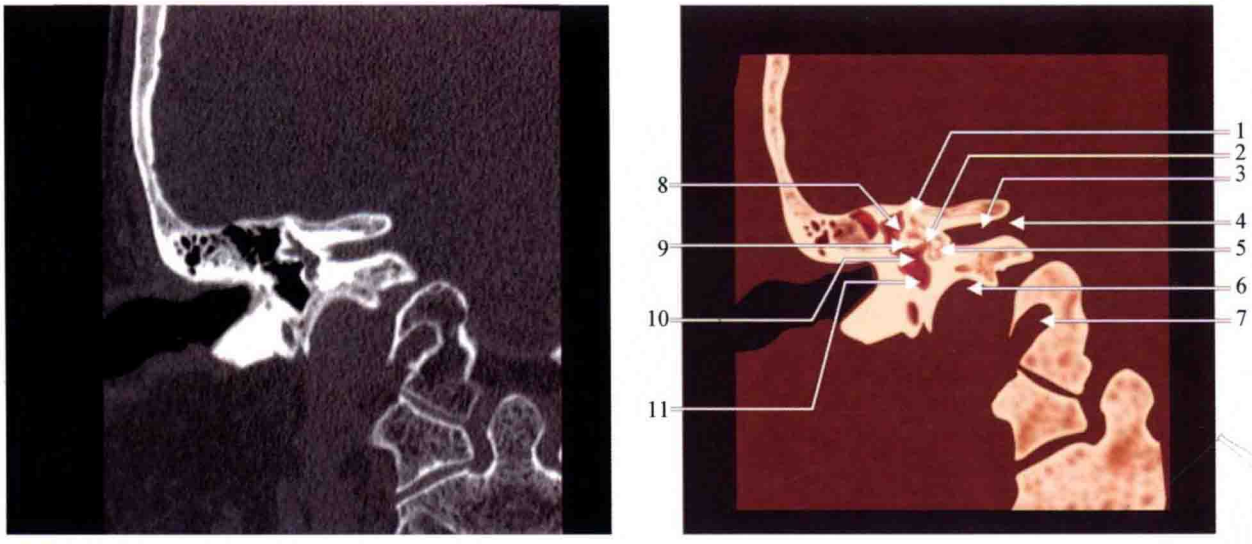


图4-14

1. 上半规管 Superior semicircular canal
2. 卵圆窗 Oval window
3. 内听道 Internal auditory canal
4. 外耳门 Porus acusticus
5. 前庭 Vestibule
6. 颈静脉窝 Jugular fossa
7. 舌下神经管 Hypoglossal cana
8. 外半规管 Lateral semicircular canal
9. 面神经 Facial nerve
10. 镫骨 Stapes
11. 下鼓室 Hypotympanum

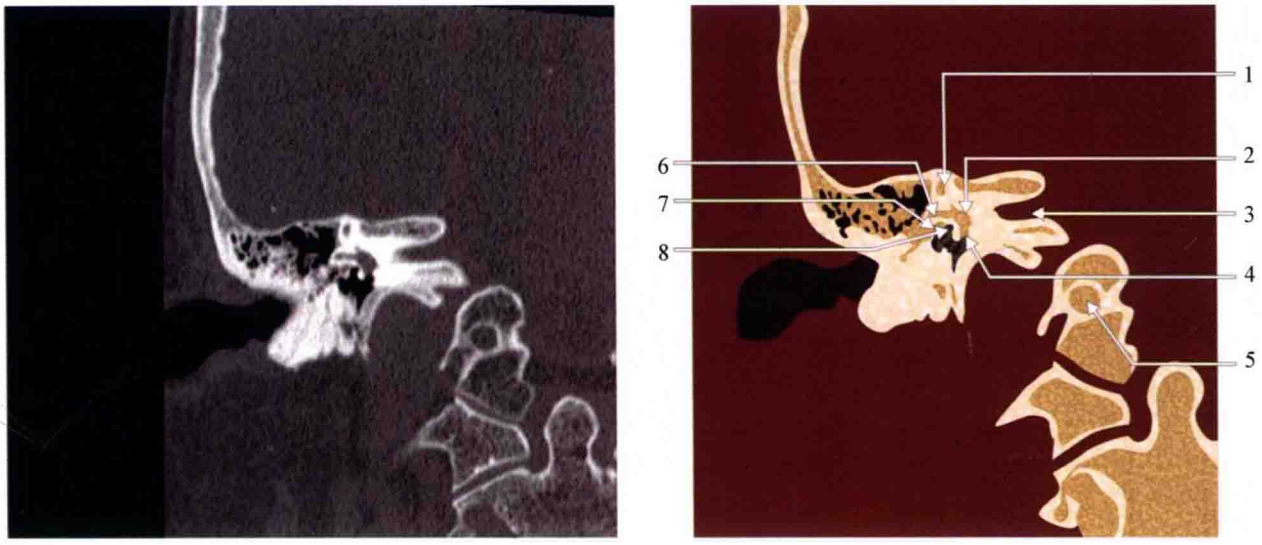


图4-15

1. 上半规管 Superior semicircular canal
2. 前庭 Vestibule
3. 内听道 Internal auditory canal
4. 圆窗 Round window
5. 舌下神经管 Hypoglossal canal
6. 外半规管 Lateral semicircular canal
7. 面神经 Facial nerve
8. 鼓室窦 Sinus tympani

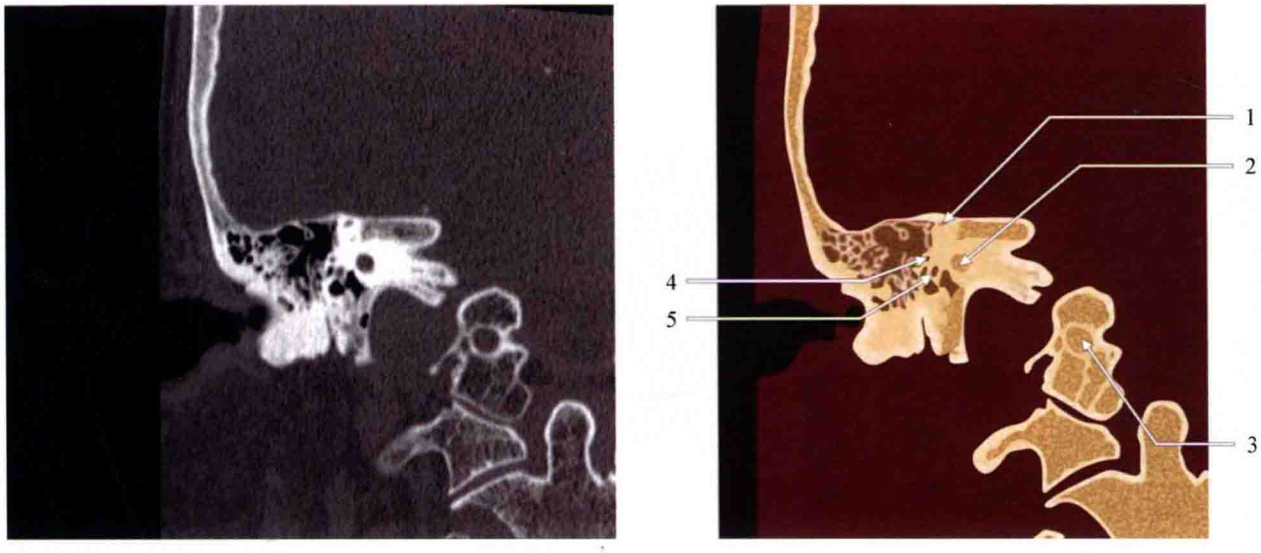


图4-16

1. 上半规管 Superior semicircular canal
2. 前庭 Vestibule
3. 舌下神经管 Hypoglossal canal
4. 外半规管 Lateral semicircular canal
5. 面神经 Facial nerve

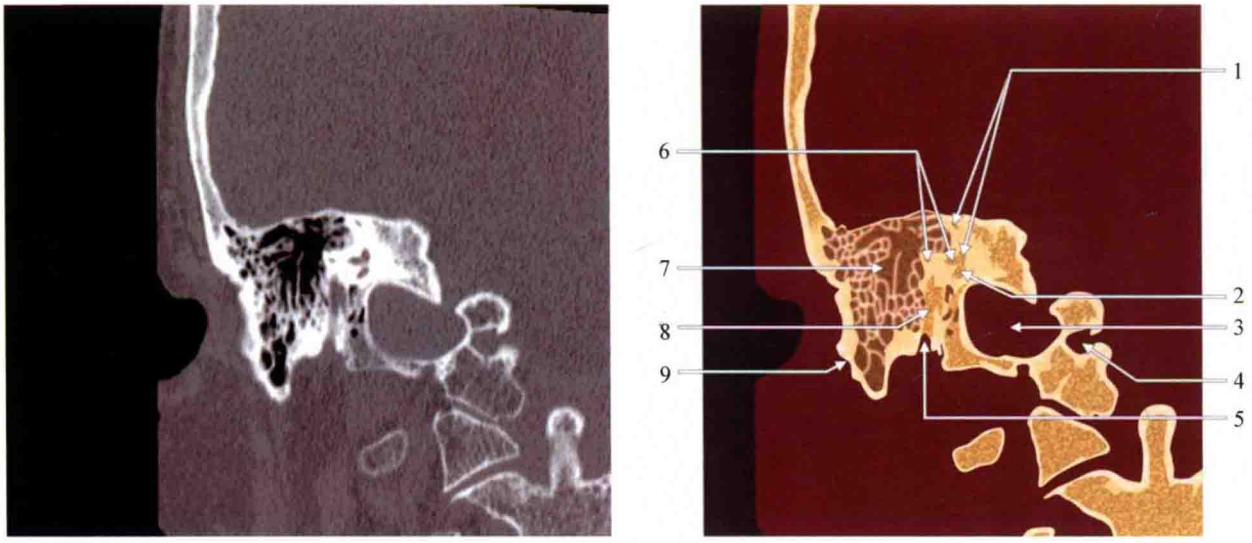


图4-17

1. 上半规管 Superior semicircular canal
2. 后半规管 Posterior semicircular canal
3. 颈静脉窝 Jugular fossa
4. 舌下神经管 Hypoglossal canal
5. 茎乳孔 Stylomastoid foramen
6. 外半规管 Lateral semicircular canal
7. 乳突小房 Mastoid sinus
8. 面神经 Facial nerve
9. 乳突 Mastoid process

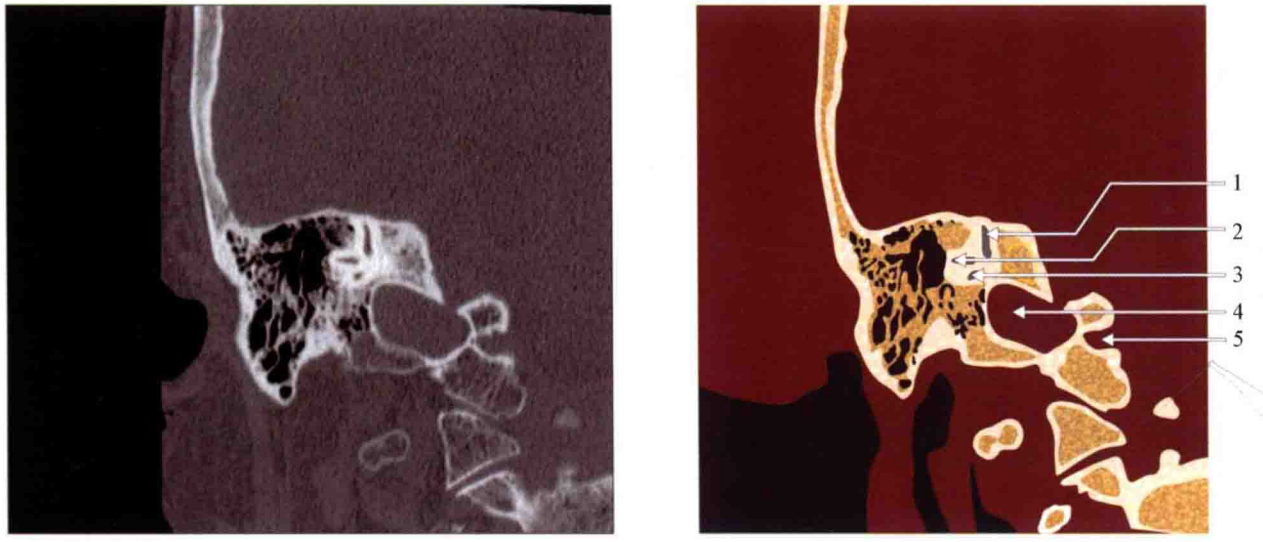


图4-18

1. 上半规管 Superior semicircular canal
2. 外半规管 Lateral semicircular canal
3. 后半规管 Posterior semicircular canal
4. 颈静脉窝 Jugular fossa
5. 舌下神经管 Hypoglossal canal

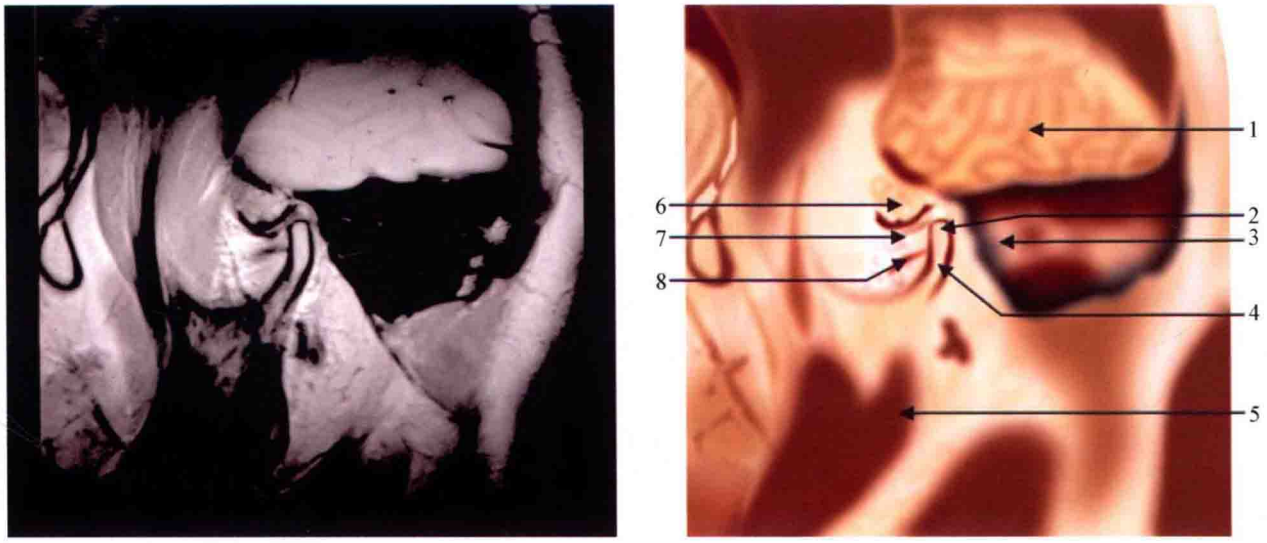


图4-19

1. 颞叶，脑 Temporal lobe, brain
2. 下颌头 Head of the mandible
3. 外听道 External auditory canal
4. 下颌颈 Neck of the mandible
5. 下颌支 Ramus of the mandible
6. 颞骨关节结节 Articular tubercle of temporal bone
7. 关节盘 Articular disk
8. 翼外肌 Lateral pterygoid muscle

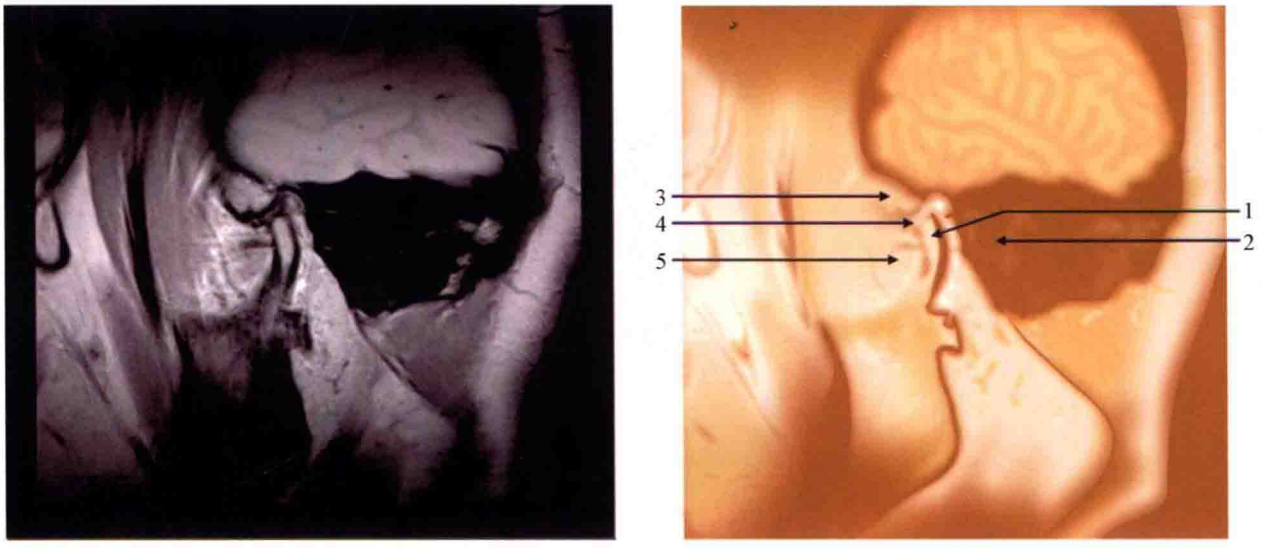


图4-20

1. 下颌头 Head, mandible
2. 外听道 External auditory canal
3. 关节结节 Articular tubercle
4. 关节盘 Articular disk
5. 翼外肌 Lateral pterygoid muscle

CHAPTER 5

第5章

Neck

颈　部





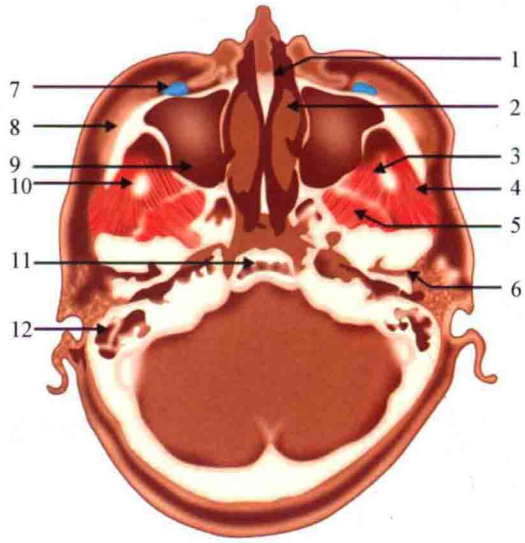
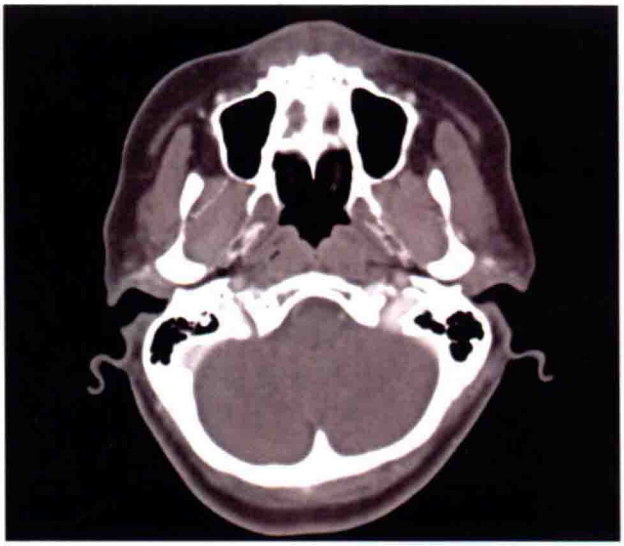


图5-1

1. 鼻中隔 Nasal septum
2. 下鼻甲 Inferior turbinate
3. 颞肌 Temporalis muscle
4. 咬肌 Masseter muscle
5. 翼外肌 Lateral pterygoid muscle
6. 颞下颌关节 TM joint
7. 面静脉 Facial vein
8. 颧骨 Zygoma
9. 上颌窦 Maxillary antrum
10. 下颌骨冠突 Coronoid process,mandible
11. 斜坡 Clivus
12. 乳突小房 Mastoid sinus



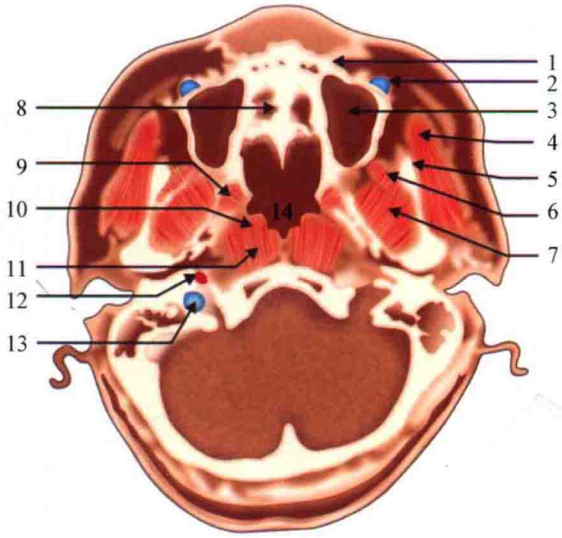


图5-2

1. 上颌骨牙槽突 Alveolar margin, maxilla
2. 面静脉 Facial vein
3. 上颌窦 Maxillary antrum
4. 咬肌 Masseter muscle
5. 下颌骨 Mandible
6. 颞肌 Temporalis muscle
7. 翼外肌 Lateral pterygoid muscle
8. 硬腭 Hard palate
9. 翼内肌 Medial pterygoid muscle
10. 咽鼓管圆枕 Torus tubarius
11. 头长肌、颈长肌 Longus capitis/collis muscle
12. 颈内动脉 Internal carotid artery
13. 颈静脉窝 Jugular fossa

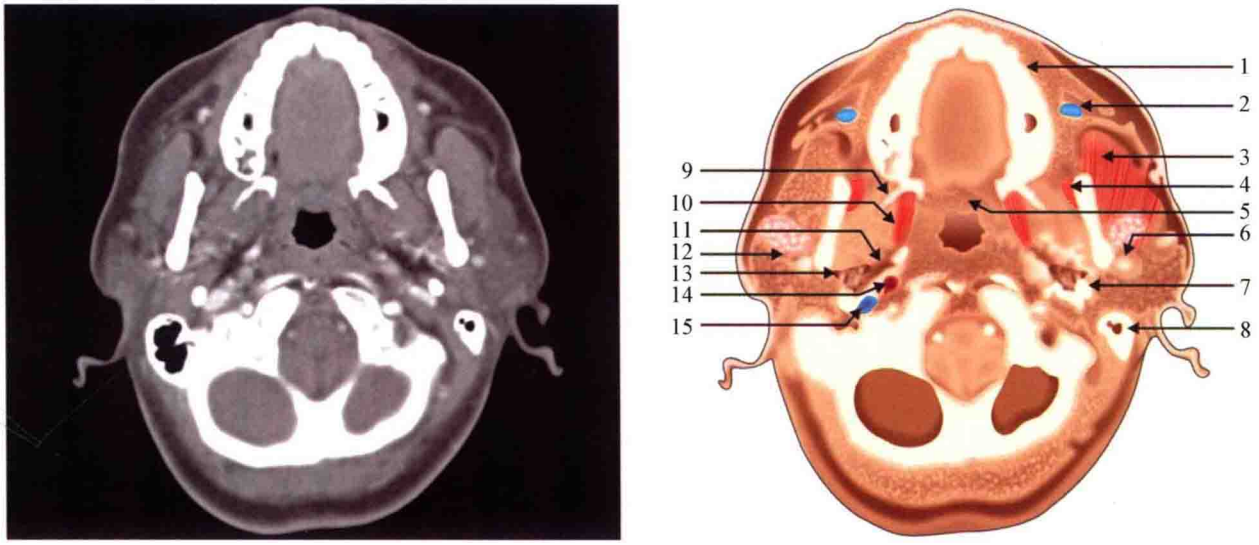


图 5-3

1. 上颌骨牙槽突　Maxilla, alveolar margin
2. 面静脉　Facial vein
3. 咬肌　Masseter
4. 颞肌　Temporalis muscle
5. 软腭　Soft palate
6. 下颌后静脉　Retromandibular vein
7. 茎突　Styloid process
8. 乳突　Mastoid
9. 翼突外侧板　Lateral pterygoid plate
10. 翼内肌　Medial pterygoid muscle
11. 咽旁间隙　Parapharyngeal space
12. 腮腺，浅叶　Parotid gland, superficial
13. 腮腺，深叶　Parotid gland, deep lobe
14. 颈内动脉　ICA
15. 颈内静脉　IJV

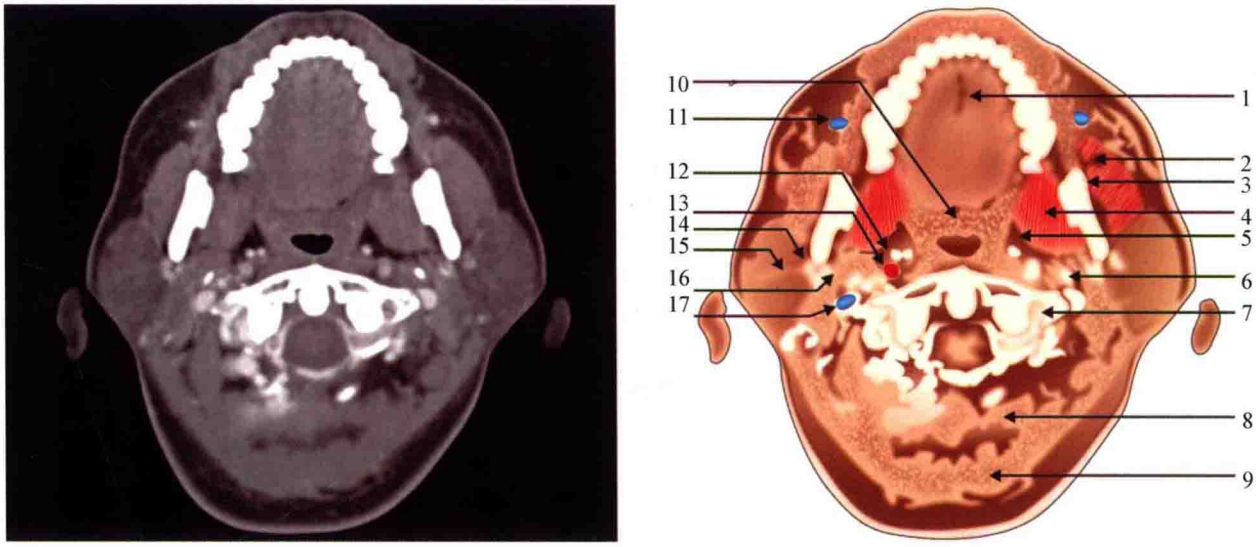
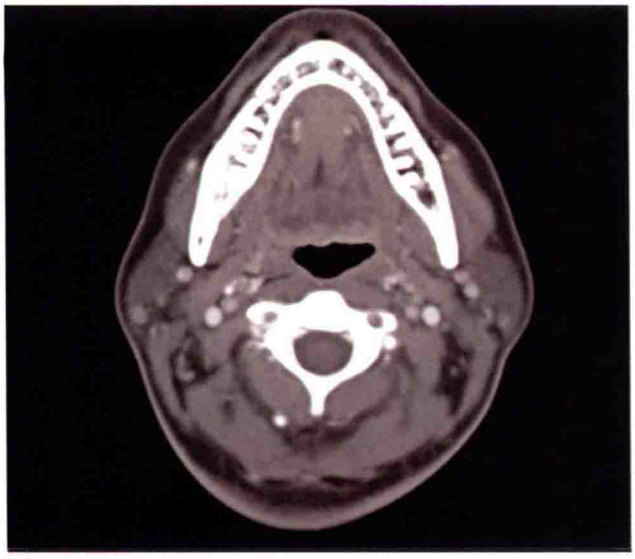


图 5-4

1. 舌　Tongue
2. 咬肌　Masseter
3. 下颌骨　Mandible
4. 翼内肌　Medial pterygoid muscle
5. 咽旁间隙　Parapharyngeal space
6. 茎突　Styloid process
7. 横突孔　Transverse foramen
8. 椎旁肌　Paraspinal muscles
9. 斜方肌　Trapezius muscle
10. 软腭　Soft palate
11. 面静脉　Facial vein
12. 咽升动脉　Ascending pharyngeal vessels
13. 颈内动脉　ICA
14. 下颌后静脉　Retromandibular vein
15. 腮腺　Parotid gland
16. 腮腺，深叶　Parotid, deep lobe
17. 颈内静脉　IJV



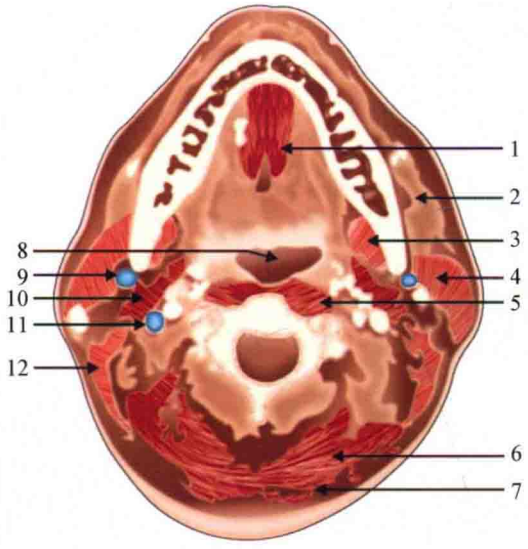
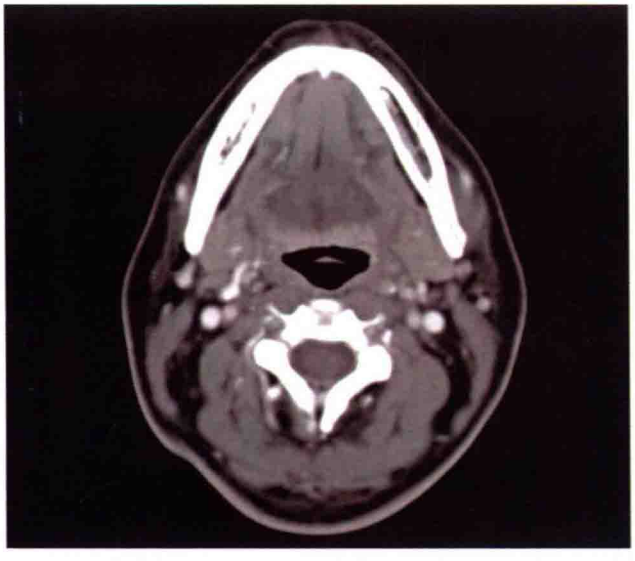


图 5-5

1. 颏舌肌 Genioglossus muscle
2. 咬肌 Masseter muscle
3. 翼内肌 Medial pterygoid muscle
4. 腮腺 Parotid gland
5. 颈长肌 Longus collis muscle
6. 夹肌 Splenius muscle
7. 斜方肌 Trapezius muscle
8. 口咽 Oropharynx
9. 下颌后静脉 Retromandibular vein
10. 二腹肌，后腹 Digastric muscle, post belly
11. 颈内静脉 IJV
12. 胸锁乳突肌 Sternocleidomastoid muscle



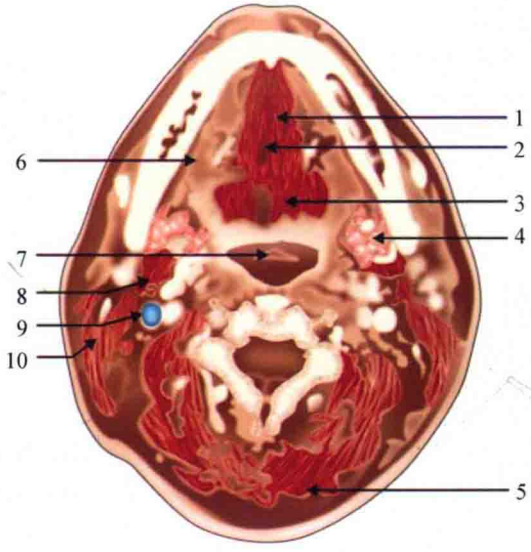
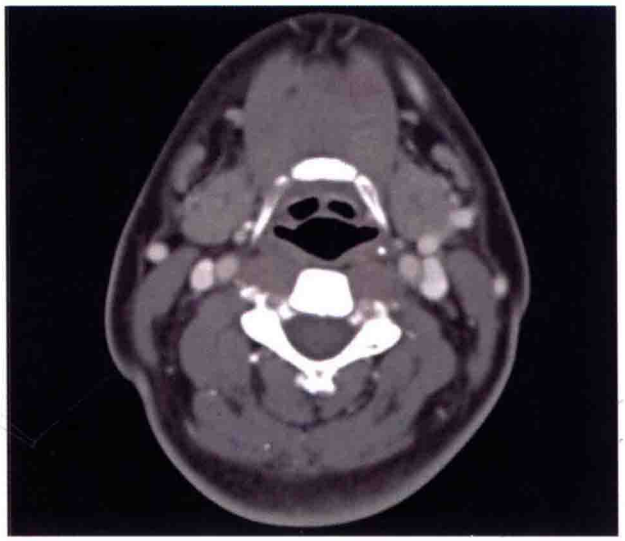


图 5-6

1. 颏舌肌 Genioglossus muscle
2. 舌中隔 Lingual septum
3. 舌骨舌肌 Hyoglossus muscle
4. 颌下腺 Submandibular gland
5. 斜方肌 Trapezius muscle
6. 下颌舌骨肌 Mylohyoid
7. 会厌 Epiglottis
8. 二腹肌 Digastric muscle
9. 颈内静脉 IJV
10. 胸锁乳突肌 Sternocleidomastoid muscle



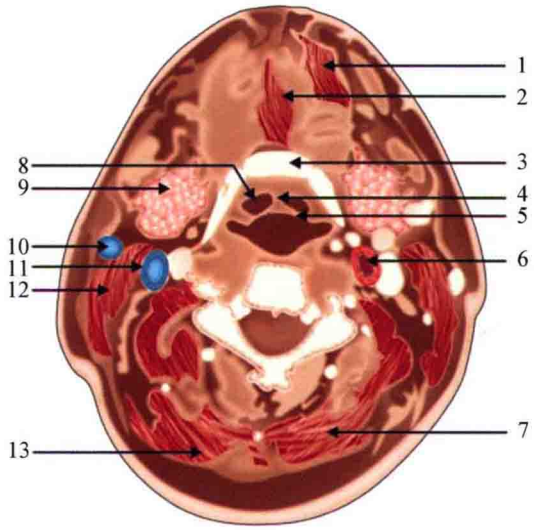


图 5-7

1. 二腹肌 Digastric muscle
2. 下颌舌骨肌 Mylohyoid muscle
3. 舌骨体 Hyoid bone, body
4. 舌会厌正中襞 Median glosso-epiglottic fold
5. 会厌 Epiglottis
6. 颈动脉 Carotid artery
7. 夹肌 Splenius muscle
8. 会厌谷 Vallecula
9. 颌下腺 Submandibular gland
10. 颈外静脉 External jugular vein
11. 颈内静脉 Internal jugular vein
12. 胸锁乳突肌 Sternocleidomastoid muscle
13. 斜方肌 Trapezius muscle



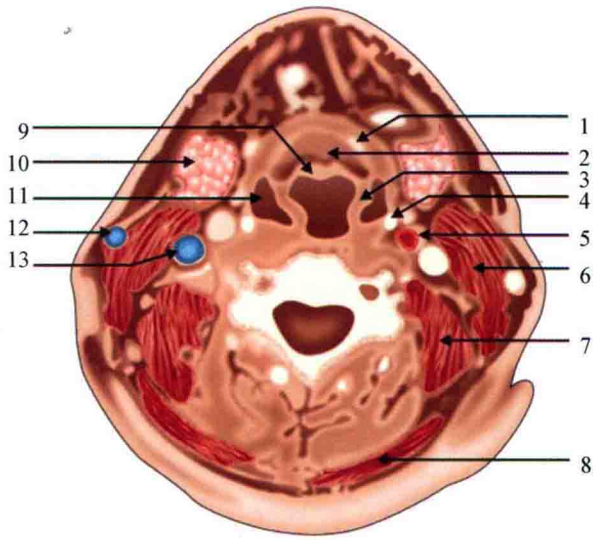


图 5-8

1. 甲状软骨 Thyroid cartilage
2. 会厌前间隙 Preepiglottic space
3. 杓状会厌襞 Aryepiglottic fold
4. 甲状软骨，上角 Superior horn, thyroid cartilage
5. 颈总动脉 Common carotid artery
6. 胸锁乳突肌 Sternocleidomastoid muscle
7. 肩胛提肌 Levator scapulae
8. 斜方肌 Trapezius
9. 会厌 Epiglottis
10. 颌下腺 Submandibular gland
11. 梨状隐窝 Pyriform sinus
12. 颈外静脉 External jugular vein
13. 颈内静脉 Internal jugular vein



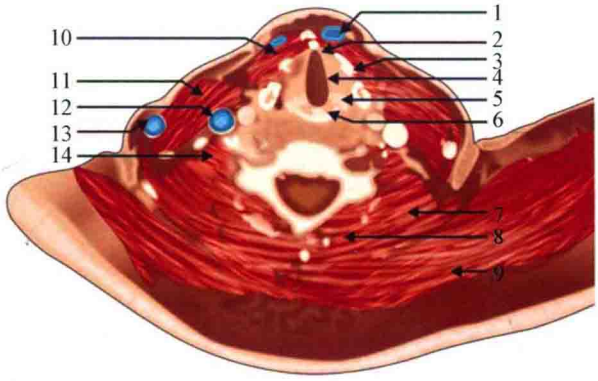


图 5-9

1. 颈前静脉 Anterior jugular vein
2. 前连合 Anterior commissure
3. 甲状软骨 Thyroid cartilage
4. 声带 Vocal cord
5. 杓状软骨 Arytenoid cartilage
6. 环状软骨 Cricoid cartilage
7. 肩胛提肌 Levator scapulae
8. 椎旁肌 Paraspinal muscles
9. 斜方肌 Trapezius muscle
10. 带状肌 Strap muscles
11. 胸锁乳突肌 Sternocleidomastoid muscle
12. 颈外静脉 Internal jugular vein
13. 颈内静脉 External jugular vein
14. 中斜角肌 Middle scalene muscle



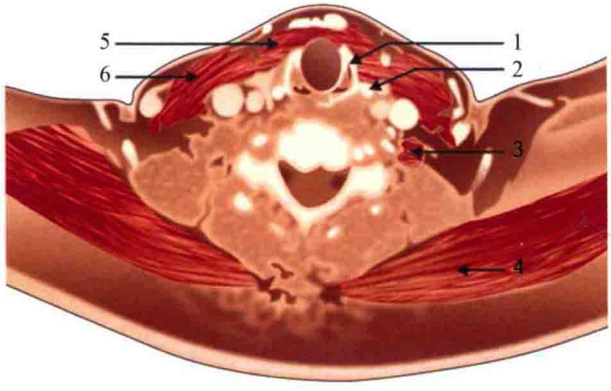


图 5-10

1. 环状软骨 Cricoid cartilage
2. 甲状软骨下角 Inferior horn of thyroid cartilage
3. 中斜角肌 Middle scalene muscle
4. 斜方肌 Trapezius muscle
5. 带状肌 Strap muscle
6. 胸锁乳突肌 Sternocleidomastoid muscle

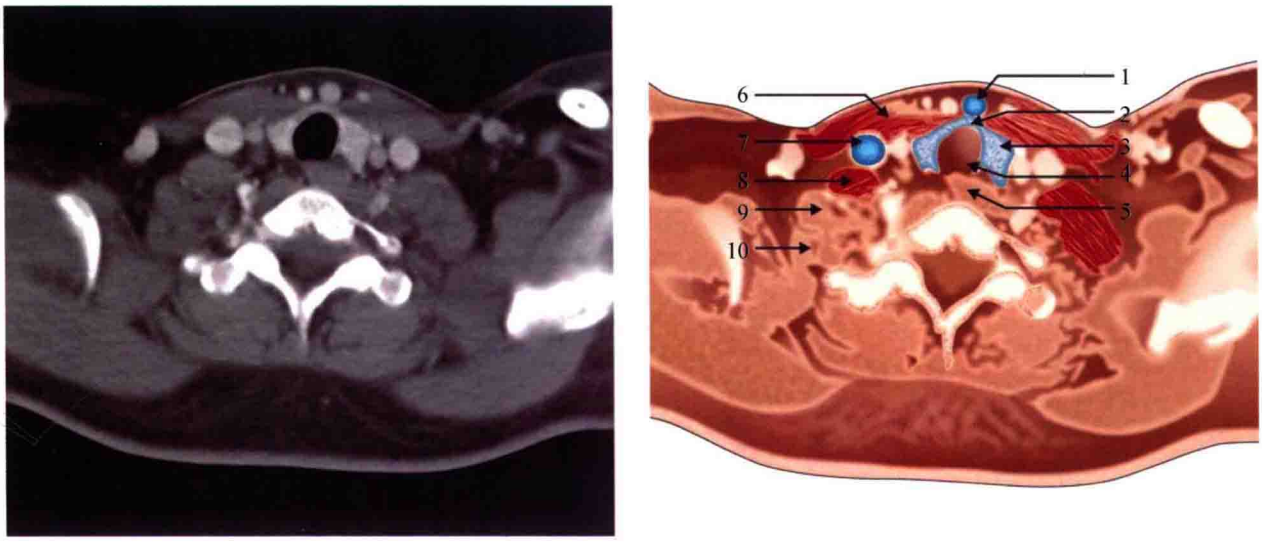


图5-11

1. 颈前静脉 Anterior jugular vein
2. 甲状腺峡部 Thyroid isthmus
3. 甲状腺左叶 Thyroid gland, left lobe
4. 气管 Trachea
5. 食管 Esophagus
6. 胸锁乳突肌 Sternocleidomastoid muscle
7. 颈内静脉 Internal jugular vein
8. 前斜角肌 Scalene muscles, anterior
9. 中斜角肌 Middle scalene muscle
10. 后斜角肌 Posterior scalene muscle

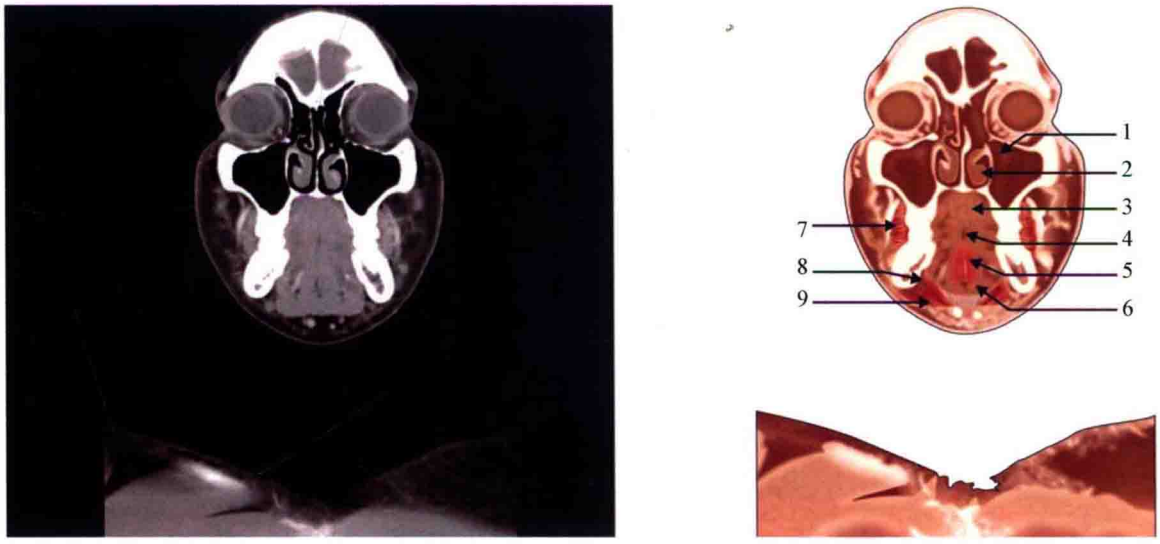


图5-12

1. 上颌窦 Maxillary antrum
2. 下鼻甲 Inferior turbinate
3. 舌 Tongue
4. 舌中隔 Lingual septum
5. 颏舌肌 Genioglossus muscle
6. 颏舌骨肌 Geniohyoid muscle
7. 颊肌 Buccinator muscle
8. 下颌舌骨肌 Mylohyoid muscle
9. 二腹肌，前腹 Digastric muscle, anterior belly



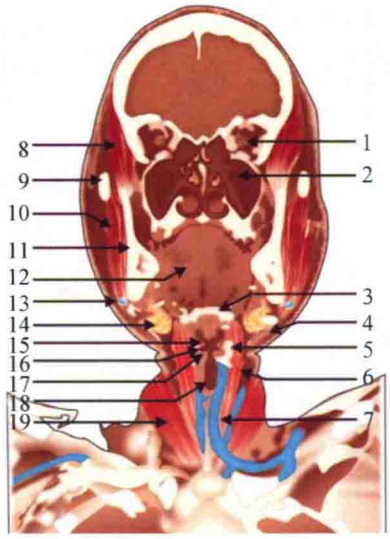
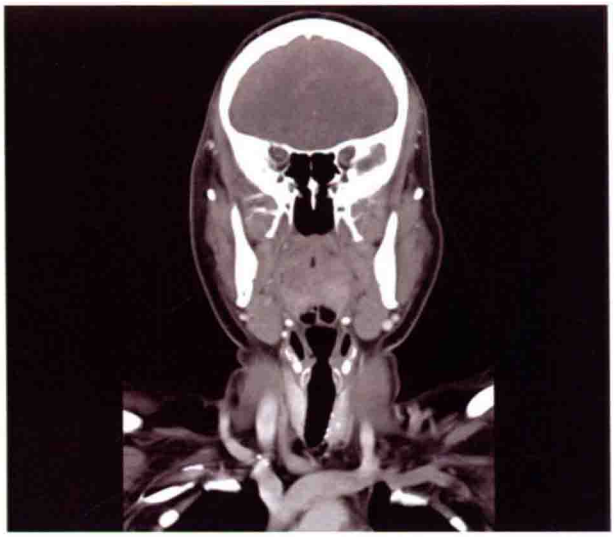


图5-13

1. 视神经 Optic nerve
2. 上颌窦 Maxillary antrum
3. 舌骨 Hyoid bone
4. 颈阔肌 Platysma
5. 甲状软骨 Thyroid cartilage
6. 胸骨甲状肌 Sternothyroid muscle
7. 颈前静脉 Anterior jugular vein
8. 颞肌 Temporalis muscle
9. 颧弓 Zygomatic arch
10. 咬肌 Masseter muscle
11. 下颌骨 Mandible
12. 舌 Tongue
13. 面静脉 Facial vein
14. 颌下腺 Submandibular gland
15. 假声带 False vocal cord
16. 喉室 Laryngeal ventricle
17. 真声带 True vocal cord
18. 气管 Trachea
19. 胸锁乳突肌 Sternocleidomastoid muscle



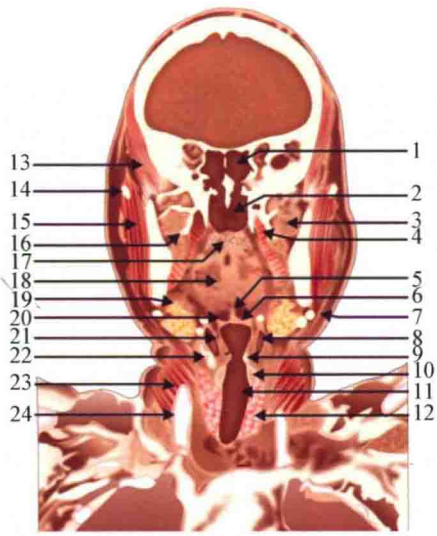
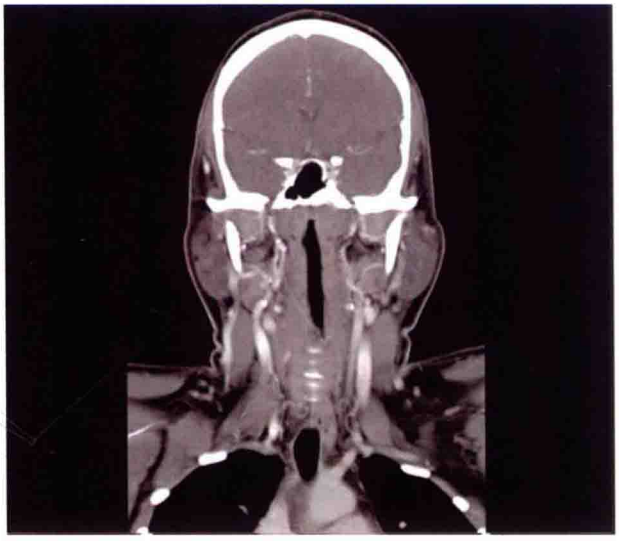


图5-14

1. 筛窦 Ethmoid sinus
2. 鼻咽 Nasopharynx
3. 翼外肌 Lateral pterygoid muscle
4. 翼内肌 Medial pterygoid muscle
5. 舌会厌正中襞 Median glossoepiglottic fold
6. 会厌 Epiglottis
7. 颈阔肌 Platysma muscle
8. 梨状隐窝 Pyriform sinus
9. 真声带 True vocal cord
10. 环状软骨 Cricoid cartilage
11. 气管 Trachea
12. 甲状腺叶 Thyroid lobe
13. 颞肌 Temporalis muscle
14. 颧弓 Zygomatic arch
15. 咬肌 Masseter muscle
16. 翼突外侧板 Lateral pterygoid plate
17. 软腭 Soft palate
18. 舌 Tongue
19. 颌下腺 Submandibular gland
20. 会厌谷 Vallecula
21. 杓状会厌襞 Aryepiglottic fold
22. 甲状软骨 Thyroid cartilage
23. 胸锁乳突肌 Sternocleidomastoid muscle
24. 颈内静脉 Internal jugular vein



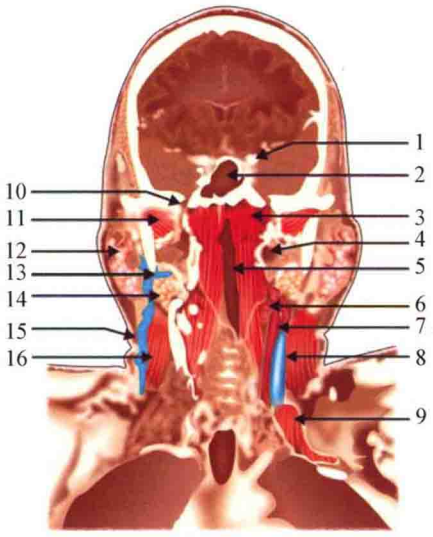
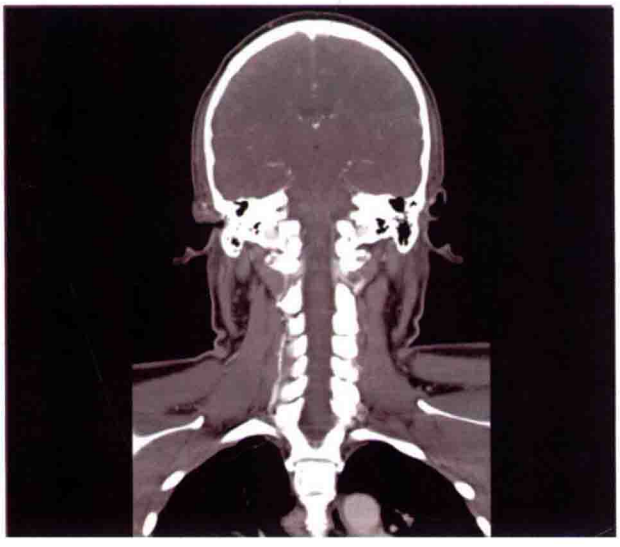


图 5-15

1. 前床突 Anterior clinoid
2. 蝶窦 Sphenoid sinus
3. 头长肌 Longus capitis
4. 咽旁间隙 Parapharyngeal space
5. 咽 Pharynx
6. 舌骨角 Hyoid bone, cornu
7. 颈动脉 Carotid artery
8. 颈内静脉 Internal jugular vein
9. 前斜角肌 Scalenus anterior muscle
10. 卵圆孔 Foramen ovale
11. 翼外肌 Lateral pterygoid muscle
12. 腮腺 Parotid gland
13. 下颌后静脉 Retromandibular vein
14. 颌下腺 Submandibular gland
15. 颈外静脉 External jugular vein
16. 胸锁乳突肌 Sternocleidomastoid muscle



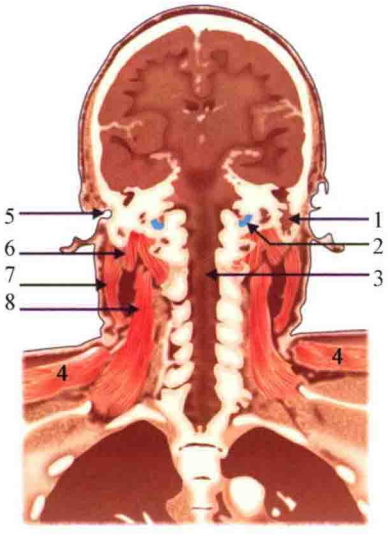
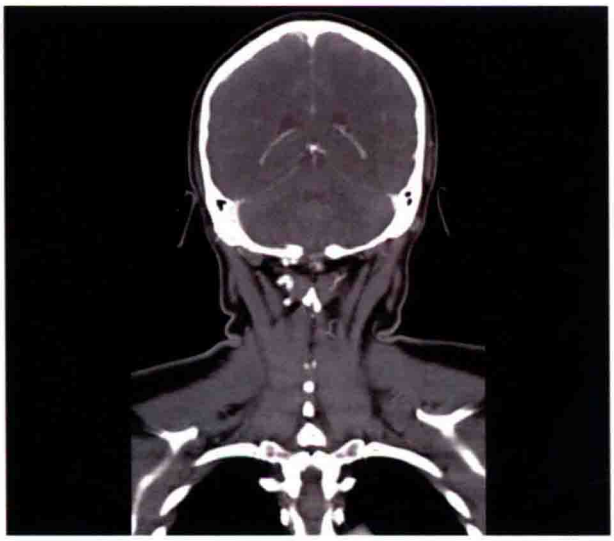


图 5-16

1. 乳突小房 Mastoid sinus
2. 颈内静脉 Internal Jugular vein
3. 脊髓 Spinal cord
4. 斜方肌 Trapezius
5. 外耳道 External auditory canal
6. 二腹肌 Digastric muscle
7. 胸锁乳突肌 Sternocleidomastoid muscle
8. 肩胛提肌 Levator scapulae



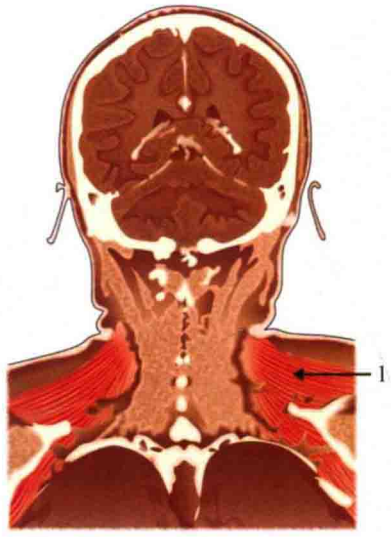


图5-17

1. 斜方肌 Trapezius



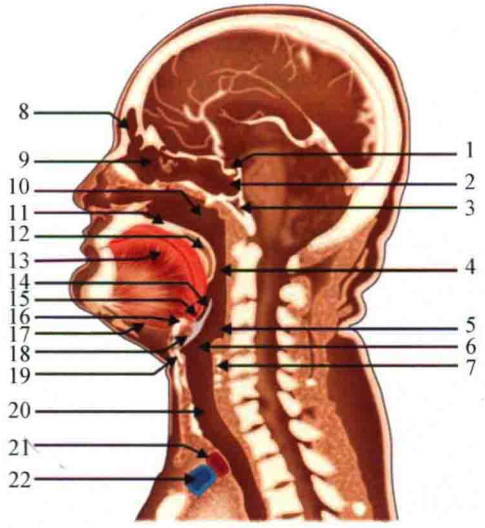


图5-18

1. 垂体 Pituitary gland
2. 蝶窦 Sphenoid sinus
3. 枕骨斜坡 Clivus
4. 口咽 Oropharynx
5. 喉咽 Hypopharynx
6. 喉 Larynx
7. 环状软骨 Cricoid cartilage
8. 额窦 Frontal sinus
9. 筛窦 Ethmoid sinuses
10. 鼻咽 Nasopharynx
11. 硬腭 Hard palate
12. 软腭 Soft palate
13. 舌 Tongue
14. 会厌 Epiglottis
15. 会厌谷 Vallecula
16. 舌骨 Hyoid bone
17. 下颌舌骨肌 Mylohyoid muscle
18. 会厌前间隙 Preepiglottic space
19. 甲状软骨 Thyroid cartilage
20. 气管 Trachea
21. 头臂动脉 Bracheocephalic artery
22. 头臂静脉 Bracheocephalic vein



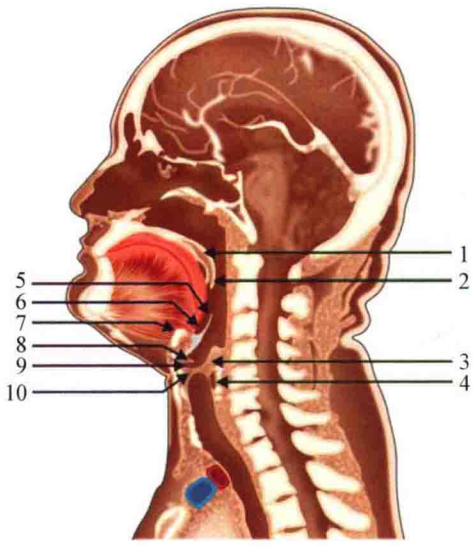


图 5-19

1. 软腭 Soft palate
2. 腭垂 Uvula
3. 杓状软骨 Arytenoid cartilage
4. 环状软骨 Cricoid cartilage
5. 会厌 Epiglottis
6. 会厌谷 Vallecula
7. 舌骨 Hyoid
8. 假声带 False vocal cord
9. 喉室 Laryngeal ventricle
10. 真声带 True vocal cord



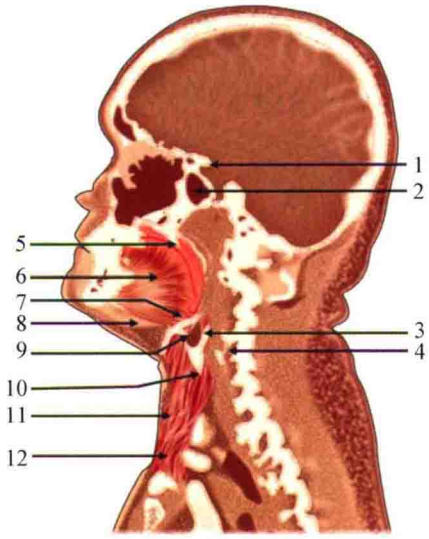
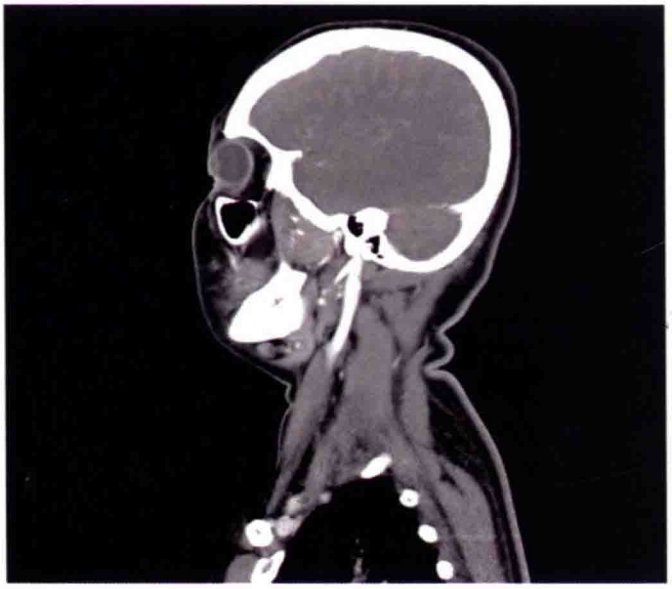


图 5-20

1. 前床突 Anterior clinoid
2. 蝶窦 Sphenoid sinus
3. 甲状软骨上角 Superior horn, thyroid cartilage
4. 椎动脉 Vertebral artery
5. 硬腭 Hard palate
6. 舌 Tongue
7. 舌骨 Hyoid bone
8. 下颌舌骨肌 Mylohyoid muscle
9. 梨状隐窝 Pyriform sinus
10. 甲状软骨 Thyroid cartilage
11. 带状肌 Strap muscles
12. 胸锁乳突肌 Sternocleidomastoid muscle



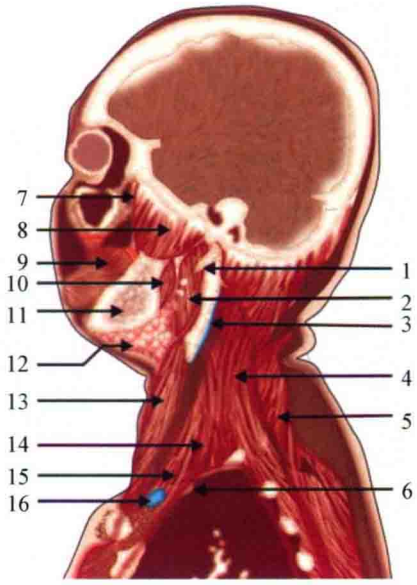
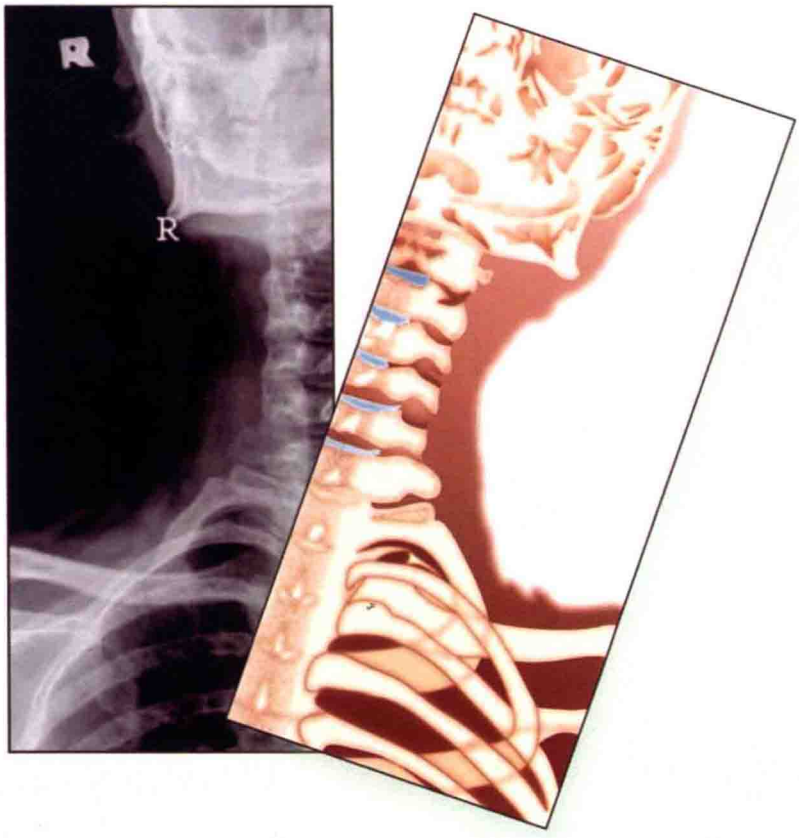


图 5-21

1. 茎突　Styloid process
2. 二腹肌　Digastric muscle
3. 颈内静脉　Internal jugular vein
4. 肩胛提肌　Levator scapulae
5. 斜方肌　Trapezius muscle
6. 锁骨下动脉　Subclavian artery
7. 颞肌　Temporalis muscle
8. 翼外肌　Lateral pterygoid muscle
9. 颊肌　Buccinator muscle
10. 翼内肌　Medial pterygoid muscle
11. 下颌骨　Mandible
12. 颌下腺　Submandibular gland
13. 胸锁乳突肌　Sternocleidomastoid muscle
14. 中斜角肌　Scalenus medius muscle
15. 前斜角肌　Scalenus anterior muscle
16. 锁骨下静脉　Subclavian vein

Section 2

第二篇



脊　柱

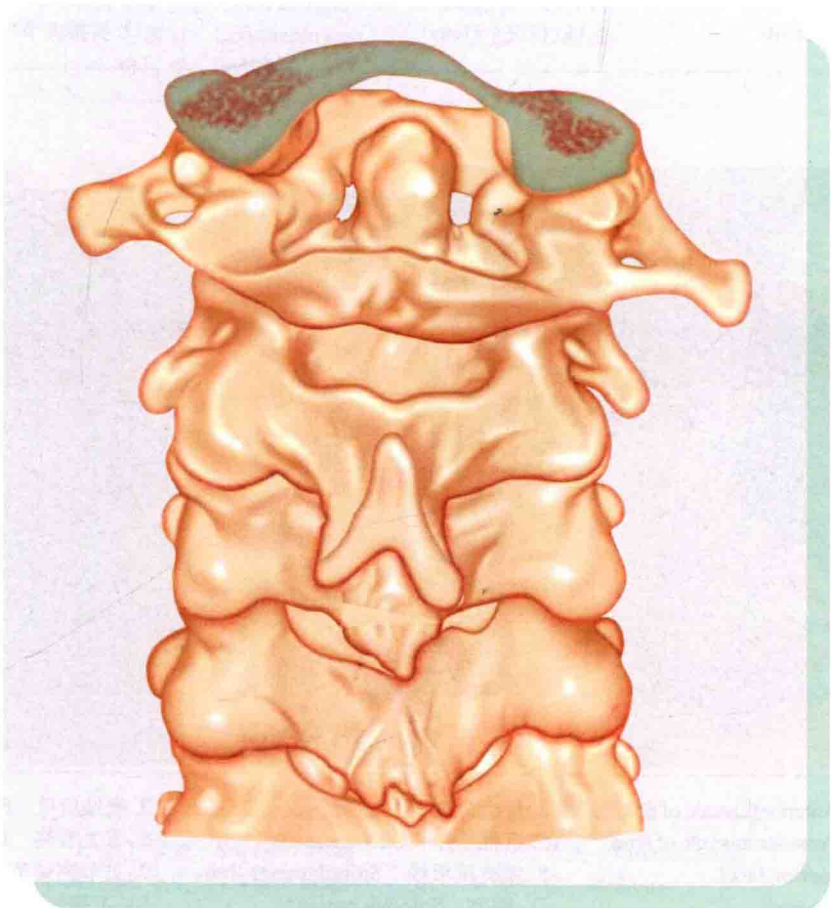
Spine

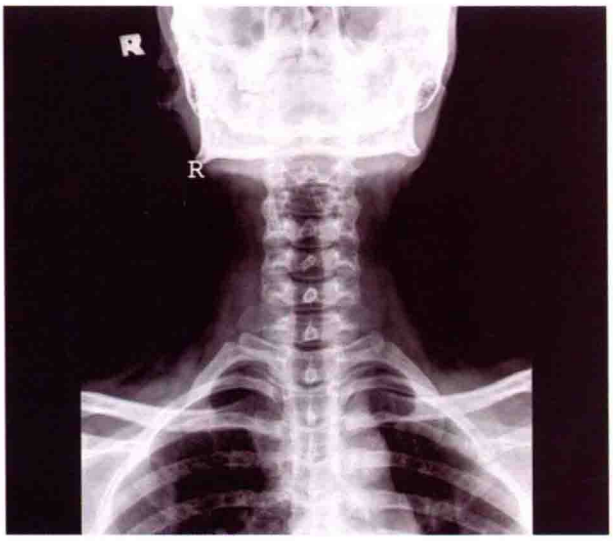
CHAPTER 6

第6章

Spine

脊　柱





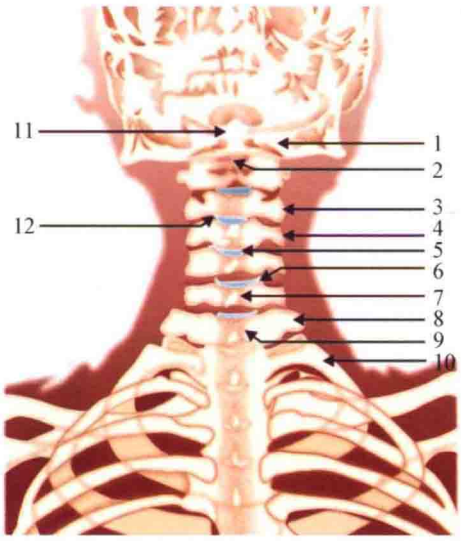
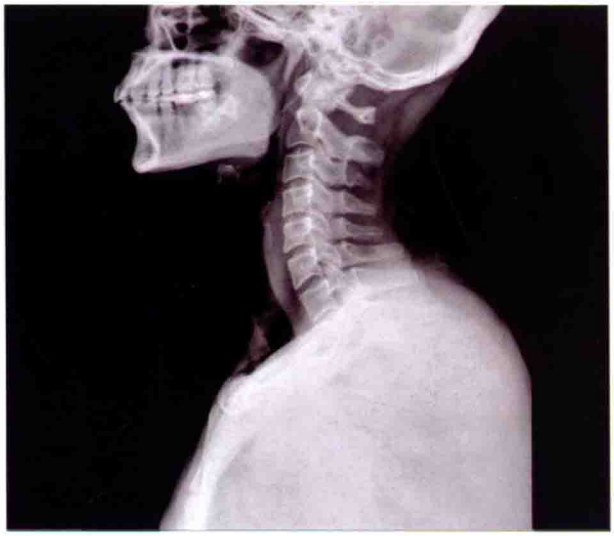


图6-1

1. 寰椎侧块 Lateral mass of atlas
2. 枢椎椎体 C2 body
3. 关节突关节 Facet joint
4. 横突 Transverse process
5. 椎间盘 Disk space
6. 钩突 Uncinate process
7. 棘突 Spinous process
8. 第 7 颈椎横突 C7 transverse process
9. 气管 Trachea
10. 第 1 肋骨 First rib
11. 齿突 Dens
12. 钩椎关节 Uncovertebral joint



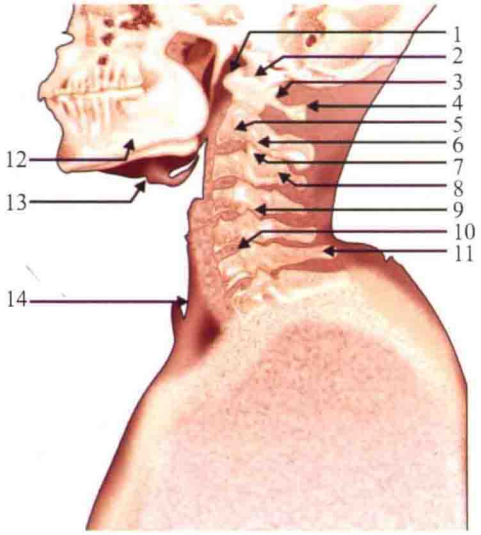
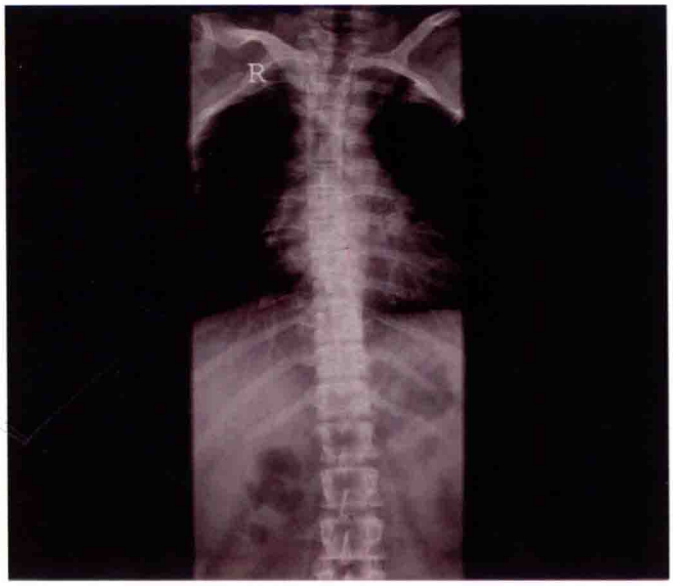


图6-2

1. 寰椎前结节 Anterior tubercle of atlas
2. 齿突 Dens
3. 寰椎后弓 Posterior arch of atlas
4. 寰椎后结节 Posterior tubercle of atlas
5. 枢椎椎体 C2 vertebra
6. 下关节突 Inferior facet
7. 上关节突 Superior facet
8. 棘突椎板线 Spinolaminar line
9. 关节突关节 Facet joint
10. 椎间盘 Disk space
11. 棘突 Spinous process
12. 下颌骨 Mandible
13. 舌骨 Hyoid
14. 气管 Trachea



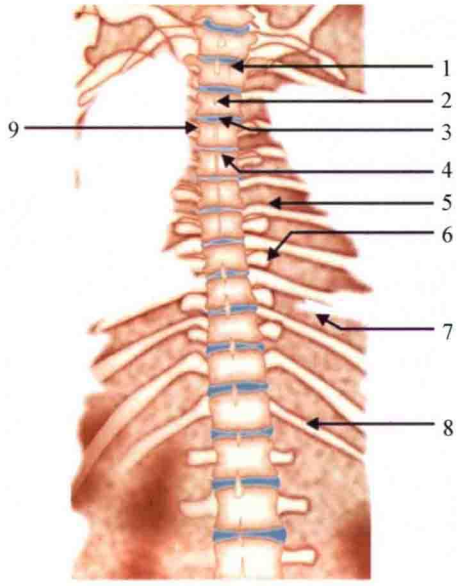
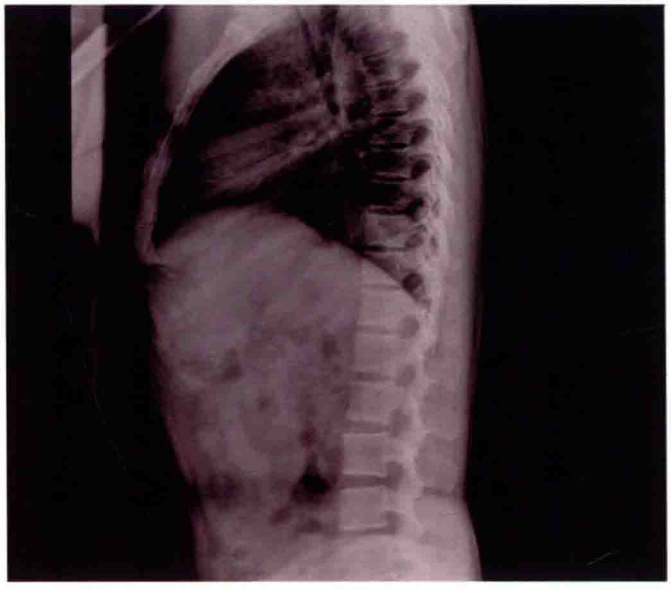


图6-3

1. 气管 Trachea
2. 棘突 Spinous process
3. 椎间盘 Disk space
4. 气管隆嵴 Carina
5. 主动脉影 Aortic shadow
6. 横突 Transverse process
7. 左膈面 Left diaphragm
8. 12 肋 12th rib
9. 椎弓根 Pedicle



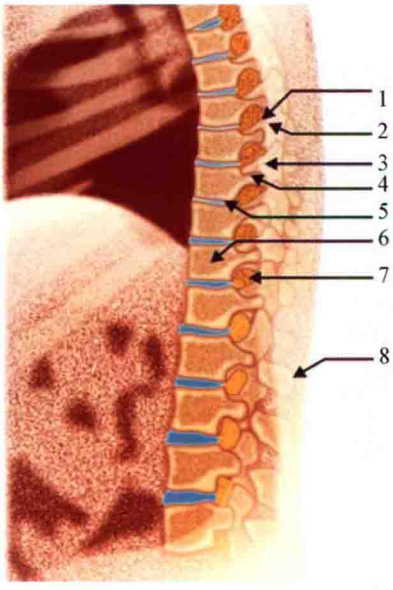
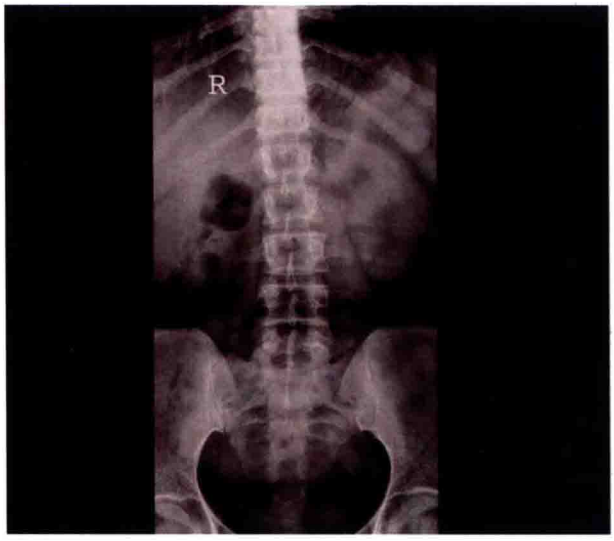


图6-4

1. 上关节突 Superior facet
2. 下关节突 Inferior facet
3. 关节突关节 Facet joint
4. 椎弓根 Pedicle
5. 椎间盘 Disk space
6. 椎体 Vertebral body
7. 椎间孔 Intervertebral foramen
8. 棘突 Spinous process



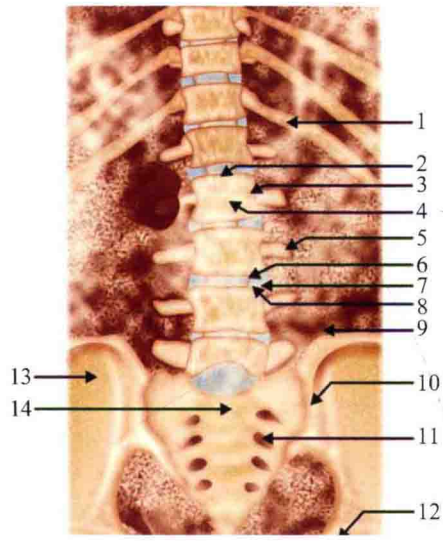


图 6-5

1. 第 12 肋骨　Twelfth rib
2. 第 1 腰椎棘突　Spinous process L1
3. 椎弓根　Pedicle
4. 第 2 腰椎椎弓板　Lamina L2
5. 横突　Transverse process
6. 下关节突　Inferior facet
7. 上关节突　Superior facet
8. 关节突关节　Facet joint
9. 腰大肌　Psoas
10. 骶髂关节　SI joint
11. 骶孔　Sacral foramen
12. 髋关节　Hip joint
13. 髂骨　Ileum
14. 骶骨　Sacrum



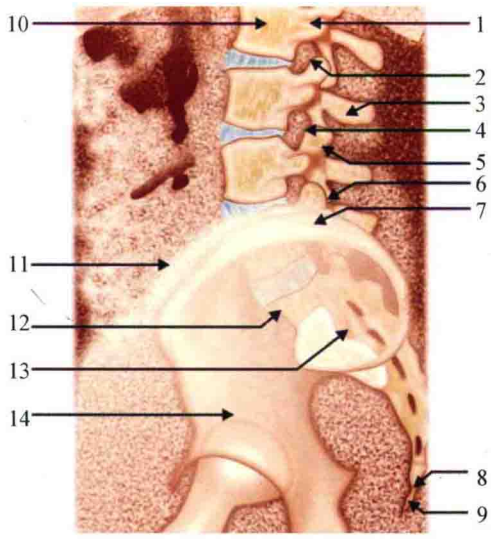


图 6-6

1. 椎弓根　Pedicle
2. 椎间孔　Intervertebral foramen
3. 棘突　Spinous process
4. 第 4 腰椎上关节突　Superior facet L4
5. 第 3 腰椎下关节突　Inferior facet L3
6. 关节突关节　Facet joint
7. 椎弓峡部　Pars interarticularis
8. 骶尾关节　Sacrococcygeal joint
9. 尾骨　Coccyx
10. 第 2 腰椎椎体　L2 body
11. 髂嵴　Iliac crest
12. 骶骨岬　Sacral promontory
13. 第 2 骶椎　S2
14. 髋关节　Hip joint

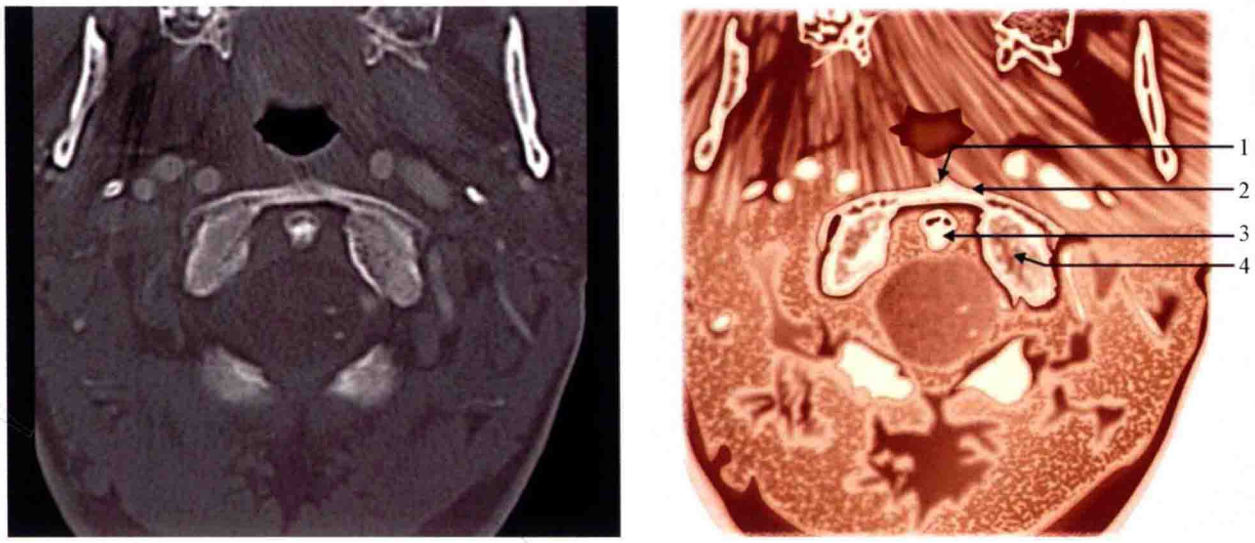


图 6-7

1. 寰椎前结节 Anterior tubercle of atlas
2. 寰椎前弓 Anterior arch of atlas
3. 齿突 Dens
4. 枕髁 Occipital condyle



图 6-8

1. 寰椎前结节 Anterior tubercle C1
2. 寰椎前弓 Anterior arch of atlas
3. 颈内动脉 ICA
4. 齿突 Dens
5. 寰椎侧块 Lateral mass C1
6. 寰椎后弓 Posterior arch of atlas
7. 后结节 Posterior tubercle
8. 茎突 Styloid process
9. 椎动脉 Vertebral artery

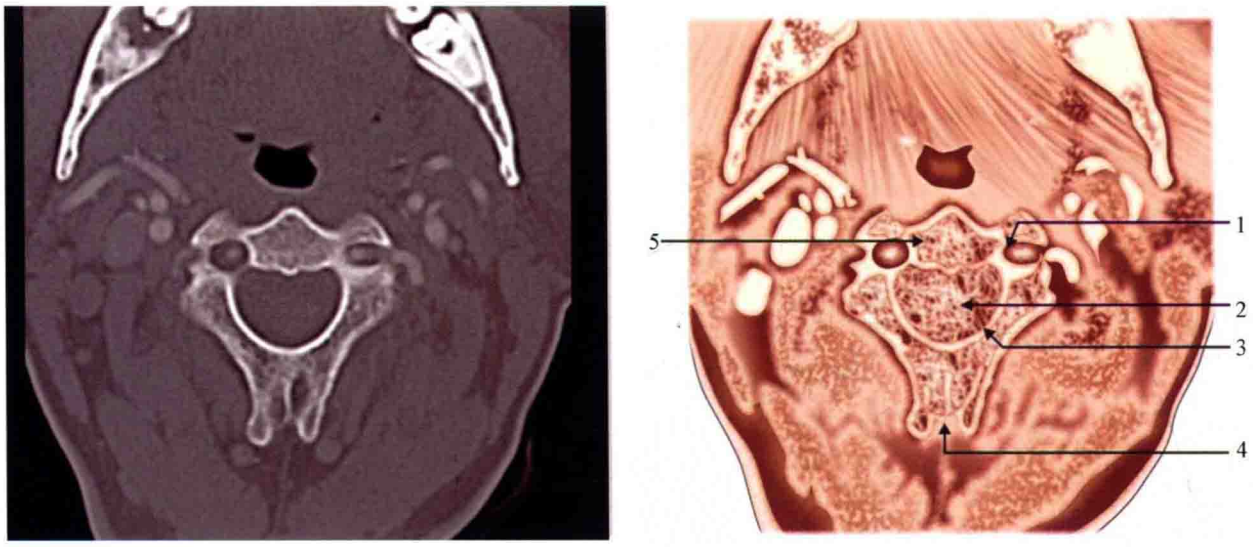


图 6-9

1. 横突孔内的椎动脉 Vertebral artery in transverse foramen
2. 椎管 Spinal canal
3. 椎弓板 Lamina
4. 棘突 Spinous process
5. 枢椎椎体 C2 body

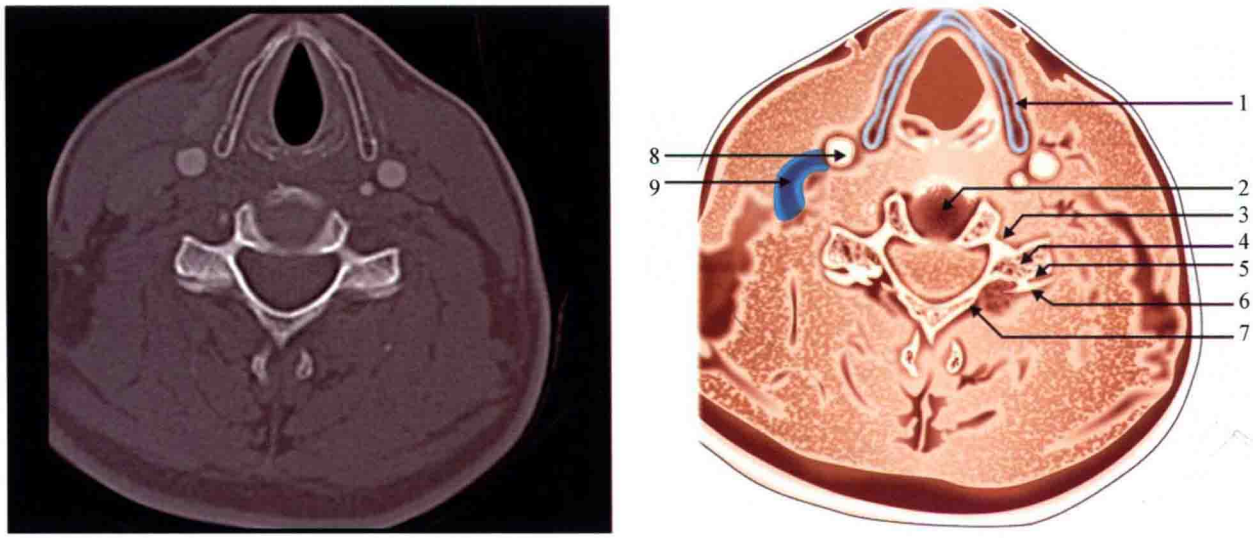


图 6-10

1. 甲状软骨 Thyroid cartilage
2. 椎间盘 Intervertebral disk
3. 椎弓根 Pedicle
4. 上关节突 Superior facet
5. 关节突关节 Facet joint
6. 下关节突 Inferior facet
7. 椎弓板 Lamina
8. 颈总动脉 Common carotid artery
9. 颈内静脉 Internal jugular vein

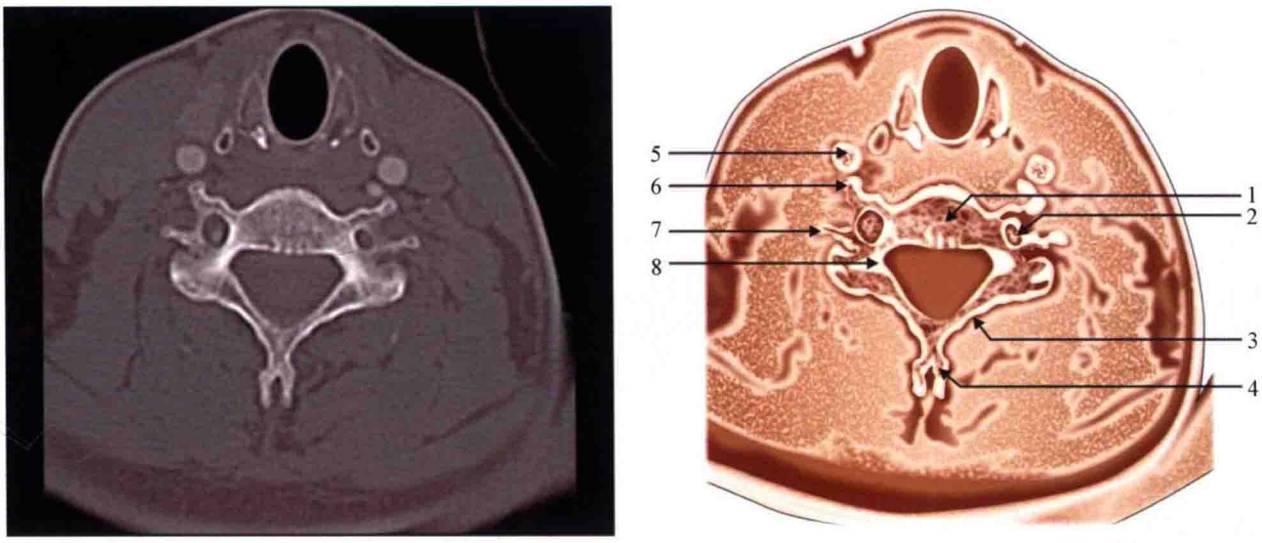


图6-11

1. 椎体 Vertebral body
2. 横突孔 Foramen transversarium
3. 椎弓板 Lamina
4. 棘突 Spinous process
5. 颈总动脉 CCA
6. 横突前结节 Anterior tubercle of transverse process
7. 横突后结节 Posterior tubercle of transverse process
8. 椎弓根 Pedicle



图6-12

1. 咽 Pharynx
2. 枢椎椎体 C2 body
3. 钩突 Uncinate process
4. 钩椎关节 Uncovertebral joint
5. 横突 Transverse process
6. 椎动脉 Vertebral artery

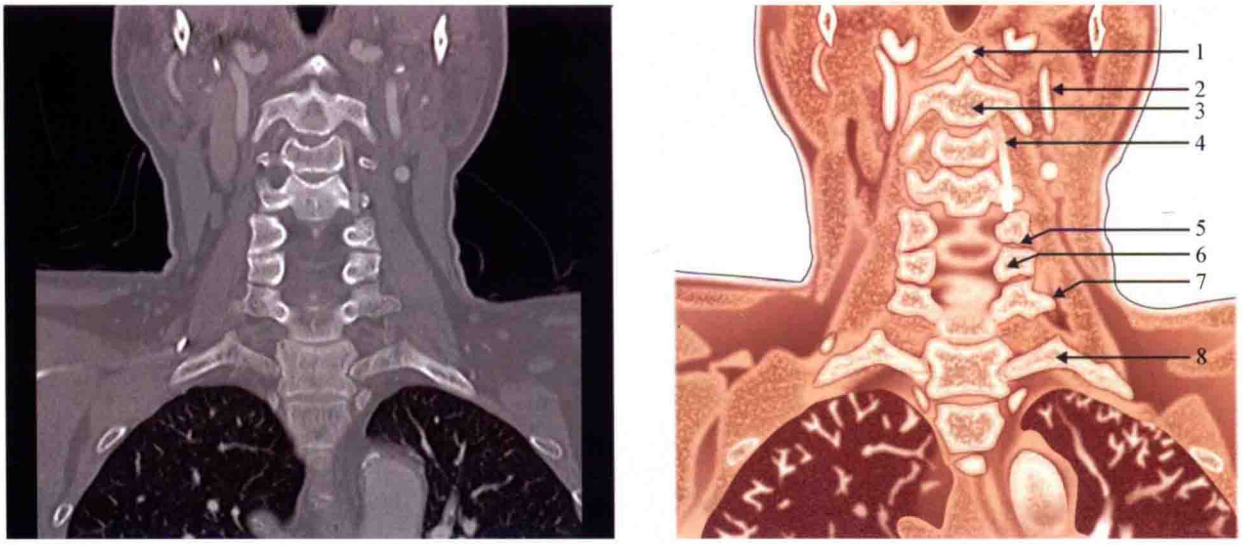


图6-13

1. 寰椎前结节 Anterior tubercle of atlas
2. 颈内动脉 ICA
3. 枢椎 C2
4. 椎动脉 Vertebral artery
5. 关节突关节 Facet joint
6. 椎弓根 Pedicle
7. 第 7 颈椎横突 Transverse process C7
8. 第 1 肋骨 First rib

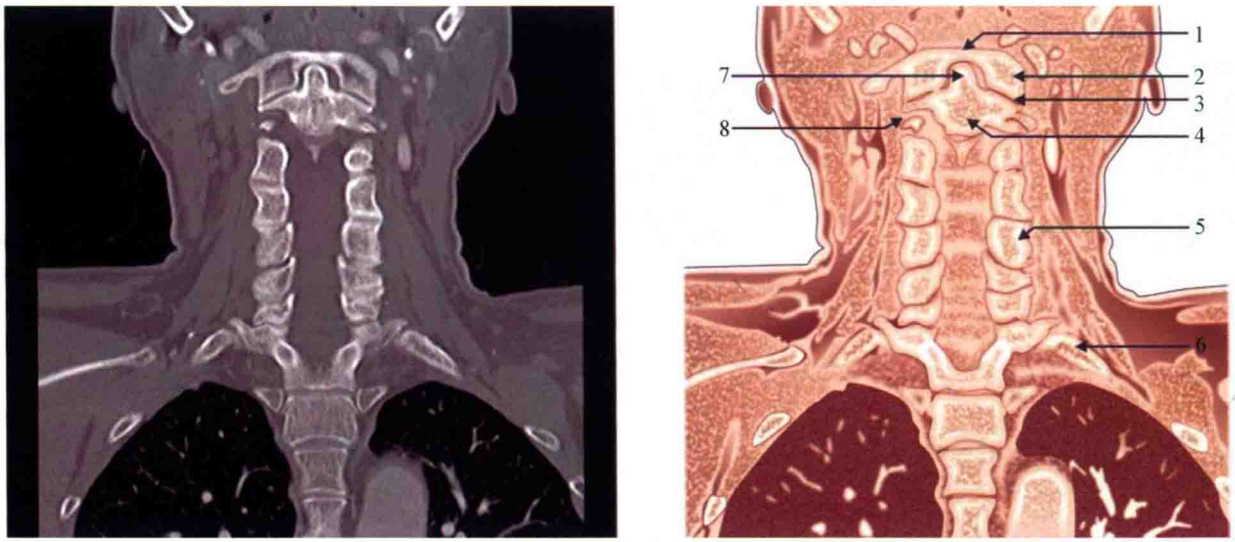


图6-14

1. 寰椎前弓 Anterior arch of atlas
2. 寰椎侧块 Lateral mass of atlas
3. 寰枢关节 Atlantoaxial joint
4. 枢椎 C2
5. 关节柱 Articular pillar
6. 第 1 肋骨 First rib
7. 齿突 Dens
8. 椎动脉 Vertebral artery

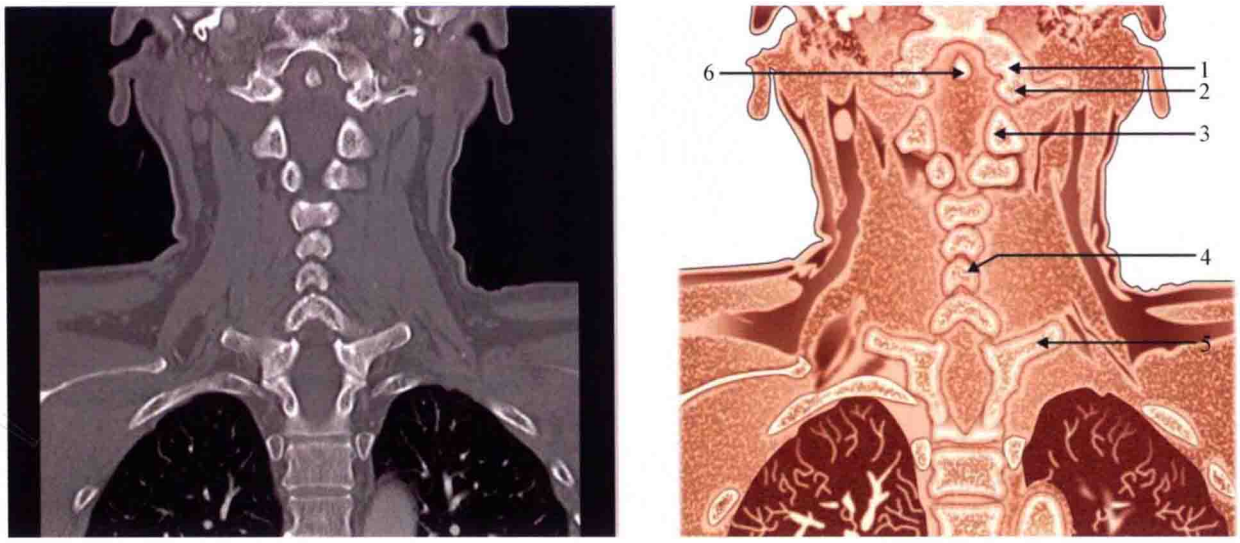


图6-15

1. 寰枢关节 Atlantoaxial joint
2. 枢椎 C2
3. 第 3 颈椎椎弓板 C3 lamina
4. 棘突 Spinous process
5. 第 1 胸椎横突 T1 transverse process
6. 齿突 Dens

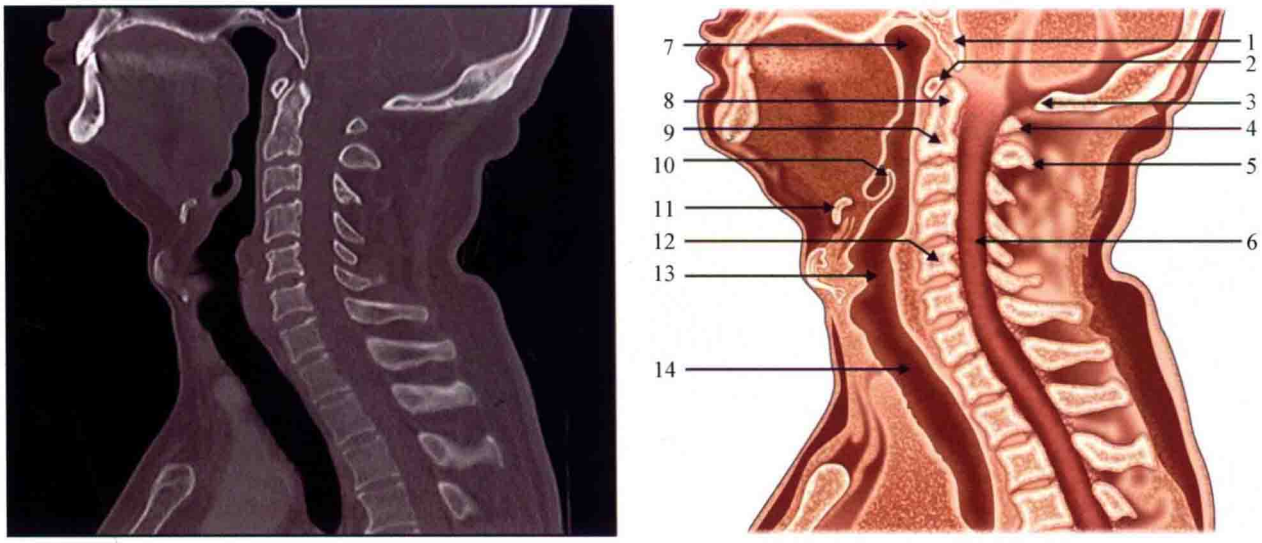


图6-16

1. 斜坡 Clivus
2. 寰椎前结节 Anterior tubercle of atlas
3. 枕骨大孔后缘 Posterior margin of foramen magnum
4. 寰椎后结节 Posterior tubercle of atlas
5. 枢椎棘突 C2 spinous process
6. 椎管 Spinal canal
7. 鼻咽 Nasopharynx
8. 齿突 Dens
9. 枢椎椎体 C2 body
10. 会厌 Epiglottis
11. 舌骨 Hyoid
12. 第 5 颈椎 C5 vertebra
13. 声门 Glottis
14. 气管 Trachea

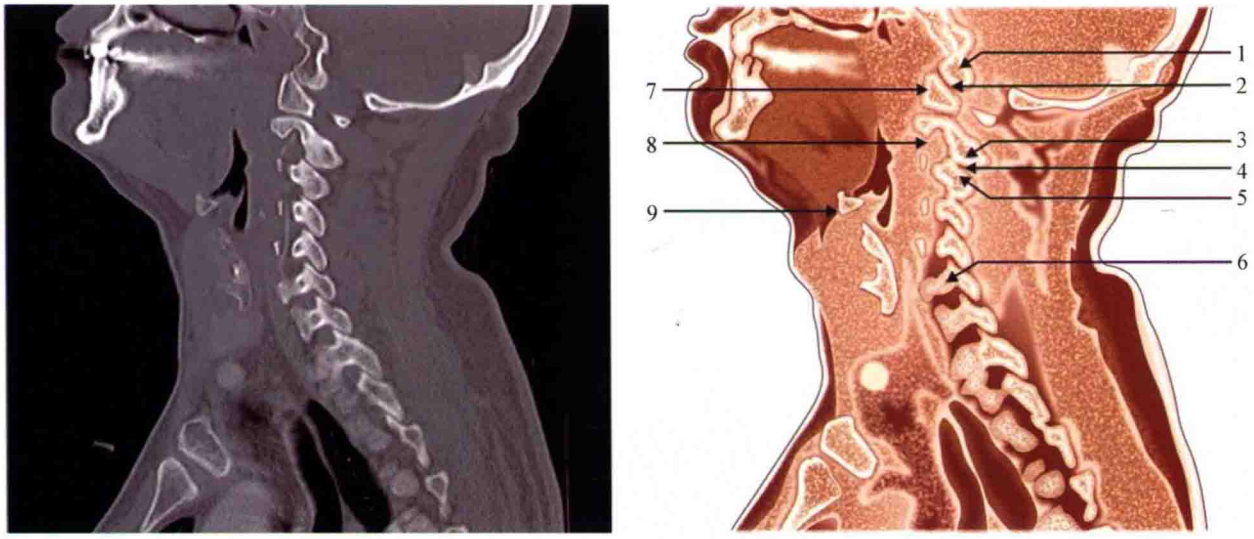


图 6-17

1. 枕髁 Occipital condyle
2. 寰枕关节 Atlanto-occipital joint
3. 下关节突 Inferior facet
4. 关节突关节 Facet joint
5. 上关节突 Superior facet
6. 椎弓根 Pedicle
7. 寰椎侧块 Lateral mass of atlas
8. 横突孔内的椎动脉 Vertebral artery in transverse foramen
9. 舌骨 Hyoid

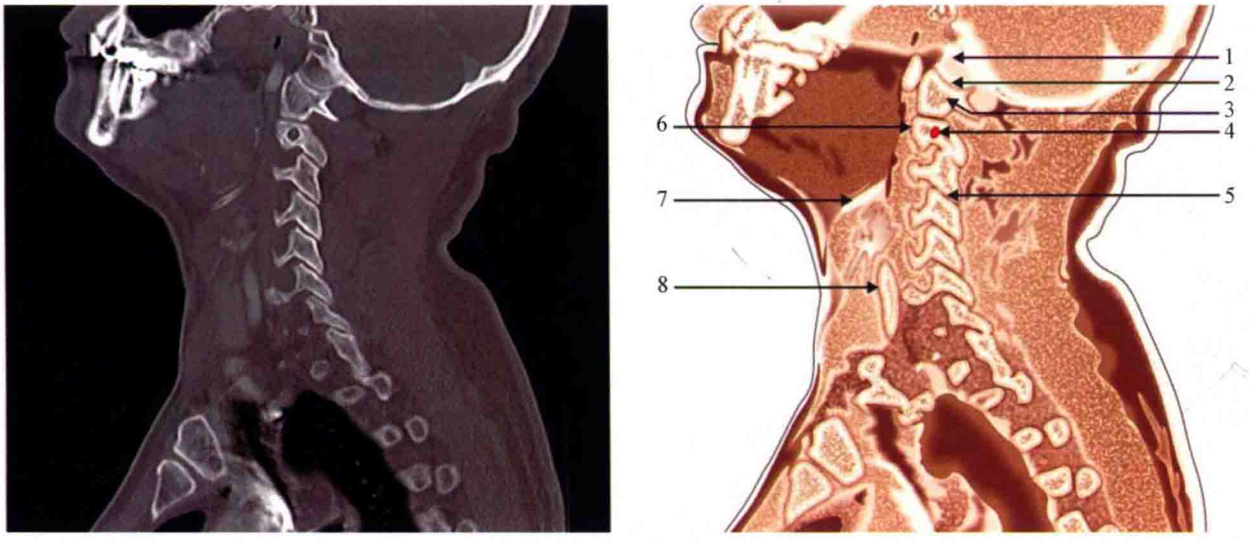
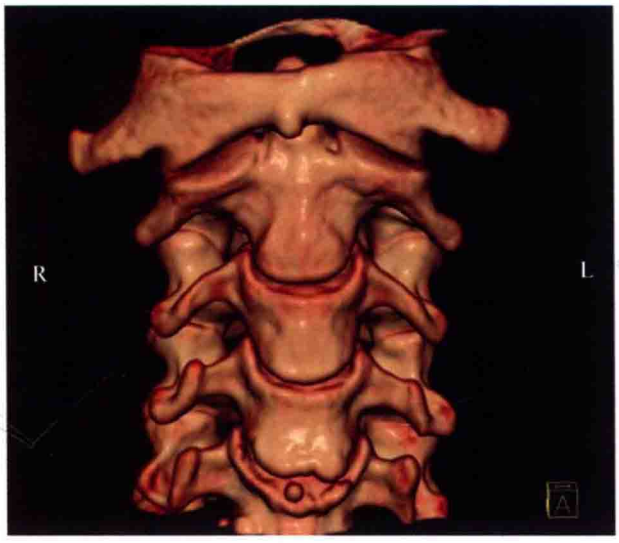


图 6-18

1. 枕髁 Occipital condyle
2. 寰枕关节 Atlanto-occipital joint
3. 寰椎侧块 Lateral mass of atlas
4. 横突孔内的椎动脉 Vertebral artery in transverse foramen
5. 关节突关节 Facet joint
6. 枢椎椎体 C2 vertebra
7. 舌骨 Hyoid
8. 颈总动脉 Common carotid artery



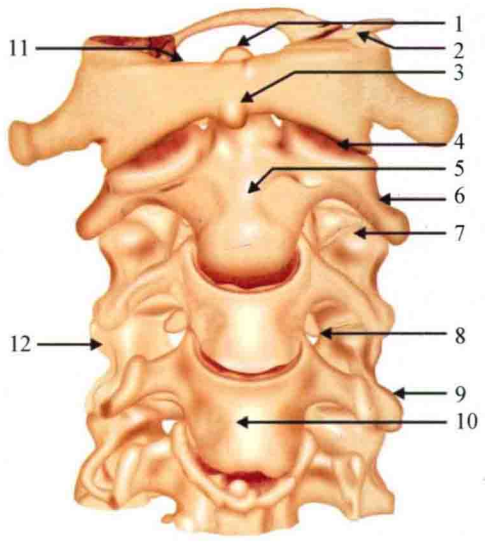
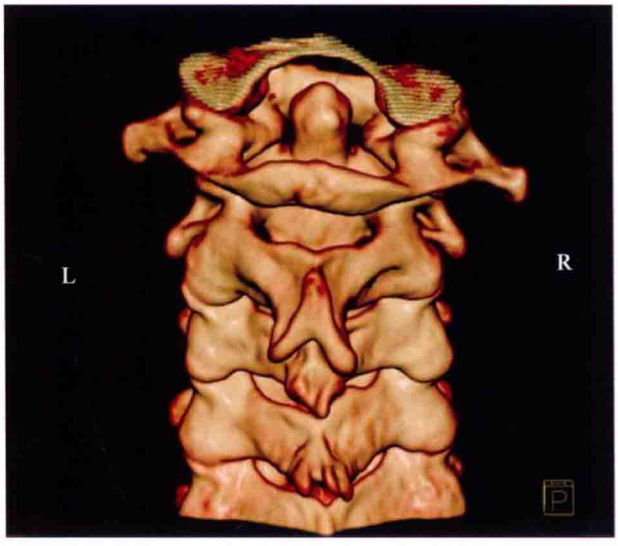


图 6-19

前面观 Anterior view
1. 齿突 Dens
2. 寰枕关节 Atlanto-occipital joint
3. 寰椎前结节 Anterior tubercle of atlas
4. 寰枢关节 Atlanto-axial joint
5. 枢椎椎体 C2 body
6. 横突 Transverse process
7. 关节突关节 Facet joint
8. 椎间孔 Intervertebral foramen
9. 第 4 颈椎横突 Transverse process C4
10. 第 4 颈椎椎体 C4 body
11. 寰椎前弓 Anterior arch of atlas
12. 关节柱 Articular pillar



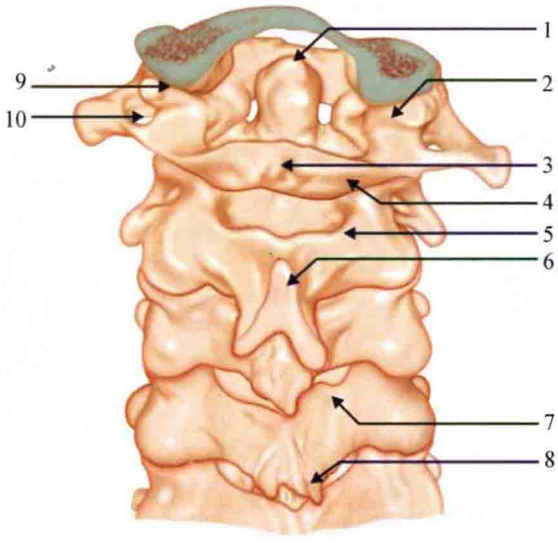
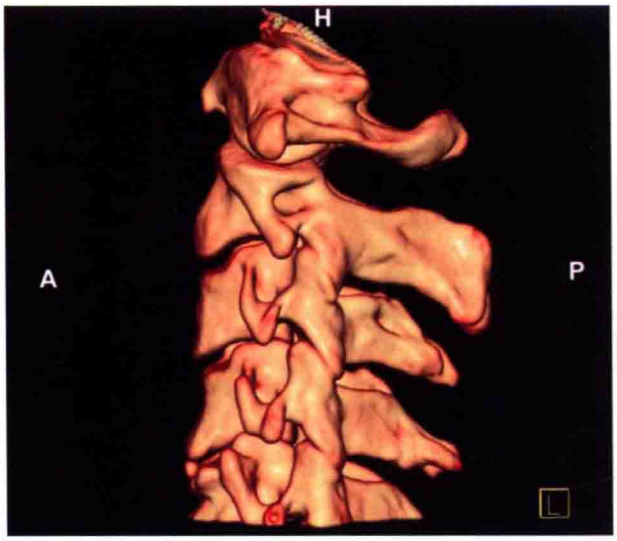


图 6-20

后面观 Posterior view
1. 齿突 Dens
2. 寰椎侧块 Lateral mass of atlas
3. 寰椎后结节 Posterior tubercle of atlas
4. 寰椎后弓 Posterior arch of atlas
5. 枢椎椎弓板 C2 lamina
6. 枢椎棘突 C2 spinous process
7. 第 4 颈椎椎弓板 C4 lamina
8. 第 4 颈椎棘突 C4 spinous process
9. 寰枕关节 Atlanto-occipital joint
10. 横突孔 Transverse foramen



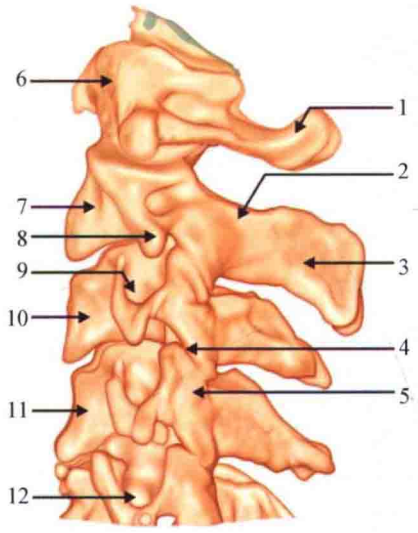


图6-21

侧面观 Lateral view
1. 寰椎后弓 Posterior arch of atlas
2. 椎弓板 Lamina
3. 枢椎棘突 Spinous process C2
4. 关节突关节 Facet joint
5. 关节柱 Articular pillar
6. 寰椎 C1 vertebra
7. 枢椎 C2 vertebra
8. 枢椎横突 Transverse process of C2
9. 横突孔 Foramen transversarium
10. 第 3 颈椎 C3 vertebra
11. 第 4 颈椎 C4 vertebra
12. 第 5 颈椎横突孔 Transverse foramen of C5

颈椎 MRI



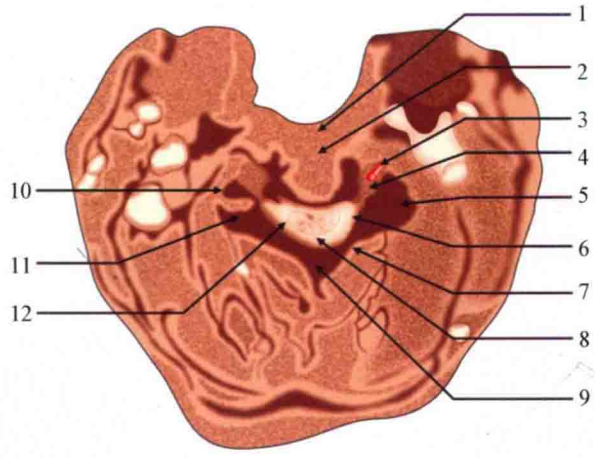


图6-22

1. 前纵韧带 Anterior longitudinal ligament
2. 椎间盘 Intervertebral disk
3. 椎动脉 Vertebral artery
4. 后根神经节 Dorsal root ganglion
5. 关节突关节 Facet joint
6. 后根 Posterior root
7. 椎弓板 Lamina
8. 脊髓 Spinal cord
9. 椎板连接处 Spinolaminar junction
10. 上关节突 Superior facet
11. 下关节突 Inferior facet
12. 脑脊液 CSF

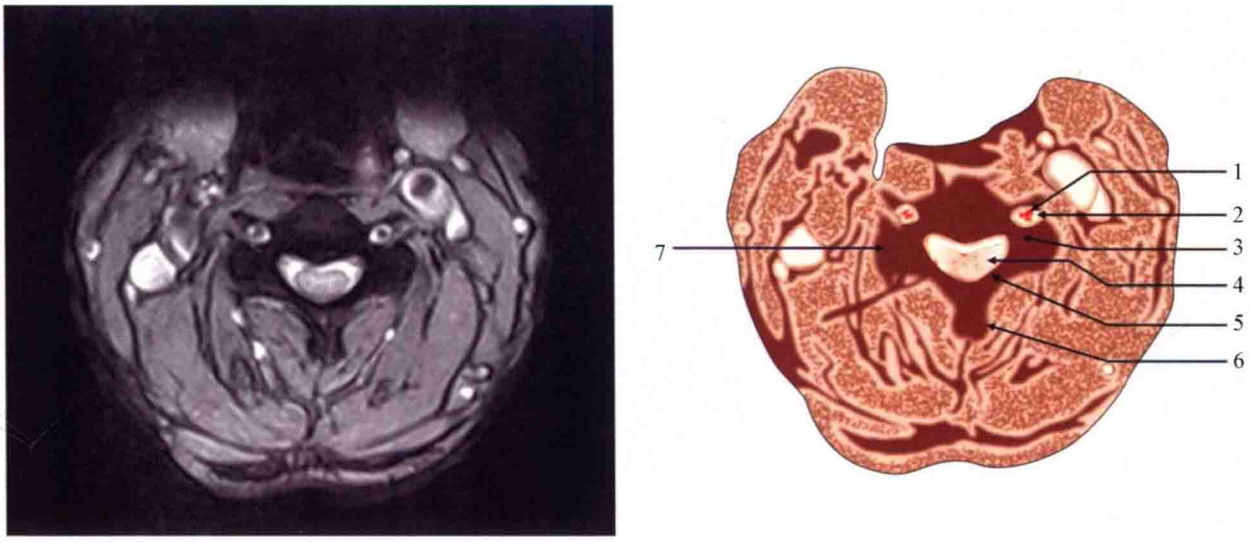


图6-23

1. 椎动脉 Vertebral artery
2. 横突孔 Transverse foramen
3. 椎弓根 Pedicle
4. 脊髓 Spinal cord
5. 黄韧带 Ligamentum flavum
6. 棘突 Spinous process
7. 关节柱 Articular pillar

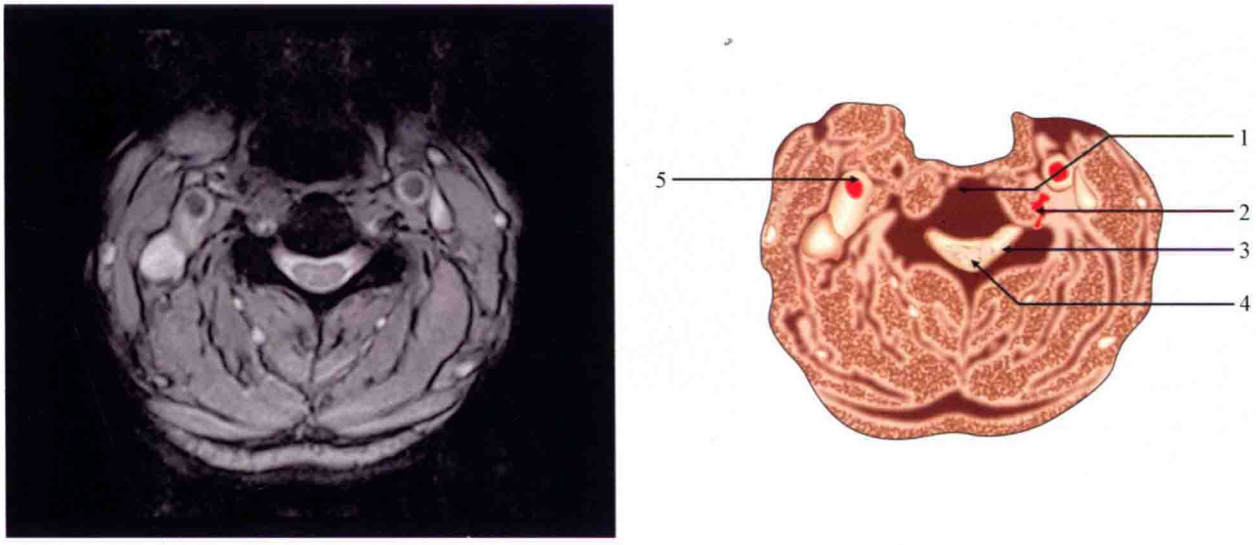


图6-24

1. 颈椎椎体 Cervical vertebral body
2. 椎动脉 Vertebral artery
3. 后根 Posterior root
4. 脊髓灰质 Spinal gray matter
5. 颈动脉 Carotid artery



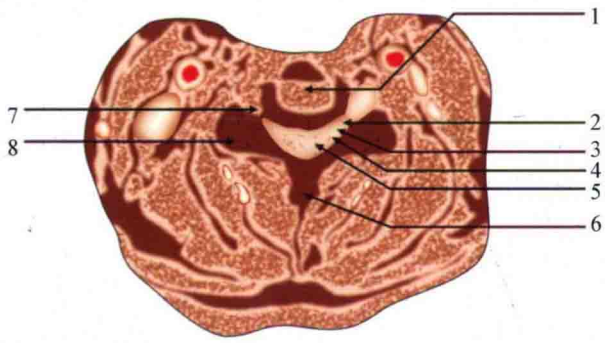


图6-25

1. 椎间盘 Intervertebral disk
2. 钩突 Uncinate process
3. 后根神经节 Dorsal root ganglion
4. 后根 Posterior root
5. H 形脊髓灰质 H shaped spinal gray matter
6. 棘突 Spinous process
7. 椎间孔 Intervertebral foramen
8. 关节突关节 Facet joint



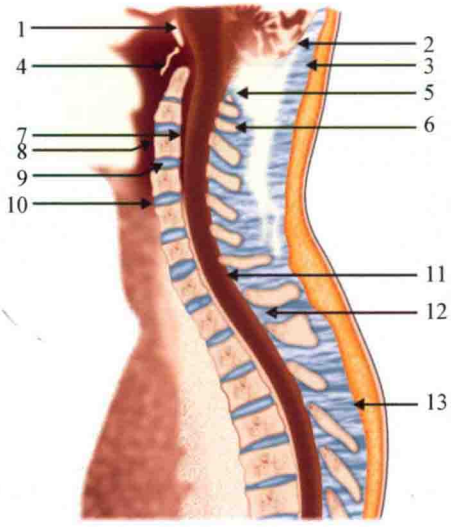


图6-26

1. 斜坡 Clivus
2. 枕骨 Occipital bone
3. 项韧带 Ligamentum nuchae
4. 寰椎前结节 Ant tubercle of atlas dens
5. 寰椎后结节 Posterior tubercle of C1
6. 第 2 颈椎棘突 Spinous process of C2
7. 后纵韧带 Posterior longitudinal ligament
8. 前纵韧带 Anterior longitudinal ligament
9. 髓核 Nucleus pulposis
10. 纤维环 Annulus fibrosis
11. 脊髓 Spinal cord
12. 黄韧带 Ligamentum flavum
13. 棘上韧带 Supraspinatous ligament



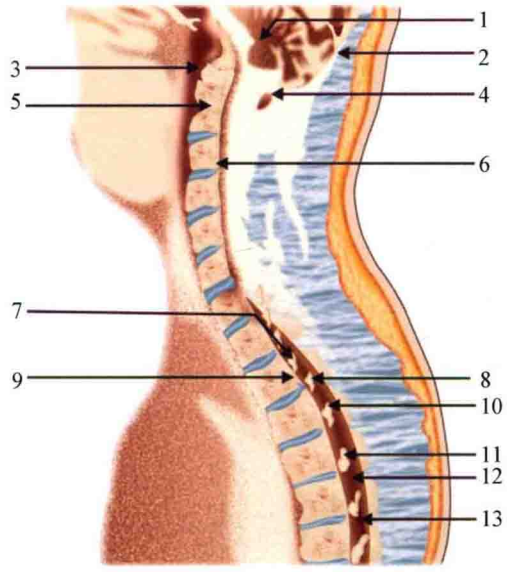
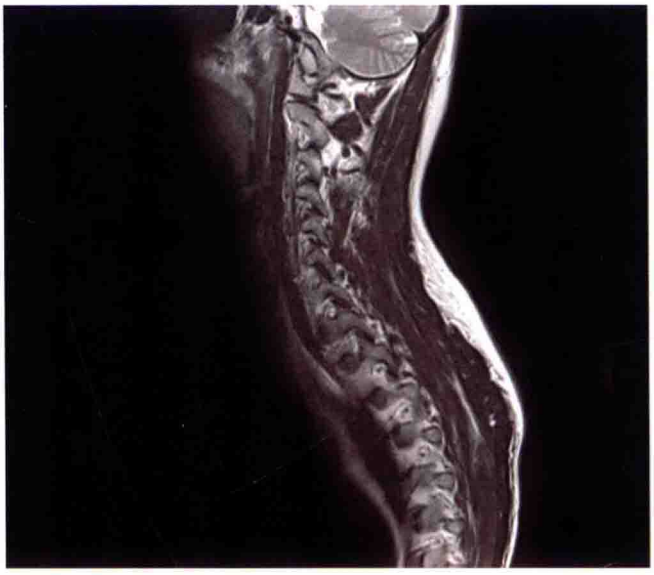


图6-27

1. 小脑 Cerebellum
2. 枕骨 Occipital bone
3. 寰椎前弓 Anterior arch of C1
4. 寰椎后弓 Posterior arch of C1
5. 齿突 Dens
6. 椎间盘 Intervertebral disk
7. 脊神经后根 Dorsal nerve root
8. 黄韧带 Ligamentum flavum
9. 脊神经前根 Ventral nerve root
10. 椎间孔 Intervertebral foramen
11. 神经根 Nerve root
12. 椎弓根 Pedicle
13. 关节突关节 Facet joint



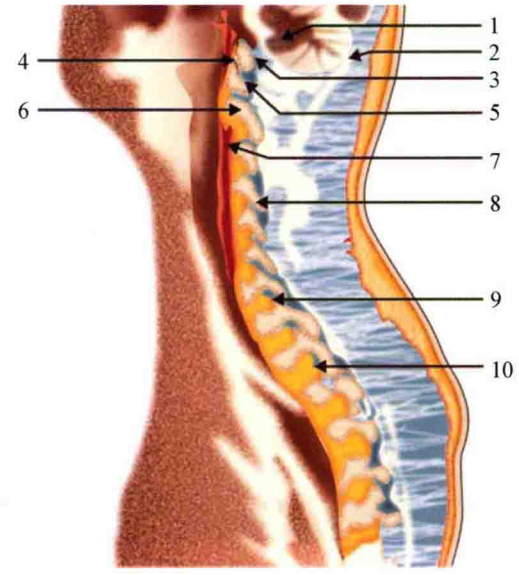
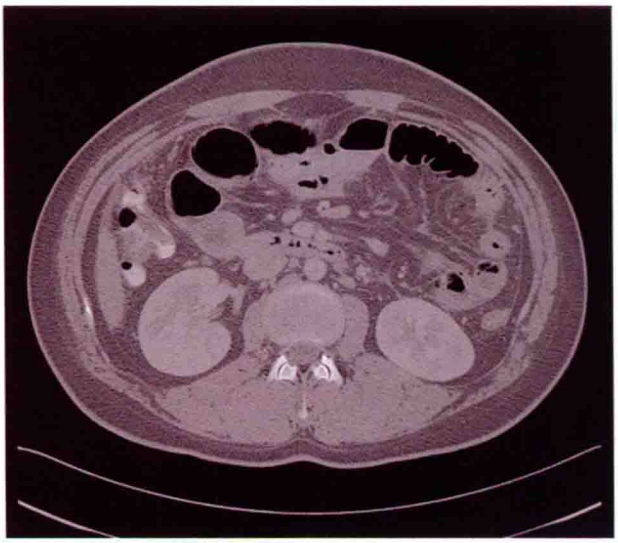


图6-28

1. 小脑 Cerebellum
2. 枕骨 Occipital bone
3. 枕髁 Occipital condyle
4. 寰枕关节 Atlanto-occipital joint
5. 寰椎侧块 Lateral mass of atlas
6. 枢椎椎体 C2 vertebra
7. 椎动脉 Vertebral artery
8. 关节突关节 Facet joint
9. 椎间孔 Intervertebral foramen
10. 脊神经后根 Dorsal root ganglion

腰椎 CT



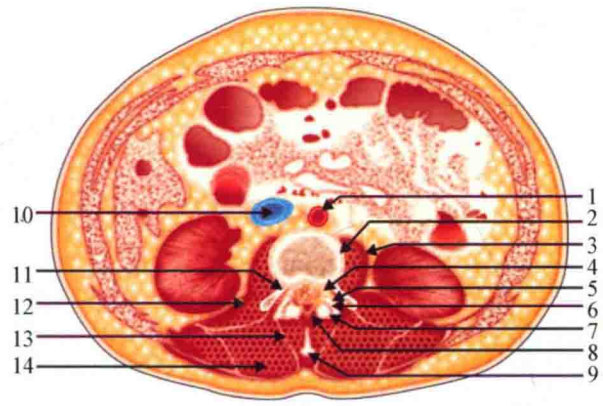
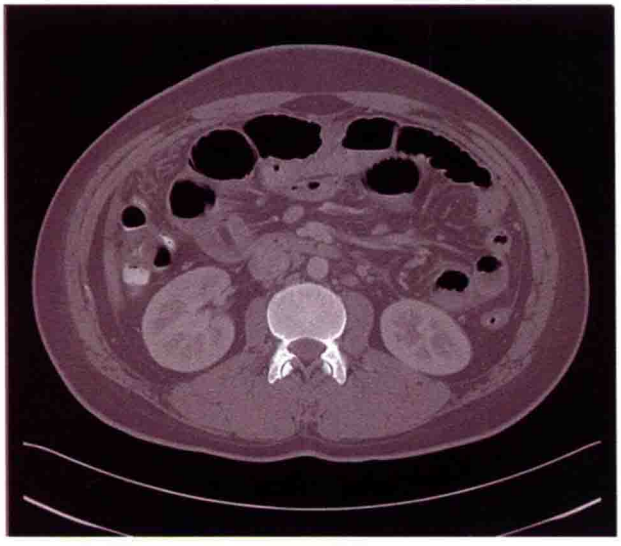


图 6-29

1. 腹主动脉 Aorta
2. 椎间盘 Intervertebral disk
3. 腰大肌 Psoas muscle
4. 硬膜囊 Thecal sac
5. 上关节突 Superior facet
6. 关节突关节 Facet joint
7. 下关节突 Inferior facet
8. 黄韧带 Ligamentum flavum
9. 棘突 Spinous process
10. 下腔静脉 IVC
11. 椎间孔 Intervertebral foramen
12. 腰方肌 Quadratus lumborum
13. 多裂肌 Multifidus
14. 竖脊肌 Erector spinae



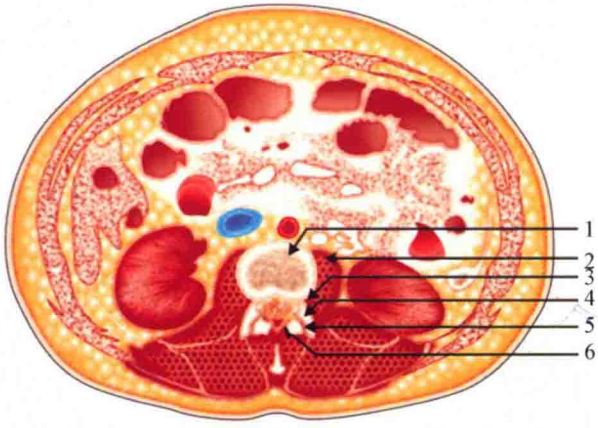


图 6-30

1. 椎体 Vertebral body
2. 腰大肌 Psoas muscle
3. 椎弓根 Pedicle
4. 上关节突 Superior facet
5. 关节突关节 Facet joint
6. 黄韧带 Ligamentum flavum

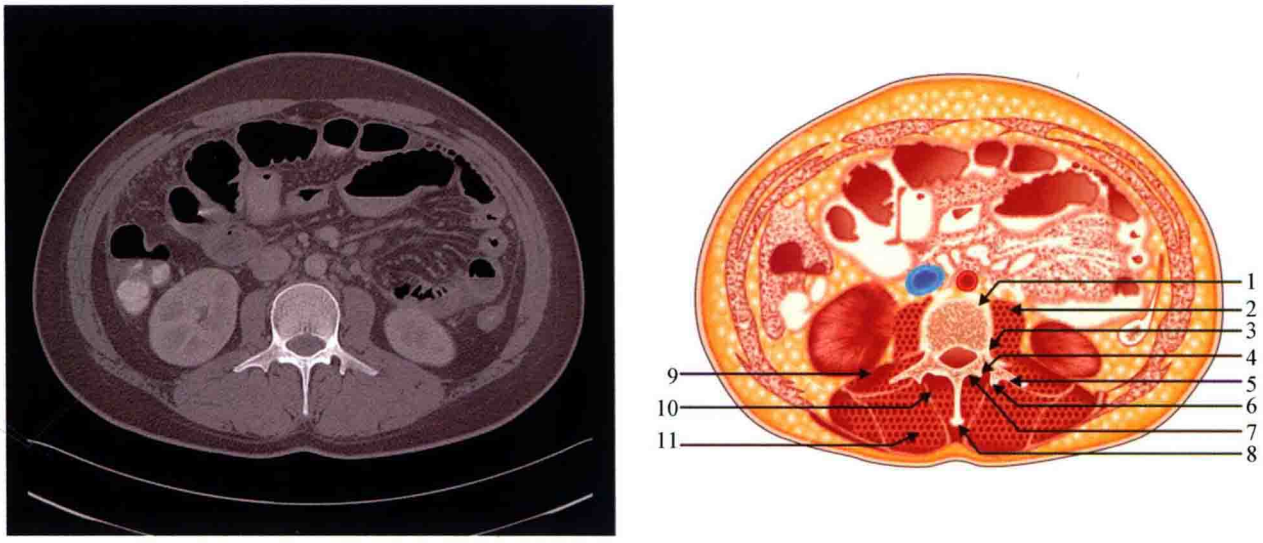


图 6-31

1. 椎体 Vertebral body
2. 腰大肌 Psoas muscle
3. 椎弓根 Pedicle
4. 附件结节 Accessory tubercle
5. 横突 Transverse process
6. 乳突 Mammillary process
7. 椎弓板 Lamina
8. 棘突 Spinous process
9. 腰方肌 Quadratus lumborum
10. 多裂肌 Multifidus muscle
11. 竖脊肌 Erector spinae

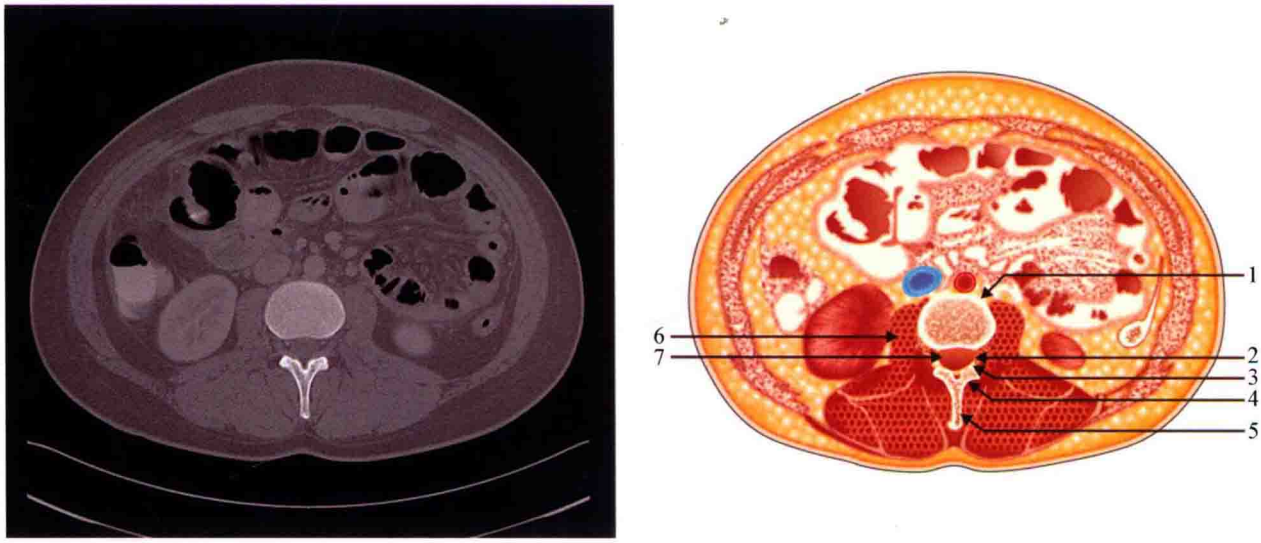
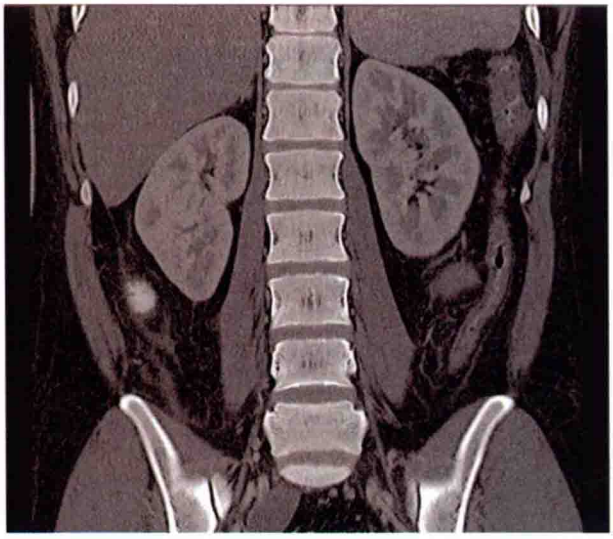


图 6-32

1. 椎体 Vertebral body
2. 椎间孔 Intervertebral foramen
3. 黄韧带 Ligamentum flavum
4. 椎弓板 Lamina
5. 棘突 Spinous process
6. 腰大肌 Psoas muscle
7. 硬膜囊 Thecal sac



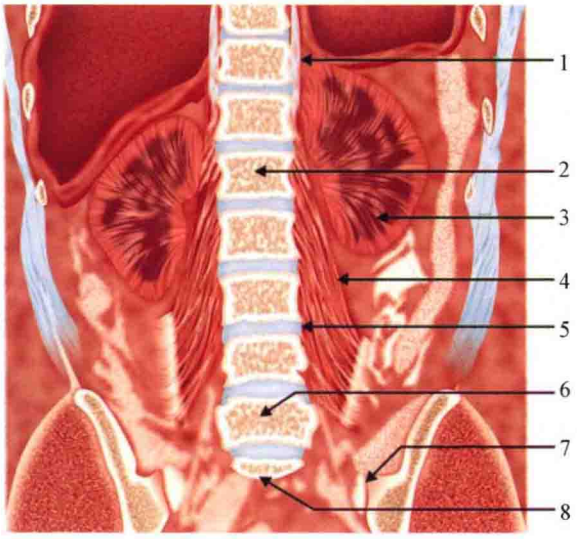
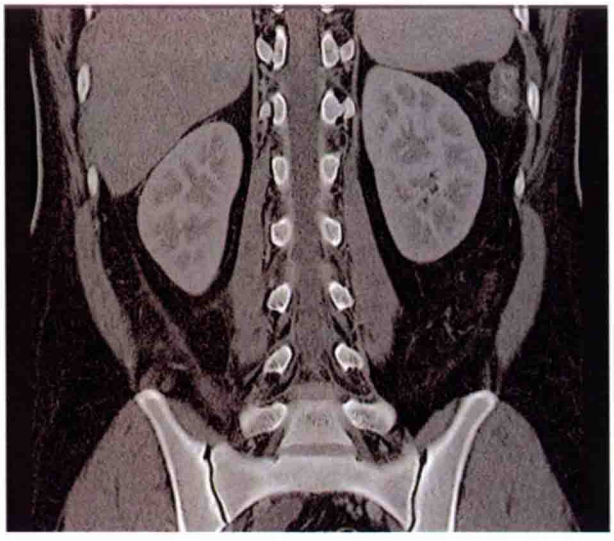


图 6-33

1. 膈脚　Crus of diaphragm
2. 第 1 腰椎　L1
3. 左肾　Left Kidney
4. 腰大肌　Psoas muscle
5. 椎间盘　Intervertebral disk
6. 第 5 腰椎椎体　L5 body
7. 骶髂关节　Sacroiliac joint
8. 骶骨岬　Sacral promontory



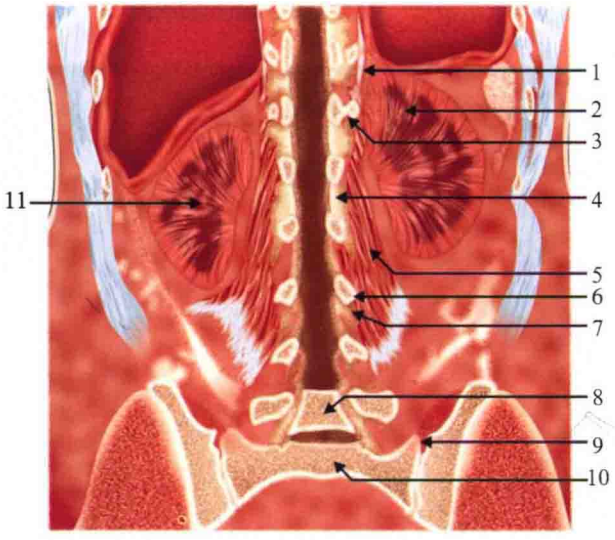


图 6-34

1. 左膈脚　Left crus of diaphragm
2. 左肾　Left kidney
3. 肋椎关节　Costovertebral joint
4. 椎间孔　Intervertebral foramen
5. 腰大肌　Psoas muscle
6. 椎弓根　Pedicle
7. 神经根　Nerve root
8. 第 5 腰椎　L5
9. 骶髂关节　Sarcoiliac joint
10. 骶骨　Sacrum
11. 右肾　Right kidney

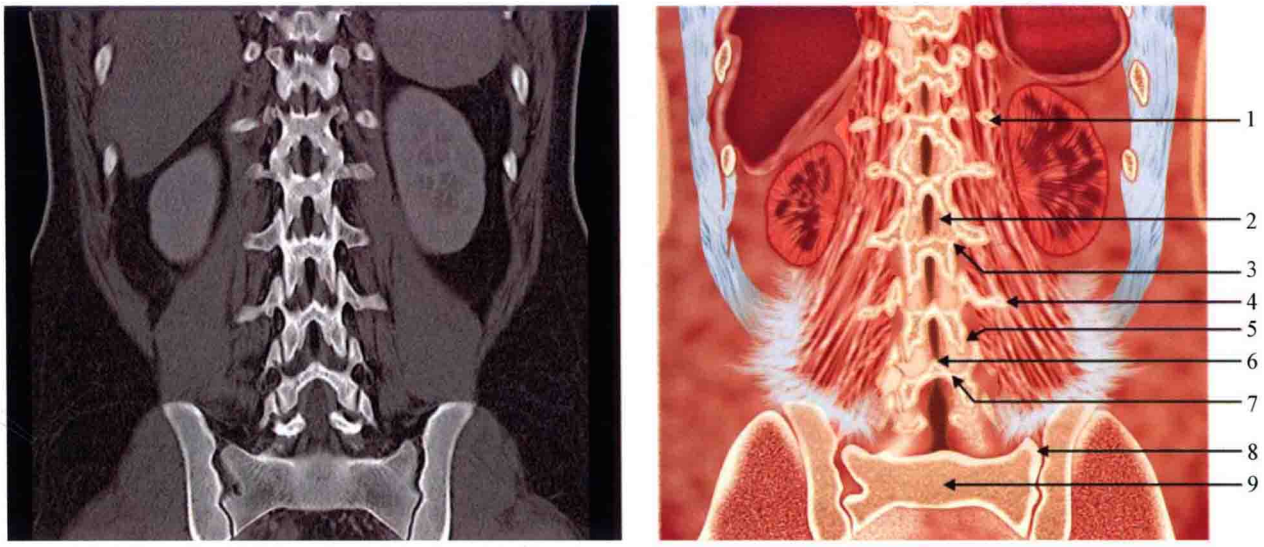


图 6-35

1. 第 12 肋骨　Twelfth rib
2. 黄韧带　Ligamentum flavum
3. 椎弓峡部　Pars interarticularis
4. 横突　Transverse process
5. 关节突关节　Facet joint
6. 椎板连接处　Spinolaminar junction
7. 椎弓板　Lamina
8. 骶髂关节　Sacroiliac joint
9. 骶椎　Sacrum

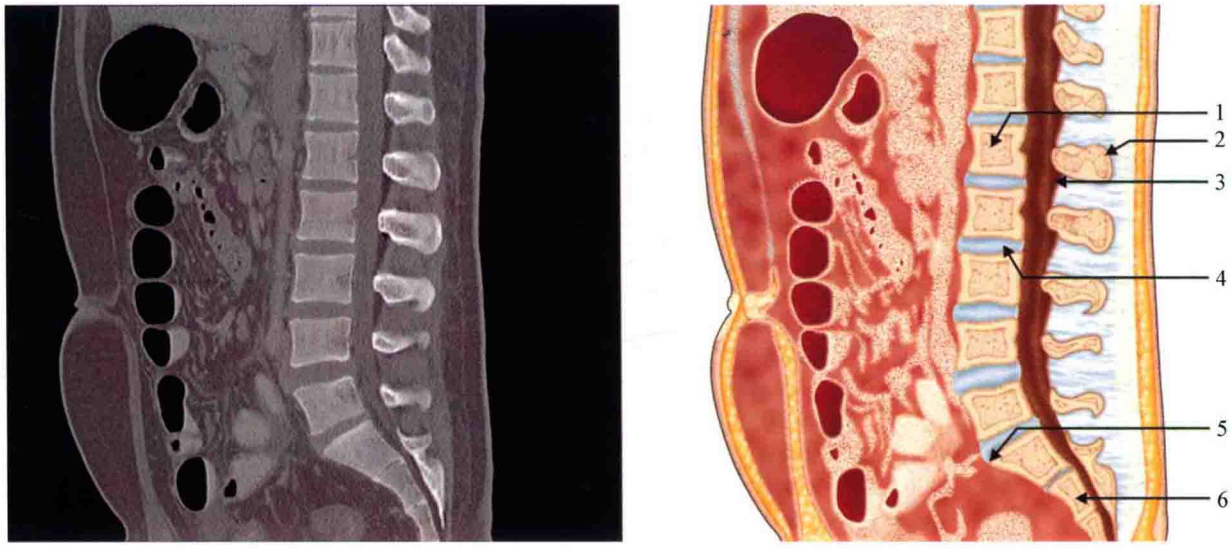


图 6-36

1. 第 1 腰椎　L1
2. 棘突　Spinous process
3. 硬膜囊　Thecal sac
4. 椎间盘　Intervertebral disk
5. 骶骨岬　Sacral promontory
6. 第 2 骶椎　S2

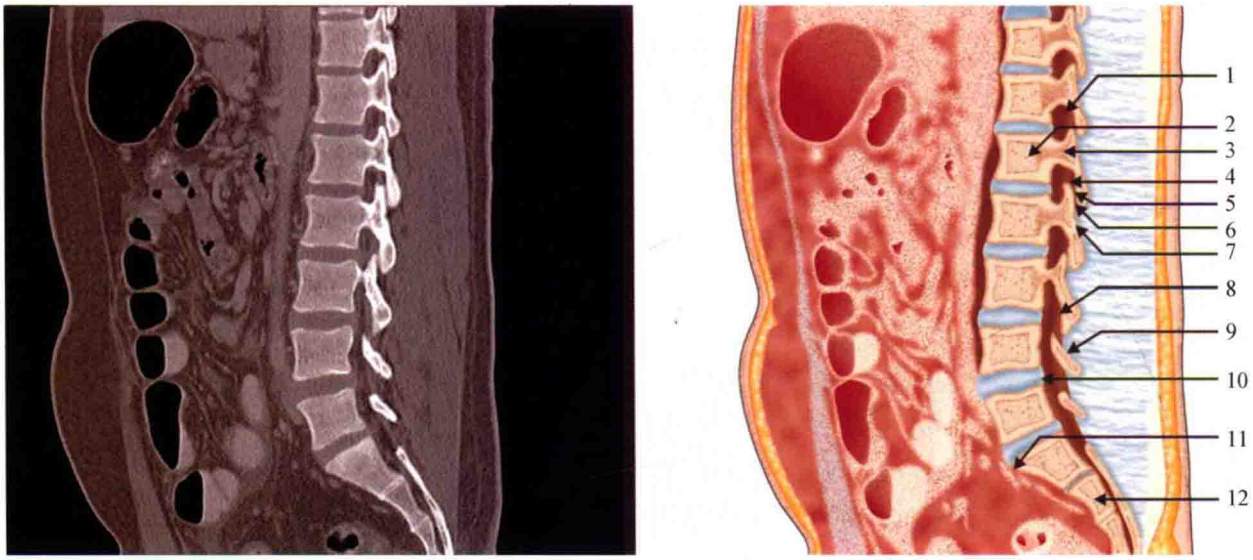


图 6-37

1. 椎间孔 Intervertebral foramen
2. 第 1 腰椎椎体 L1 body
3. 椎弓根 Pedicle
4. 上关节突 Superior facet
5. 关节突关节 Facet joint
6. 下关节突 Inferior facet
7. 椎弓峡部 Pars interarticularis
8. 黄韧带 Ligamentum flavum
9. 椎弓板 Lamina
10. 椎间盘 Intervertebral disk
11. 骶骨岬 Sacral promontory
12. 第 2 骶椎 S2

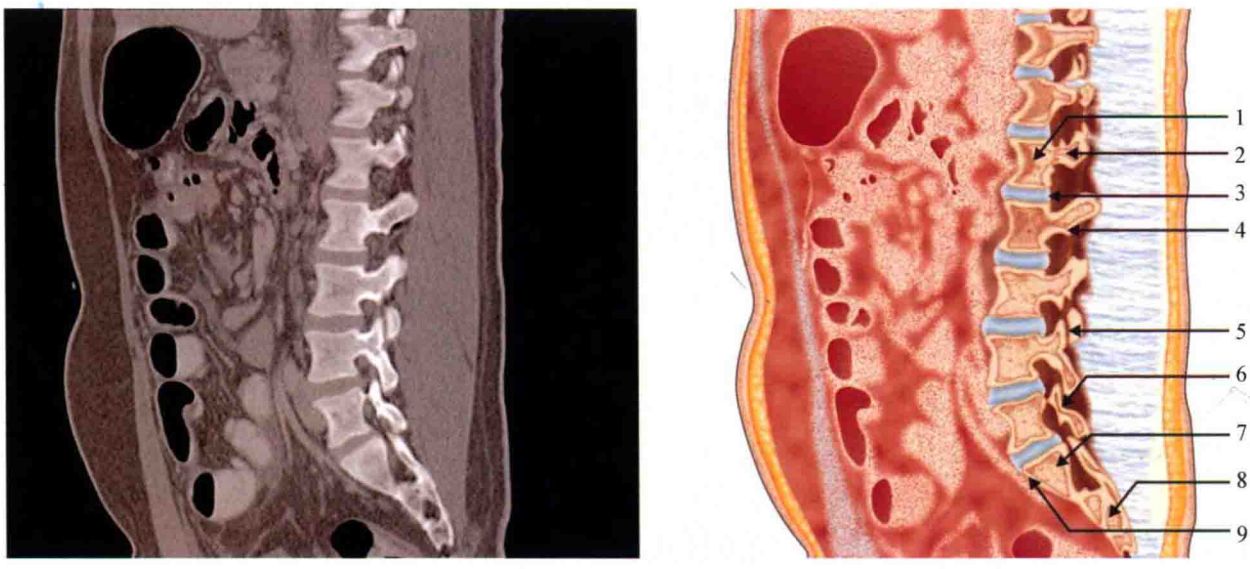
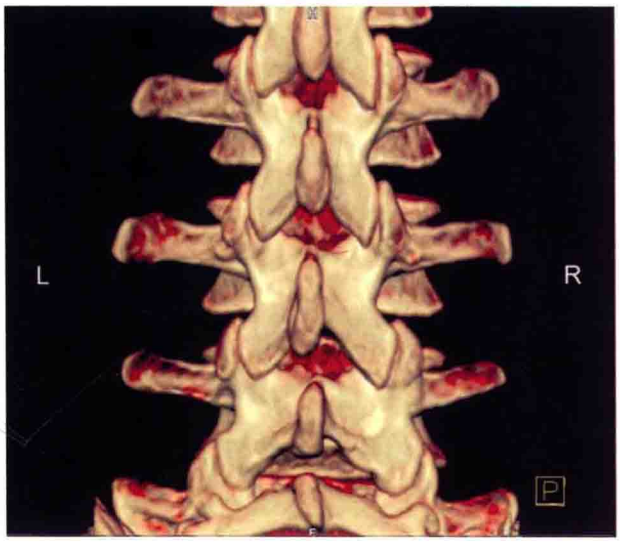


图 6-38

1. 第 1 腰椎 L1
2. 椎弓根 Pedicle
3. 椎间盘 Intervertebral disk
4. 附件结节 Accessory tubercle
5. 关节突关节 Facet joint
6. 椎弓峡部 Pars interarticularis
7. 第 1 骶椎 S1
8. 骶孔 Sacral foramen
9. 骶骨岬 Sacral promontory



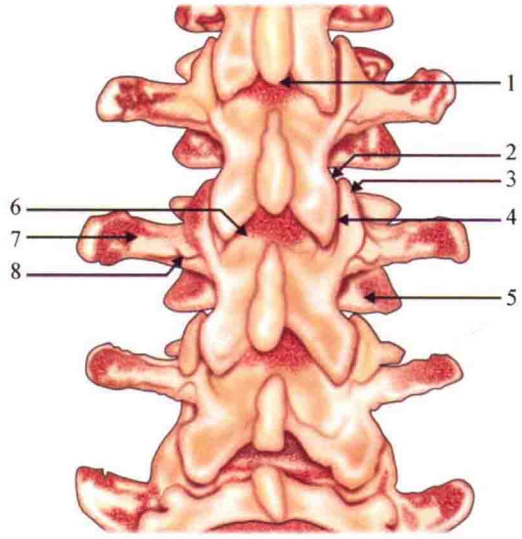
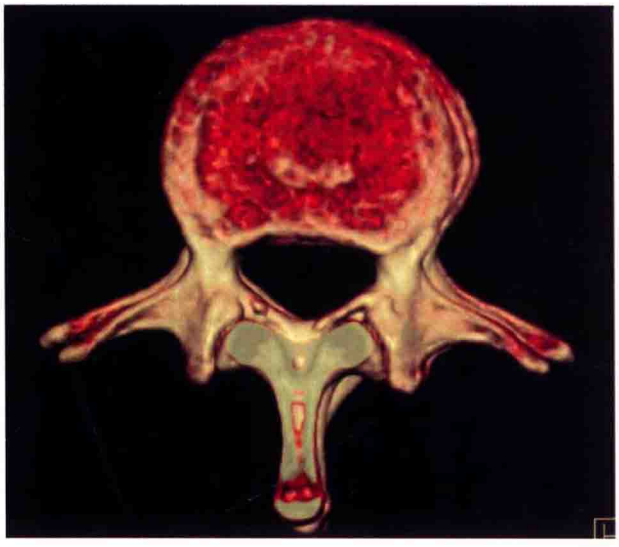


图6-39

后面观 Posterior view
1. 棘突 Spinous process
2. 下关节突 Inferior facet
3. 上关节突 Superior facet
4. 关节突关节 Facet joint
5. 椎体下缘 Inferior margin of vertebra
6. 椎弓板 Lamina
7. 横突 Transverse process
8. 附件结节 Accessory tubercle



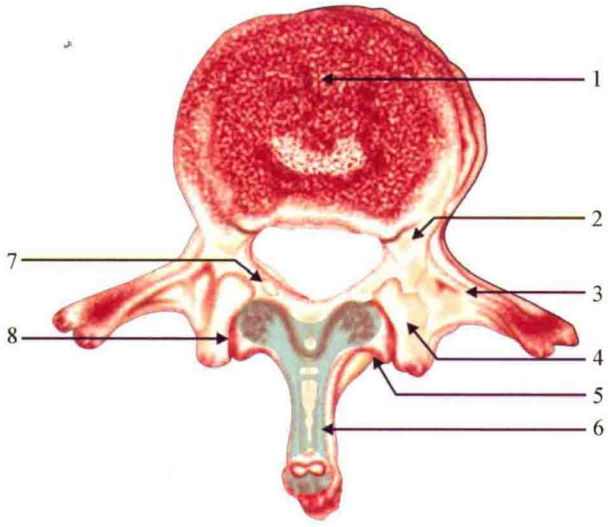
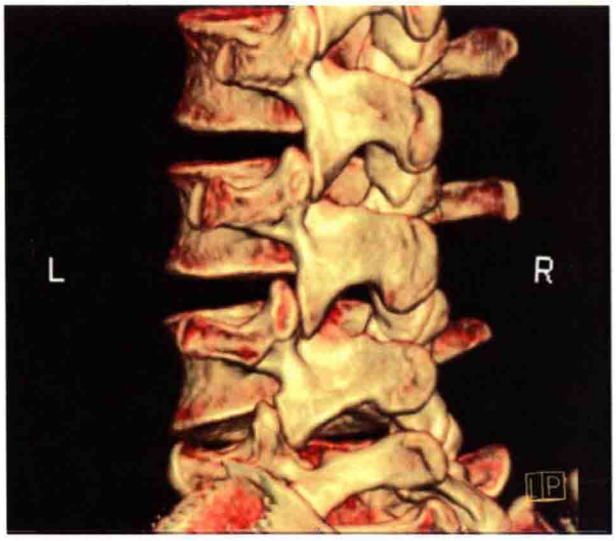


图6-40

上面观 Superior view
1. 椎体 Vertebral body
2. 椎弓根 Pedicle
3. 横突 Transverse process
4. 上关节突 Superior facet
5. 下关节突 Inferior facet
6. 棘突 Spinous process
7. 椎弓板 Lamina
8. 关节突关节 Facet joint



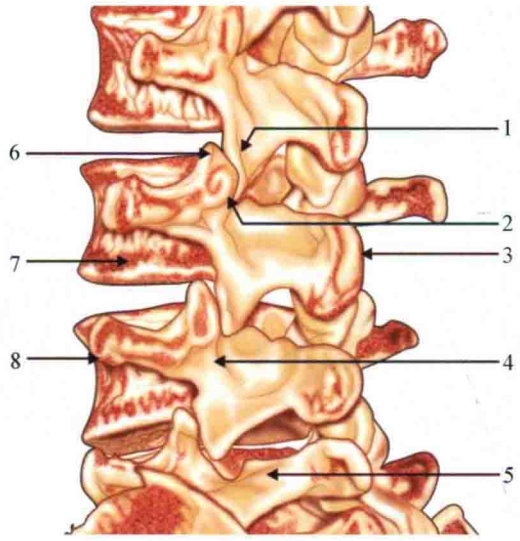
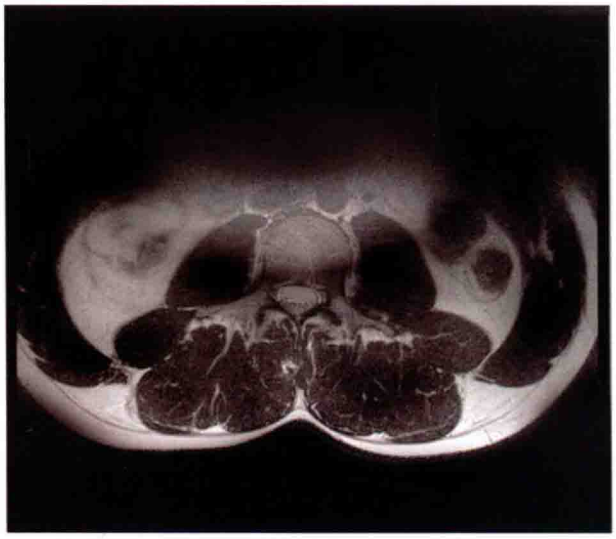


图6-41

侧面观 Lateral view	1. 下关节突 Inferior facet
2. 关节突关节 Facet joint	3. 棘突 Spinous process
4. 椎弓峡部 Pars interarticularis	5. 椎弓板 Lamina
6. 上关节突 Superior facet	7. 椎体 Vertebral body
8. 横突 Transverse process	

腰椎 MR



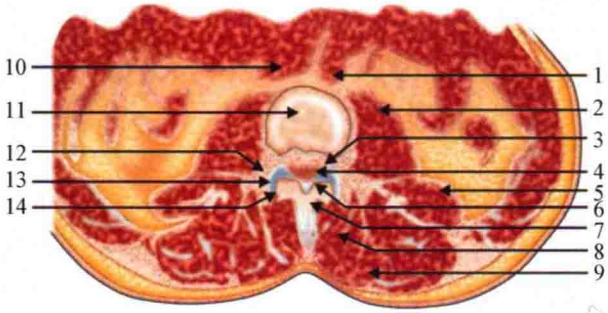
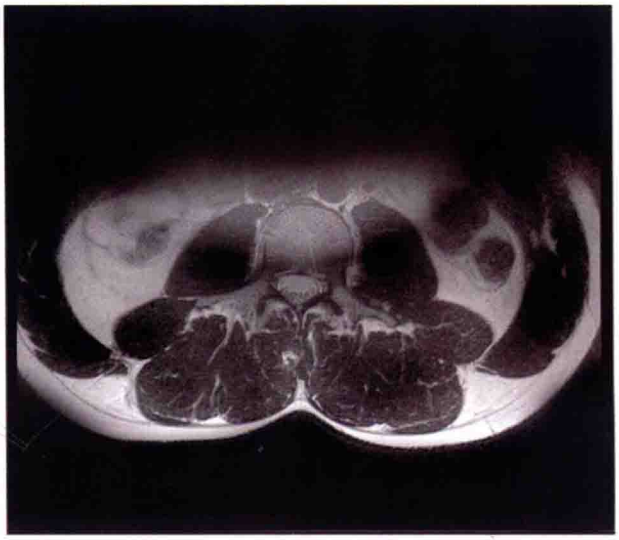


图6-42

1. 腹主动脉 Aorta	2. 腰大肌 Psoas muscle
3. 硬脊膜 Dura	4. 神经根 Nerve roots
5. 腰方肌 Quadratus lumborum	6. 黄韧带 Ligamentum flavum
7. 棘间韧带 Interspinous ligament	8. 多裂肌 Multifidus muscle
9. 竖脊肌 Erector spinae	10. 下腔静脉 IVC
11. 椎体 Vertebral body	12. 上关节突 Superior facet
13. 关节突关节 Facet joint	14. 下关节突 Inferior facet



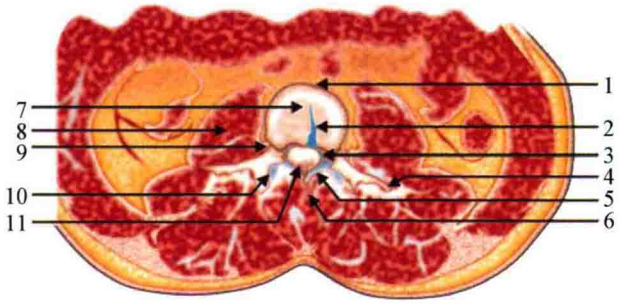
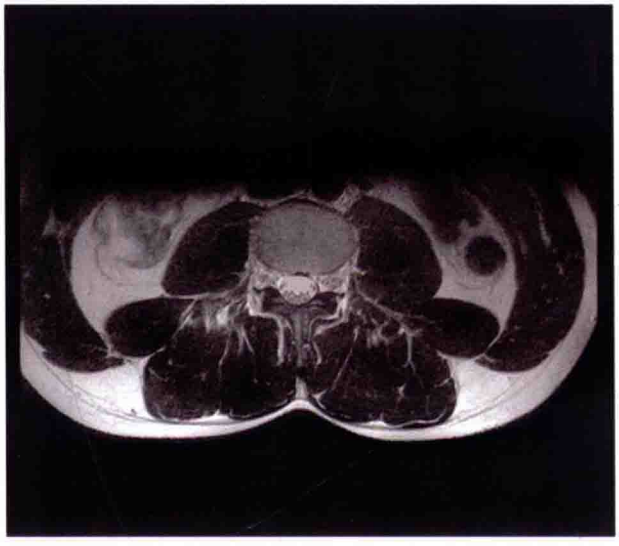


图6-43

1. 前纵韧带 Anterior longitudinal ligament
2. 椎体静脉 Basivertebral vein
3. 硬脊膜囊 Dural sac
4. 横突 Transverse process
5. 黄韧带 Ligamentum flavum
6. 棘间韧带 Interspinous ligament
7. 椎体 Vertebral body
8. 腰大肌 Psoas
9. 椎弓根 Pedicle
10. 关节突关节 Facet joint
11. 神经根 Nerve roots



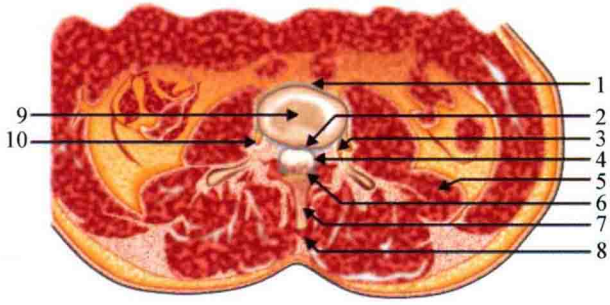
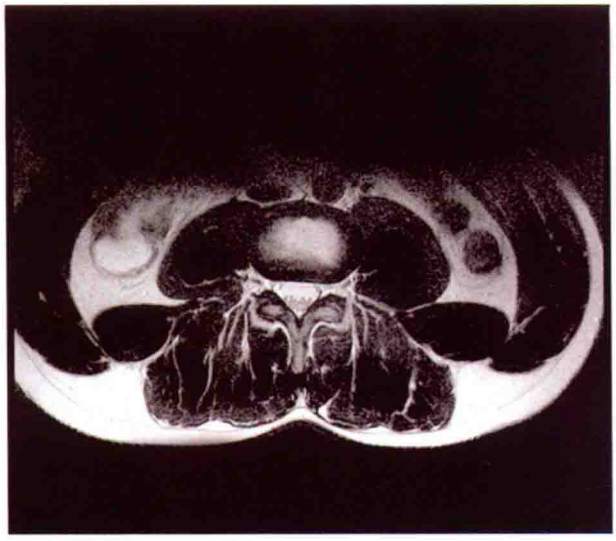


图6-44

1. 前纵韧带 Anterior longitudinal ligament
2. 后纵韧带 Posterior longitudinal ligament
3. 后根神经节 Dorsal root ganglion
4. 硬脊膜 Dura
5. 腰方肌 Quadratus lumborum
6. 椎弓板 Lamina
7. 棘突 Spinous process
8. 棘上韧带 Supraspinatous ligament
9. 椎体 Vertebral body
10. 椎间孔 Intervertebral foramen



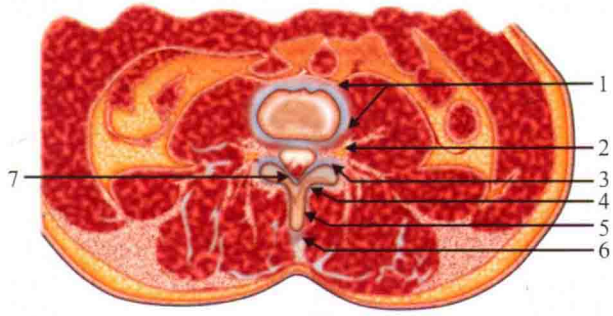


图6-45

1. 椎间盘 Intervertebral disk
2. 神经根 Nerve roots
3. 关节突关节 Facet joint
4. 椎弓板 Lamina
5. 棘突 Spinous process
6. 棘上韧带 Supraspinatous ligament
7. 黄韧带 Ligamentum flavum



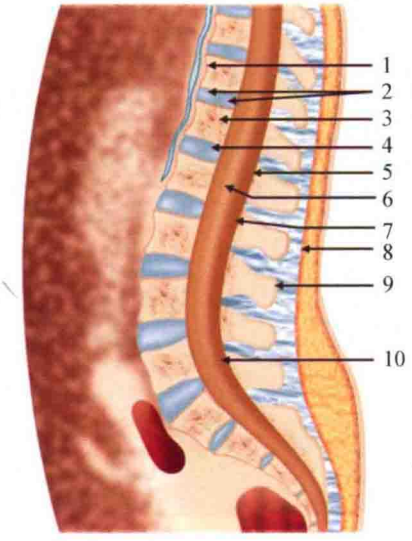


图6-46

1. 前纵韧带 Anterior longitudinal ligament
2. 纤维环 Annular fibrosis
3. 椎体 Vertebral body
4. 髓核 Nucleus pulposis
5. 硬脊膜 Dura
6. 脊髓圆锥 Conus medullaris
7. 马尾 Cauda equina
8. 棘上韧带 Supraspinatous ligament
9. 棘突 Spinous process
10. 神经根 Nerve roots



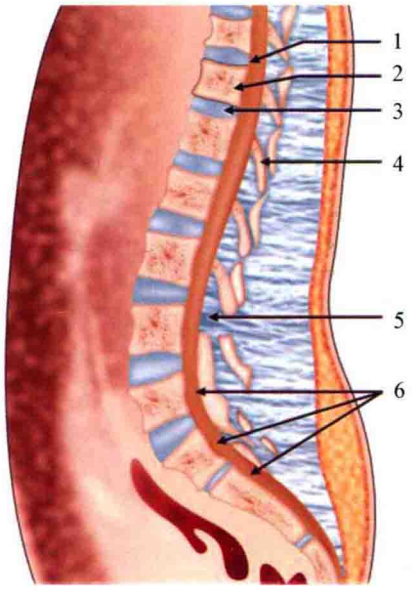


图 6-47

1. 纤维环 Annulus fibrosus
2. 椎体 Vertebral body
3. 髓核 Nucleus pulposus
4. 椎弓板 Lamina
5. 黄韧带 Ligamentum flavum
6. 神经根 Nerve roots



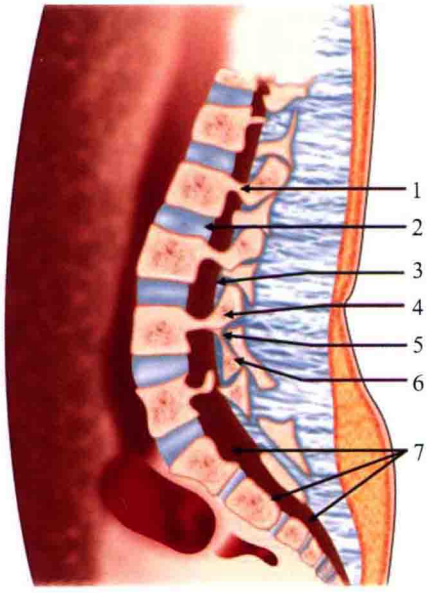


图 6-48

1. 椎弓根 Pedicle
2. 椎间盘 Intervertebral disk
3. 椎间孔 Intervertebral foramen
4. 上关节突 Superior facet
5. 椎弓峡部 Pars interarticularis
6. 下关节突 Inferior facet
7. 神经根 Nerve roots



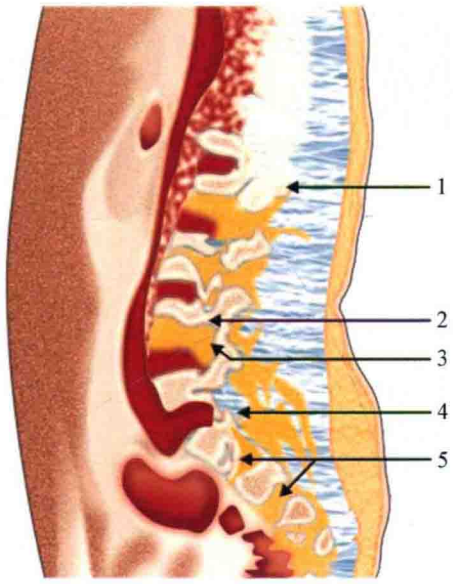
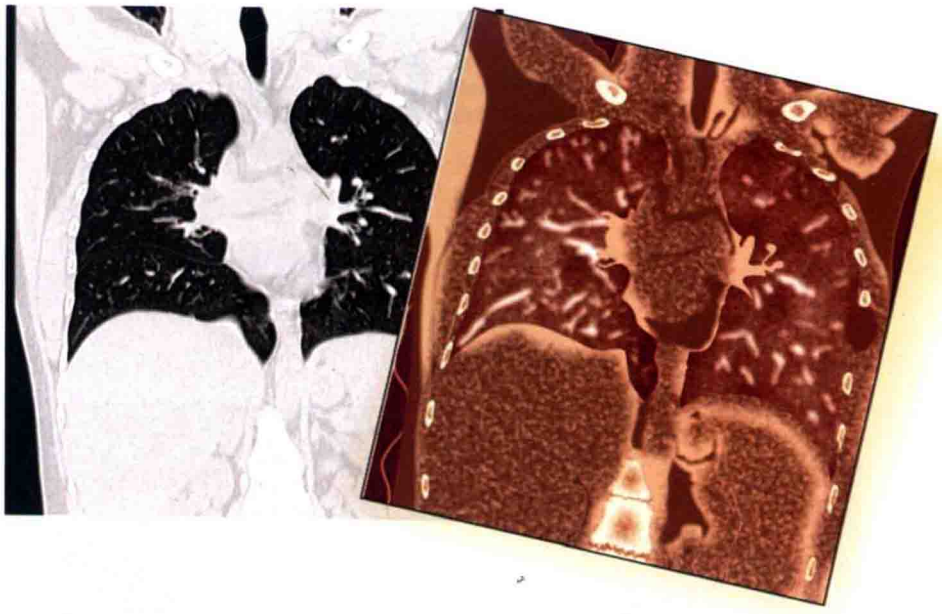


图6-49

1. 横突　Transverse process
2. 椎弓根　Pedicle
3. 椎间孔　Intervertebral foramen
4. 关节突关节　Facet joint
5. 骶神经根　Sacral nerve roots

Section 3

第三篇



躯　干

Trunk

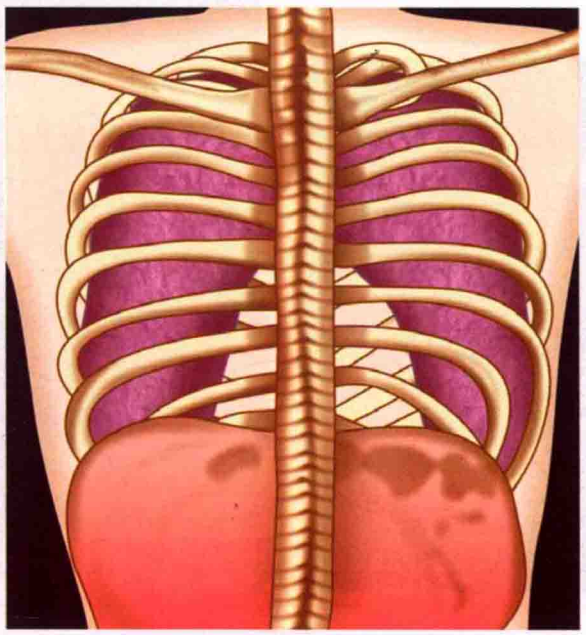
- 胸部　Chest
- 腹部　Abdomen
- 盆腔　Pelvis

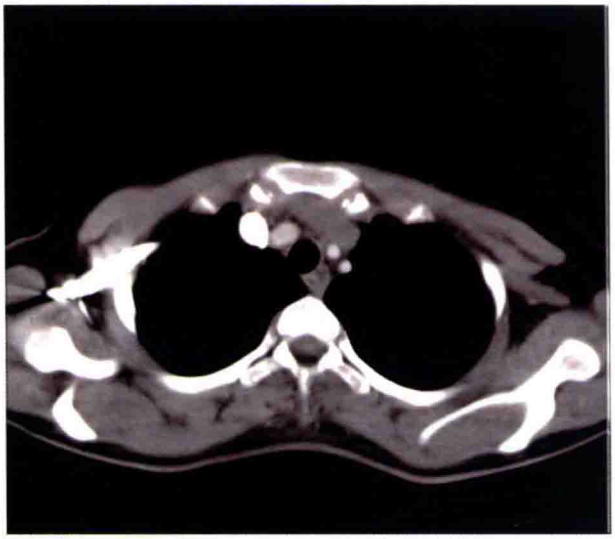
CHAPTER 7

第7章

Chest

胸　部





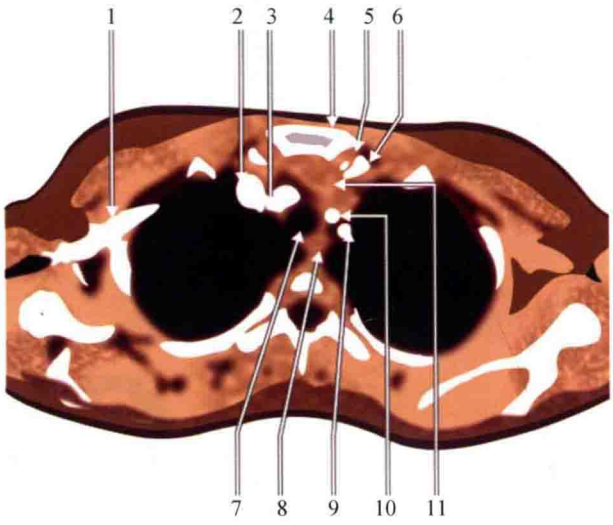


图 7-1

1. 右锁骨下静脉 Right subclavian vein
2. 右头臂静脉 Right brachiocephalic vein
3. 右头臂动脉 Right brachiocephalic artery
4. 胸骨 Sternum
5. 胸锁关节 Sternoclavicular joint
6. 锁骨 Clavicle
7. 气管 Trachea
8. 食管 Esophagus
9. 左锁骨下动脉 Left subclavian artery
10. 左颈总动脉 Left carotid artery
11. 左头臂静脉 Left brachiocephalic vein



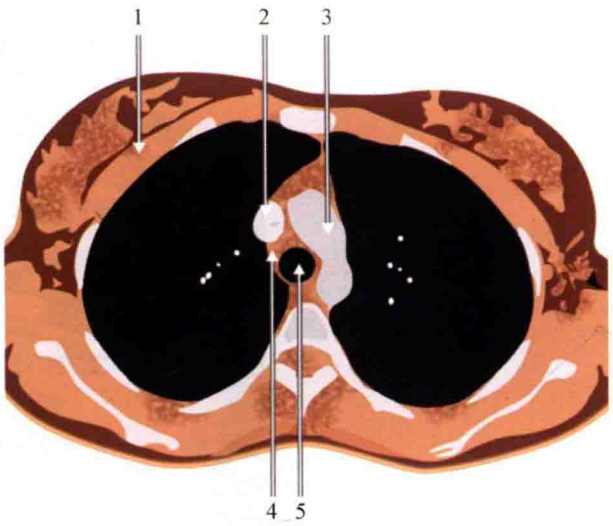
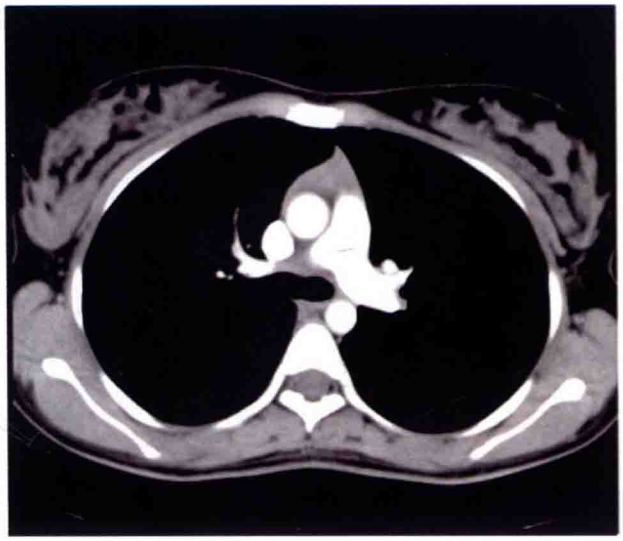


图 7-2

1. 胸肌 Pectoral muscles
2. 上腔静脉 SVC
3. 主动脉弓 Arch of aorta
4. 奇静脉 Azygos vein
5. 气管 Trachea



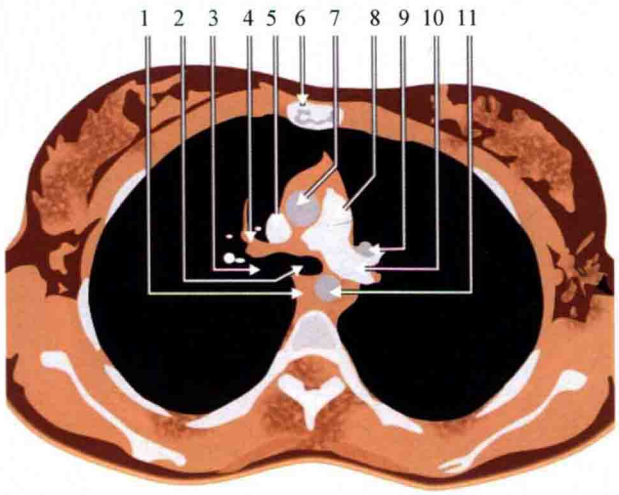
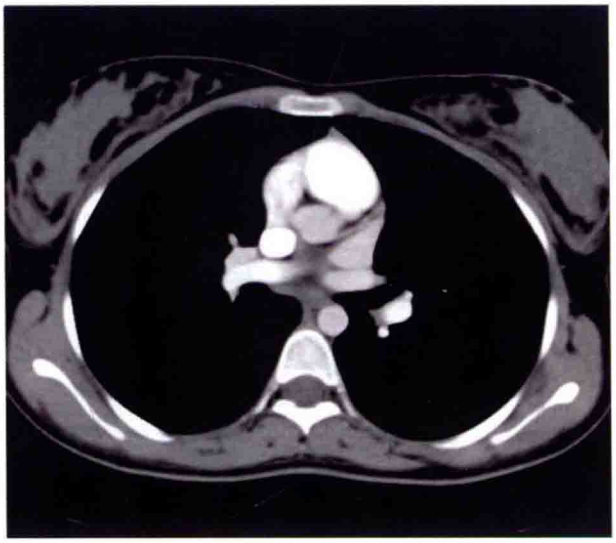


图7-3

1. 食管 Esophagus
2. 左主支气管 Left main bronchus
3. 右主支气管 Right main bronchus
4. 右上肺动脉 Right superior pulmonary artery
5. 上腔静脉 SVC
6. 胸骨 Sternum
7. 升主动脉 Ascending aorta
8. 主肺动脉 Main pulmonary artery
9. 左上肺静脉 Left superior pulmonary vein
10. 左肺动脉 Left pulmonary artery
11. 降主动脉 Descending aorta



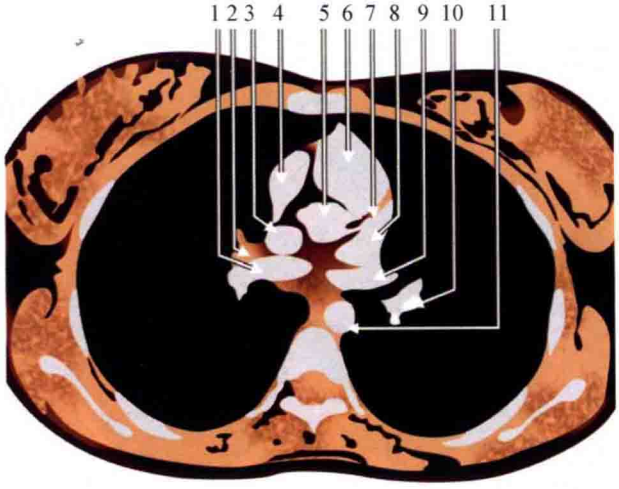


图7-4

1. 右肺动脉 Right pulmonary artery
2. 右上肺静脉 Rt Superior pulmonary vein
3. 上腔静脉 SVC
4. 右心耳 Right atrial appendage
5. 主动脉根部 Aortic root
6. 右室流出道 Right ventricular outflow tract
7. 左冠状动脉 Left coronary artery
8. 左心耳 Left atrial appendage
9. 左上肺静脉 Left superior pulmonary vein
10. 左下肺动脉 Left inferior pulmonary artery
11. 降主动脉 Descending aorta

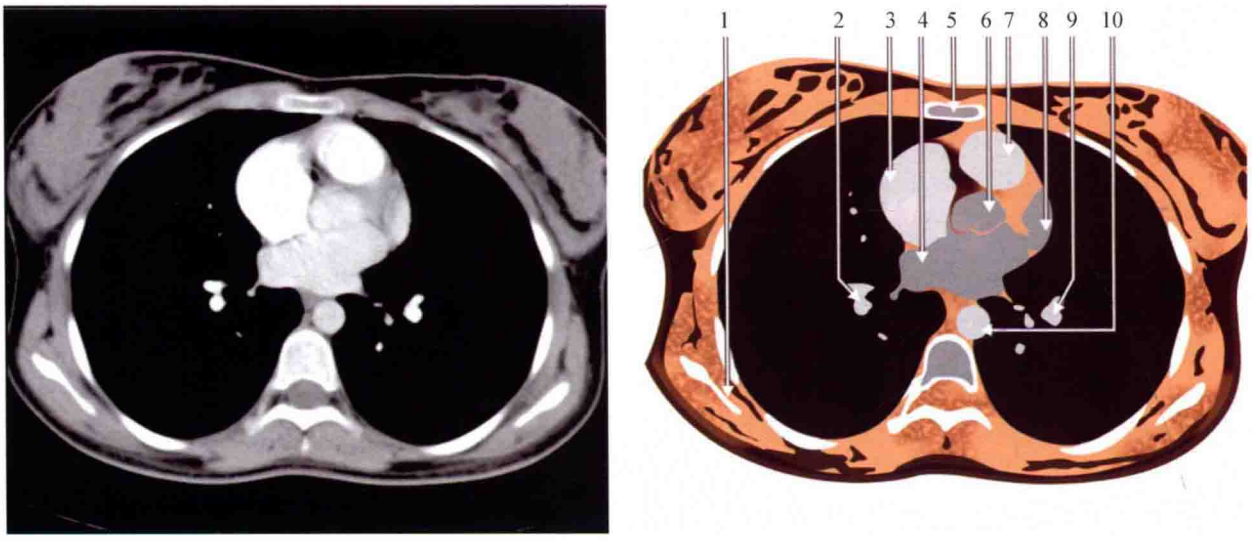


图7-5

1. 肩胛骨 Scapula
2. 右下肺动脉 Right inferior pulmonary artery
3. 右心房 Right atrium
4. 左心房 Left atrium
5. 胸骨 Sternum
6. 主动脉根部 Aortic root
7. 右心室漏斗部 Infundibulum of right ventricle
8. 左心耳 Left atrial appendage
9. 左下肺动脉 Left inferior pulmonary artery
10. 降主动脉 Descending aorta

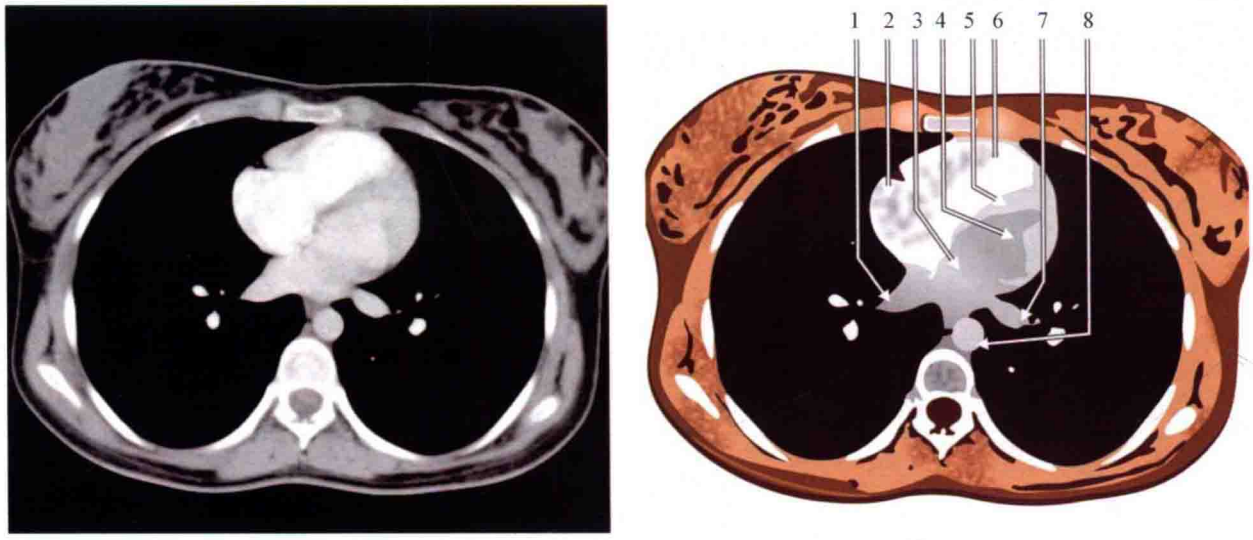
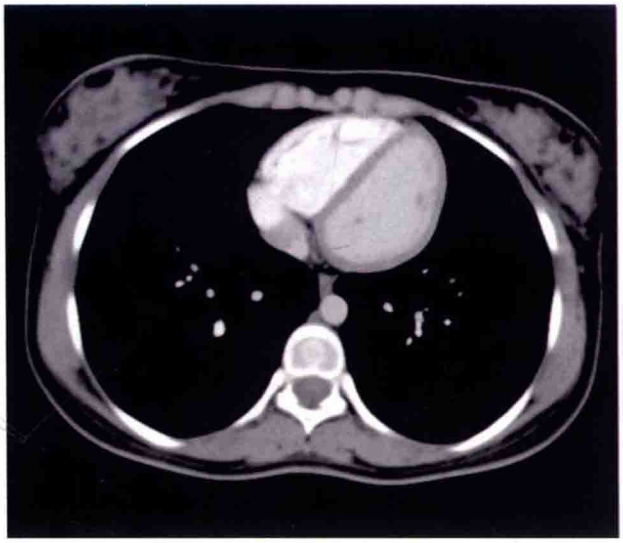


图7-6

1. 右下肺静脉 RT inferior pulmonary vein
2. 右心房 Right atrium
3. 左心房 Left atrium
4. 左心室 Left ventricle
5. 室间隔 Interventricular septum
6. 右心室 Right ventricle
7. 左下肺静脉 Left inferior pulmonary vein
8. 降主动脉 Descending aorta



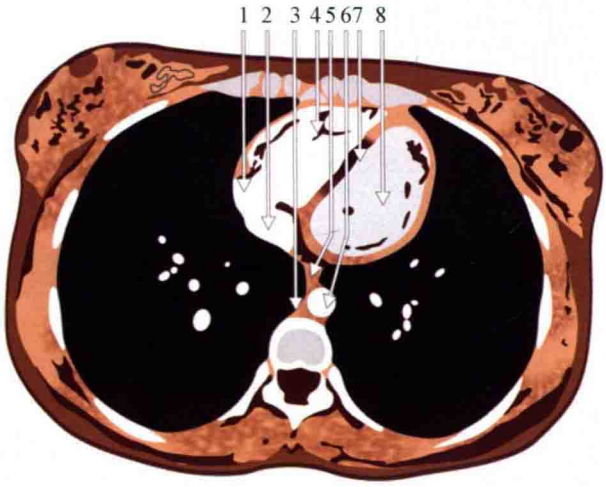
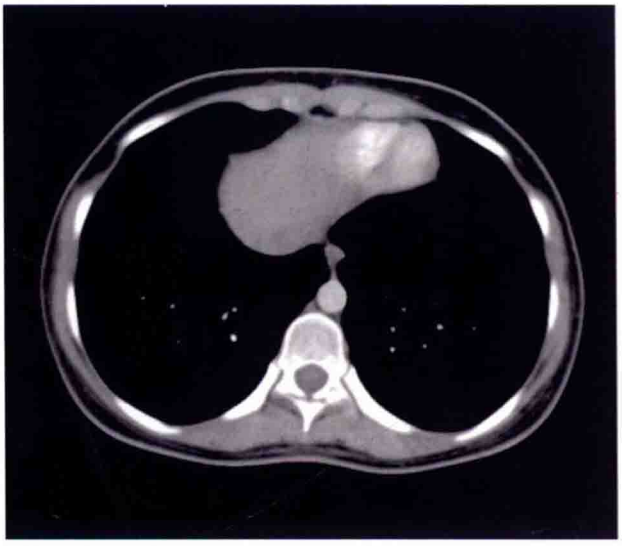


图7-7

1. 右心房 Right atrium
2. 下腔静脉右心房开口 IVC opening into RA
3. 奇静脉 Azygos vein
4. 右心室 Right ventricle
5. 食管 Esophagus
6. 降主动脉 Descending aorta
7. 室间隔 Interventricular septum
8. 左心室 Left ventricle



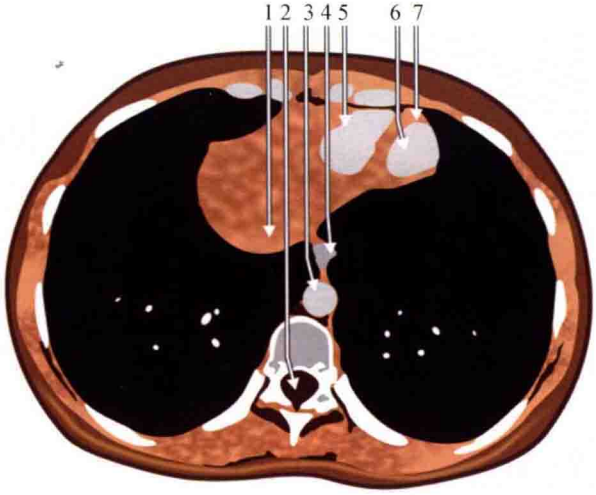


图7-8

1. 下腔静脉 IVC
2. 脊髓 Spinal cord
3. 主动脉 Aorta
4. 食管 Esophagus
5. 右心室 Right ventricle
6. 左心室 Left ventricle
7. 心尖 Cardiac apex

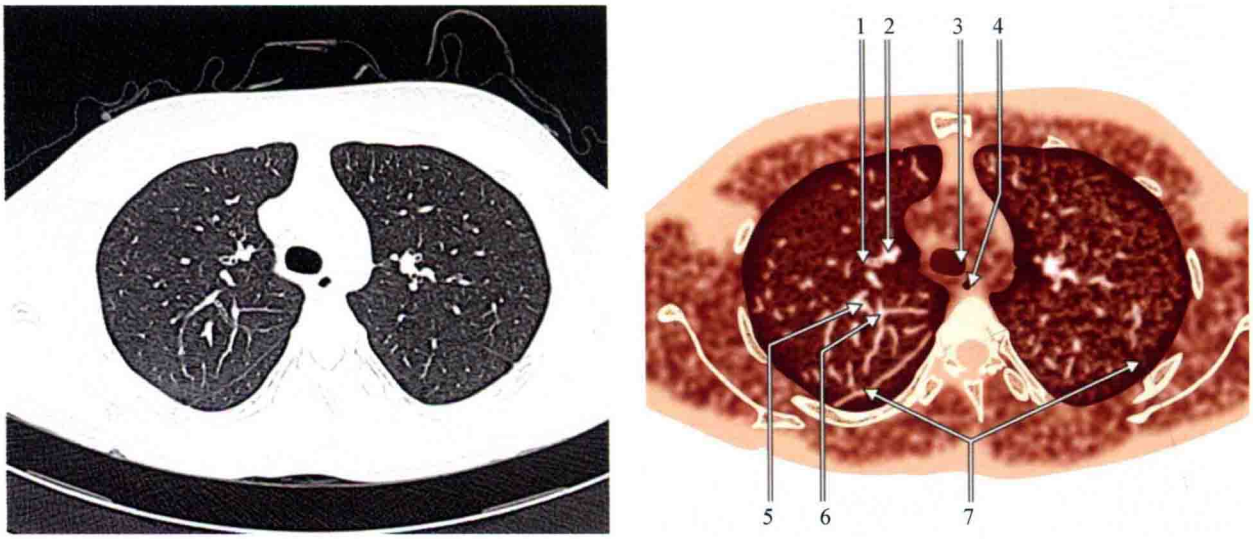


图7-9

1. 支气管 Bronchus
2. 尖段血管 Apical segment vessels
3. 气管 Trachea
4. 食管 Esophagus
5. 支气管血管结构 Bronchovascular structures
6. 后段 Posterior segment
7. 斜裂 Major fissure

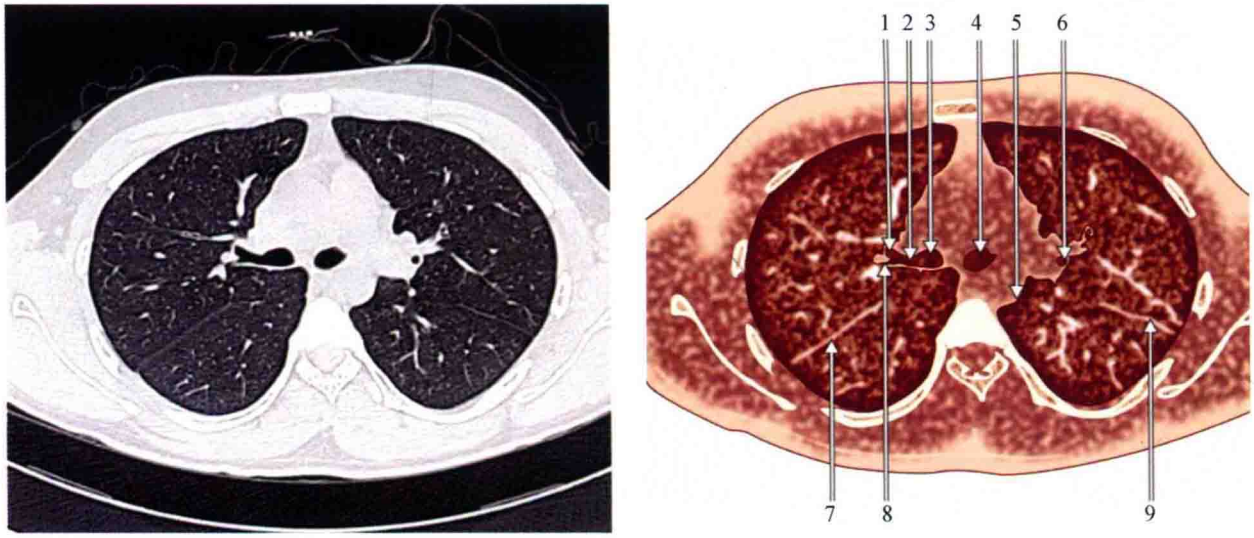
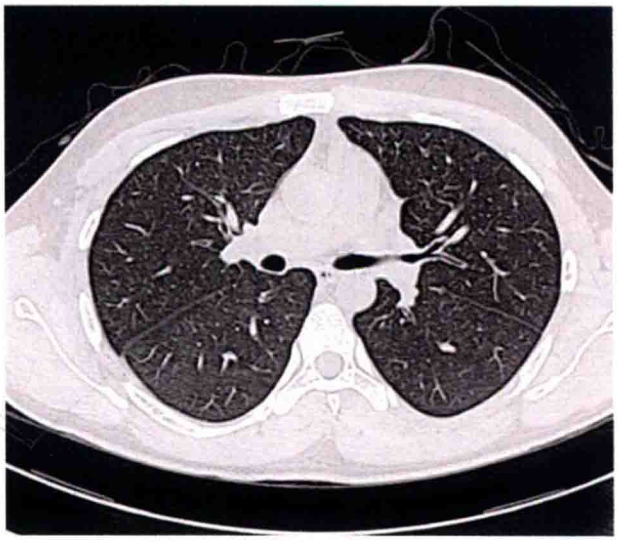


图7-10

1. 前段 Anterior segment
2. 右上叶支气管 Right upper lobe bronchus
3. 右主支气管 Right mainstem bronchus
4. 左主支气管 Left mainstem bronchus
5. 降主动脉 Descending aorta
6. 尖后段支气管 Apicoposterior bronchus
7. 斜裂 Major fissure
8. 后段支气管 Posterior segment bronchus
9. 斜裂 Major fissure



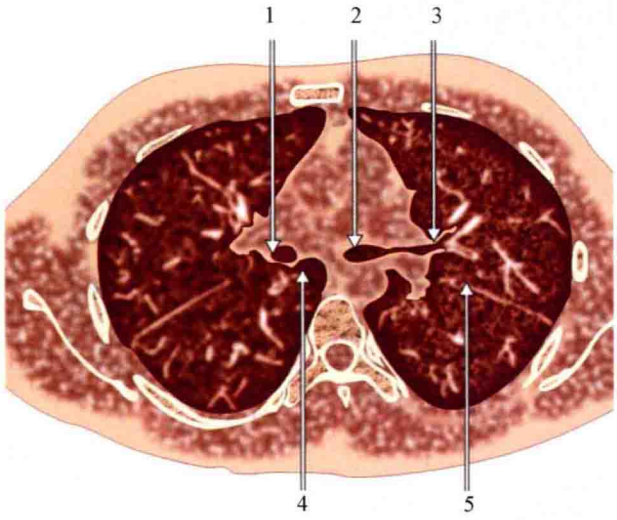
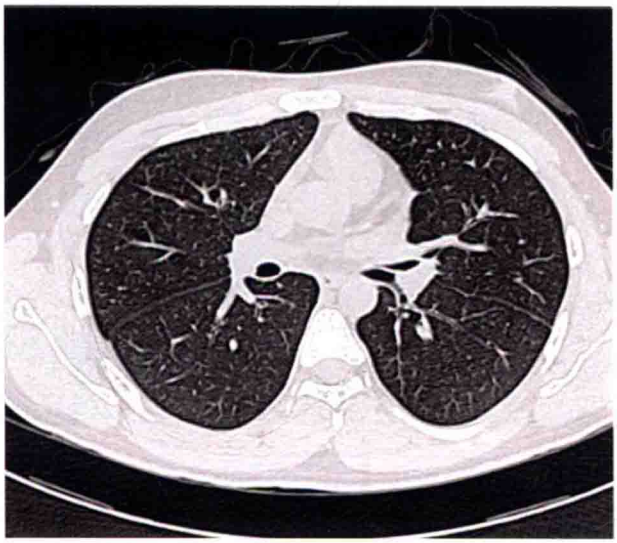


图7-11

1. 中间支气管　Bronchus intermedius
2. 左主支气管　Left mainstem bronchus
3. 前段支气管　Anterior segment bronchus
4. 奇静脉食管隐窝　Azygoesophageal recess
5. 斜裂　Major fissure



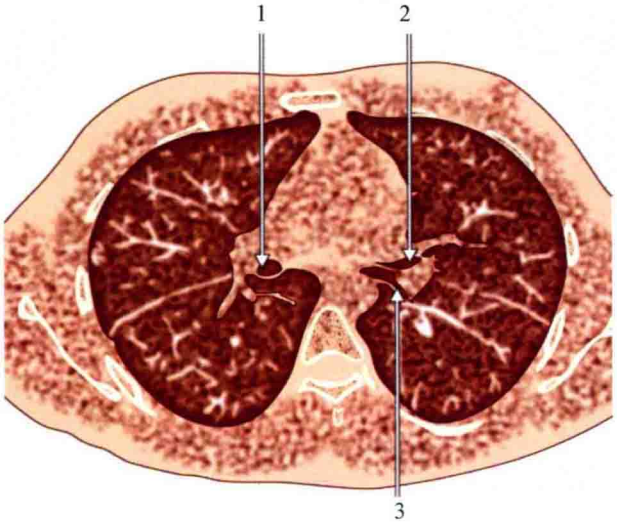


图7-12

1. 中间支气管　Bronchus intermedius
2. 舌叶支气管　Lingular lobe bronchus
3. 上基底段支气管　Superior basal segment bronchus

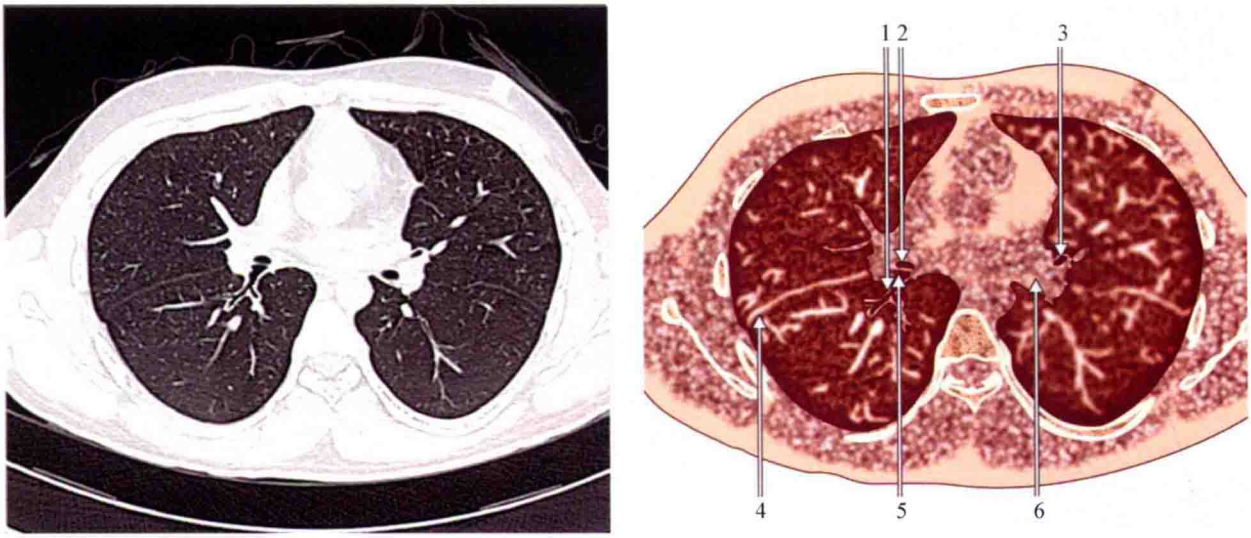


图 7-13

1. 上基底段支气管 Superior basal segment bronchus
2. 中叶支气管 Middle lobe bronchus
3. 舌叶支气管 Lingular lobe bronchus
4. 斜裂 Major fissure
5. 下叶支气管 Lower lobe bronchus
6. 下叶支气管 Lower lobe bronchus

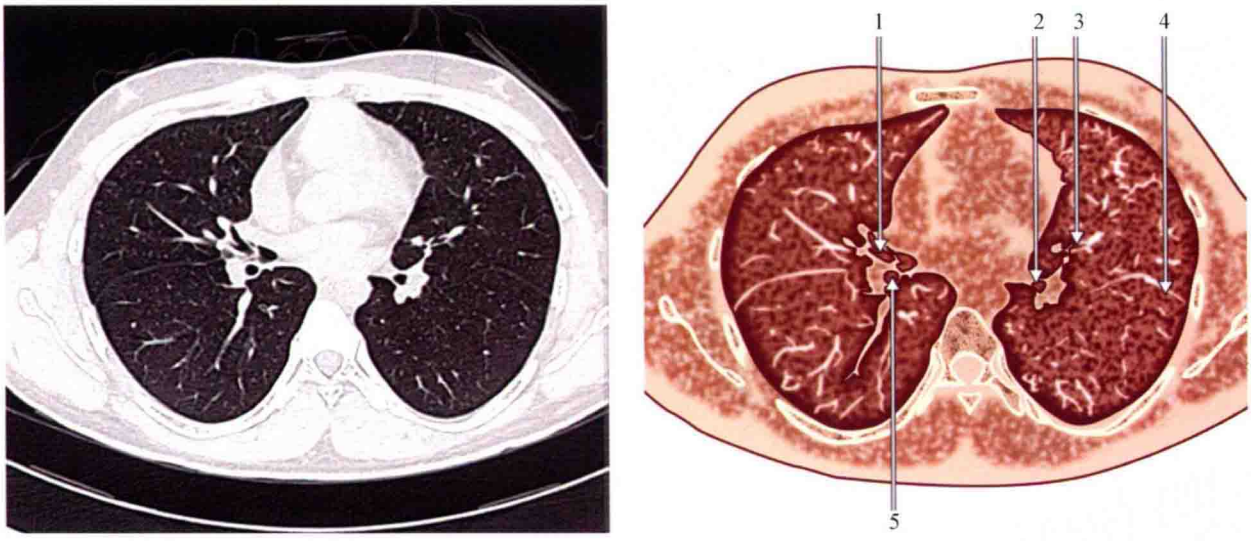
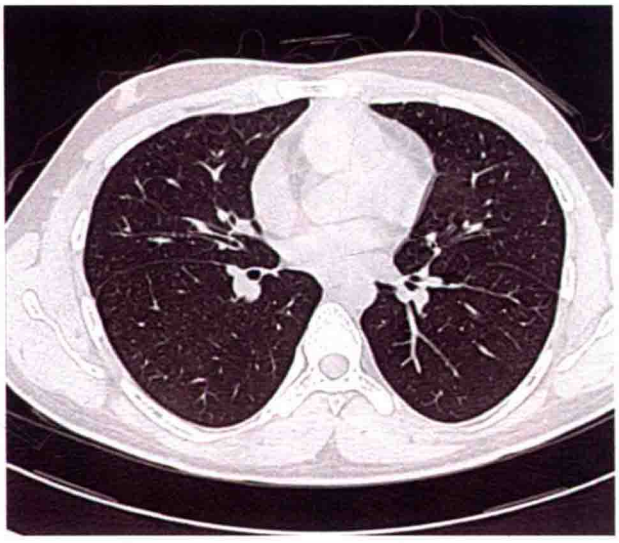


图 7-14

1. 中叶支气管 Middle lobe bronchus
2. 左下叶支气管 Left lower lobe bronchus
3. 舌叶支气管 Lingular lobe bronchus
4. 斜裂 Major fissure
5. 下叶支气管 Lower lobe bronchus



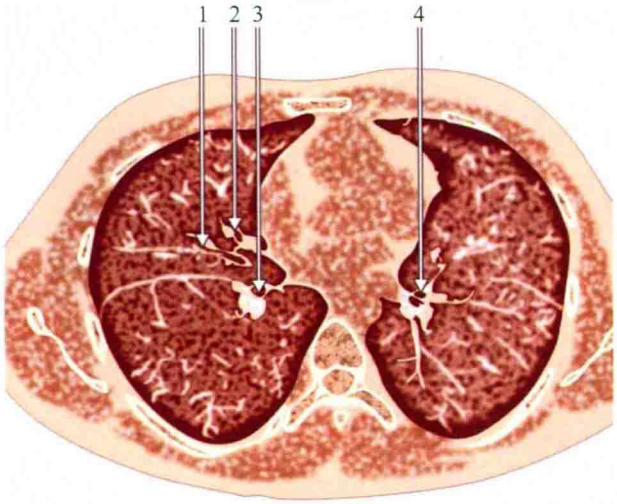
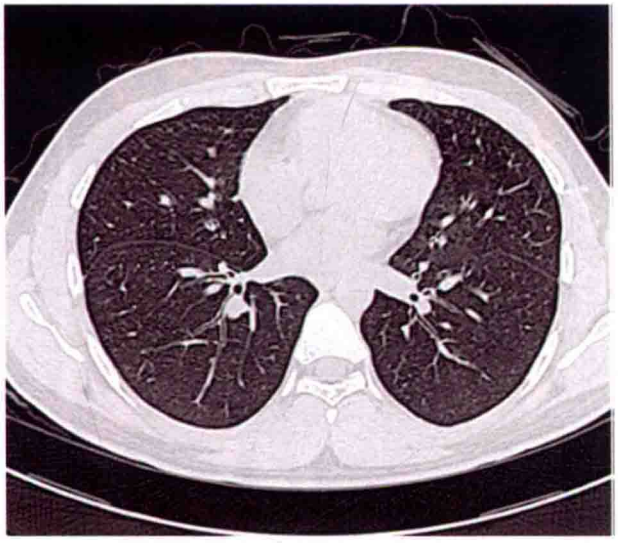


图 7-15

1. 右肺中叶外侧段支气管　Bronchus of lateral segment of right middle lobe
2. 右肺中叶内侧段支气管　Bronchus of medial segment of RML
3. 下叶支气管　Lower lobe bronchus
4. 左下叶支气管　Left lower lobe bronchi



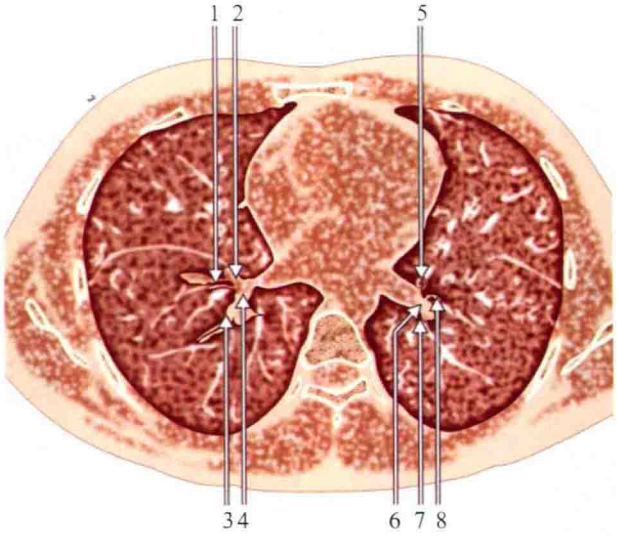
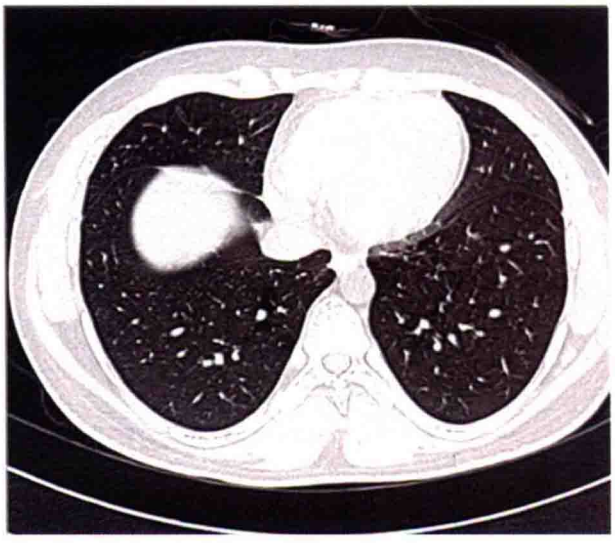


图 7-16

段支气管　Segmental bronchi
1. 前基底段　Anterior basal
2. 内基底段　Medial basal
3. 外基底段　Lateral basal
4. 后基底段　Posterior basalL

下叶段支气管　Lower lobe Segmental bronchi
5. 内侧基底段　Medial basal
6. 外侧基底段　Lateral basal
7. 后基底段　Posterior basal
8. 前基底段　Anterior basal



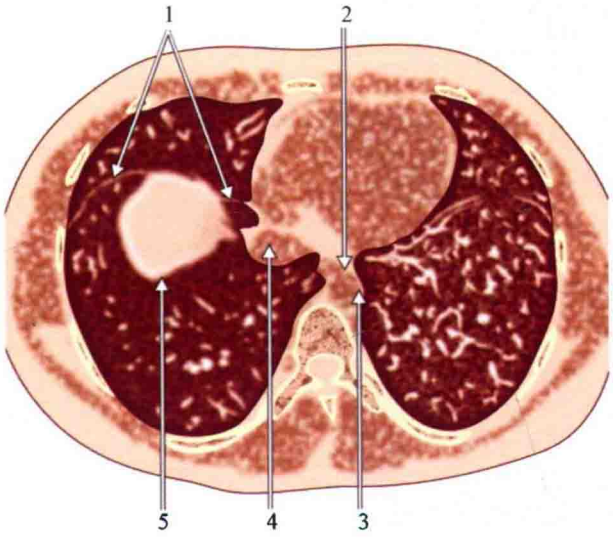
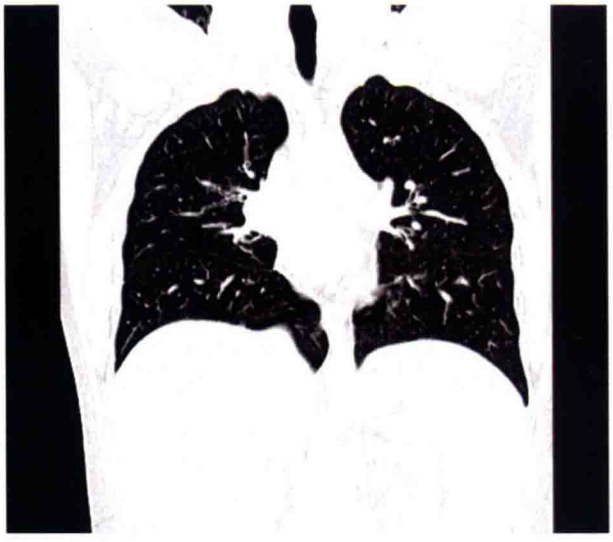


图 7-17

1. 斜裂 Major fissure
2. 食管 Esophagus
3. 降主动脉 Descending aorta
4. 下腔静脉 IVC
5. 肝 Liver



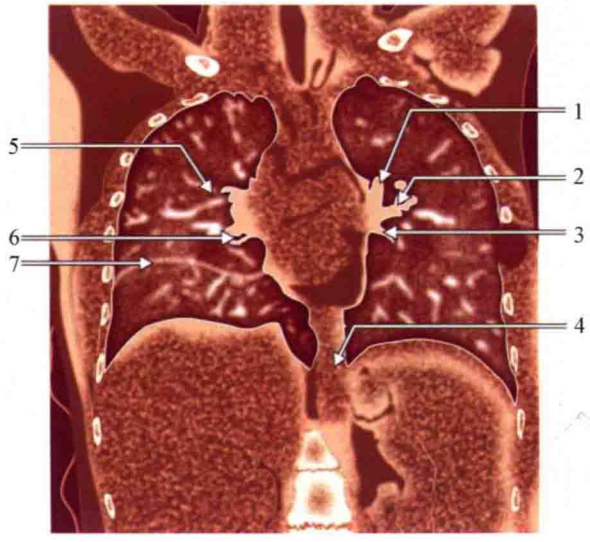
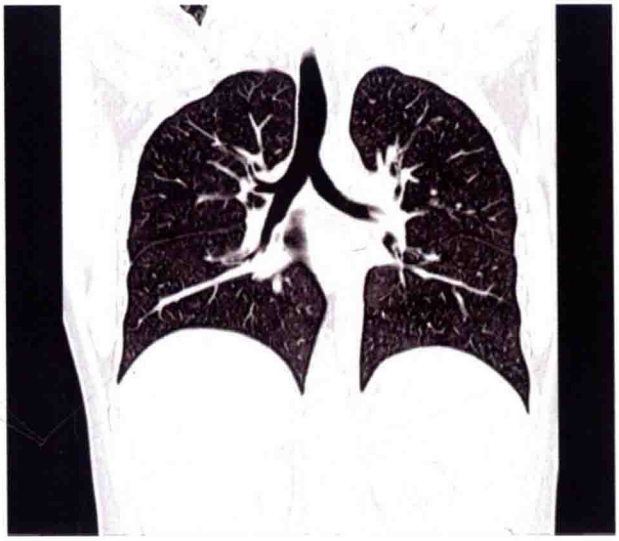


图 7-18

1. 左上肺静脉 Left superior pulmonary vein
2. 前段支气管 Anterior segment bronchus
3. 舌叶支气管 Lingular lobe bronchi
4. 降主动脉 Descending aorta
5. 前段支气管 Anterior segment bronchi
6. 中叶支气管 Middle lobe bronchus
7. 斜裂 Major fissure



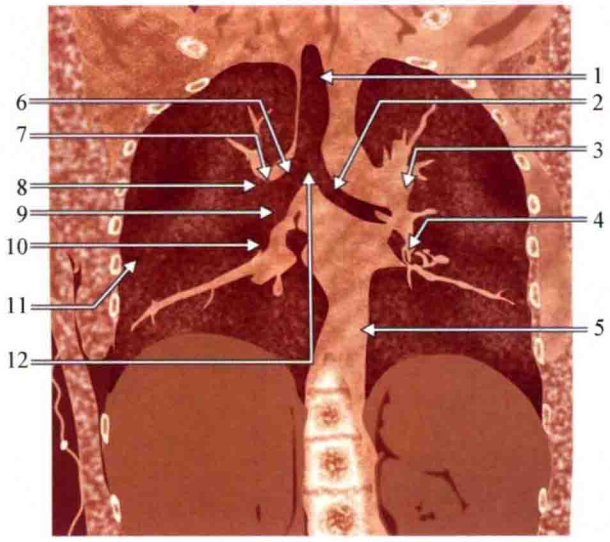


图 7-19

1. 气管 Trachea
2. 左主支气管 Left mainstem bronchus
3. 尖后段支气管 Apicoposterior segment bronchus
4. 下叶支气管 Lower lobe bronchi
5. 降主动脉 Descending aorta
6. 右主支气管 Right mainstem bronchus
7. 右上叶支气管 Right upper lobe bronchus
8. 尖段支气管 Apical segment bronchus
9. 后段支气管 Posterior segment bronchi
10. 中间支气管 Bronchus intermedius
11. 斜裂 Major fissure
12. 气管隆嵴 Carina



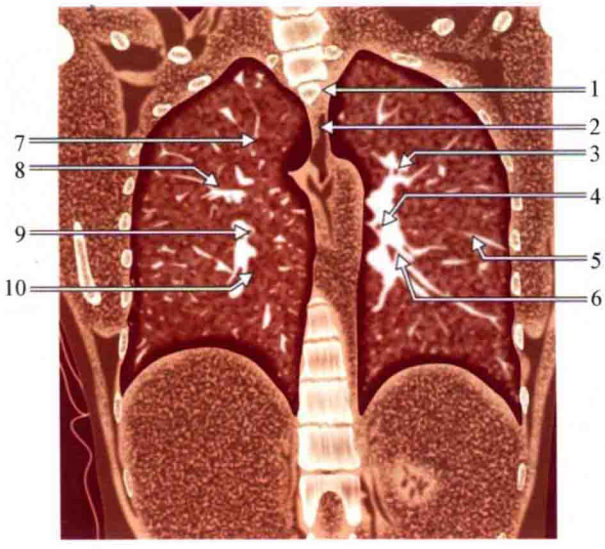


图 7-20

1. 食管内气体 Air in the esophagus
2. 气管 Trachea
3. 尖后段支气管 Apicoposterior segment bronchus
4. 上基底段支气管 Superior basal segment bronchus
5. 斜裂 Major fissure
6. 下叶段支气管 Lower lobe segment bronchus
7. 尖段支气管 Apical segment bronchus
8. 后段支气管 Posterior segment bronchus
9. 上基底段支气管 Superior basal segment bronchus
10. 下叶段支气管 Lower lobe segment bronchus

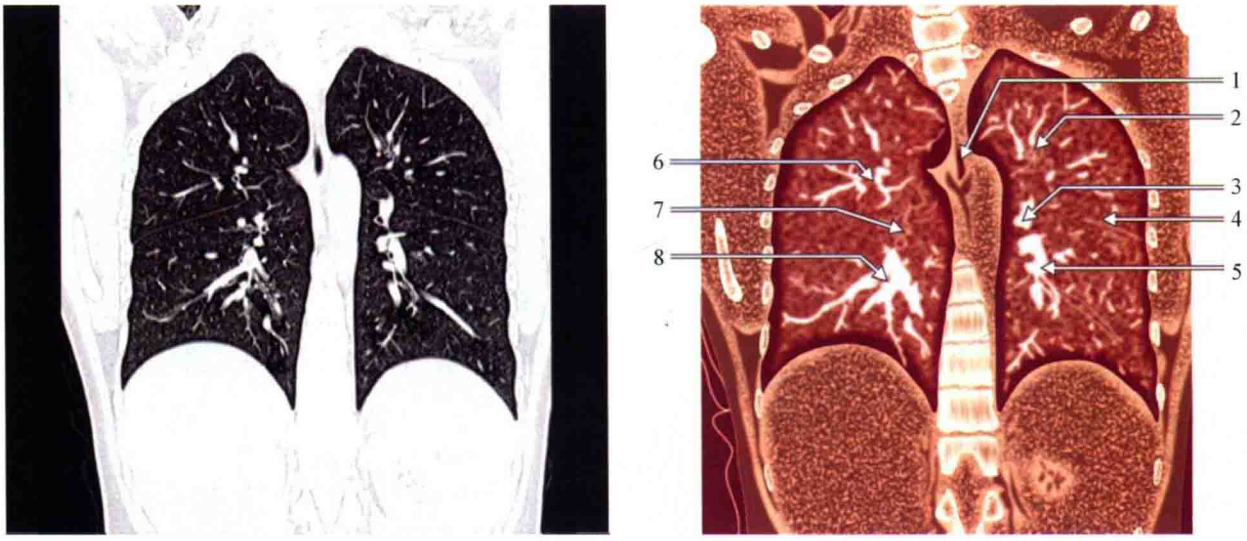


图7-21

1. 食管内气体 Air in the esophagus
2. 尖后段支气管 Apicoposterior segment bronchus
3. 上基底段支气管 Superior basal segment bronchus
4. 斜裂 Major fissure
5. 下叶段支气管 Lower lobe segment bronchus
6. 后段支气管 Posterior segment bronchus
7. 上基底段支气管 Superior basal segment bronchus
8. 下叶段支气管 Lower lobe segment bronchus

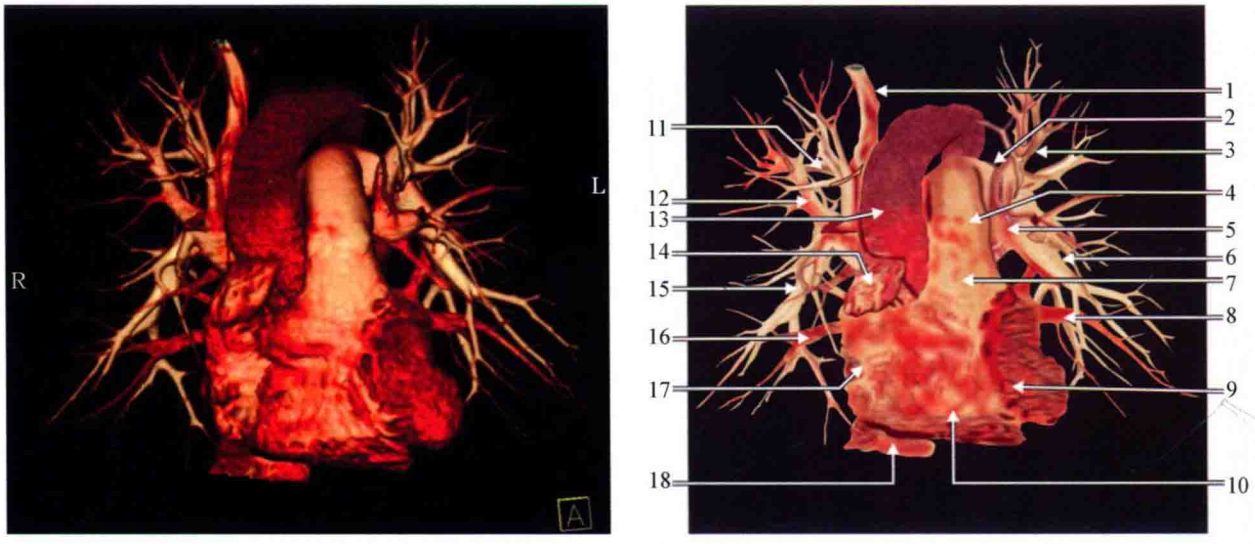
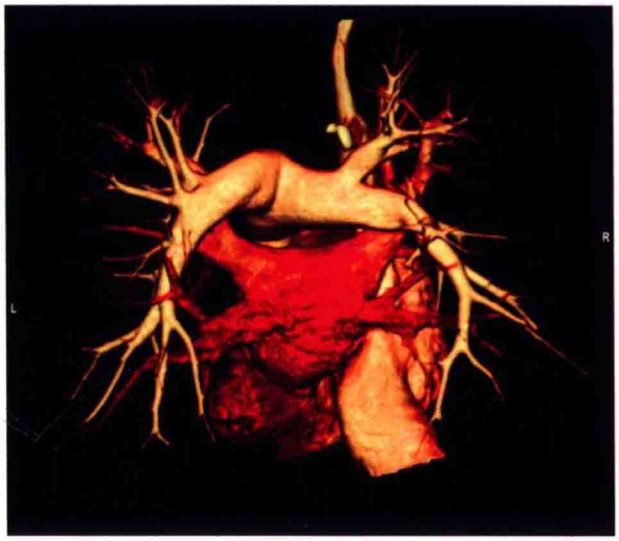


图7-22

1. 上腔静脉 SVC
2. 左肺动脉 Left pulmonary artery
3. 上肺动脉 Sup. pulmonary artery
4. 主肺动脉 Main pulmonary artery
5. 上肺静脉 Sup. pulmonary vein
6. 下肺动脉 Inf. pulmonary artery
7. 漏斗 Infundibulum
8. 下肺静脉 Inf. pulmonary vein
9. 左心室 Left ventricle
10. 右心室 Right ventricle
11. 上肺动脉 Sup. pulmonary artery
12. 上肺静脉 Sup. pulmonary vein
13. 主动脉 Aorta
14. 右心耳 RAA
15. 下肺动脉 Inf. pulmonary artery
16. 下肺静脉 Inf. pulmonary vein
17. 右心房 Right atrium
18. 下腔静脉 IVC



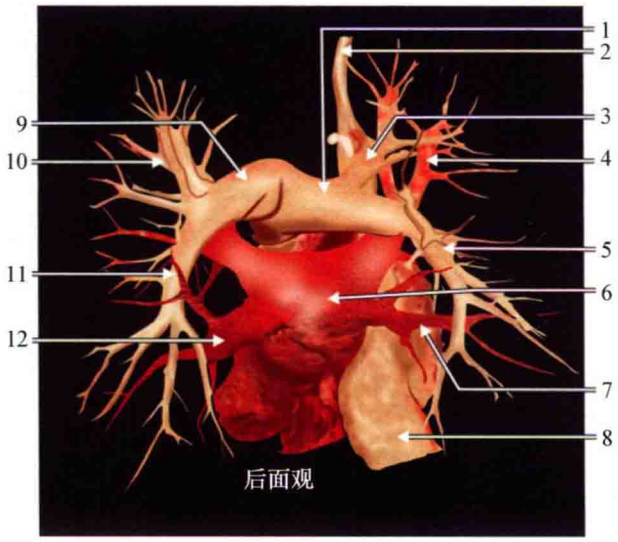
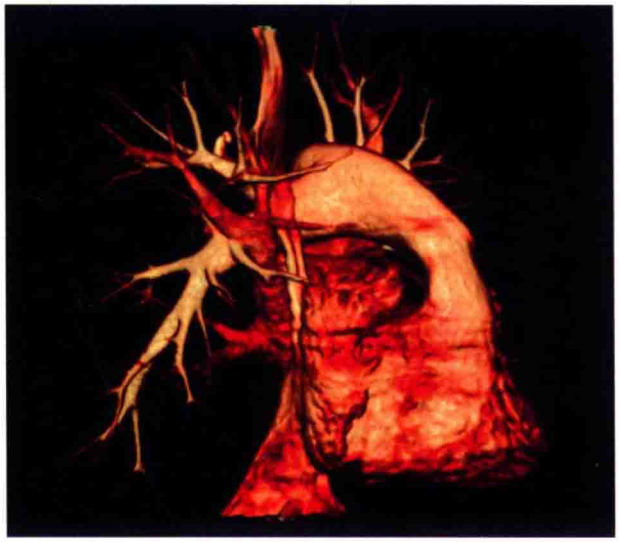


图7-23

1. 右主肺动脉 Right main pulmonary artery
2. 上腔静脉 SVC
3. 右上肺动脉 RT superior pulmonary artery
4. 上肺静脉 Superior pulmonary vein
5. 下肺动脉 Inferior pulmonary artery
6. 左心房 Left atrium
7. 下肺静脉 Inferior pulmonary vein
8. 下腔静脉 IVC
9. 左主肺动脉 Left main pulmonary artery
10. 上肺静脉 Superior pulmonary vein
11. 下肺动脉 Inferior pulmonary artery
12. 下肺静脉 Inferior pulmonary vein



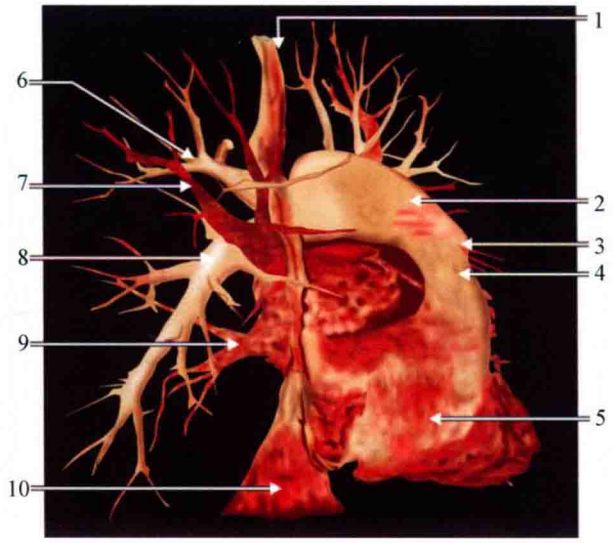


图7-24

1. 上腔静脉 SVC
2. 主肺动脉 Main pulmonary artery
3. 肺动脉瓣 Pulmonic valve
4. 漏斗 Infundibulum
5. 右心室 Right ventricle
6. 右上肺动脉 Right superior pulmonary artery
7. 右上肺静脉 Right superior pulmonary vein
8. 右下肺动脉 Inferior pulmonary artery
9. 右下肺静脉 Inferior pulmonary vein
10. 下腔静脉 IVC

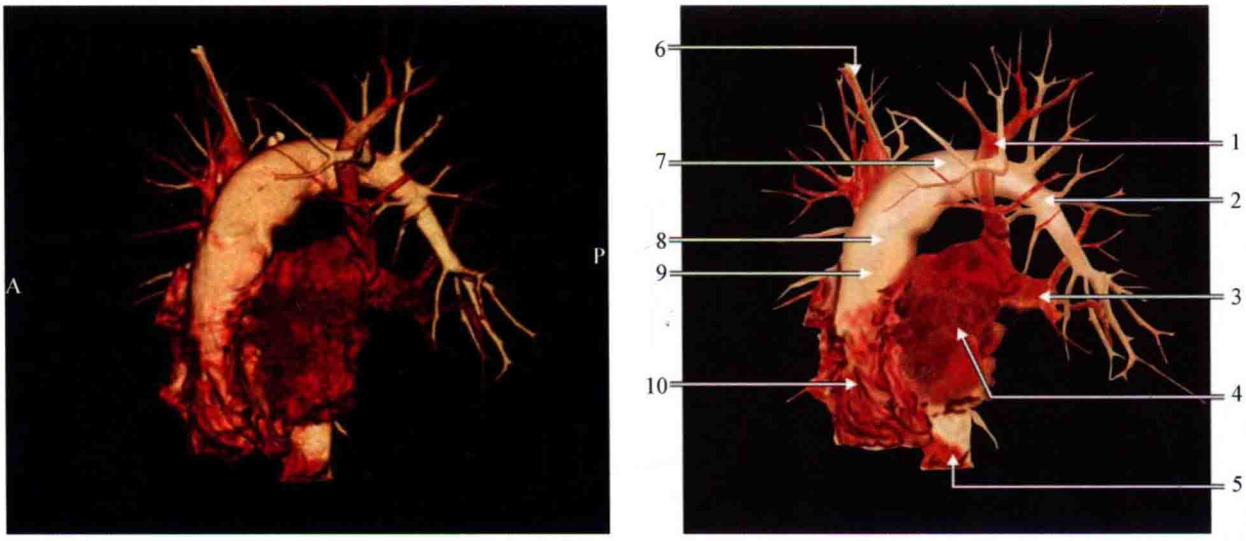


图 7-25

1. 左上肺静脉 Left superior pulmonary vein
2. 左下肺动脉 Left inferior pulmonary artery
3. 左下肺静脉 Left inferior pulmonary vein
4. 左心房 Left atrium
5. 下腔静脉 IVC
6. 上腔静脉 SVC
7. 左肺动脉 Left pulmonary artery
8. 肺动脉瓣 Pulmonic valve
9. 漏斗 Infundibulum
10. 右心室 Right ventricle

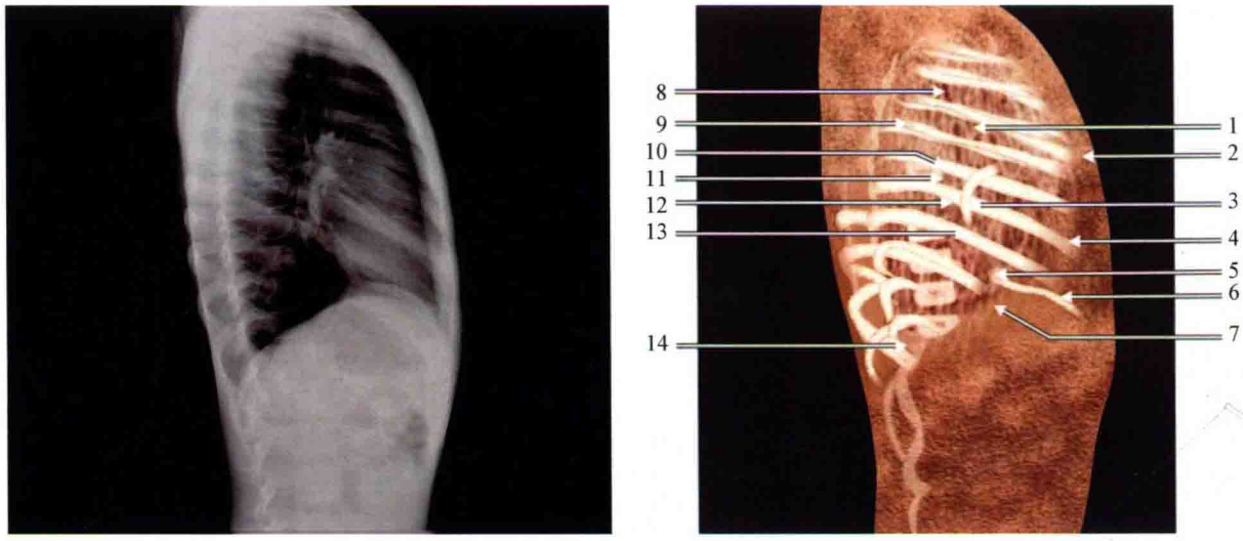
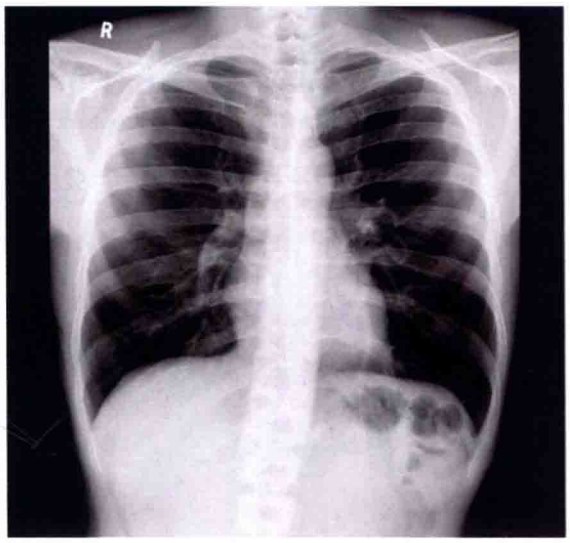


图 7-26

1. 主动脉弓 Arch of aorta
2. 胸骨 Sternum
3. 右肺动脉 Right pulmonary artery
4. 右心室构成的心前边界 Anterior cardiac border formed by RV
5. 下腔静脉 IVC
6. 右膈面 Right diaphragm
7. 隔膜左圆顶 - 因前方心脏影响显影浅淡 Left dome of diaphragm effaced by heart anteriorly
8. 气管 Trachea
9. 肩胛骨 Scapula
10. 左主肺动脉 Left main pulmonary artery
11. 左主支气管 Left main bronchus
12. 右主支气管 Right main bronchus
13. 左心房边缘 Left atrial border
14. 后肋膈角 Posterior costophrenic recess



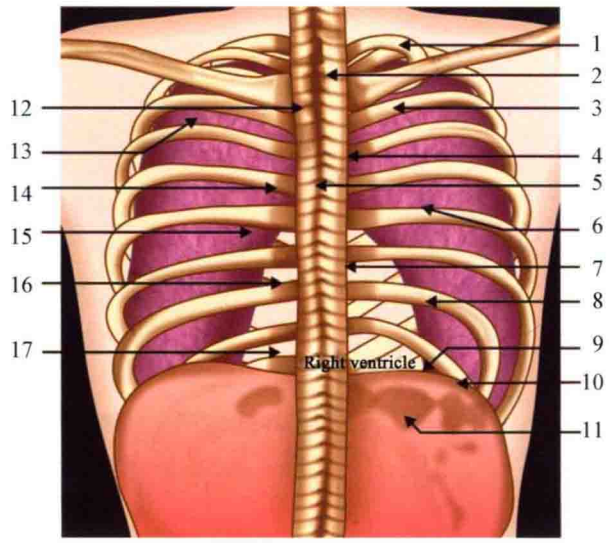


图7-27

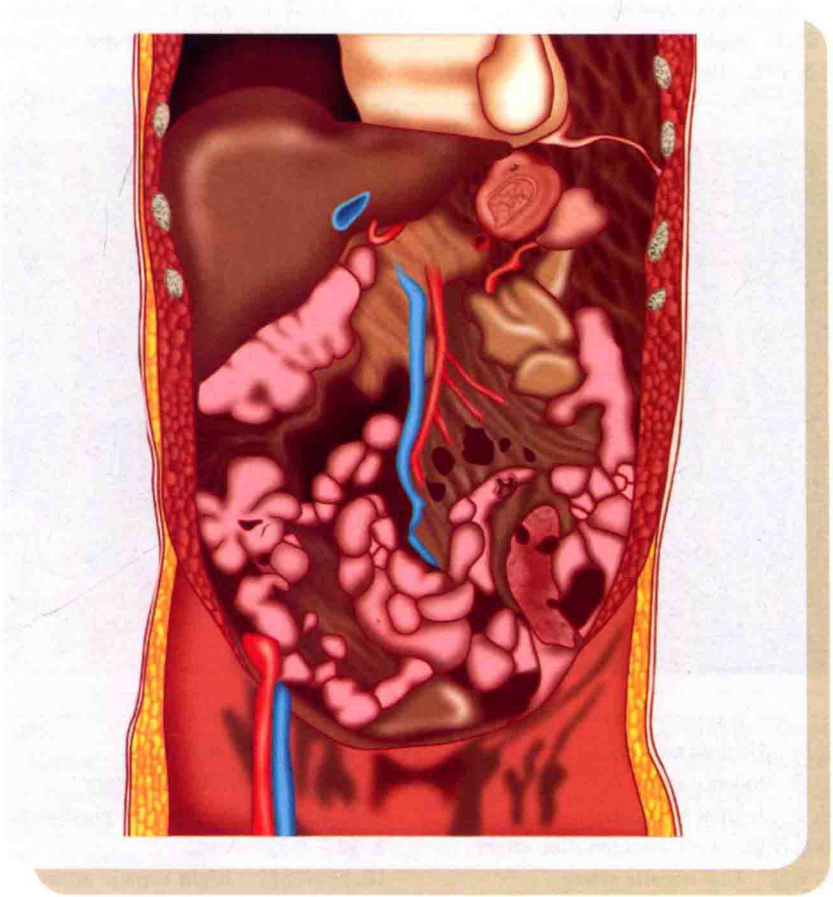
1. 第 1 肋骨　First rib
2. 棘突　Spinous process
3. 后肋　Posterior rib
4. 主动脉结　Aortic knuckle
5. 气管隆嵴　Carina
6. 左肺动脉　Left pulmonary artery
7. 降主动脉　Descending aorta
8. 左心室　Left ventricle
9. 心膈角　Cardiophrenic angle
10. 左膈顶　Left dome of diaphragm
11. 胃底气体　Fundic gas bubble
12. 气管　Trachea
13. 前肋　Anterior rib
14. 上腔静脉　Superior vena cava
15. 右肺动脉　Right pulmonary artery
16. 右心房　Right atrium
17. 下腔静脉　IVC

CHAPTER 8

第8章

Abdomen

腹　部



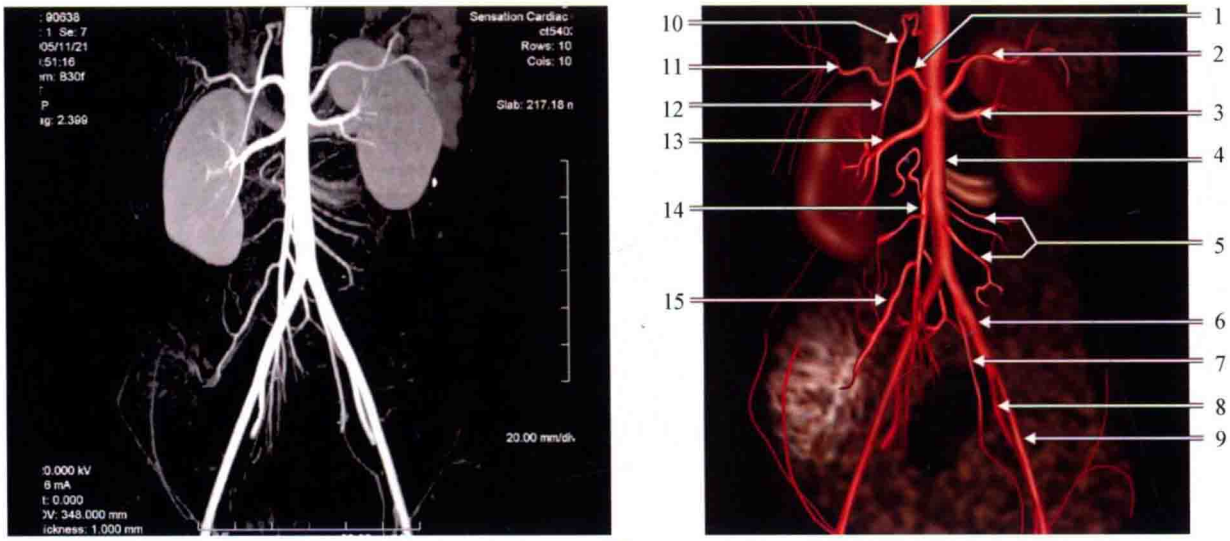


图8-1

1. 肝动脉 Hepatic artery
2. 脾动脉 Splenic artery
3. 左肾动脉 Left renal artery
4. 腹主动脉 Aorta
5. 肠系膜上动脉空肠支 Jejunal branches of SMA
6. 髂总动脉 Common iliac artery
7. 肠系膜下动脉 Inferior mesenteric artery
8. 髂内动脉 Internal iliac artery
9. 髂外动脉 External iliac artery
10. 肝左动脉 Left hepatic artery
11. 肝右动脉 Right hepatic artery
12. 胃十二指肠动脉 Gastroduodenal artery
13. 右肾动脉 Right renal artery
14. 肠系膜上动脉 Superior mesenteric artery
15. 回结肠动脉 Ileocolic artery

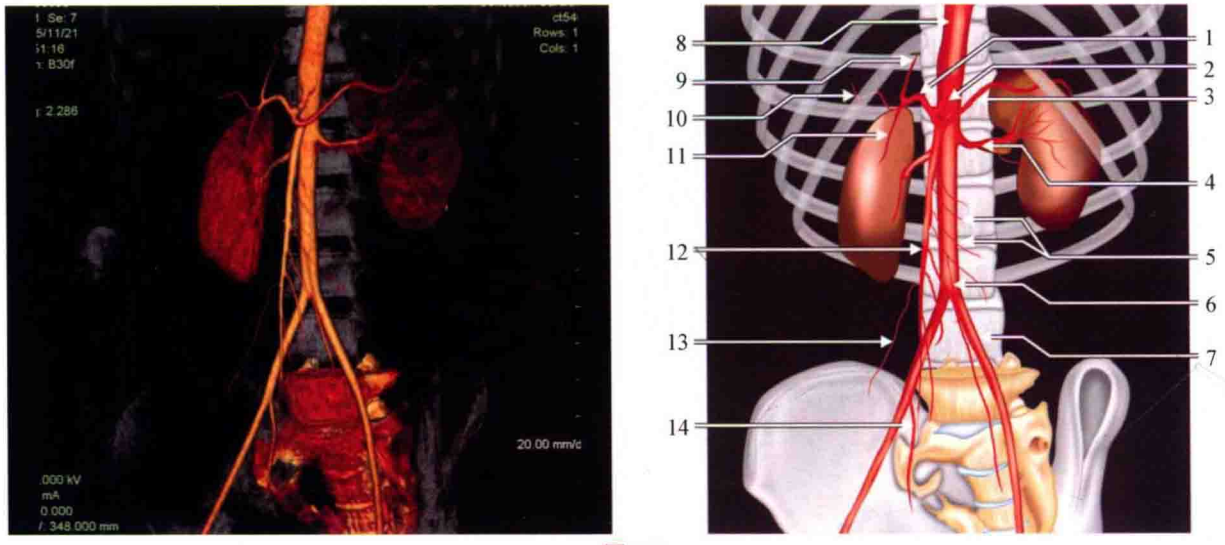
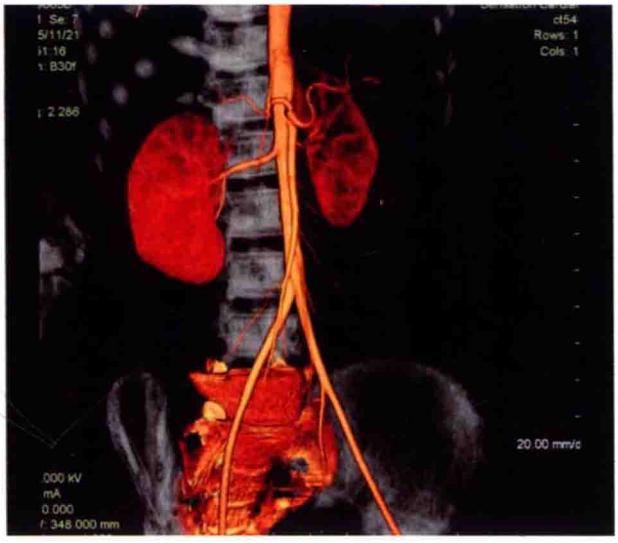


图8-2

1. 肝动脉 Hepatic artery
2. 腹腔干 Celiac artery
3. 脾动脉 Splenic artery
4. 左肾动脉 Left renal artery
5. 空肠支 Jejunal branches
6. 肠系膜下动脉 Inferior mesenteric artery
7. 左髂总动脉 Left common iliac artery
8. 腹主动脉 Aorta
9. 肝左动脉 Left hepatic artery
10. 肝右动脉 Right hepatic artery
11. 胃十二指肠动脉 Gastroduodenal artery
12. 肠系膜上动脉 Superior mesenteric artery
13. 回结肠动脉 Ileocolic artery
14. 右髂内动脉 Right internal iliac artery



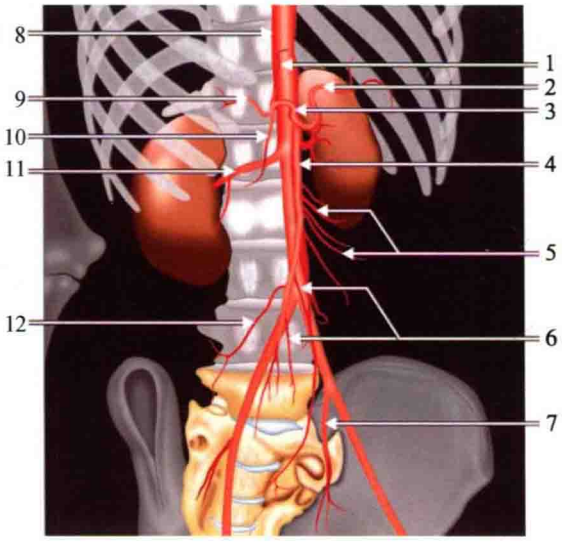
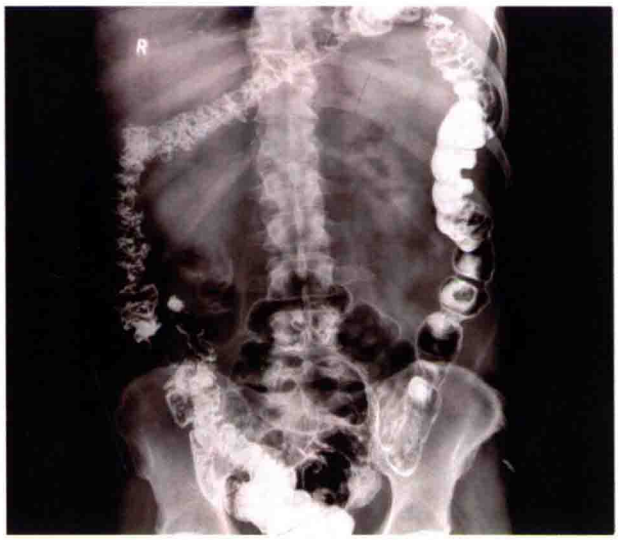


图 8-3

1. 肝左动脉 Left hepatic artery
2. 脾动脉 Splenic artery
3. 腹腔干 Celiac artery
4. 肠系膜上动脉 Superior mesenteric artery
5. 空肠支 Jejunal branches
6. 髂支 Iliac branches
7. 左髂内动脉 Left internal iliac artery
8. 腹主动脉 Aorta
9. 肝右动脉 Right hepatic artery
10. 胃十二指肠动脉 Gastroduodenal artery
11. 右肾动脉 Right renal artery
12. 回结肠动脉 Ileocolic artery



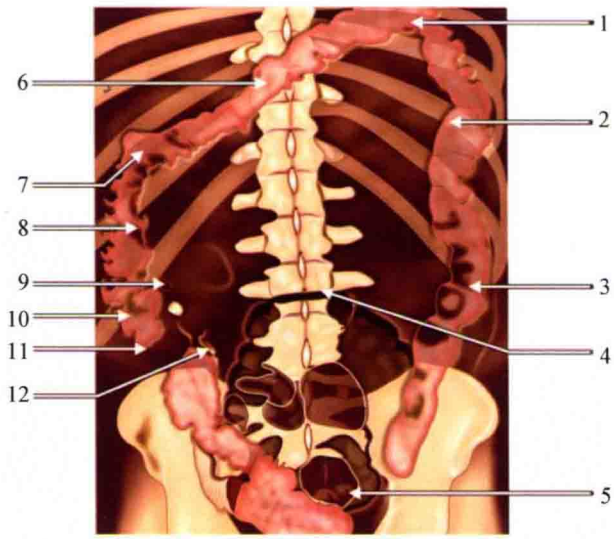


图 8-4

大肠 Intestine
1. 脾曲 Splenic flexure
2. 降结肠 Descending colon
3. 结肠袋 Haustra
4. 乙状结肠 Sigmoid colon
5. 直肠 Rectum
6. 横结肠 Transverse colon
7. 肝曲 Hepatic flexure
8. 升结肠 Ascending colon
9. 回肠与结肠连接处 IC junction
10. 盲肠 Caecum
11. 阑尾 Appendix
12. 回肠末端 Terminal ileum



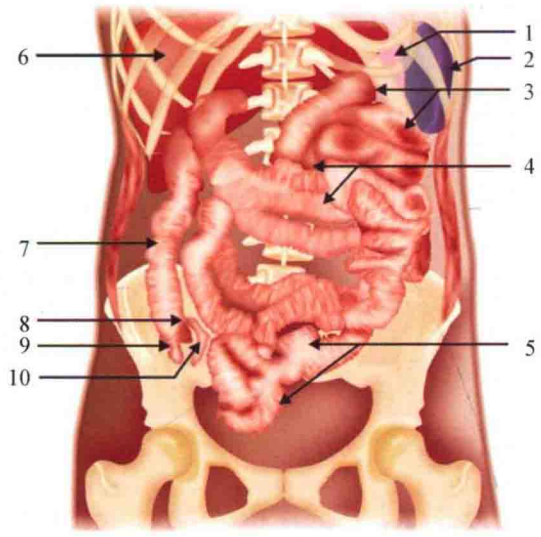
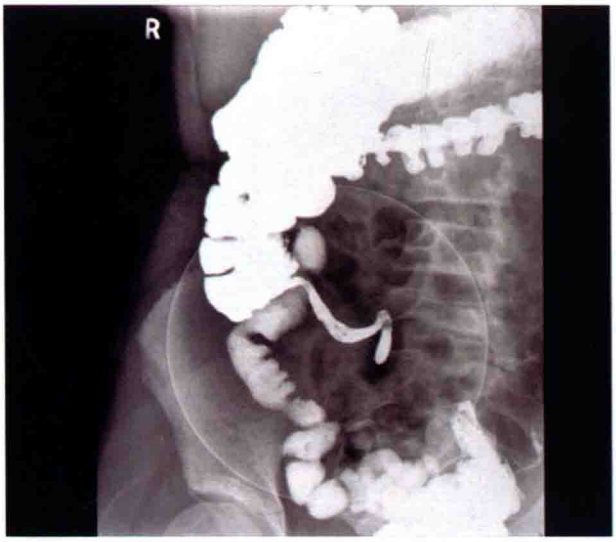


图8-5

小肠 Small Intestine
2. 脾 Spleen
4. 环状襞 Valvulae conniventes
6. 肝 Liver
8. 回肠与结肠连接处 Ileocecal junction
10. 回肠末端 Terminal ileum
1. 胃泡 Fundic bubble
3. 空肠襻 Jejunal loops
5. 回肠襻 Ileal loops
7. 升结肠 Ascending colon
9. 盲肠 Cecum



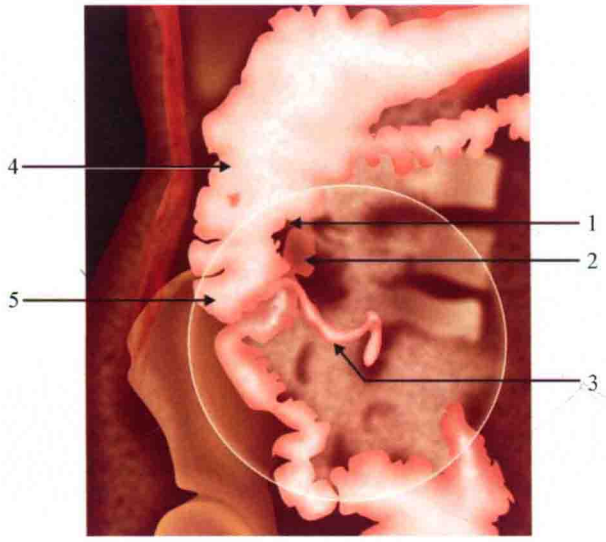


图8-6

1. 回肠与结肠连接处 Ileocecal junction
3. 阑尾 Appendix
5. 盲肠 Cecum
2. 回肠末端 Terminal ileum
4. 升结肠 Ascending colon



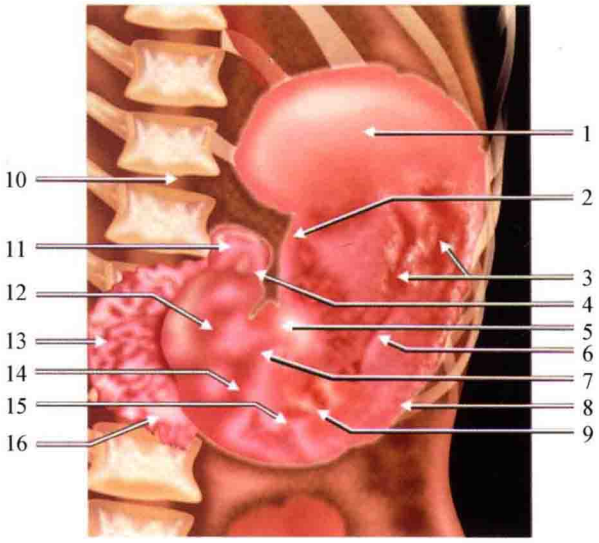
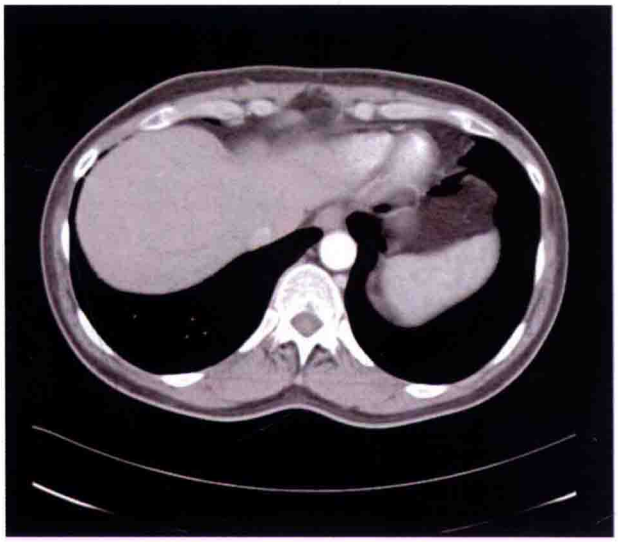


图8-7

1. 胃底　Fundus
2. 小弯　Lesser curvature
3. 胃皱襞　Gastric rugae
4. 幽门管　Pyloric canal
5. 胃角切迹　Incisura angularis, stomach
6. 胃体　Stomach, body
7. 十二指肠空肠连接处　Duodenojejunal junction
8. 大弯　Greater curvature
9. 空肠　Jejunum
10. 椎间盘间隙　Disk space
11. 十二指肠上部（D1）　Duodenal cap (D1)
12. 幽门窦　Pyloric antrum
13. 十二指肠，D2　Duodenum, D2
14. D4　D4
15. 胃窦　Antrum
16. 十二指肠，D3　Duodenum, D3



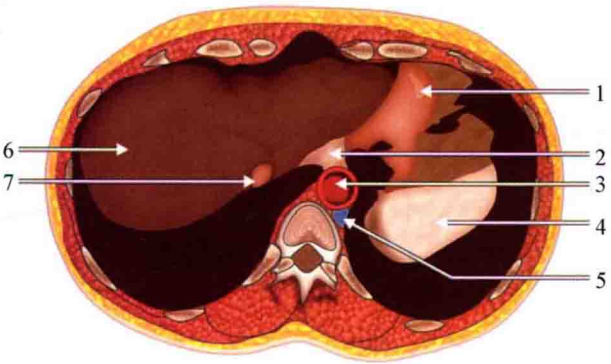
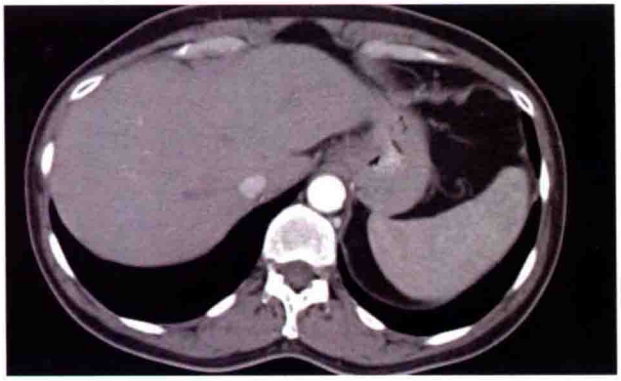


图8-8

1. 心脏　Heart
2. 食管　Esophagus
3. 主动脉　Aorta
4. 脾　Spleen
5. 奇静脉　Azygos vein
6. 肝　Liver
7. 下腔静脉　IVC



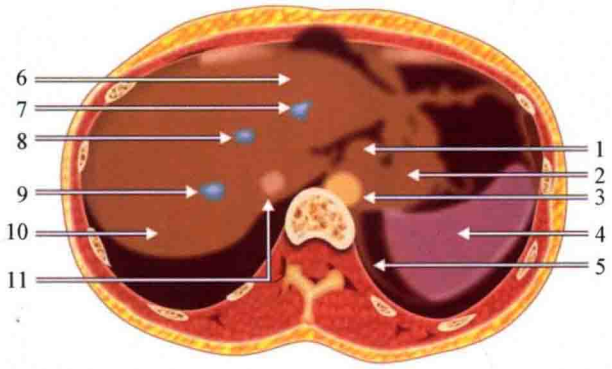
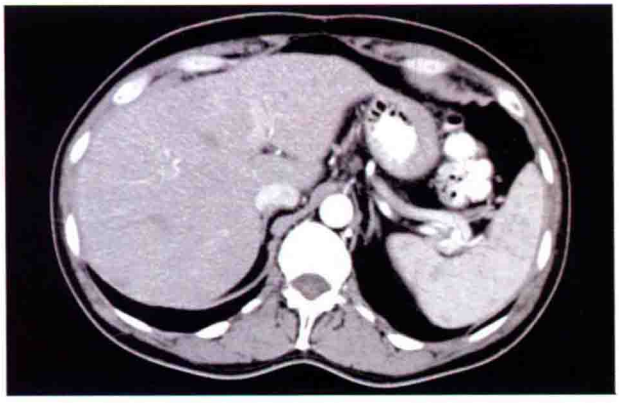


图8-9

1. 食管胃连接处　GE junction
2. 胃　Stomach
3. 降主动脉　Descending aorta
4. 脾　Spleen
5. 膈　Diaphragm
6. 肝左叶　Left hepatic lobe
7. 肝左静脉　Left hepatic vein
8. 肝中静脉　Middle hepatic vein
9. 肝右静脉　Right hepatic vein
10. 肝　Liver
11. 下腔静脉　IVC



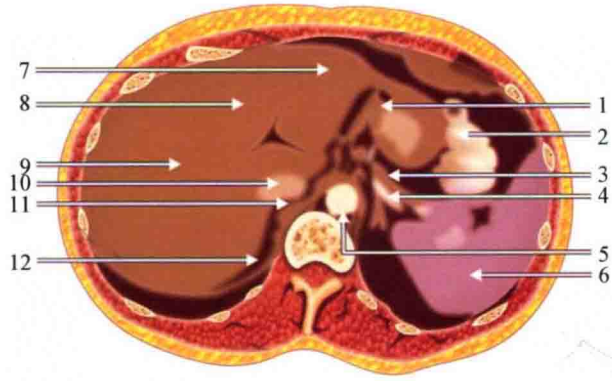
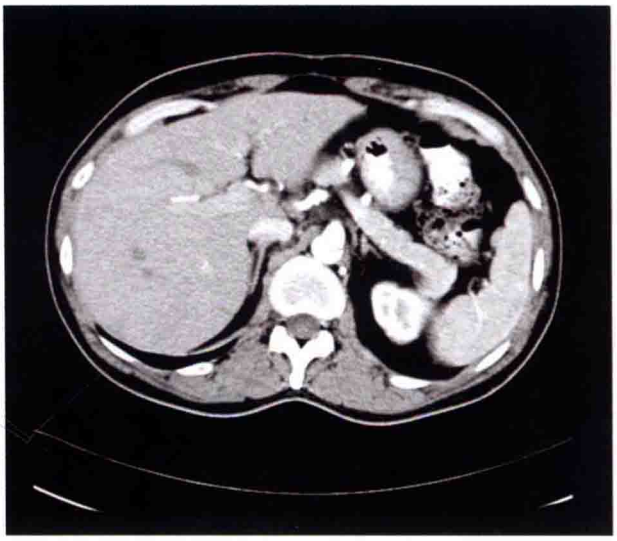


图8-10

1. 胃　Stomach
2. 结肠脾曲　Splenic flexure of colon
3. 脾静脉　Splenic vein
4. 脾动脉　Splenic artery
5. 主动脉　Aorta
6. 脾　Spleen
7. 肝左叶　Left lobe of liver
8. 肝门静脉左支　Left portal vein
9. 肝右叶　Right lobe of liver
10. 下腔静脉　IVC
11. 膈肌脚　Crura of diaphragm
12. 膈　Diaphragm



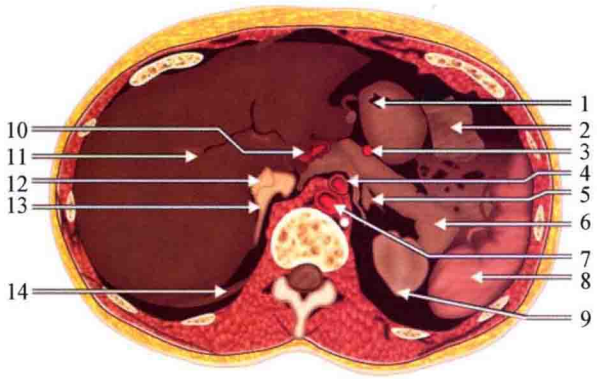
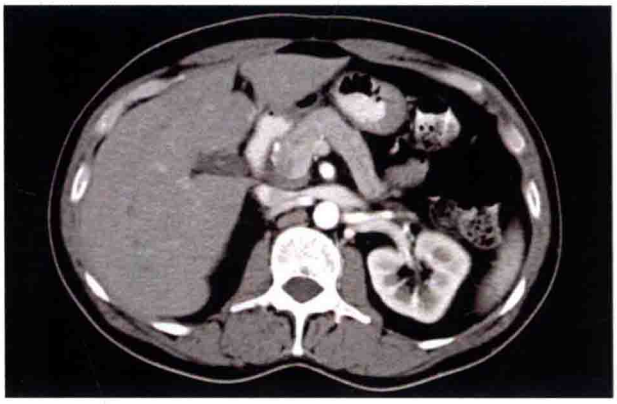


图 8-11

1. 胃 Stomach
2. 脾曲 Splenic flexure
3. 脾动脉 Splenic artery
4. 腹腔干 Celiac trunk
5. 左侧肾上腺 Left adrenal gland
6. 胰尾 Tail of pancreas
7. 主动脉 Aorta
8. 脾 Spleen
9. 左肾 Left kidney
10. 肝动脉 Hepatic artery
11. 门静脉右支 Right portal vein
12. 下腔静脉 IVC
13. 右侧肾上腺 Right adrenal gland
14. 膈 Diaphragm



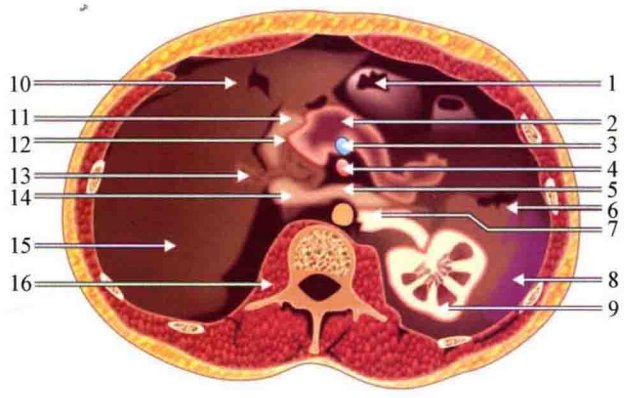
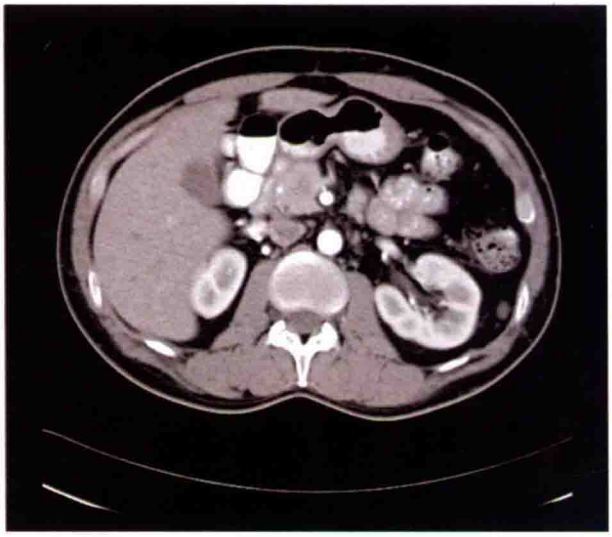


图 8-12

1. 胃 Stomach
2. 胰体 Body of pancreas
3. 肠系膜上静脉 Superior mesenteric vein
4. 肠系膜上动脉 Superior mesenteric artery
5. 左肾静脉 Left renal vein
6. 降结肠 Descending colon
7. 左肾动脉 Left renal artery
8. 脾 Spleen
9. 左肾 Left kidney
10. 静脉韧带裂 Fissure for ligamentum venosum
11. 十二指肠 Duodenum
12. 胃十二指肠动脉 Gastroduodenal artery
13. 胆囊颈 Gallbladder neck
14. 下腔静脉 IVC
15. 肝右叶 Right lobe of liver
16. 腰大肌 Psoas



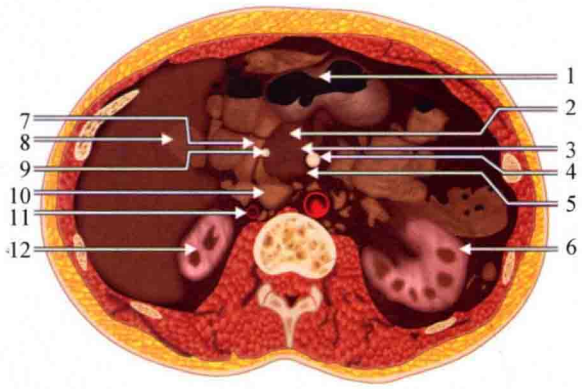
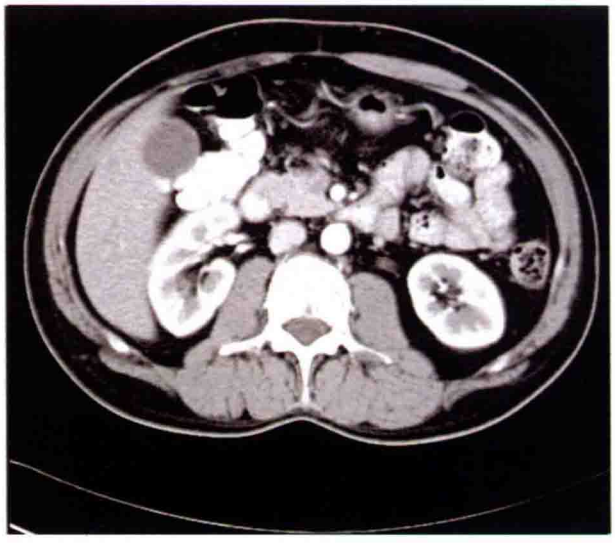


图 8-13

1. 胃 Stomach
2. 胰头 Head of pancreas
3. 肠系膜上静脉 SMV
4. 肠系膜上动脉 SMA
5. 胰腺，钩突 Uncinate process, pancreas
6. 左肾 Left kidney
7. 十二指肠 Duodenum
8. 胆囊 Gallbladder
9. 胃十二指肠动脉 Gastroduodenal artery
10. 下腔静脉 IVC
11. 右肾动脉 Right renal artery
12. 右肾 Right kidney



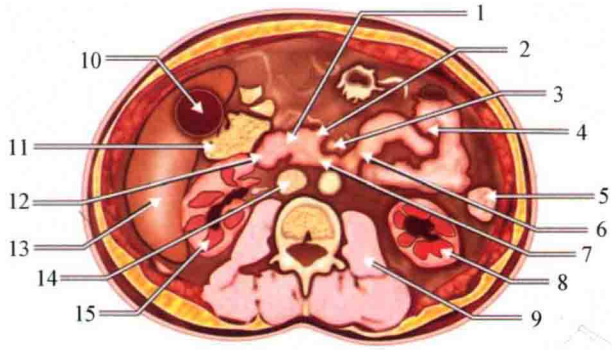
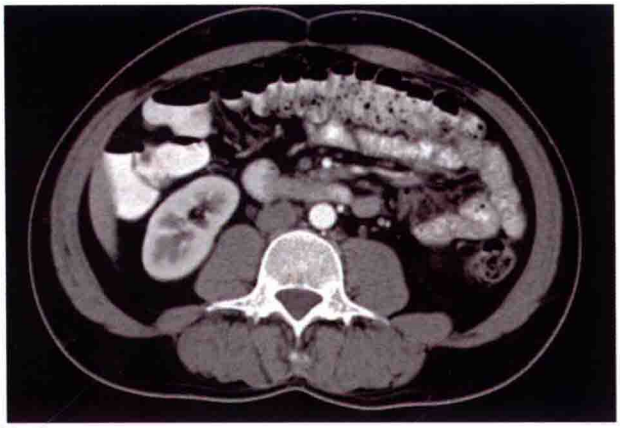


图 8-14

1. 胰头 Head of pancreas
2. 肠系膜上静脉 SMV
3. 肠系膜上动脉 SMA
4. 空肠襻 Jejunal loops
5. 降结肠 Descending colon
6. 十二指肠空肠曲 Duodenojejunal flexure
7. 钩突 Uncinate process
8. 左肾 Left kidney
9. 腰大肌 Psoas
10. 胆囊 Gallbladder
11. 肝曲 Hepatic flexure
12. 十二指肠 Duodenum
13. 肝 Liver
14. 下腔静脉 IVC
15. 右肾 Right kidney



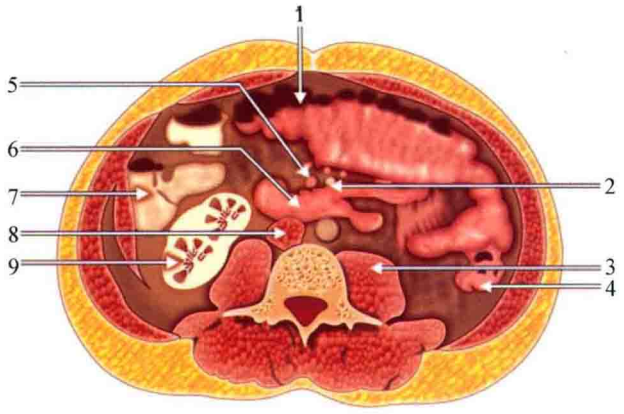
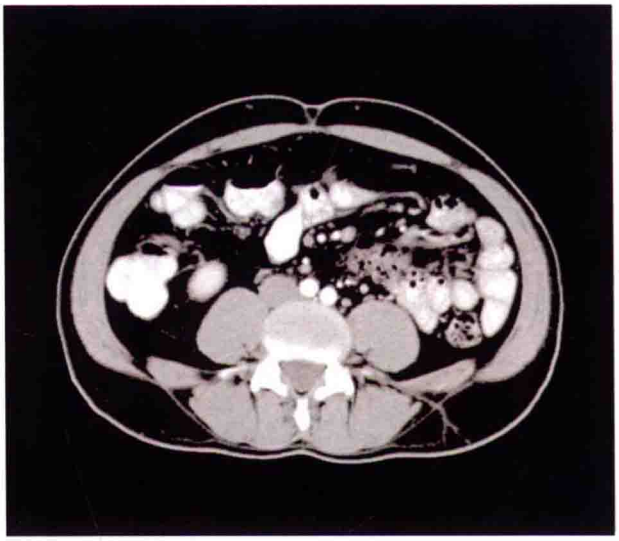


图 8-15

1. 横结肠 Transverse colon
2. 肠系膜上动脉 SMA
3. 腰大肌 Psoas
4. 降结肠 Descending colon
5. 肠系膜上静脉 SMV
6. 十二指肠水平部 Duodenum, third part
7. 升结肠 Ascending colon
8. 下腔静脉 IVC
9. 右肾 Right kidney



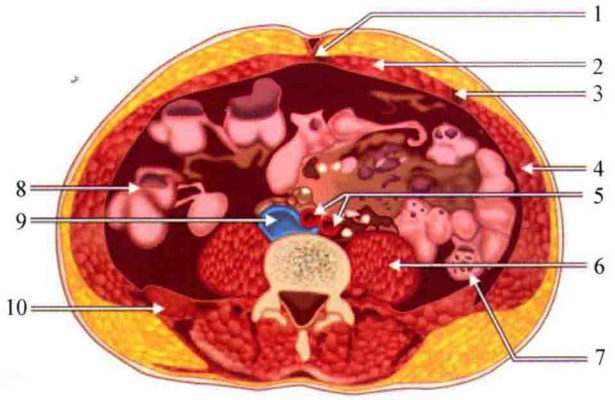
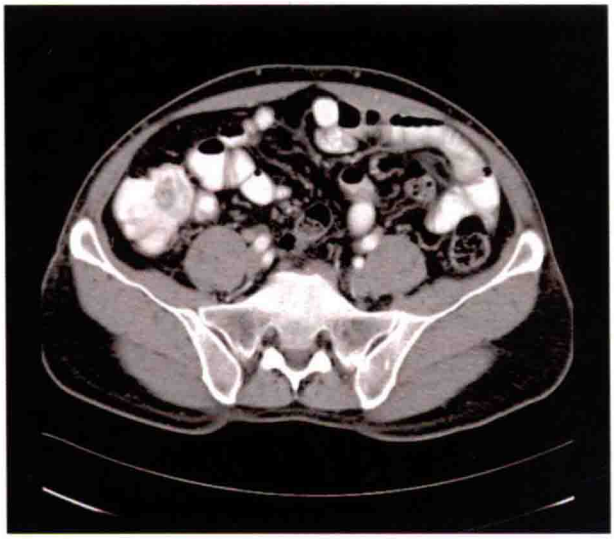


图 8-16

1. 腹白线 Linea alba
2. 腹直肌 Rectus abdominis
3. 半月线 Linea semilunaris
4. 腹外斜肌 Oblique muscle
5. 左、右侧髂总动脉 RT & LT common iliac arteries
6. 腰大肌 Psoas
7. 降结肠 Descending colon
8. 升结肠 Ascending colon
9. 下腔静脉 IVC
10. 腰方肌 Quadratus lumborum



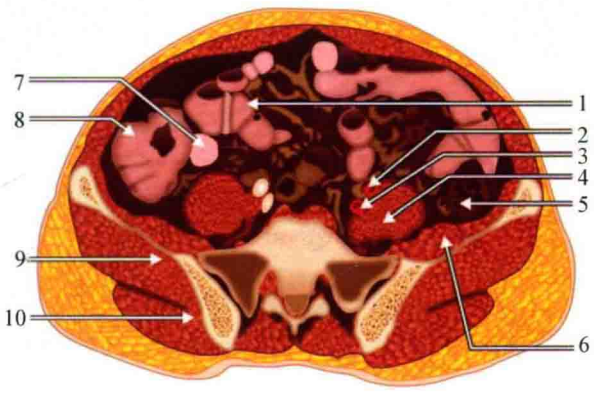


图8-17

1. 回肠襻 Iliac loops
2. 左髂外动脉 Left external iliac artery
3. 左髂内动脉 Left internal iliac artery
4. 腰大肌 Psoas
5. 降结肠 Descending colon
6. 髂肌 Iliacus
7. 回肠末端 Terminal ileum
8. 盲肠 caecum
9. 臀中肌 Gluteus medius
10. 臀大肌 Gluteus maximus



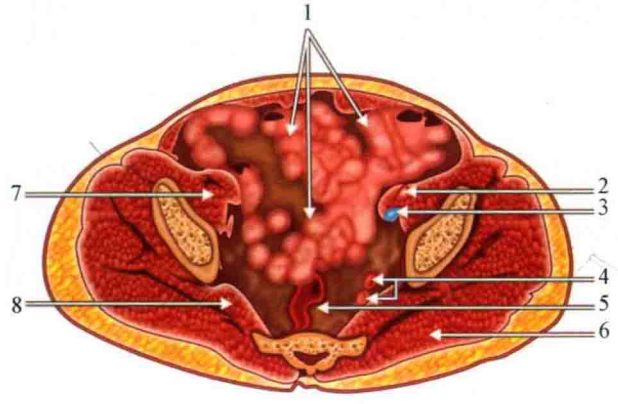
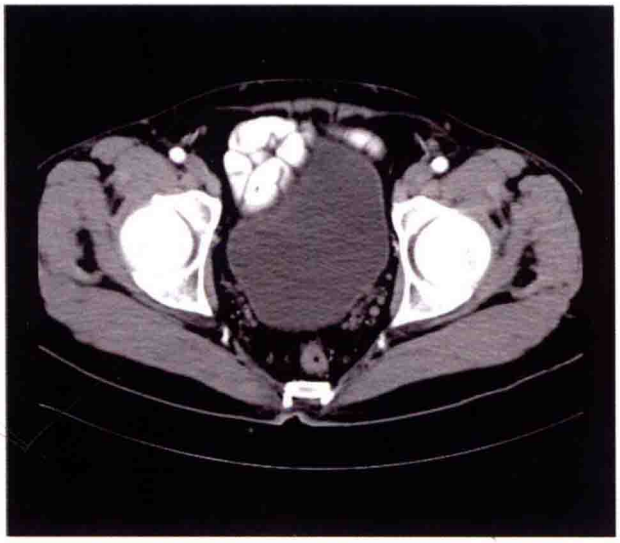


图8-18

1. 回肠襻 Ileal loops
2. 髂外动脉 External iliac artery
3. 髂外静脉 External iliac vein
4. 髂内动脉分支 Internal iliac branches
5. 直肠 Rectum
6. 臀大肌 Gluteus maximus
7. 髂腰肌 Iliopsoas
8. 梨状肌 Piriformis muscle



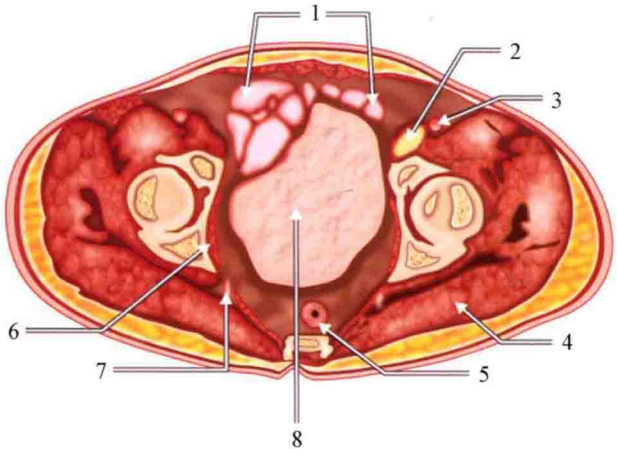
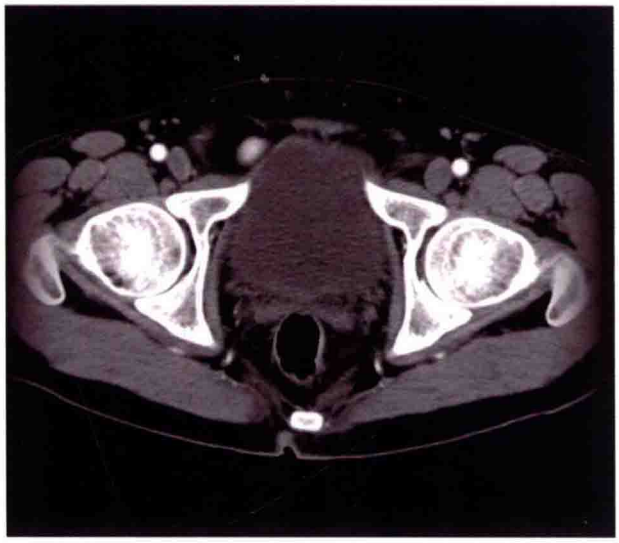


图 8-19

1. 回肠襻 Iliac loops
2. 股静脉 Femoral vein
3. 股动脉 Femoral artery
4. 臀大肌 Gluteus maximus
5. 直肠 Rectum
6. 闭孔内肌 Obturator internus
7. 臀下动脉 Inferior gluteal artery
8. 膀胱 Urinary bladder



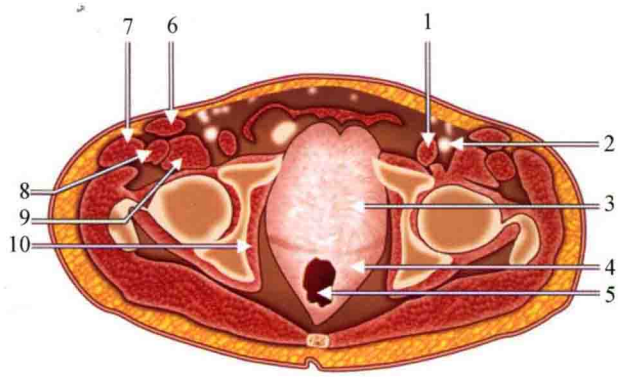
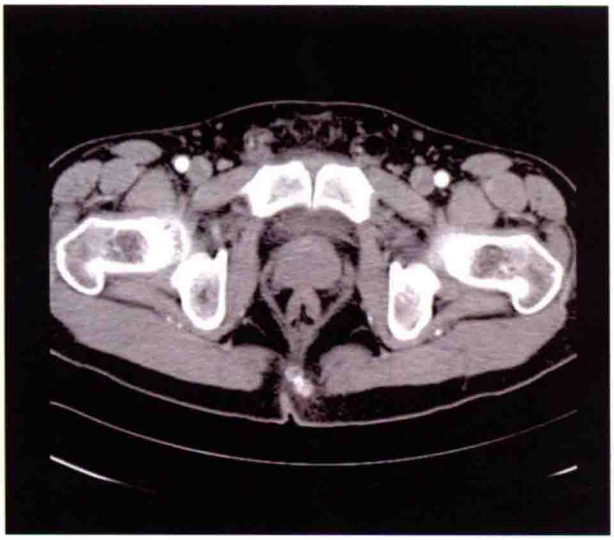


图 8-20

1. 股静脉 Femoral vein
2. 股动脉 Femoral artery
3. 膀胱 Urinary bladder
4. 精囊腺 Seminal vesicle
5. 直肠 Rectum
6. 缝匠肌 Sartorius
7. 阔筋膜张肌 Tensor fascia lata muscle
8. 股直肌 Rectus femoris
9. 髂腰肌 Iliopsoas
10. 闭孔内肌 Obturator internus



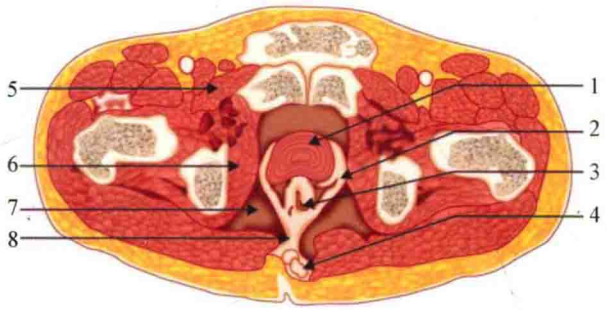


图 8-21

1. 前列腺 Prostate gland
2. 肛提肌 Levator ani muscle
3. 肛管 Anal canal
4. 尾骨 Coccyx
5. 耻骨肌 Pectineus muscle
6. 闭孔内肌 Obturator internus
7. 坐骨直肠窝 Ischiorectal fossa
8. 尾骨肌 Coccygeus



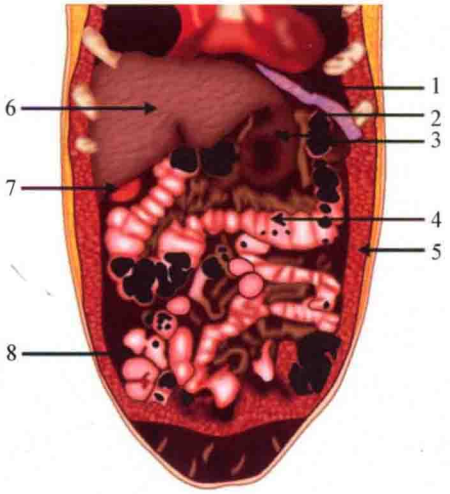


图 8-22

1. 膈 Diaphragm
2. 脾曲 Splenic flexure
3. 胃 Stomach
4. 横结肠 Transverse colon
5. 腹壁 Abdominal wall
6. 肝 Liver
7. 胆囊 Gallbladder
8. 回肠襻 Ileal loops



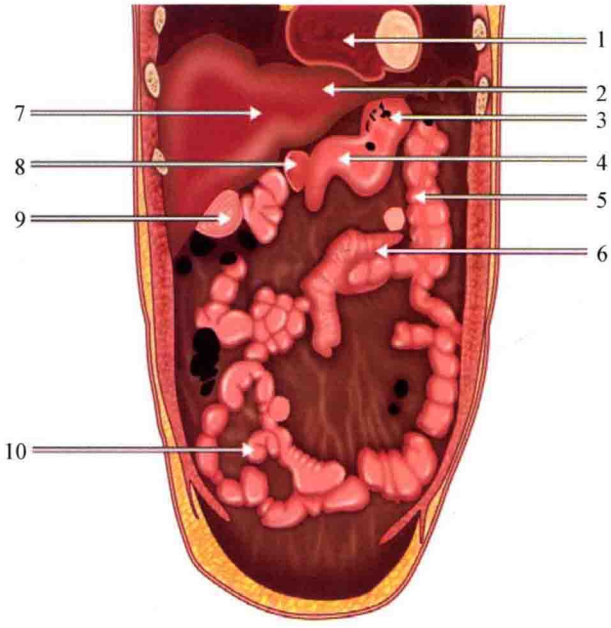
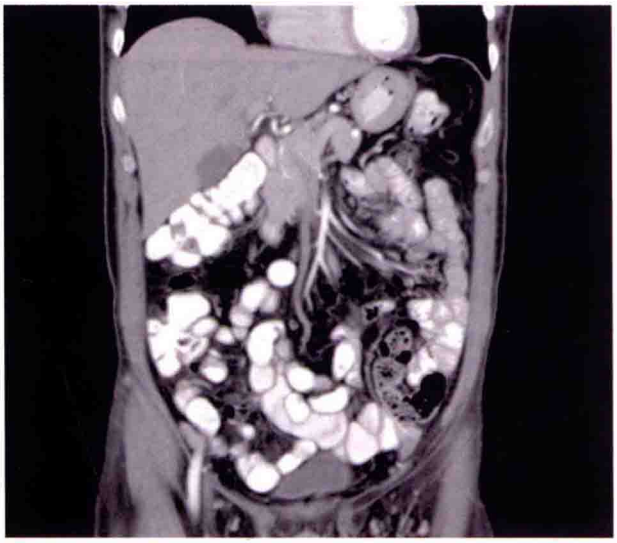


图 8-23

1. 心 Heart
2. 肝左叶 Liver, left lobe
3. 胃 Stomach
4. 胰腺，体部 Pancreas, body
5. 横结肠 Transverse colon
6. 空肠 Jejunal loops
7. 肝右叶 Liver, right lobe
8. 十二指肠 Duodenum
9. 胆囊 Gallbladder
10. 回肠襻 Ileal loops



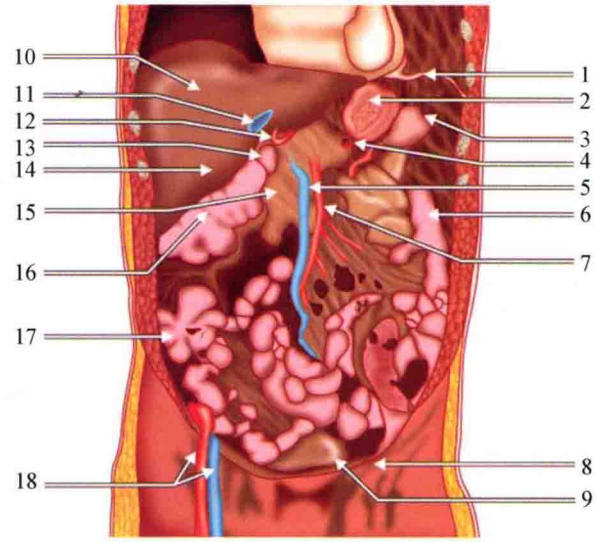
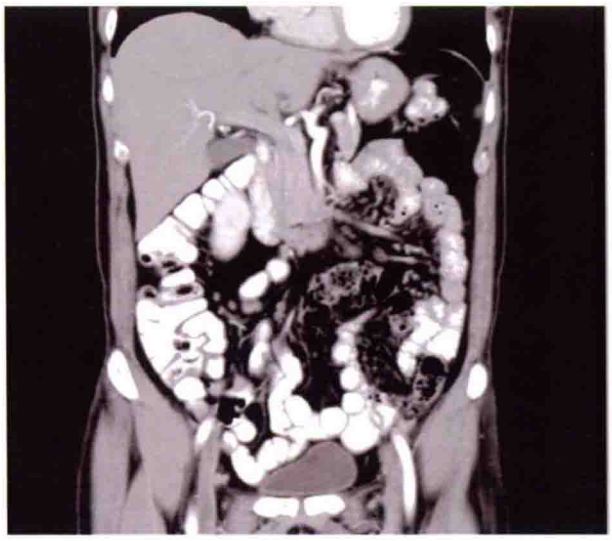


图 8-24

1. 膈 Diaphragm
2. 胃 Stomach
3. 脾曲 Splenic flexure
4. 脾动脉 Splenic artery
5. 肠系膜下静脉 SMV
6. 空肠襻 Jejunal loops
7. 肠系膜上动脉 SMA
8. 腹股沟韧带 Inguinal ligament
9. 膀胱 Urinary bladder
10. 肝 Liver
11. 门静脉 Portal vein
12. 肝动脉 Hepatic artery
13. 十二指肠 Duodenum
14. 胆囊 Gallbladder
15. 胰腺，头部 Pancreas, head
16. 肝曲 Hepatic flexure
17. 盲肠 Caecum
18. 股血管 Femoral vessels



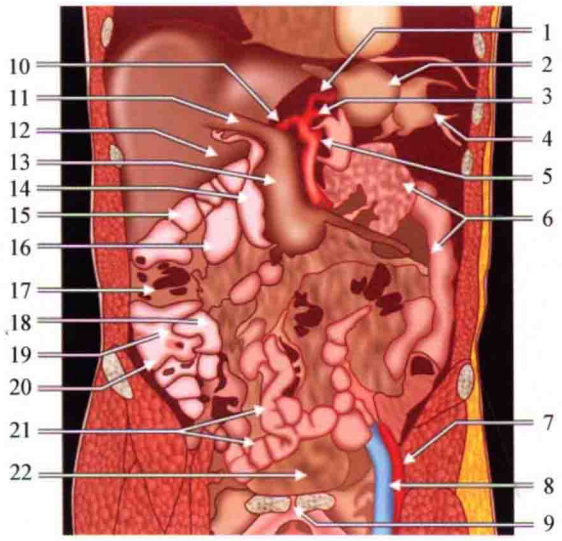
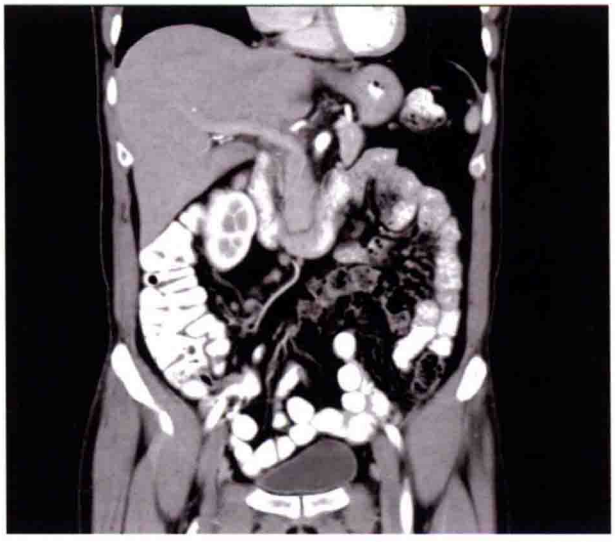


图8-25

1. 胃左动脉 Left gastric artery
2. 胃，底部 Stomach, fundus
3. 脾动脉 Splenic artery
4. 脾曲 Splenic flexure
5. 腹腔干 Coeliac artery
6. 空肠襻 Jejunal loops
7. 股动脉 Femoral artery
8. 股静脉 Femoral vein
9. 耻骨联合 Pubic symphysis
10. 肝动脉 Hepatic artery
11. 门静脉 Portal vein
12. 胆囊 Gallbladder
13. 胰腺 Pancreas
14. 十二指肠 Duodenum
15. 肝曲 Hepatic flexure
16. 右肾 Right kidney
17. 升结肠 Ascending colon
18. 回肠末端 Terminal ileum
19. 回盲瓣 Ileocecal valve
20. 盲肠 Caecum
21. 回肠襻 Ileal loops
22. 膀胱 Urinary bladder



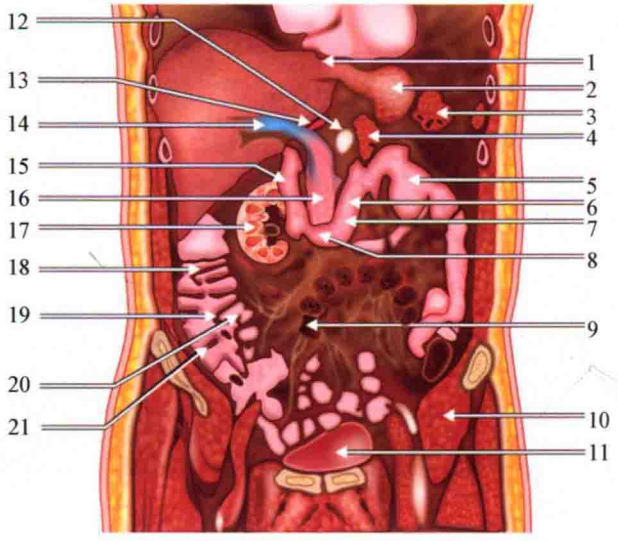


图8-26

1. 食管胃连接处 Gastroesophageal junction
2. 胃 Stomach
3. 脾曲 Splenic flexure
4. 胰腺，体部 Pancreas, body
5. 空肠襻 Jejunal loops
6. 十二指肠空肠曲 Duodeno-jejunal flexure
7. 十二指肠升部 Duodenum, D4
8. 十二指肠水平部 Duodenum, D3
9. 回结肠动脉 Iliocolic artery
10. 髂腰肌 Iliopsoas
11. 膀胱 Urinary bladder
12. 腹腔干 Celiac
13. 肝动脉 Hepatic artery
14. 门静脉 Portal vein
15. 十二指肠降部 Duodenum, D2
16. 胰头 Pancreas, head
17. 右肾 Right kidney
18. 升结肠 Ascending colon
19. 回盲瓣 IC valve
20. 回肠末端 Terminal ileum
21. 盲肠 Caecum

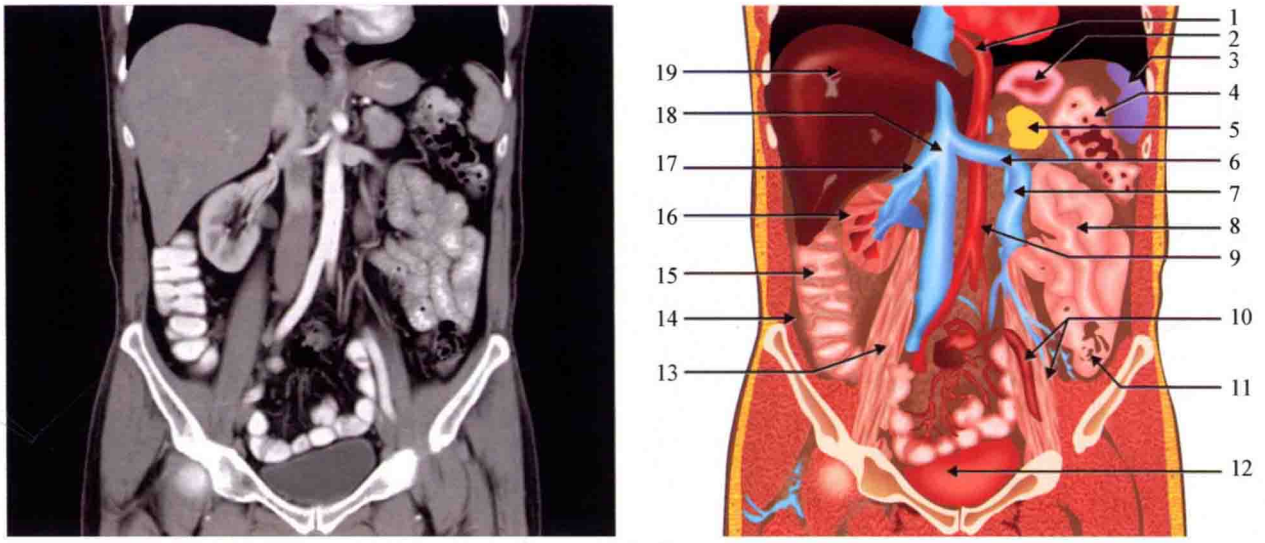


图 8-27

1. 食管 Esophagus
2. 胃 Stomach
3. 脾 Spleen
4. 脾曲 Splenic flexure
5. 胰腺 Pancreas
6. 左肾静脉 Left renal vein
7. 肠系膜下静脉 Inferior mesenteric vein
8. 空肠襻 Jejunal loops
9. 主动脉 Aorta
10. 髂外血管 External iliac vessels
11. 降结肠 Descending colon
12. 膀胱 Urinary bladder
13. 腰大肌 Psoas
14. 结肠旁沟 Paracolic gutter
15. 升结肠 Ascending colon
16. 右肾 Right kidney
17. 右肾静脉 Right renal vein
18. 下腔静脉 IVC
19. 肝 Liver

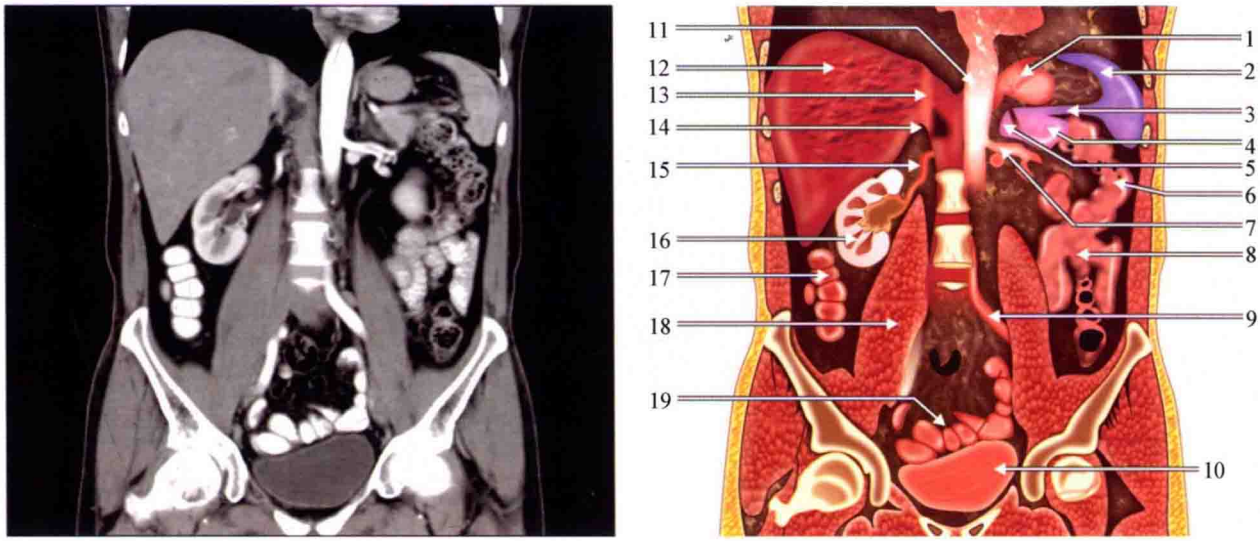


图 8-28

1. 胃 Stomach
2. 脾 Spleen
3. 脾静脉 Splenic vein
4. 胰腺，尾 Pancreas, tail
5. 左肾上腺 Left adrenal gland
6. 降结肠 Descending colon
7. 左肾动脉 Left renal artery
8. 空肠襻 Jejunal loops
9. 左髂总动脉 Left common iliac artery
10. 膀胱 Urinary bladder
11. 主动脉 Aorta
12. 肝 Liver
13. 下腔静脉 IVC
14. 右肾上腺 Right adrenal gland
15. 右肾动脉 Right renal artery
16. 右肾 Right kidney
17. 升结肠 Ascending colon
18. 腰大肌 Psoas
19. 回肠襻 Ileal loops

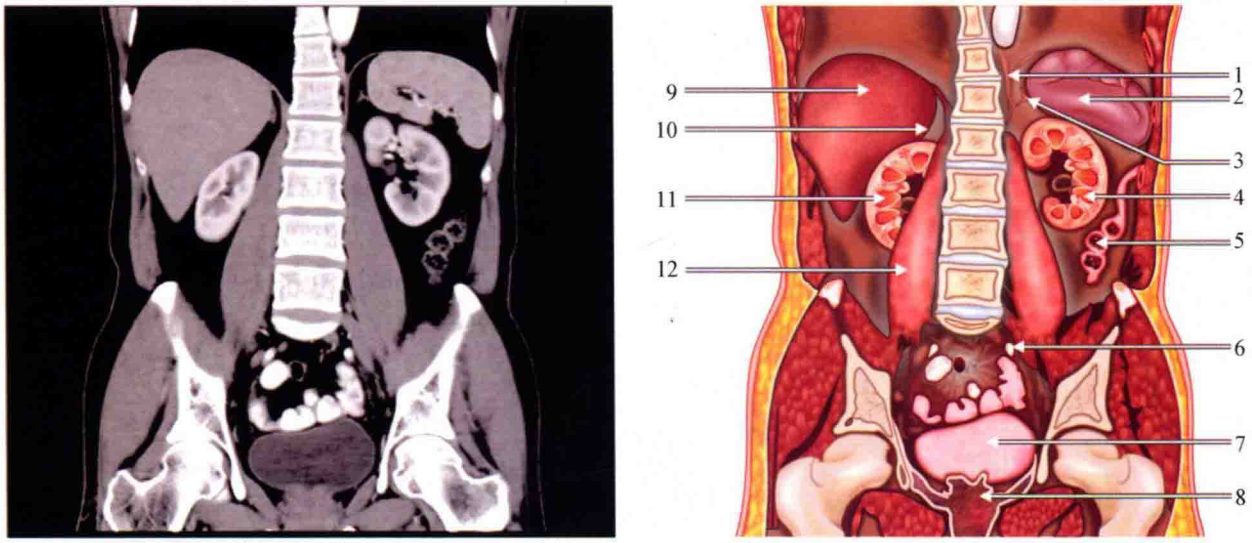


图8-29

1. 膈肌，脚 Crus, diaphragm
2. 脾 Spleen
3. 左肾上腺 Left adrenal gland
4. 左肾 Left kidney
5. 降结肠 Descending colon
6. 髂内动脉 Internal iliac artery
7. 膀胱 Urinary bladder
8. 前列腺 Prostate
9. 肝 Liver
10. 右肾上腺 Right adrenal gland
11. 右肾 Right kidney
12. 腰大肌 Psoas

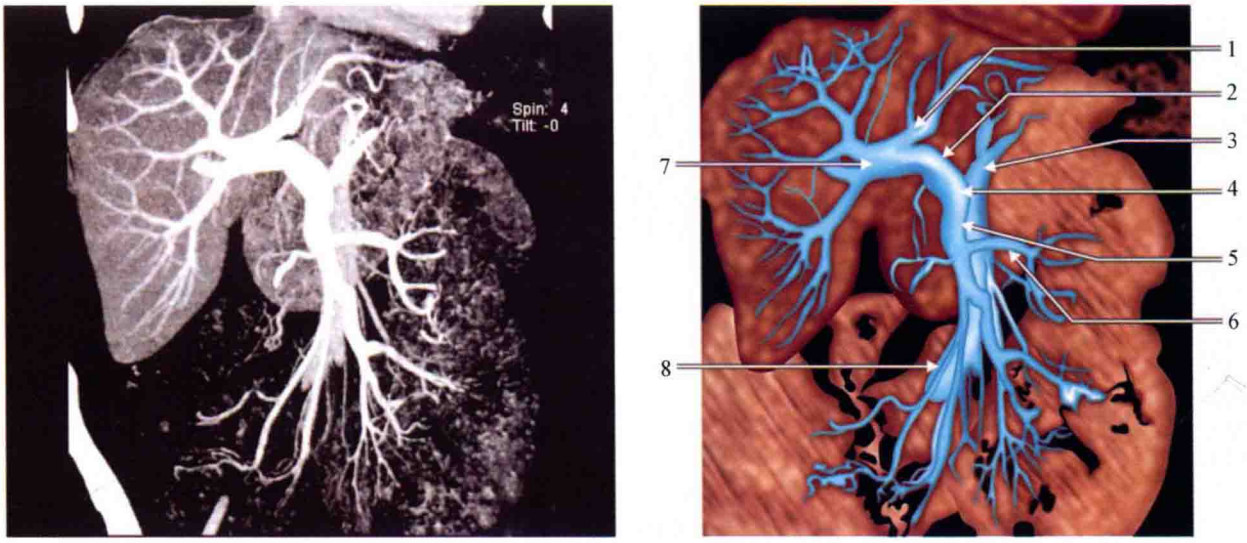
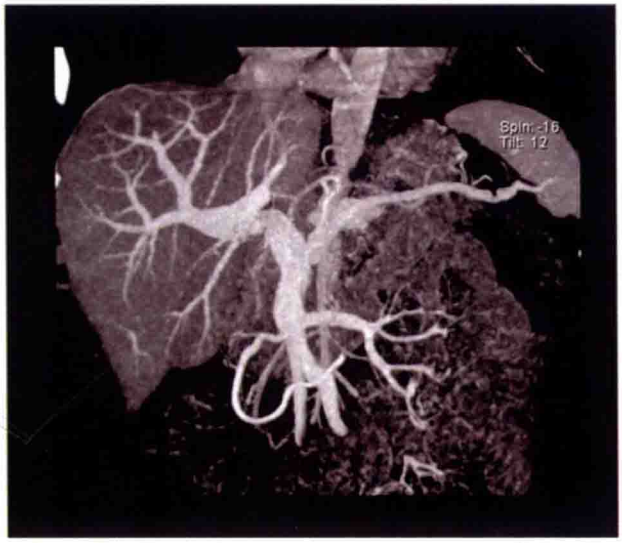


图8-30

1. 门静脉左支 Left portal vein
2. 门静脉 Portal vein
3. 脾静脉 Splenic vein
4. 门静脉汇合部 Portal confluence
5. 肠系膜上静脉 Superior mesenteric vein
6. 空肠静脉 Jejunal vein
7. 门静脉右支 Right portal vein
8. 回结肠静脉 Ileocolic veins



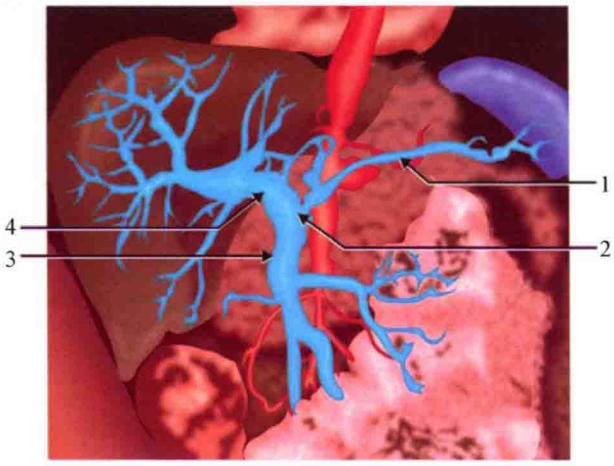


图 8-31

1. 脾静脉 Splenic vein
2. 门静脉汇合部 Portal confluence
3. 门静脉 Portal vein
4. 肠系膜上静脉 Superior mesenteric vein



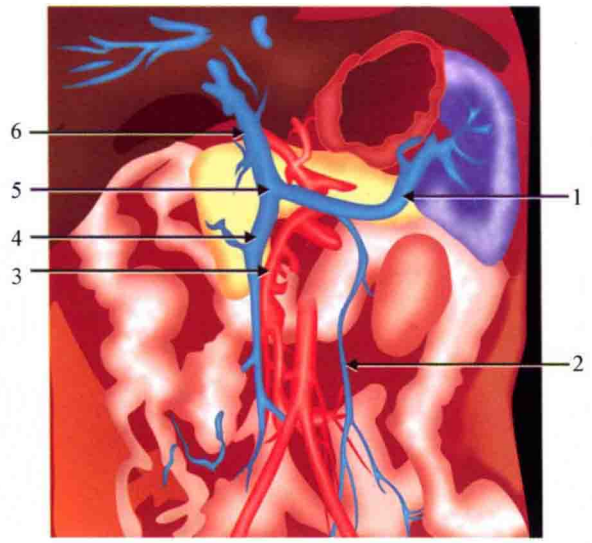
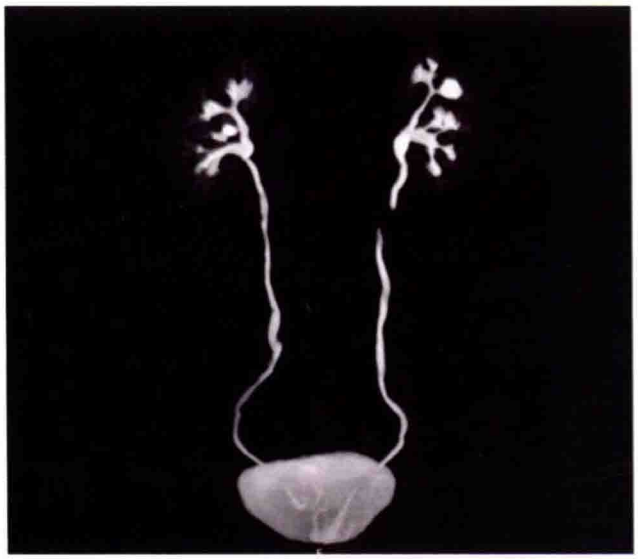


图 8-32

1. 脾静脉 Splenic vein
2. 肠系膜下静脉 Inferior mesenteric vein
3. 门静脉 Portal vein
4. 门静脉汇合部 Portal confluence
5. 肠系膜上静脉 Superior mesenteric vein
6. 肠系膜上动脉 Superior mesenteric artery



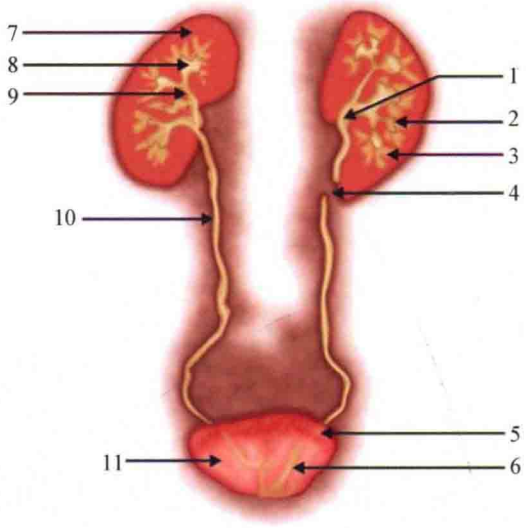
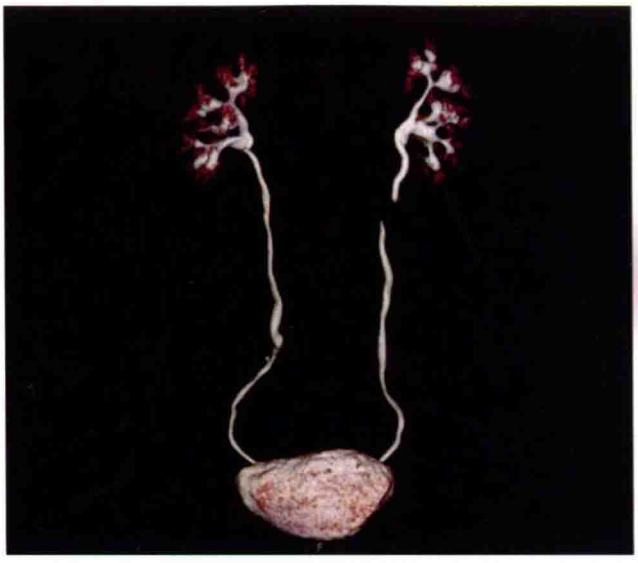


图 8-33

1. 肾盂 Renal pelvis
2. 肾乳头 Papilla
3. 肾锥体 Pyramid
4. 血管压迹 Vascular impression
5. 输尿管膀胱移行处 UV junction
6. 输尿管喷射口 Ureteric jet
7. 肾皮质 Renal cortex
8. 肾小盏 Minor calyx
9. 肾大盏 Major calyx
10. 输尿管 Ureter
11. 膀胱 Urinary bladder



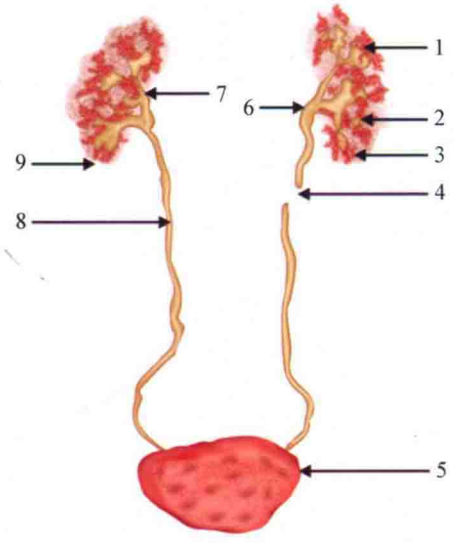
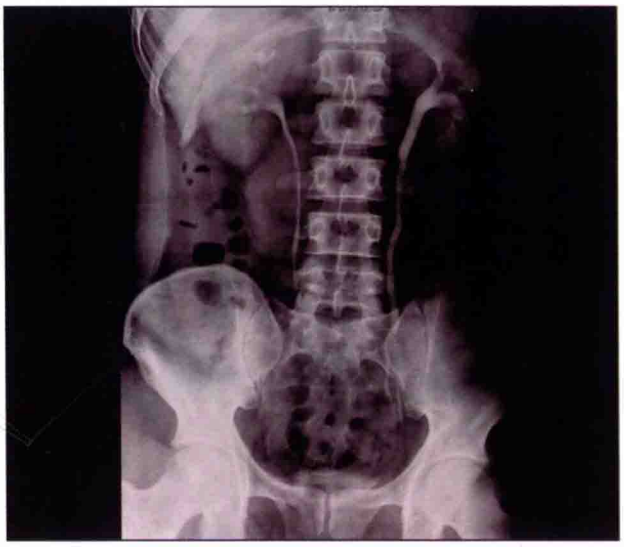


图 8-34

1. 肾乳头 Papilla
2. 肾小盏 Minor calyx
3. 肾髓质锥体 Medullary pyramid
4. 血管压迹 Vascular impression
5. 膀胱 Urinary bladder
6. 肾盂 Pelvis
7. 肾大盏 Major calyx
8. 肾皮质 Renal cortex
9. 输尿管 Ureter



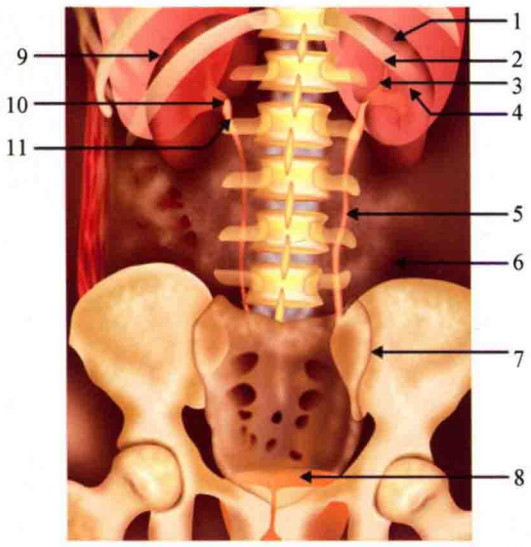
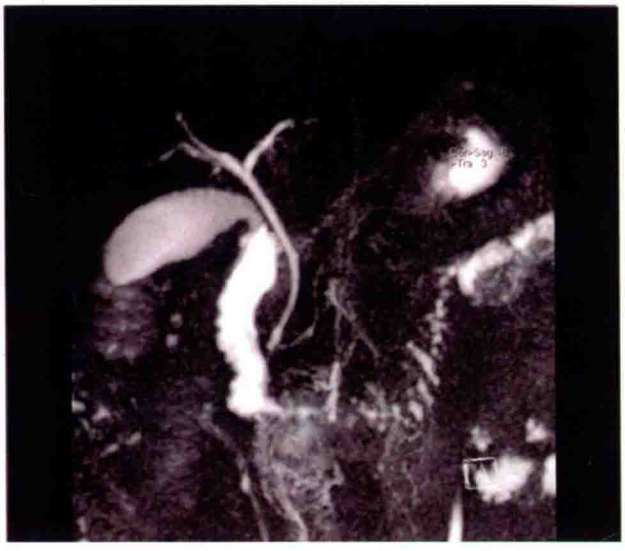


图 8-35

静脉尿路造影（IVU） Intravenous Urogram (IVU)
1. 左肾 Left kidney
2. 肾小盏 Minor calyx
3. 肾大盏 Major calyx
4. 肾乳头 Papilla
5. 输尿管 Ureter
6. 腰大肌影 Psoas shadow
7. 骶髂关节 Sacroiliac joint
8. 膀胱 Bladder
9. 右肾 Right kidney
10. 肾盂 Pelvis
11. 肾盂输尿管移行处 Pelviureteric junction



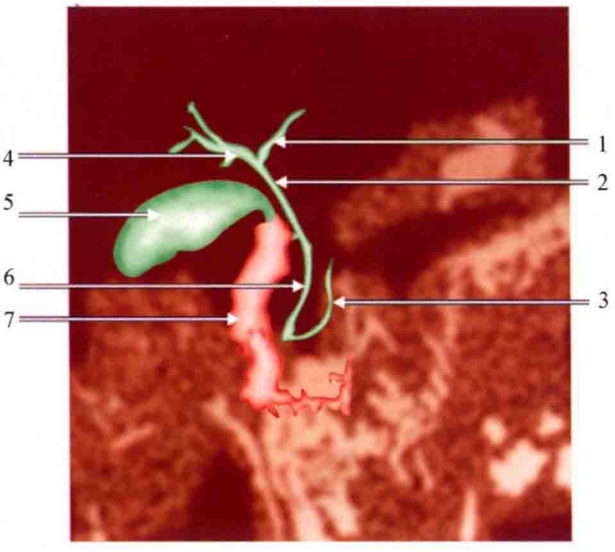
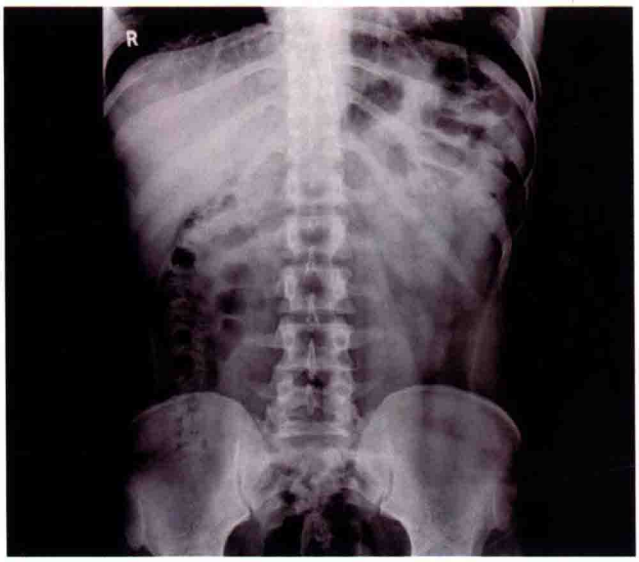


图 8-36

磁共振胰胆管造影 MRCP
1. 肝左管 Left hepatic duct
2. 肝总管 Common hepatic duct
3. 胰管 Pancreatic duct
4. 肝右管 Right hepatic duct
5. 胆囊 Gallbladder
6. 胆总管 Common bile duct
7. 十二指肠 Duodenum



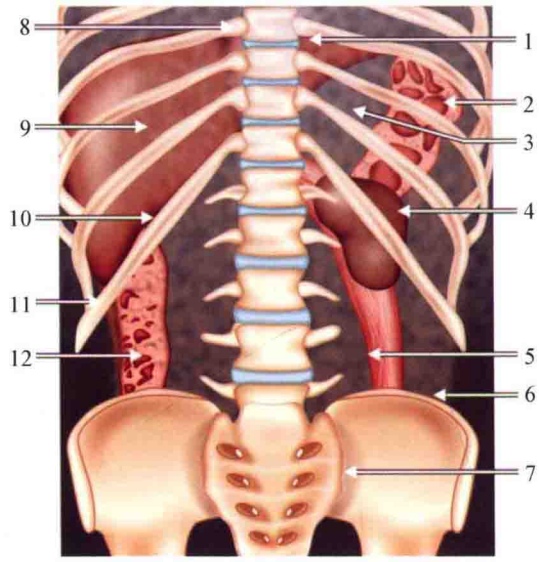


图8-37

1. 降主动脉 Descending aorta
2. 脾曲 Splenic flexure
3. 胃泡 Fundic bubble
4. 左肾 Left kidney
5. 左侧腰大肌 Left psoas muscle
6. 髂嵴 Iliac crest
7. 左骶髂关节 Left sacroiliac joint
8. 下腔静脉 IVC
9. 肝 Liver
10. 肝曲 Hepatic flexure
11. 腹脂线 Fat stripe
12. 升结肠 Ascending colon

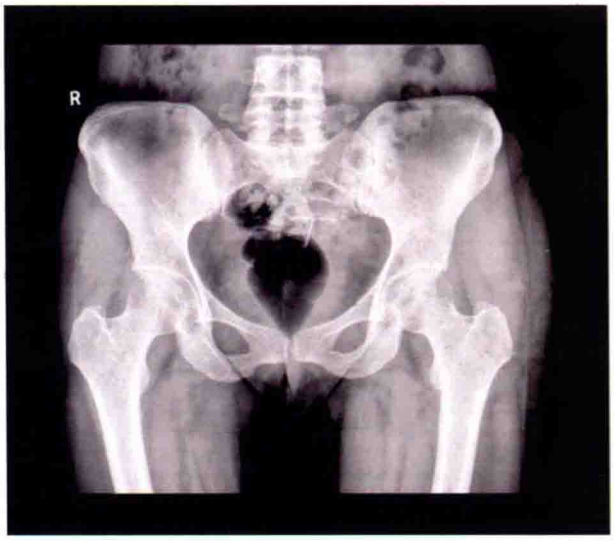
CHAPTER 9

第9章

Pelvis

盆　腔





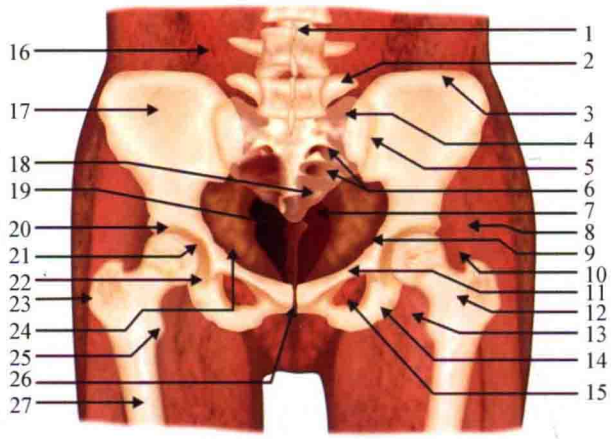
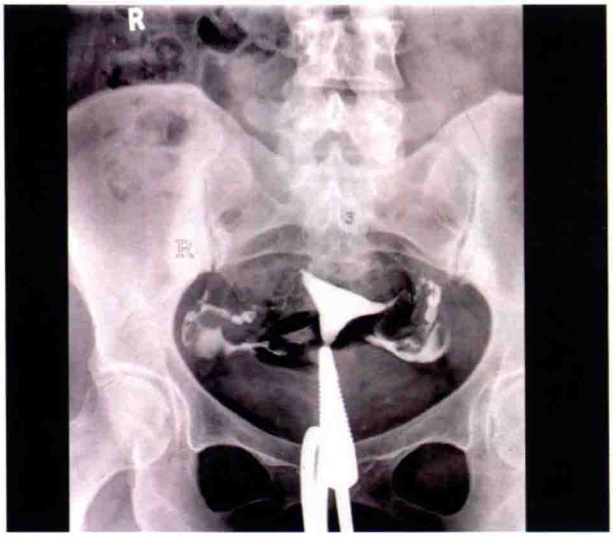


图 9-1

1. 棘突 Spinous process
2. L5横突 L5 transverse process
3. 髂嵴 Iliac crest
4. 骶翼 Sacral ala
5. 骶髂关节 Sacroiliac joint
6. 骶孔 Sacral foramina
7. 直肠气体影 Rectal gas shadow
8. 臀中肌脂肪线 Gluteus medius fat plane
9. 坐骨棘 Ischial spine
10. 关节囊上脂肪线 Supracapsular fat plane
11. 耻骨上支 Superior pubic ramus
12. 转子间线 Intertrochanteric line
13. 髂腰肌脂肪线 Psoas fat plane
14. 坐骨结节 Ischial tuberosity
15. 闭孔 Obturator foramen
16. 腰大肌 Psoas
17. 髂骨 Iliac bone
18.T 形环 Copper-T
19. 尾骨 Coccyx
20. 髋臼顶 Superior compartment of hip joint
21. 髋臼窝 Axial compartment of hip joint
22. 髋关节内侧壁 Medial compartment of hip joint
23. 大粗隆 Greater trochanter
24. 闭孔内肌脂肪线 Obturator internus fat plane
25. 小粗隆 Lesser trochanter
26. 耻骨联合 Pubic symphysis
27. 股骨 Femur



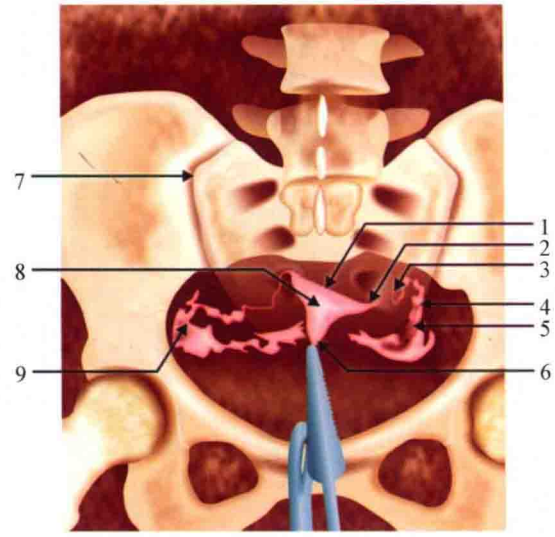


图 9-2

1. 子宫底 Fundus of uterus
2. 子宫角 Cornu of uterus
3. 输卵管峡部 Isthmus of fallopian tube
4. 壶腹部 Ampullary part
5. 漏斗部 Infundibulum
6. 子宫颈 Cervix
7. 骶髂关节 Sacroiliac joint
8. 子宫体 Body of uterus
9. 盆腔内对比剂自由弥散 Free spill of contrast in the pelvis



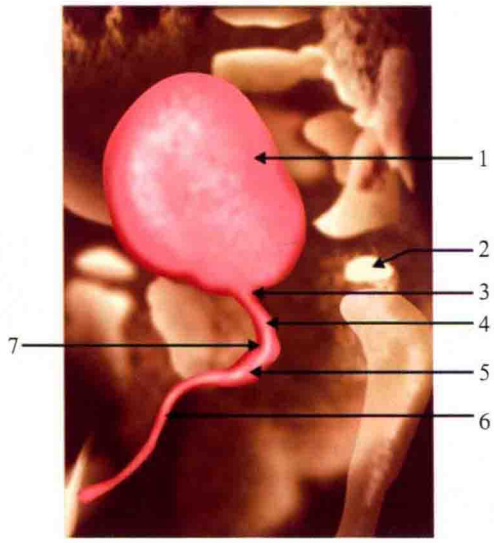
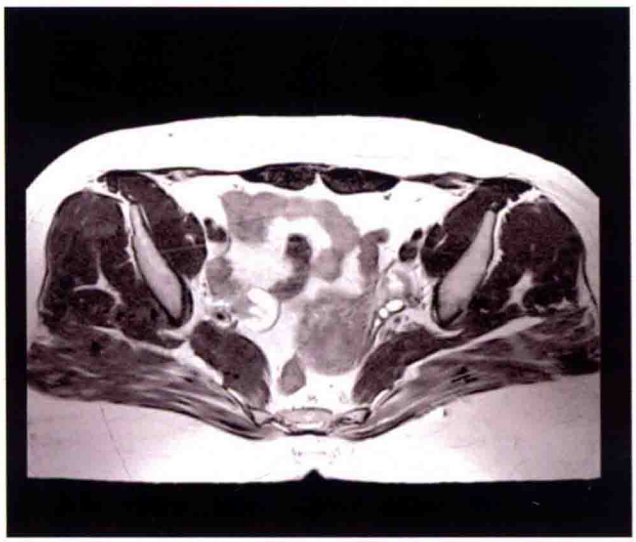


图 9-3

1. 膀胱 Urinary bladder
2. 股骨头 Femur head
3. 膀胱颈 Bladder neck
4. 尿道前列腺部 Prostatic urethra
5. 尿道球部 Bulbous urethra
6. 尿道海绵体部 Penile (anterior) urethra
7. 尿道膜部 Membranous urethra

女性盆腔



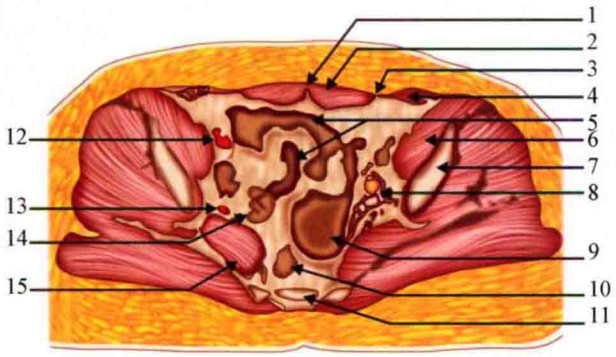
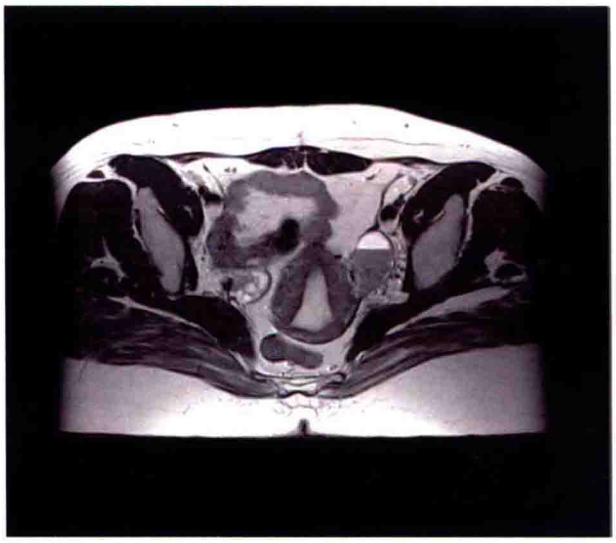


图 9-4

1. 腹白线 Linea alba
2. 腹直肌 Rectus abdominis muscle
3. 半月线 Linea semilunaris
4. 腹外斜肌 Oblique muscles
5. 小肠 Bowel loops
6. 髂腰肌 Iliopsoas muscle
7. 坐骨 Hip bone
8. 左侧卵巢 Left ovary
9. 子宫底 Uterine fundus
10. 直肠 Rectosigmoid
11. 骶骨 Sacrum
12. 髂外血管 External iliac vessels
13. 髂内分支
14. 右卵巢卵泡 Right ovary with follicles
15. 梨状肌 Piriformis



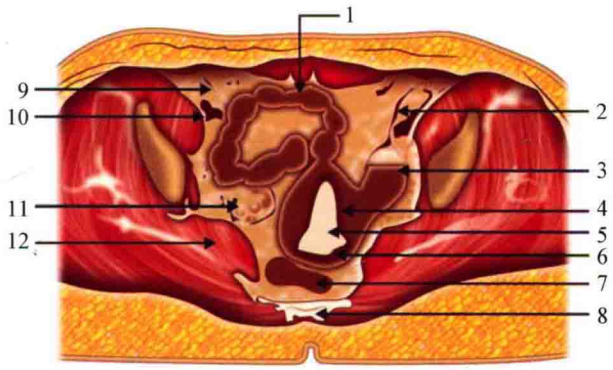
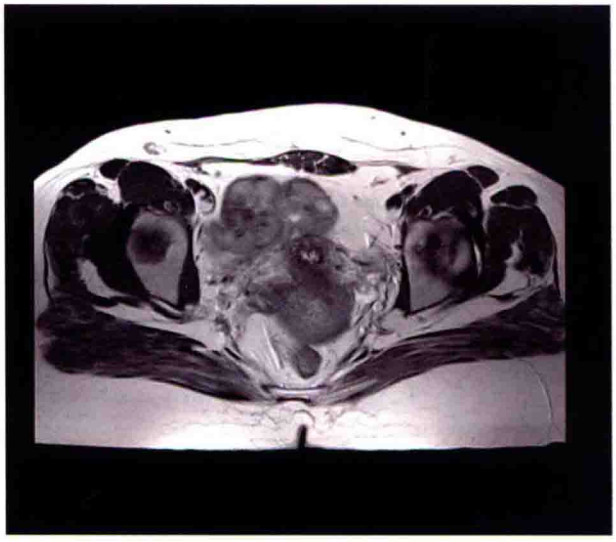


图9-5

1. 小肠 Bowel loops
2. 子宫圆韧带 Round ligament
3. 左侧卵巢囊肿伴液平面 Left ovarian cyst with fluid level
4. 结合带 Junctional zone
5. 子宫腔 Uterine cavity
6. 子宫底 Uterine fundus
7. 直肠 Rectum
8. 骶骨 Sacrum
9. 右侧圆韧带 Right round ligament
10. 髂外血管 External iliac vessels
11. 右侧卵巢 Right ovary
12. 梨状肌 Piriformis



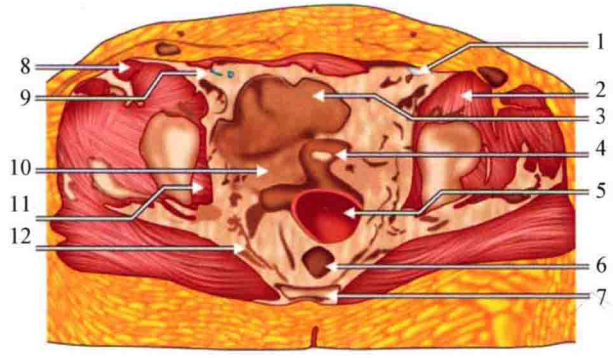
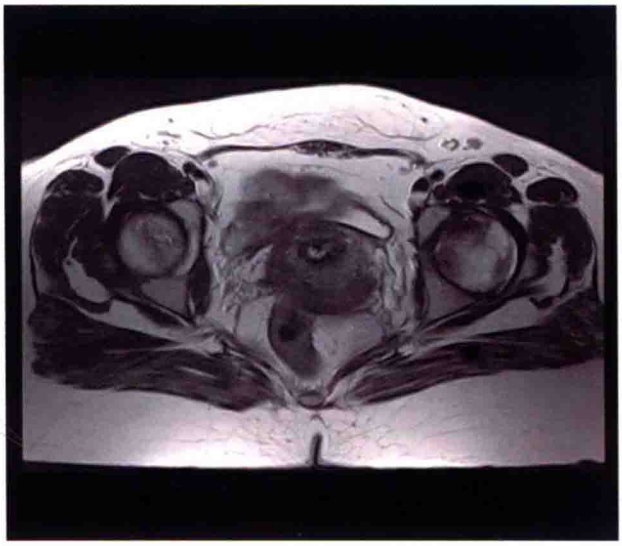


图9-6

1. 圆韧带 Round ligament
2. 髂腰肌 Iliopsoas
3. 小肠 Bowel loops
4. 子宫颈 Cervix
5. 子宫 Uterus
6. 直肠 Rectum
7. 骶骨 Sacrum
8. 缝匠肌 Sartorius
9. 圆韧带 Round ligament
10. 子宫旁组织 Parametrium
11. 闭孔内肌 Obturator internus
12. 骶子宫韧带 Uterosacral ligament



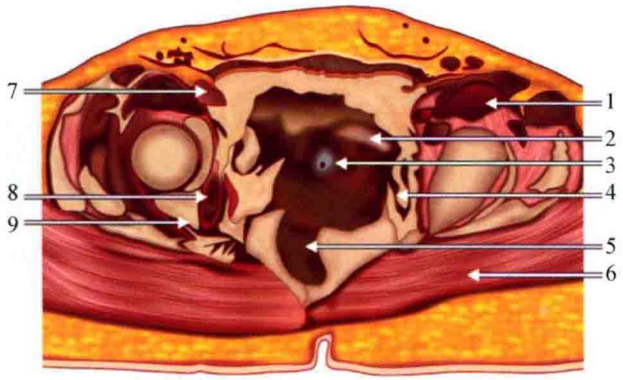


图9-7

1. 髂腰肌 Iliopsoas
2. 膀胱 Urinary bladder
3. 宫颈管 Cervical canal
4. 静脉丛 Venous plexus
5. 直肠 Rectum
6. 臀大肌 Gluteus maximus
7. 髂外血管 External iliac vessels
8. 闭孔内肌 Obturator internus
9. 坐骨 Ischium



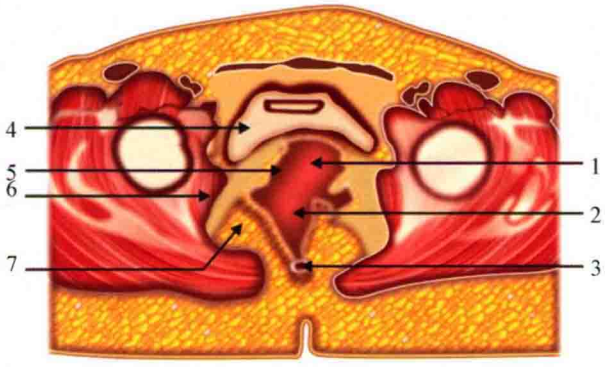


图9-8

1. 子宫颈外口 External OS, cervix
2. 直肠 Rectum
3. 尾骨 Coccyx
4. 膀胱 Urinary bladder
5. 阴道穹 Vaginal fornix
6. 闭孔内肌 Obturator internus
7. 肛提肌 Levator ani muscle

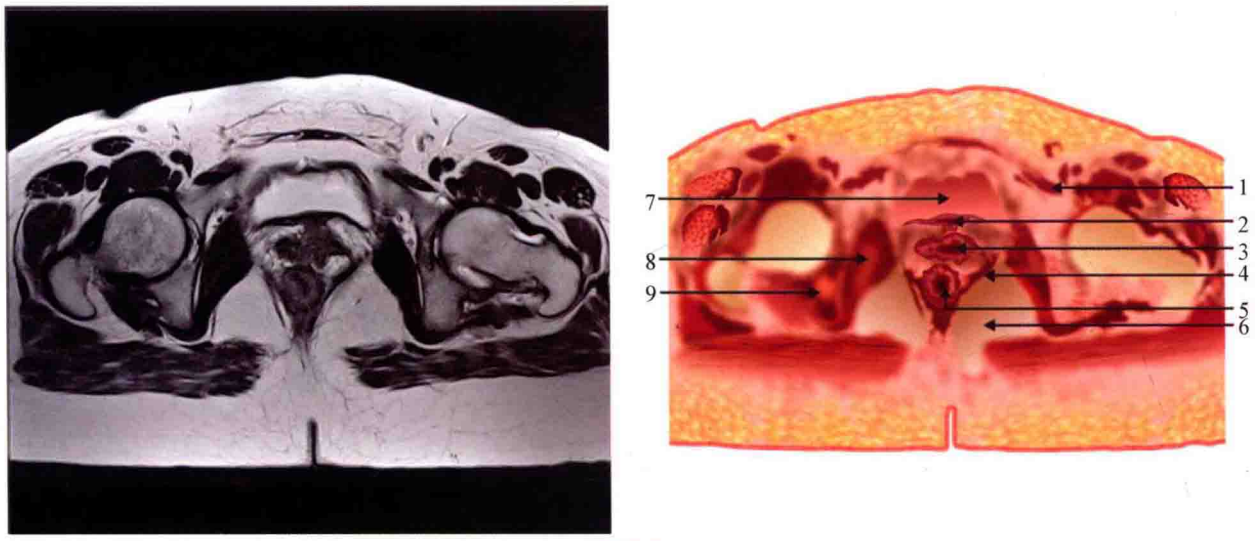


图 9-9

1. 耻骨肌 Pectineus muscle
2. 尿道 Urethra
3. 阴道穹 Vagina, fornix
4. 肛提肌 Levator ani muscle
5. 肛管 Anal canal
6. 坐骨肛门窝 Ischioanal fossa
7. 膀胱 Urinary bladder
8. 闭孔内肌 Obturator internus
9. 坐骨 Ischium

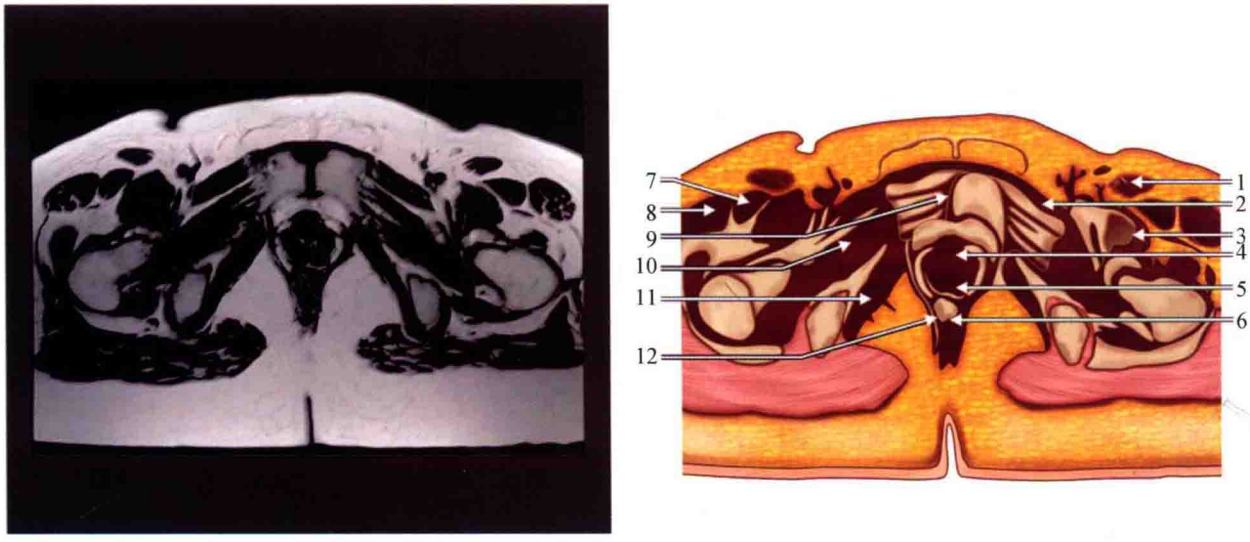
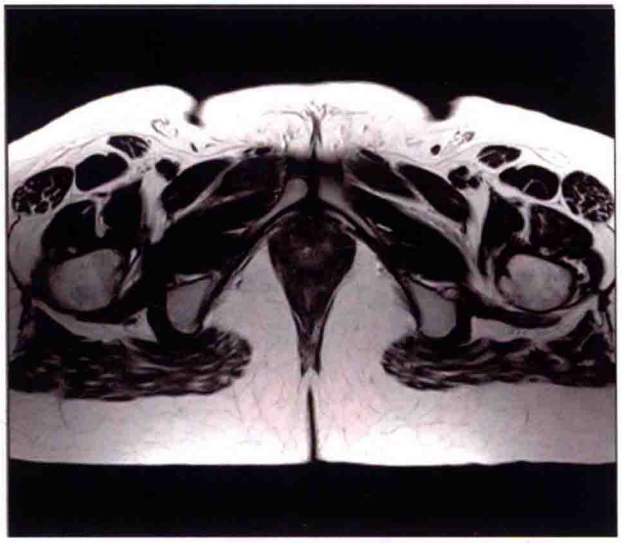


图 9-10

1. 缝匠肌 Sartorius
2. 耻骨肌 Pectineus muscle
3. 髂腰肌 Iliopsoas
4. 尿道 Urethra
5. 阴道 Vagina
6. 肛管 Anal canal
7. 股直肌 Rectus femoris muscle
8. 阔筋膜张肌 Tensor fascia lata muscle
9. 耻骨联合 Pubic symphysis
10. 闭孔外肌 Obturator externus
11. 闭孔内肌 Obturator internus
12. 肛提肌 Levator ani



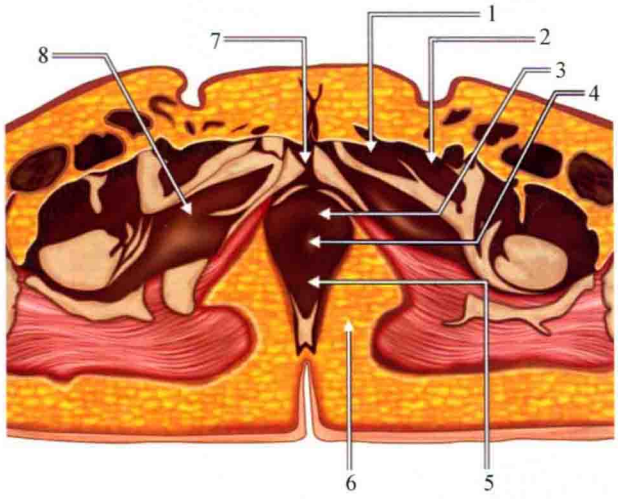
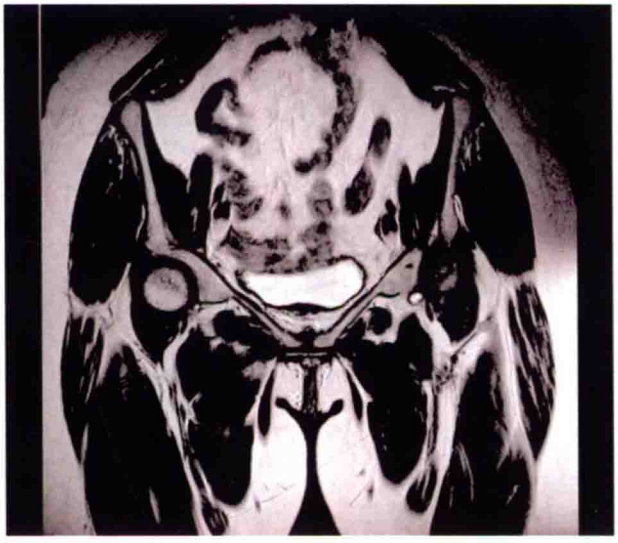


图 9-11

1. 短收肌 Adductor brevis
2. 耻骨肌 Pectineus
3. 尿道 Urethra
4. 阴道 Vagina
5. 肛门 Anus
6. 坐骨肛门窝 Ischioanal fossa
7. 耻骨联合 Pubic symphysis
8. 闭孔外肌 Obturator externus



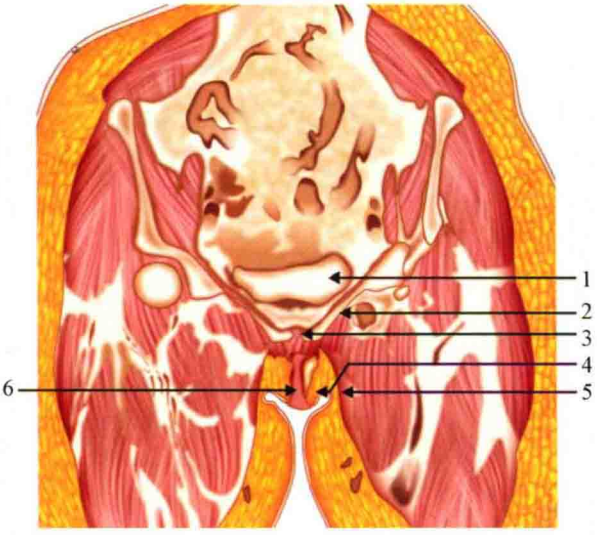
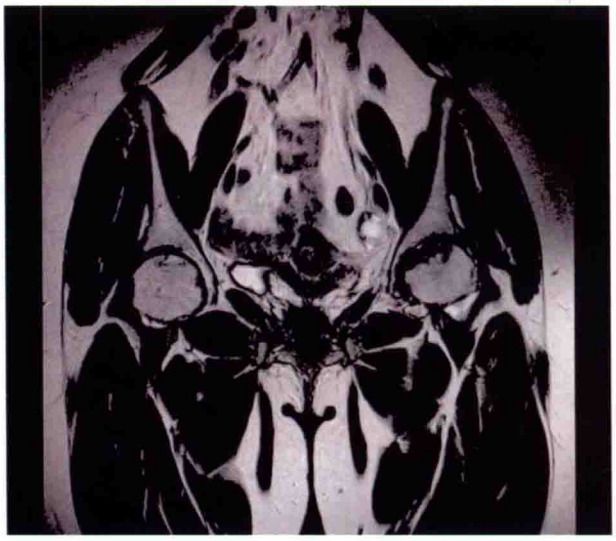


图 9-12

1. 膀胱 Urinary bladder
2. 耻骨上支 Superior pubic ramus
3. 耻骨联合 Pubic symphysis
4. 大阴唇 Labium majora
5. 股薄肌 Gracilis muscle
6. 阴蒂 Clitoris



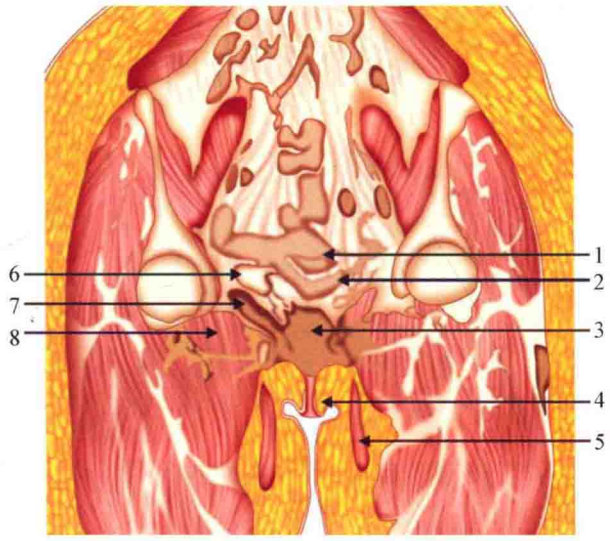
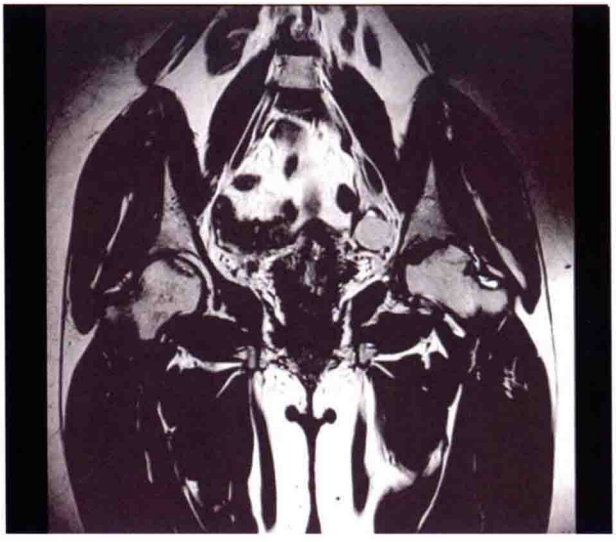


图 9-13

1. 部分子宫 Part of uterus
2. 阴道穹 Vagina, fornix
3. 尿道 Urethra
4. 大阴唇 Labium majora
5. 股薄肌 Gracilis
6. 膀胱 Urinary bladder
7. 闭孔内肌 Obturator internus
8. 闭孔外肌 Obturator externus



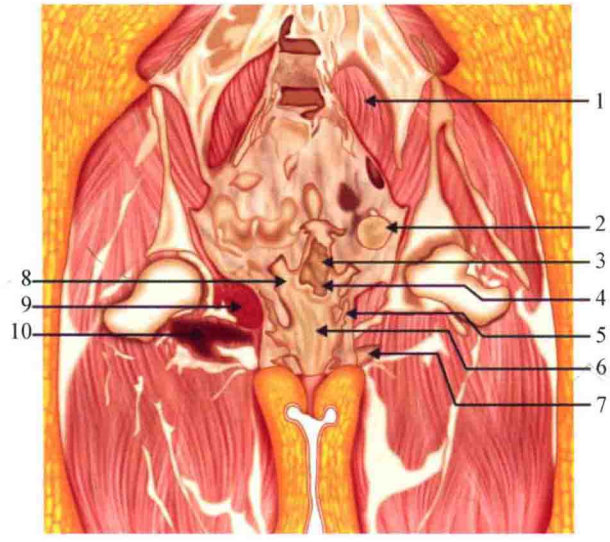
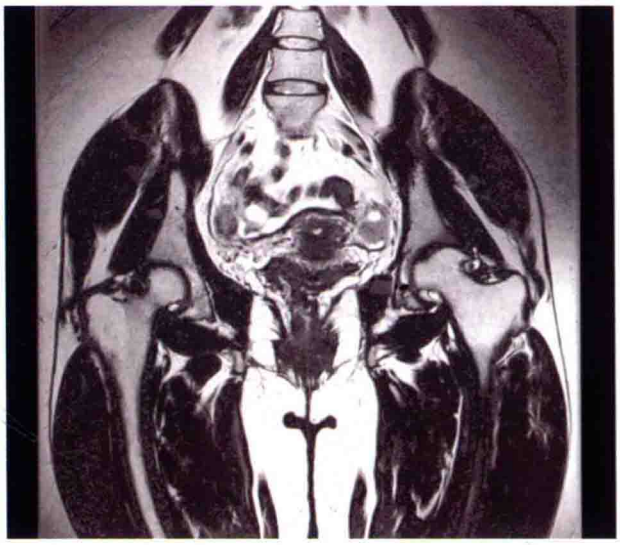


图 9-14

1. 腰大肌 Psoas
2. 左侧卵巢囊肿 Cyst in left ovary
3. 宫颈管 Cervical canal
4. 宫颈外口 External os
5. 肛提肌 Levator ani muscle
6. 阴道 Vagina
7. 坐骨支 Ischiopubic ramus
8. 阴道穹 Vaginal fornix
9. 闭孔内肌 Obturator internus
10. 闭孔外肌 Obturator externus



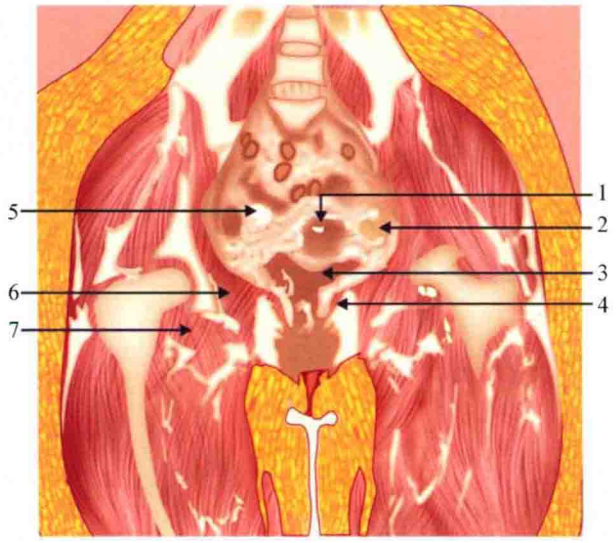
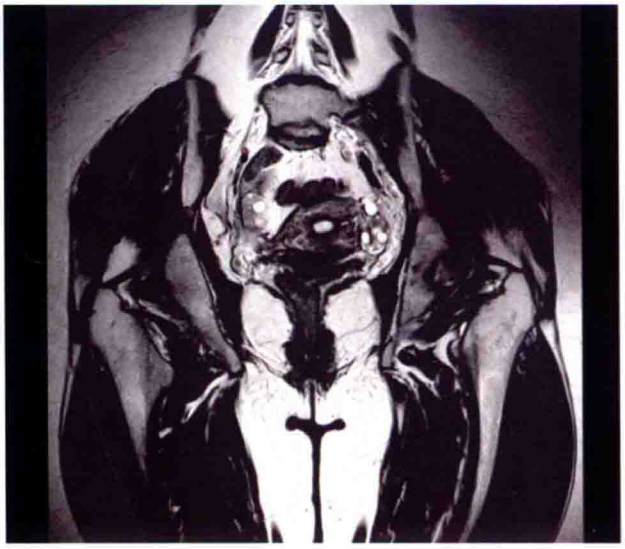


图 9-15

1. 子宫 Uterus
2. 左侧卵巢 Left ovary
3. 阴道后穹 Posterior fornix, vagina
4. 肛提肌 Levator ani muscle
5. 右侧卵巢 Right ovary
6. 闭孔内肌 Obturator internus
7. 闭孔外肌 Obturator externus



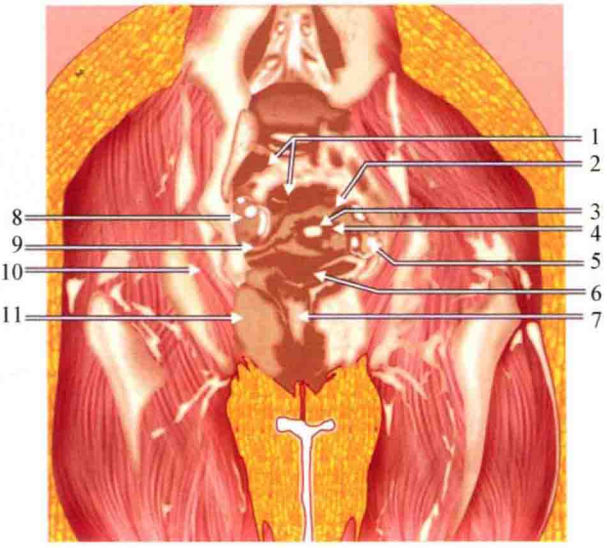
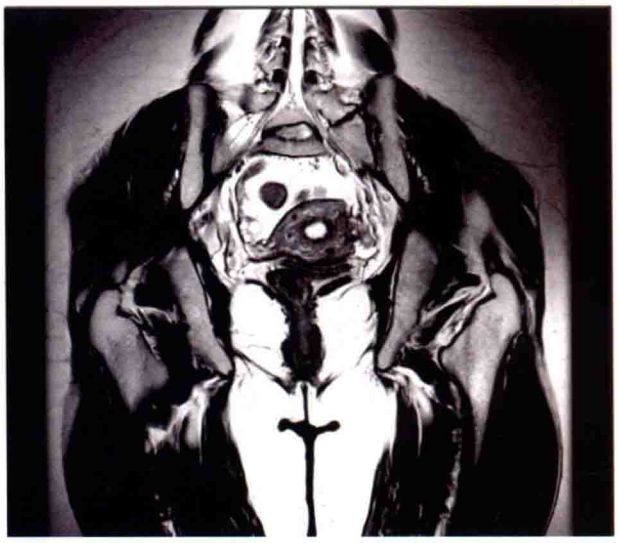


图 9-16

1. 小肠 Bowel loops
2. 子宫 Uterus
3. 子宫内膜腔 Endometrial cavity
4. 结合带 Junctional zone
5. 左侧卵巢 Left ovary
6. 阴道后穹 Posterior fornix, vagina
7. 肛管 Anal canal
8. 右侧卵巢 Right ovary
9. 输卵管 Fallopian tube
10. 闭孔内肌 Obturator internus
11. 坐骨肛门窝 Ischioanal fossa



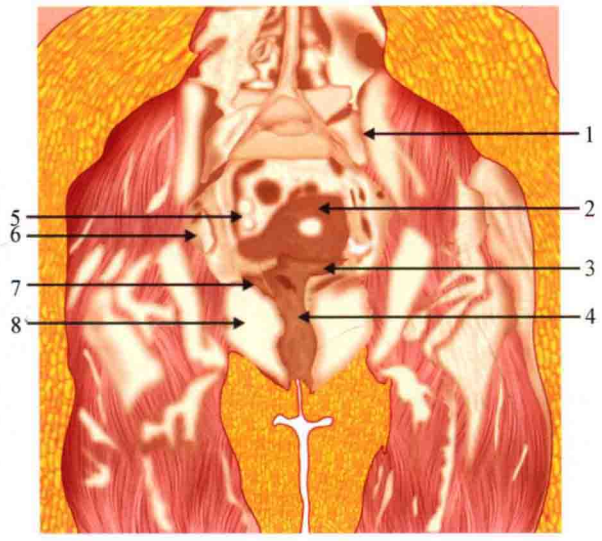
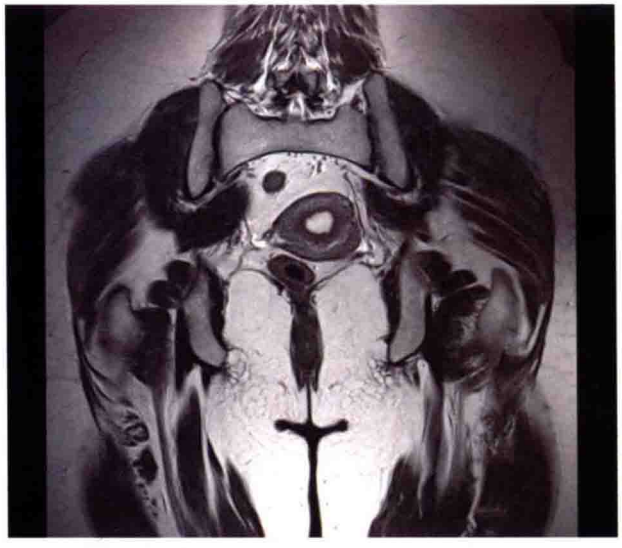


图 9-17

1. 骶髂关节 SI joint
2. 子宫 Uterus
3. 阴道后穹 Posterior fornix, vagina
4. 肛管 Anal canal
5. 右侧卵巢 Right ovary
6. 坐骨神经 Sciatic nerve
7. 肛提肌 Levator ani muscle
8. 坐骨肛门窝 Ischioanal fossa



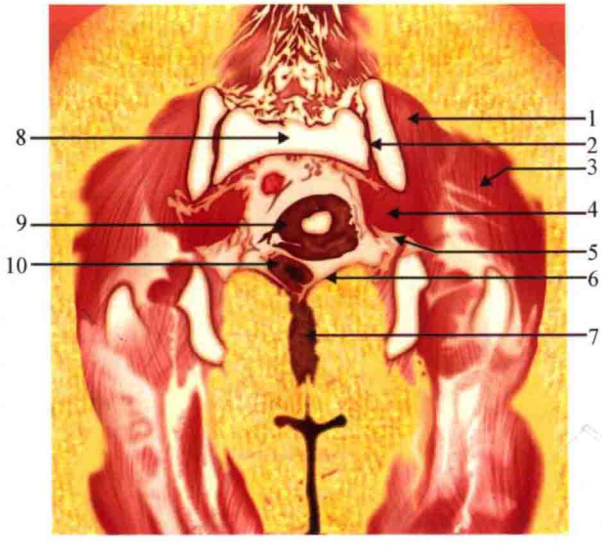
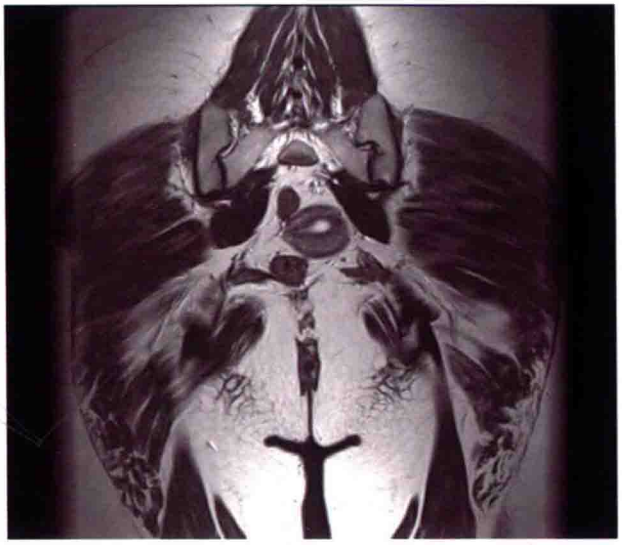


图 9-18

1. 臀中肌 Gluteus medius
2. 骶髂关节 SI joint
3. 臀大肌 Gluteus maximus
4. 梨状肌 Piriformis
5. 坐骨神经 Sciatic nerve
6. 肛提肌 Levator ani muscle
7. 肛管 Anal canal
8. 骶骨 Sacrum
9. 子宫 Uterus
10. 直肠 Rectum



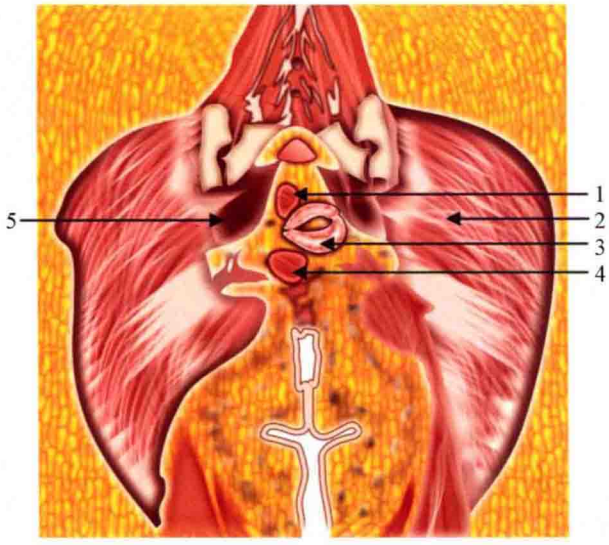


图 9-19

1. 直肠 Rectum
2. 臀大肌 Gluteus maximus
3. 子宫底 Uterus, fundus
4. 直肠 Rectum
5. 梨状肌 Piriformis



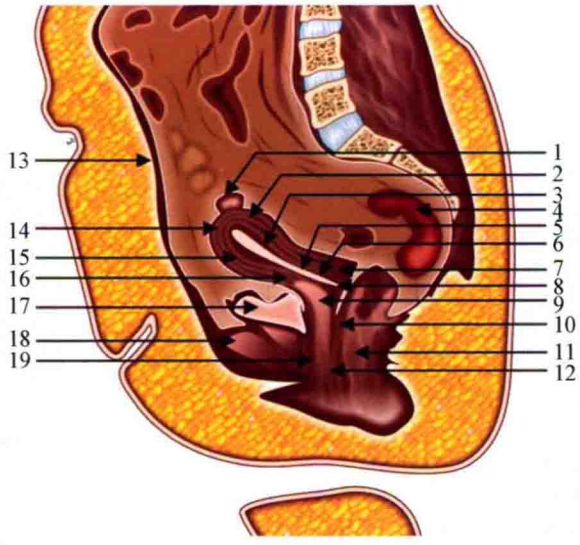


图 9-20

1. 小肠 Bowel loop
2. 子宫肌层 Myometrium
3. 子宫内膜 Endometrium
4. 直肠 Rectum
5. 宫颈内口 Internal os of cervix
6. 宫颈管 Cervical canal
7. 阴道后穹 Posterior fornix of vagina
8. 宫颈外口 External os, cervix
9. 阴道前穹 Anterior fornix, vagina
10. 直肠子宫陷凹 Rectovaginal pouch
11. 肛管 Anal canal
12. 阴道 Vagina
13. 腹直肌 Rectus abdominis
14. 子宫底 Fundus of uterus
15. 子宫体 Body of uterus
16. 子宫颈 Cervix
17. 膀胱 Urinary bladder
18. 耻骨 Pubis bone
19. 尿道 Urethra



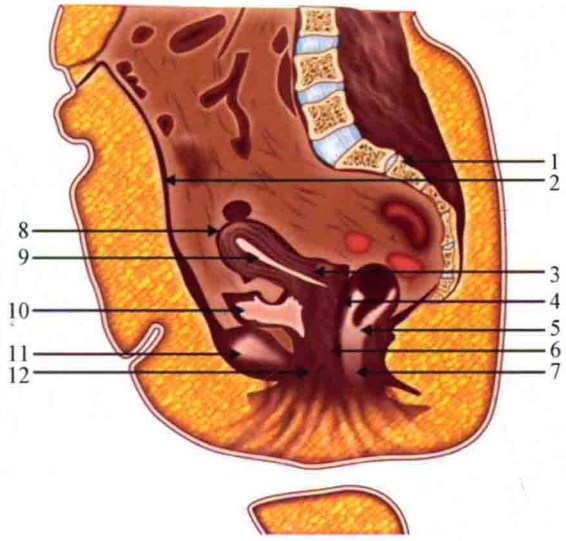


图 9-21

1. 骶骨 Sacrum
2. 腹直肌 Rectus abdominis muscle
3. 子宫颈 Cervix
4. 直肠子宫陷凹 Rectovaginal pouch
5. 直肠 Rectum
6. 阴道 Vagina
7. 肛管 Anal canal
8. 子宫底 Uterus, fundus
9. 子宫体 Uterus, body
10. 膀胱 Urinary bladder
11. 耻骨联合 Symphysis pubis
12. 尿道 Urethra



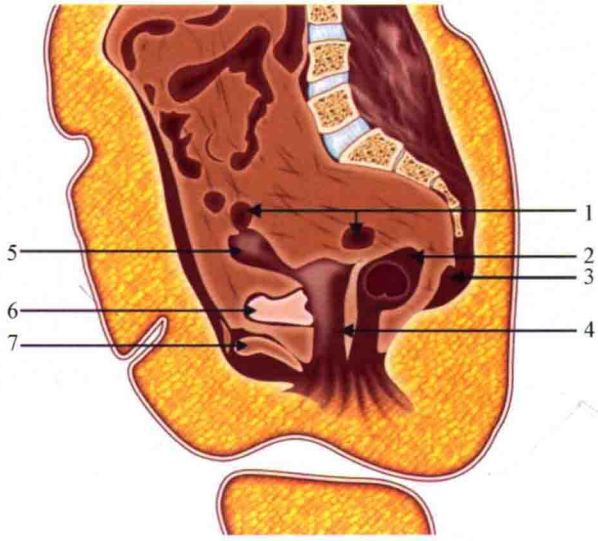


图 9-22

1. 小肠 Bowel loops
2. 直肠 Rectum
3. 尾骨 Coccyx
4. 阴道左侧壁 Vagina, Lateral wall
5. 子宫角 Uterus, cornu
6. 膀胱 Urinary bladder
7. 耻骨 Pubis bone



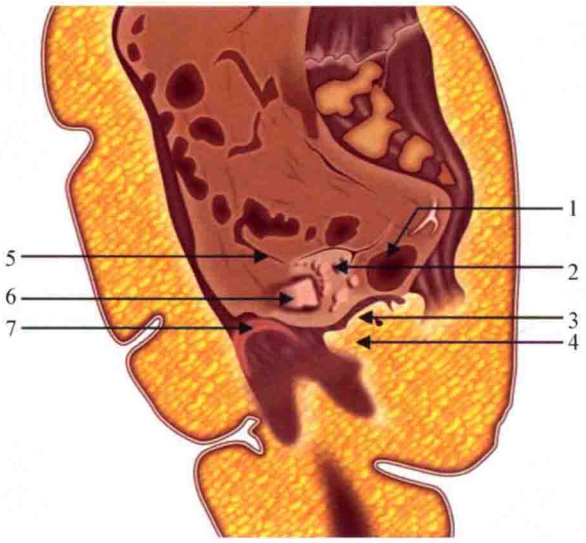


图 9-23

1. 直肠 Rectum
2. 卵巢 Ovary
3. 肛提肌 Levator ani muscle
4. 坐骨肛门窝 Ischioanal fossa
5. 输卵管 Fallopian tube
6. 膀胱 Bladder
7. 耻骨 Pubis



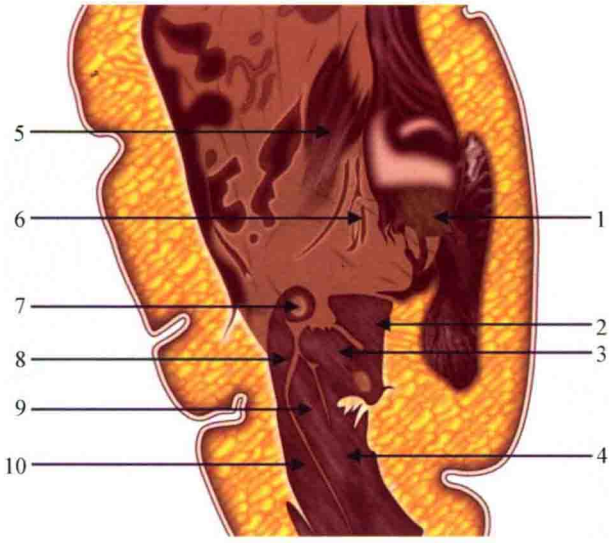


图 9-24

1. 梨状肌 Piriformis muscle
2. 闭孔内肌 Obturator internus muscle
3. 闭孔外肌 External obturator muscle
4. 大收肌 Adductor magnus
5. 腰大肌 Psoas muscle
6. 髂内血管 Internal iliac vessels
7. 耻骨上支 Superior pubic ramus
8. 耻骨肌 Pectineus muscle
9. 短收肌 Adductor brevis
10. 长收肌 Adductor longus

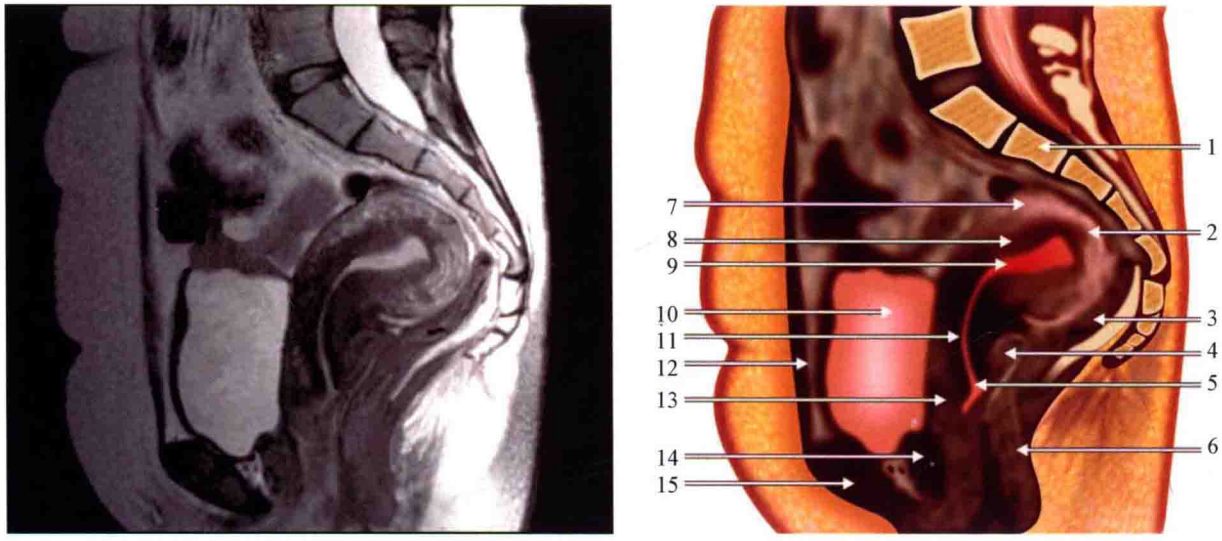


图9-25

子宫三层结构 TRILAMINAR PATTERN OF UTERUS

1. 骶骨 Sacrum
2. 子宫底 Fundus of uterus
3. 直肠 Rectum
4. 阴道后穹 Posterior fornix, vagina
5. 宫颈外口 External os
6. 肛管 Anal canal
7. 外带:子宫外肌层 Outer zone: Outer myometrium
8. 结合带：子宫内膜和子宫内肌层 Junctional zone: Endometrium and inner myometrium
9. 内带:子宫腔 Inner zone: Endometrial cavity
10. 膀胱 Urinary bladder
11. 宫颈 Cervix
12. 腹直肌 Rectus abdominis
13. 阴道前穹 Anterior fornix, vagina
14. 尿道 Urethra
15. 耻骨联合 Pubic symphysis

男性盆腔

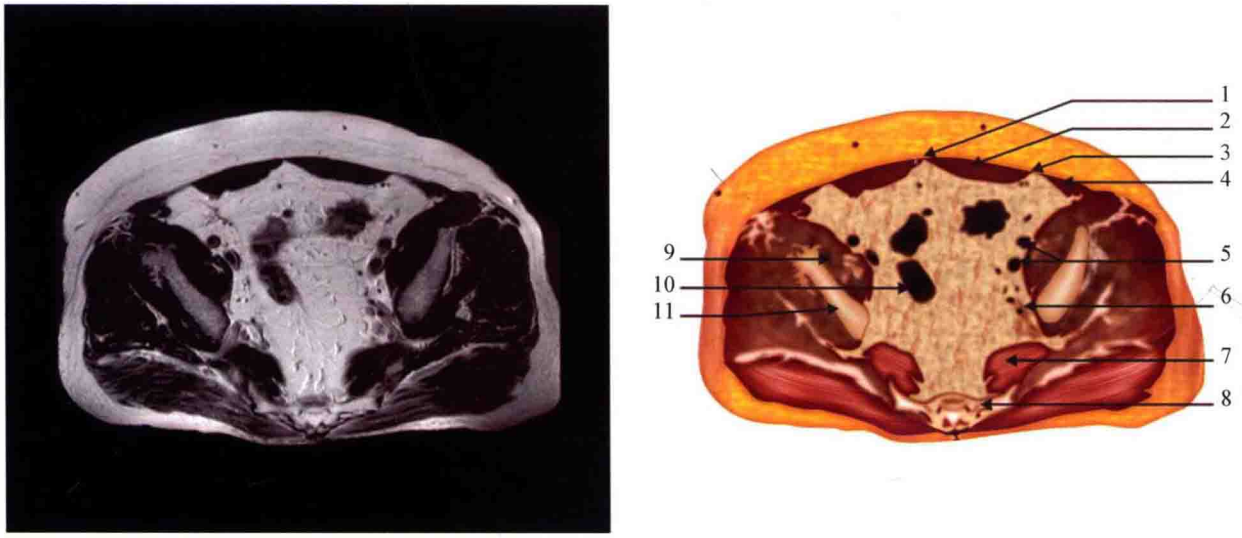
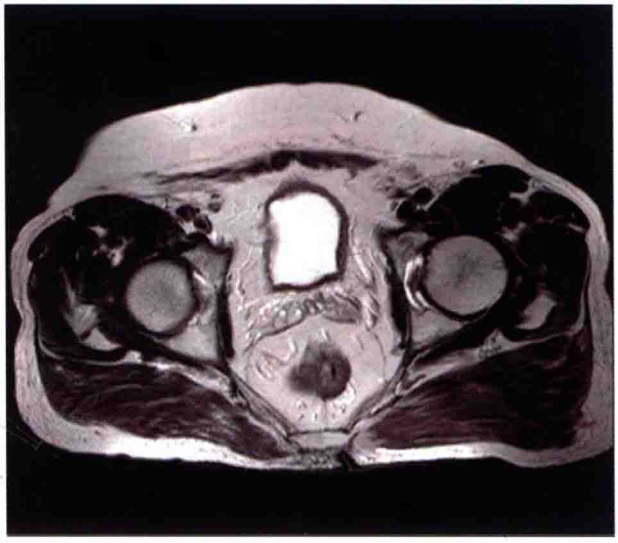


图9-26

1. 腹白线 Linea alba
2. 腹直肌 Rectus abdominis muscle
3. 半月线 Linea semilunaris
4. 腹斜肌 Oblique abdominal muscles
5. 髂外血管 External iliac vessels
6. 髂内血管 Internal iliac vessels
7. 梨状肌 Pyriformis muscle
8. 骶骨 Sacrum
9. 髂腰肌 Iliopsoas muscle
10. 乙状结肠 Sigmoid colon
11. 髂骨 Iliac bone



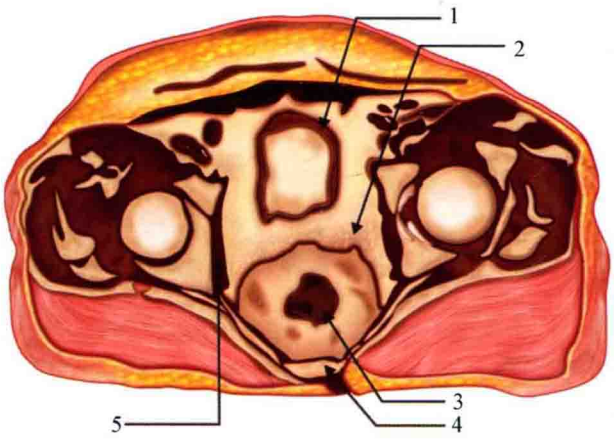
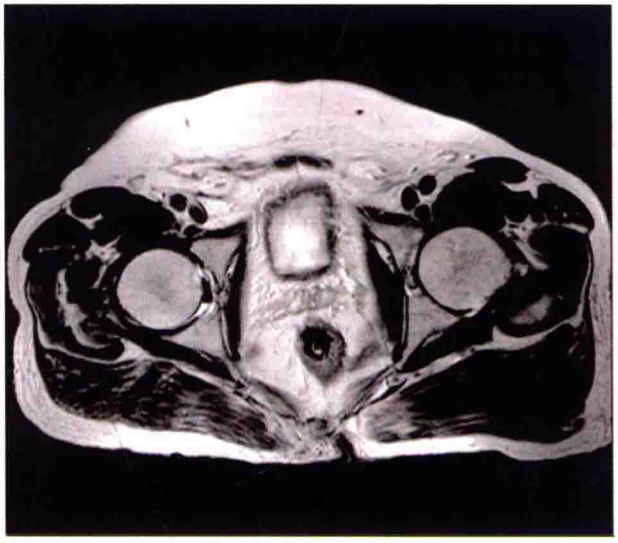


图9-27

1. 膀胱 Urinary bladder
2. 精囊 Seminal vesicle
3. 直肠 Rectum
4. 骶骨 Sacrum
5. 闭孔内肌 Obturator internus muscle



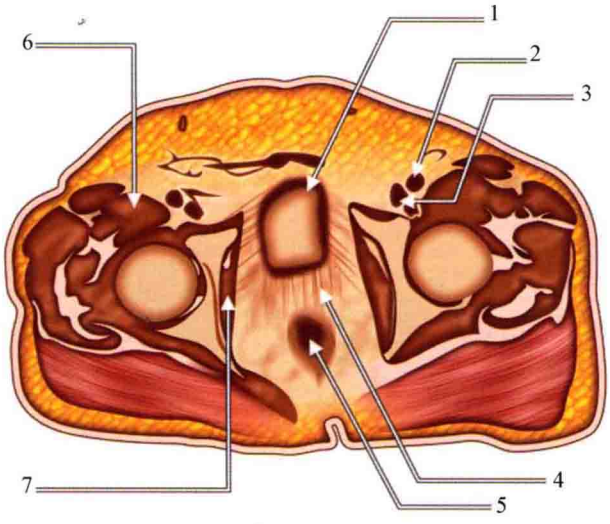
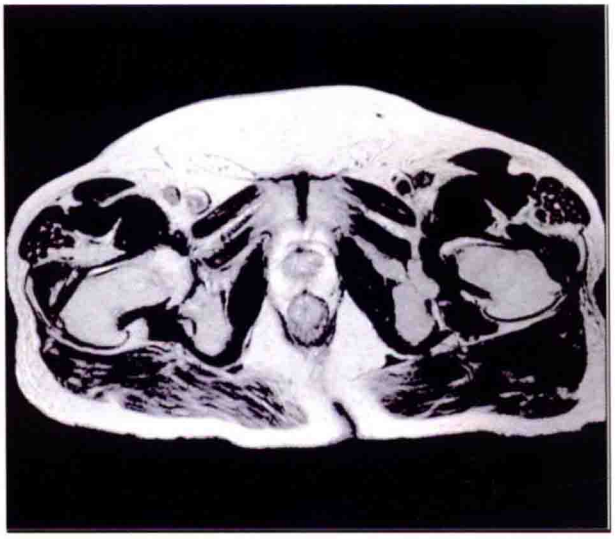


图9-28

1. 膀胱 Urinary bladder
2. 股动脉 Femoral artery
3. 股静脉 Femoral vein
4. 精囊 Seminal vesicle
5. 直肠 Rectum
6. 髂腰肌 Iliopsoas muscle
7. 闭孔内肌 Obturator internus muscle



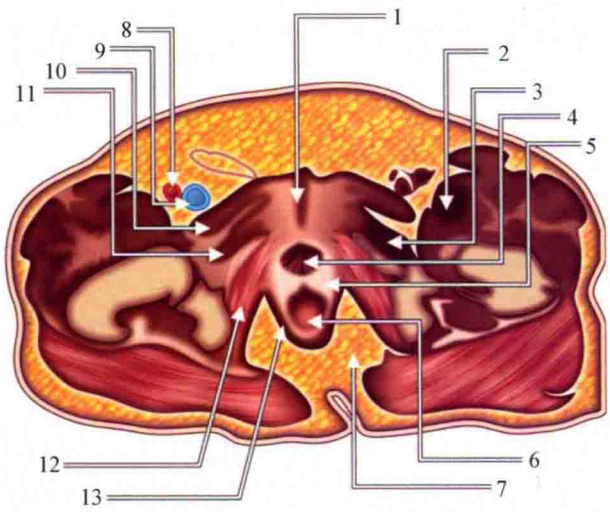
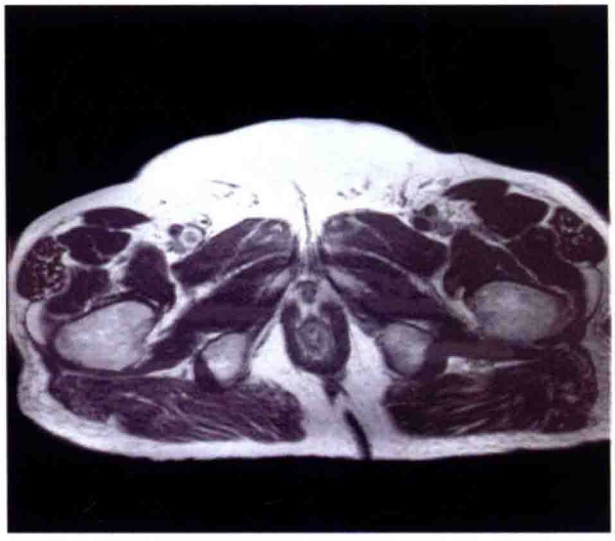


图 9-29

1. 耻骨联合　Pubic symphysis
2. 髂腰肌　Iliopsoas muscle
3. 闭孔外肌　Obturator externus
4. 前列腺中心带（纤维肌层）　Prostate-central (fibromuscular) zone
5. 前列腺周围带　Prostate peripheral zone
6. 肛管　Anal canal
7. 坐骨肛门窝脂肪　Fat in ischiorectal fossa
8. 股动脉　Femoral artery
9. 股静脉　Femoral vein
10. 耻骨肌　Pectineus muscle
11. 闭孔外肌　Obturator externus
12. 闭孔内肌　Obturator internus muscle
13. 肛提肌　Levator ani muscle



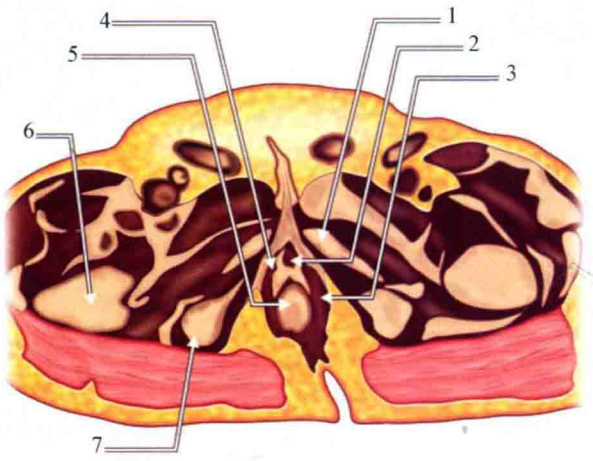
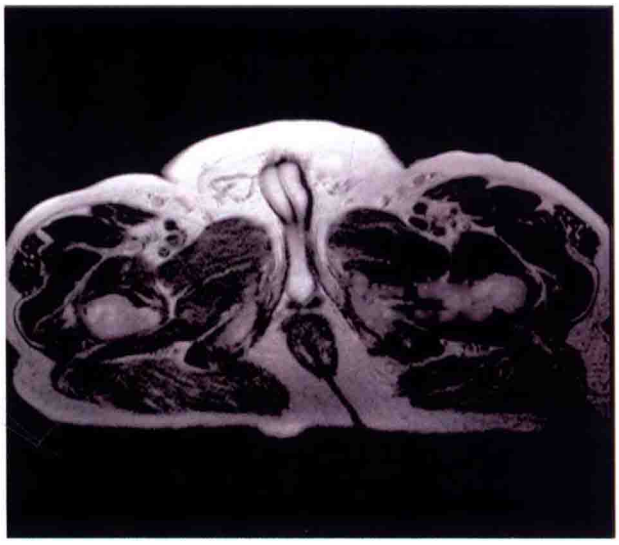


图 9-30

1. 耻骨支　Pubic ramus
2. 尿道膜部　Urethra, membranous segment
3. 肛提肌　Levator ani muscle
4. 尿生殖膈　Urogenital diaphragm
5. 肛门　Anus
6. 股骨　Femur
7. 坐骨结节　Ischial tuberosity



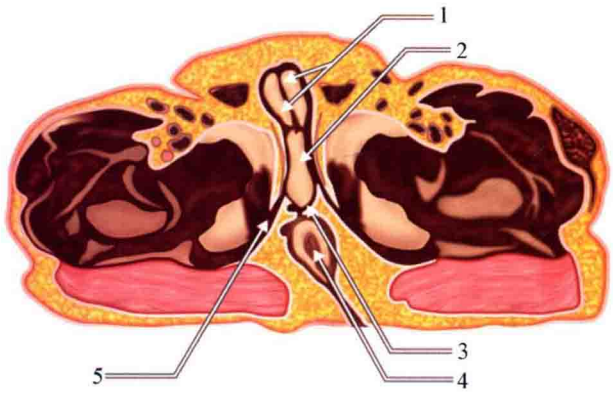
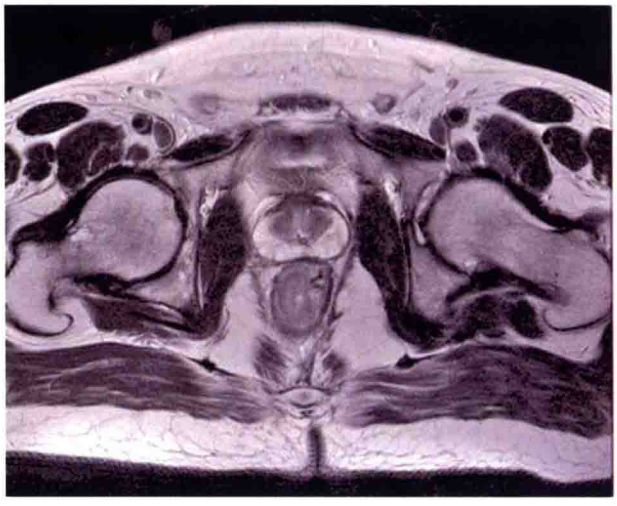


图 9-31

1. 阴茎海绵体 Corpora cavernosa, penis
2. 尿道海绵体 Corpus spongiosum, penis
3. 球海绵体肌 Bulbospongiosus muscle
4. 肛门 Anus
5. 坐骨海绵体肌 Ischiocavernosus muscle



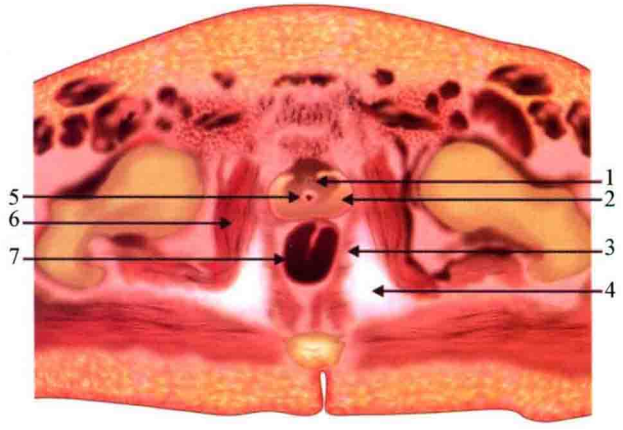
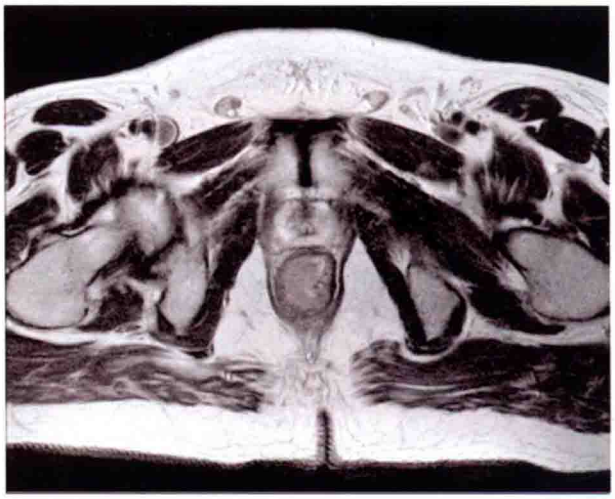


图 9-32

1. 前列腺中心带 Prostate-central zone
2. 前列腺周围带 Prostate-peripheral zone
3. 肛提肌 Levator ani muscle
4. 坐骨肛门窝 Ischiorectal fossa
5. 尿道前列腺部 Prostatic urethra
6. 闭孔内肌 Obturator internus
7. 直肠 Rectum



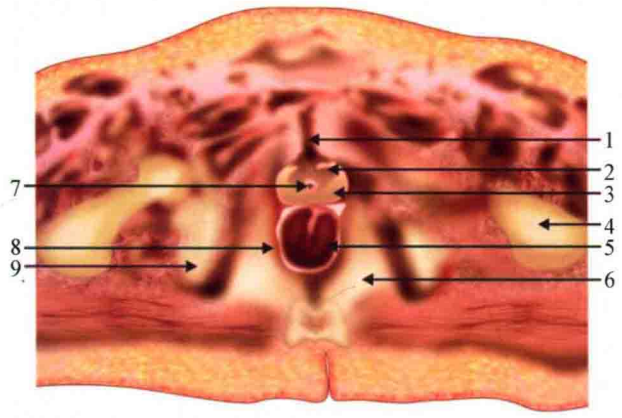


图 9-33

1. 耻骨联合　Pubic symphysis
2. 前列腺中心带　Central zone
3. 前列腺周围带　Peripheral zone
4. 股骨　Femur
5. 肛管　Anal canal
6. 坐骨肛门窝　Ischiorectal fossa
7. 尿道　Urethra
8. 肛提肌　Levator ani muscle
9. 坐骨结节　Ischial tuberosity



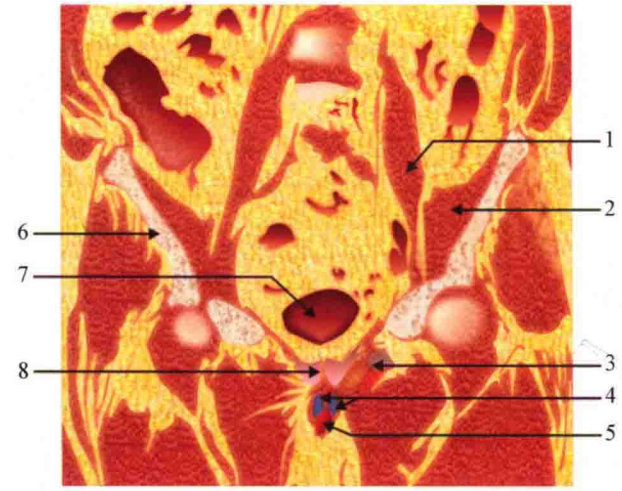


图 9-34

1. 腰大肌　Psoas
2. 髂腰肌　Iliacus
3. 闭孔外肌　Obturator externus
4. 阴茎海绵体　Corpora cavernosa
5. 尿道海绵体　Corpus spongiosum
6. 髂骨　Ilium
7. 膀胱　Urinary bladder
8. 耻骨联合　Pubic symphysis



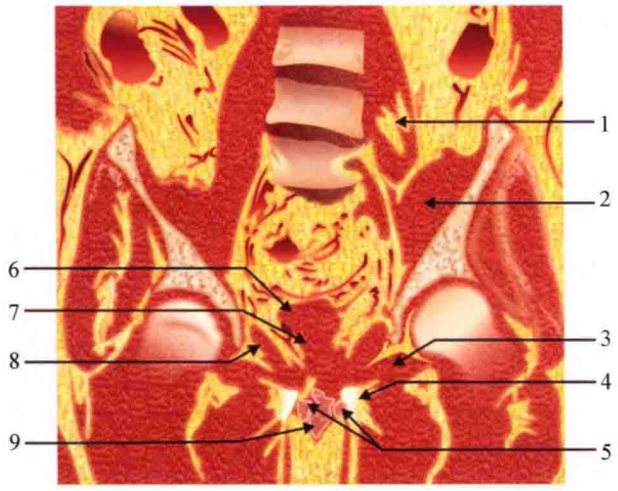


图 9-35

1. 腰大肌 Psoas
2. 髂腰肌 Iliacus
3. 闭孔外肌 Obturator externus
4. 耻骨 Pubic ramus
5. 阴茎海绵体 Corpora cavernosa
6. 膀胱 Urinary bladder
7. 前列腺 Prostate
8. 闭孔内肌 Obturator internus
9. 尿道海绵体 Corpus spongiosum



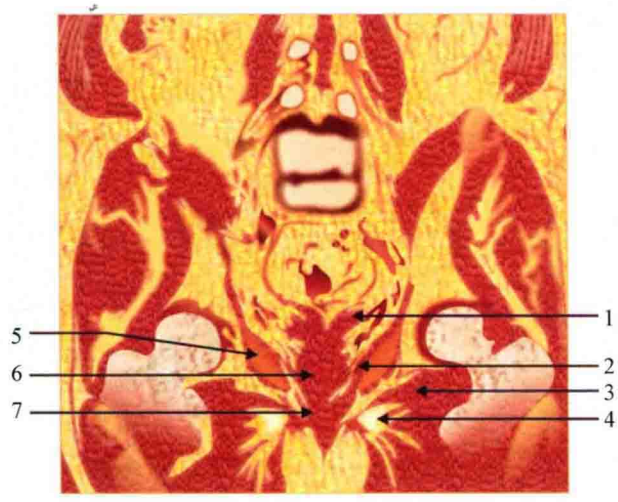


图 9-36

1. 精囊 Seminal vesicle
2. 肛提肌 Levator ani muscle
3. 闭孔外肌 Obturator externus
4. 耻骨支 Pubic ramus
5. 闭孔内肌 Obturator internus
6. 前列腺 Prostate gland
7. 尿生殖膈 Urogenital diaphragm



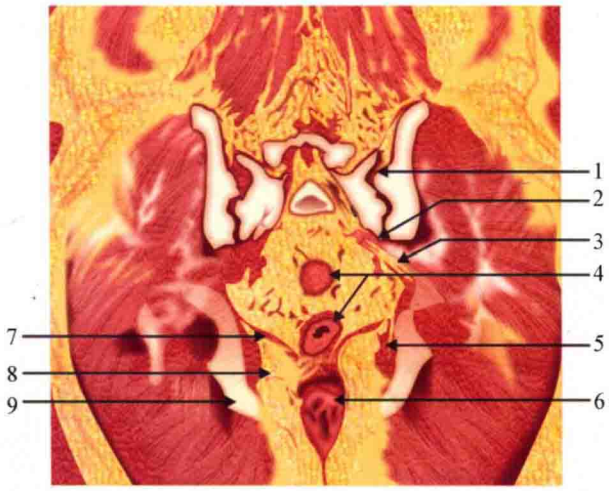


图9-37

1. 骶髂关节 SI joint
2. 梨状肌 Piriformis muscle
3. 腰骶神经丛 Lumbosacral plexus
4. 直肠 Rectum
5. 闭孔内肌 Obturator internus muscle
6. 肛管 Anal canal
7. 肛提肌 Levator ani muscle
8. 坐骨肛门窝 Ischiorectal fossa
9. 坐骨 Ischium



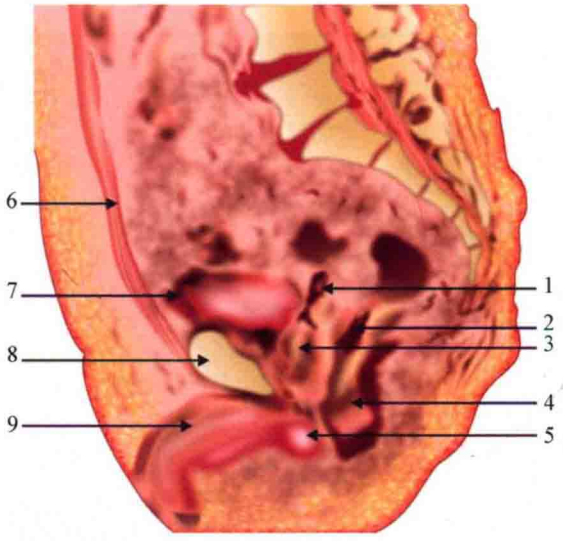


图9-38

1. 精囊 Seminal vesicle
2. 直肠 Rectum
3. 前列腺 Prostate
4. 肛管 Anal canal
5. 尿道球 Bulb of penis
6. 腹直肌 Rectus abdominis
7. 膀胱 Urinary bladder
8. 耻骨 Pubic bone
9. 阴茎海绵体 Corpus cavernosum



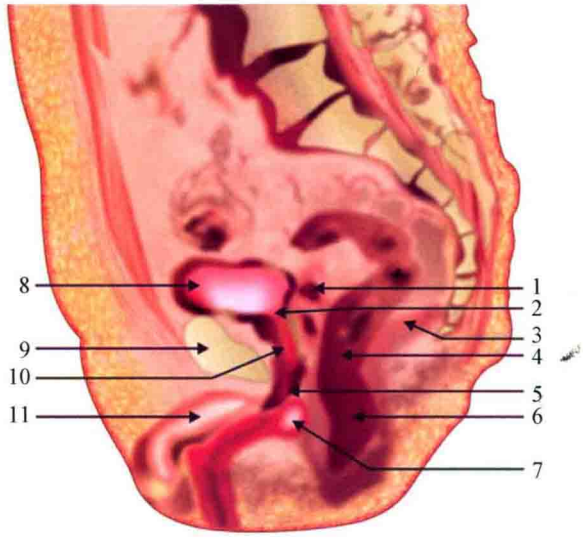


图9-39

1. 精囊 Seminal vesicle
2. 膀胱颈 Bladder neck
3. 肛提肌 Levator ani muscle
4. 直肠 Rectum
5. 尿生殖膈 Urogenital diaphragm
6. 肛管 Anal canal
7. 尿道球 Bulb of penis
8. 膀胱 Urinary bladder
9. 耻骨 Pubis bone
10. 尿道前列腺部 Prostatic urethra
11. 阴茎 Penis



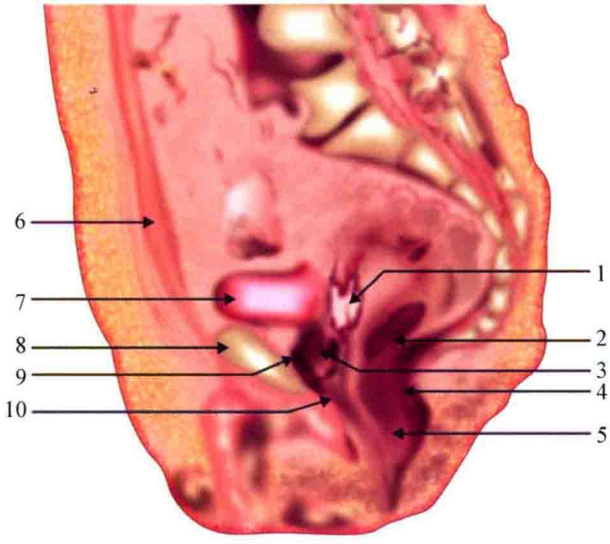


图9-40

1. 精囊 Seminal vesicle
2. 直肠 Rectum
3. 前列腺中心带 Prostate, central zone
4. 肛提肌和尾骨肌 Levator ani & coccygeus muscle
5. 肛管 Anal canal
6. 腹直肌 Rectus abdominis muscle
7. 膀胱 Urinary bladder
8. 耻骨 Pubic ramus
9. 前列腺周围带 Prostate, peripheral zone
10. 闭孔内肌 Obturator internus

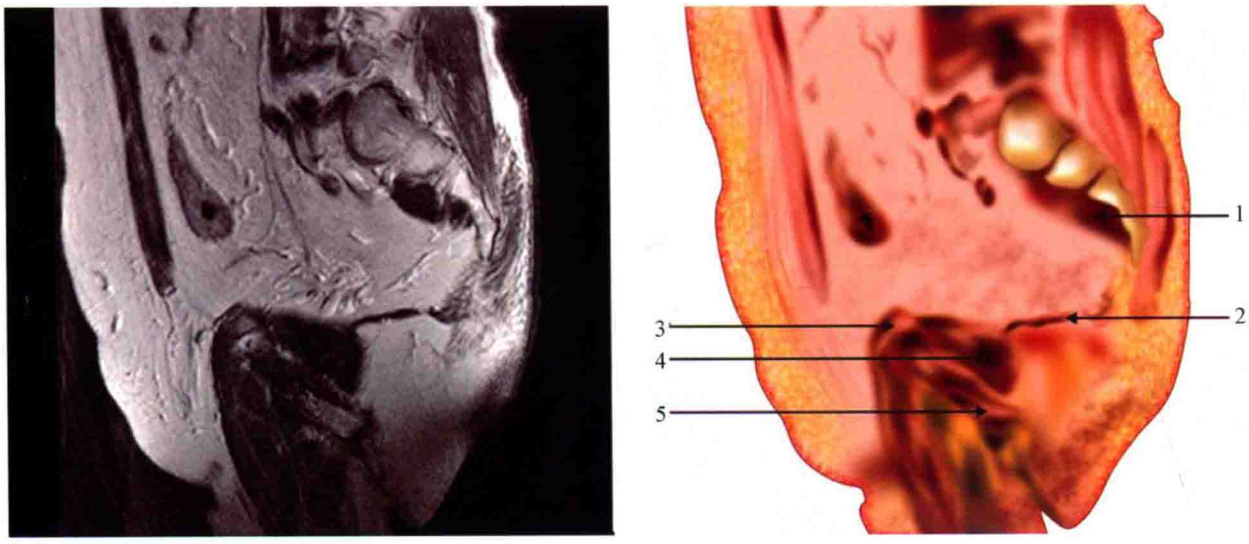
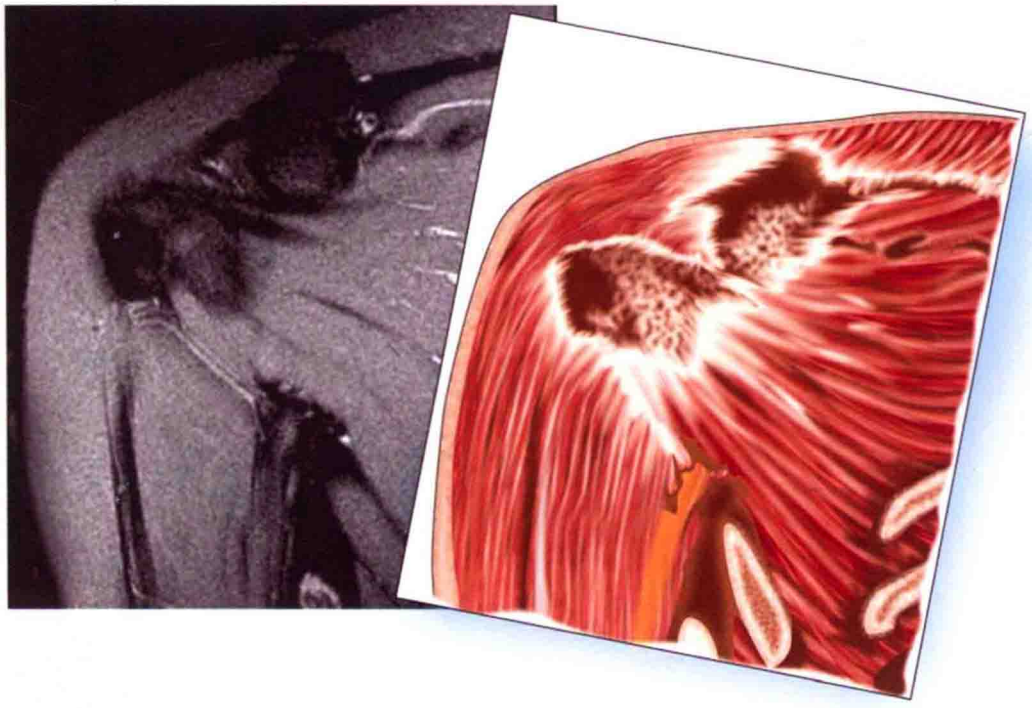


图 9-41

1. 梨状肌 Pyriformis
2. 肛提肌 Levator ani muscle
3. 耻骨支 Pubic ramus
4. 闭孔内肌 Obturator internus
5. 坐骨 Ischium

Section 4

第四篇



上　肢
Upper Extremity

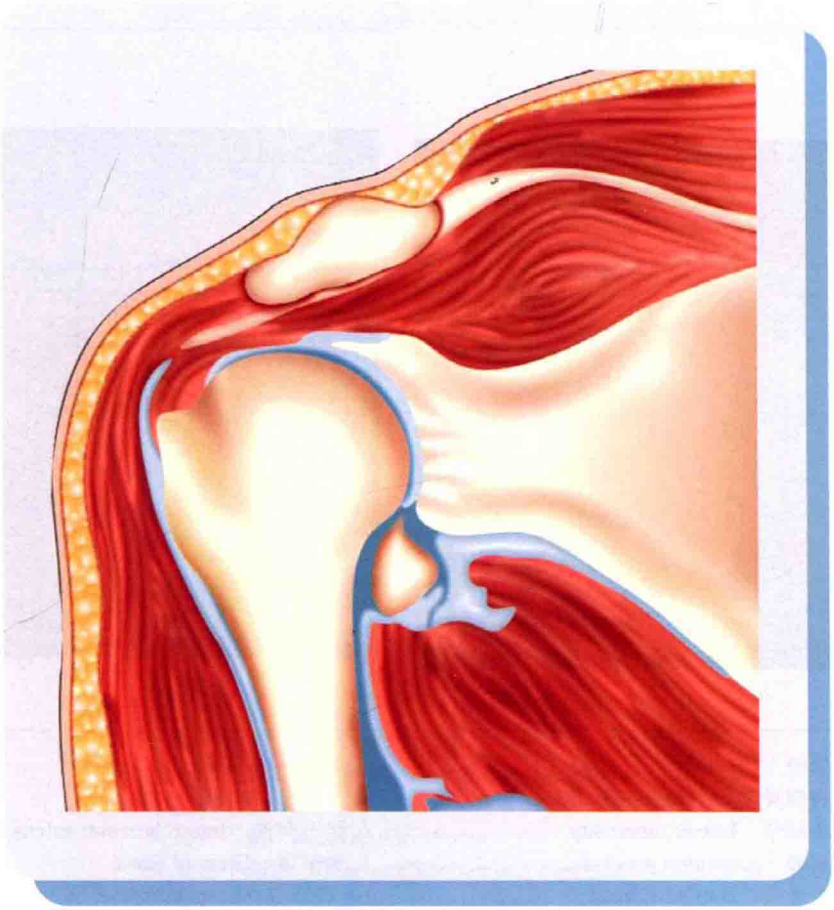
- 肩关节　Shoulder
- 臂和前臂　Arm and Forearm
- 肘关节　Elbow
- 腕关节　Wrist
- 上肢血管　Upper Extremity Vessels

CHAPTER 10

第10章

Shoulder

肩关节



X线图像

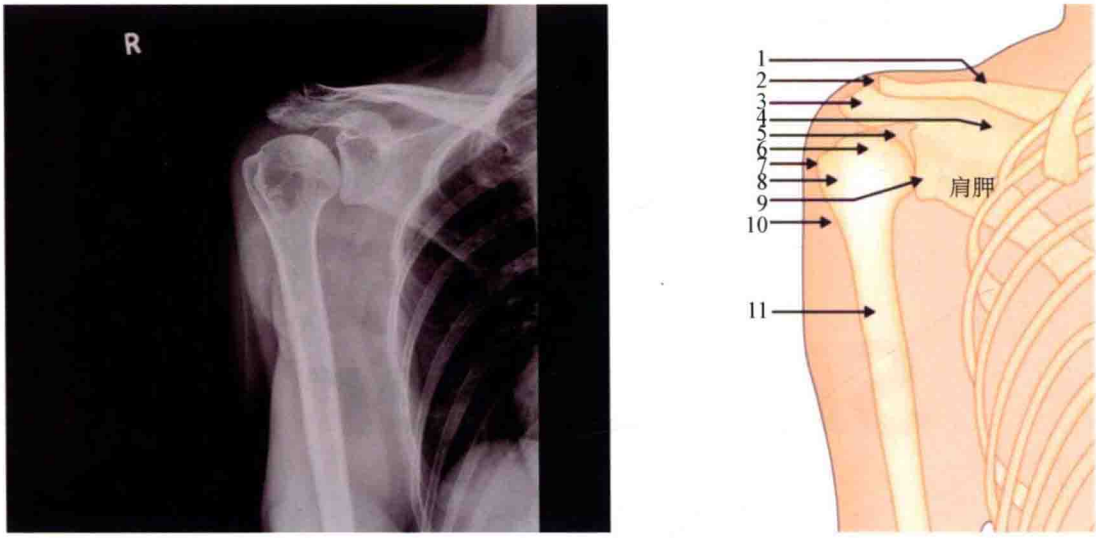


图10-1

1. 锁骨 Clavicle
2. 肩锁关节 Acromio-clavicular joint
3. 肩峰 Acromion process
4. 肩胛冈 Scapula spine
5. 喙突 Coracoid process
6. 肱骨头 Humerus, head
7. 大结节 Greater tuberosity
8. 小结节 Lesser tuberosity
9. 关节盂 Glenoid fassa
10. 外科颈 Surgical neck
11. 肱骨干 Humerus shaft

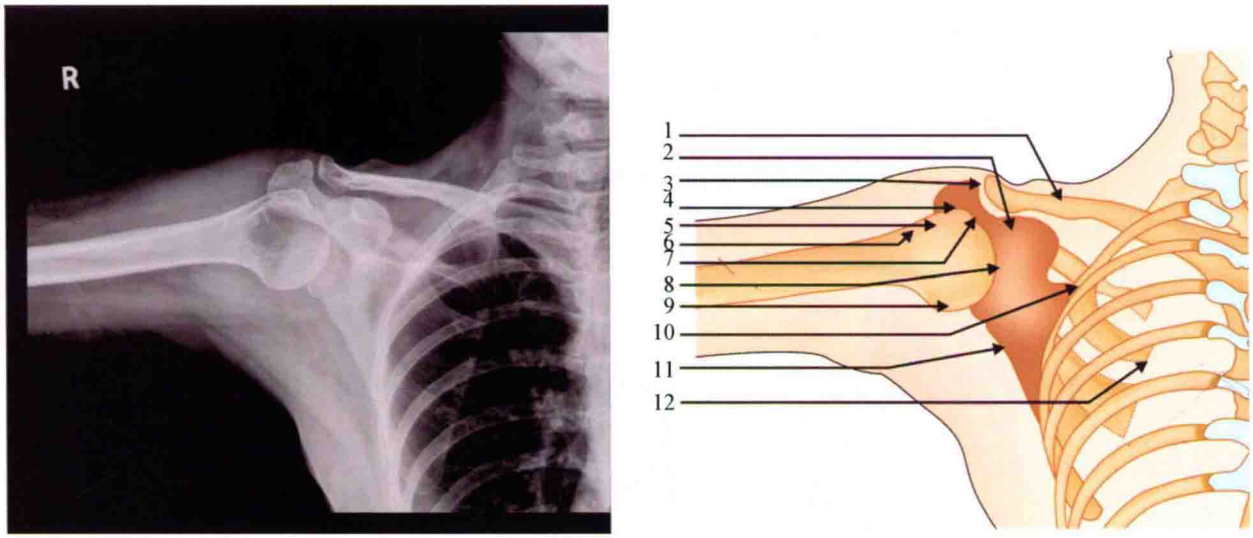


图10-2

1. 锁骨 Clavicle
2. 喙突 Coracoid process
3. 肩锁关节 Acromio-clavicular joint
4. 大结节 Greater tuberosity
5. 小结节 Lesser tuberosity
6. 结节间沟 Intertubercular sulcus
7. 肩峰 Acromion process
8. 关节盂 Glenoid fassa
9. 肱骨头 Humerus, head
10. 肩胛冈 Scapular spine
11. 肩胛骨外侧缘 Scapula, lateral border
12. 肩胛骨内侧缘 Scapula, medial border

肩关节造影 MR 冠状位图像：由前至后



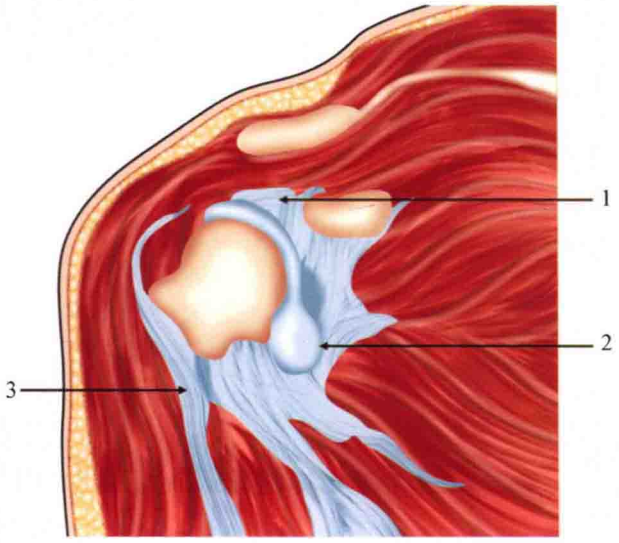


图10-3

1. 盂肱上韧带　Superior glenohumeral ligament
2. 盂肱下韧带　Inferior glenohumeral ligament
3. 肱二头肌肌腱，长头　Biceps tendon, long head



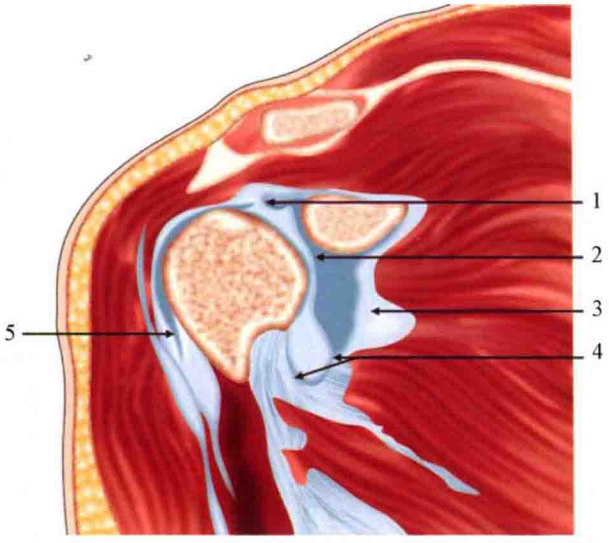


图10-4

1. 肱二头肌盂唇复合体　Biceps labral complex
2. 盂唇　Labrum
3. 肩胛下囊　Subscapularis bursa
4. 盂肱下韧带　Inferior glenohumeral ligament
5. 肱二头肌肌腱，长头　Biceps tendon, long head

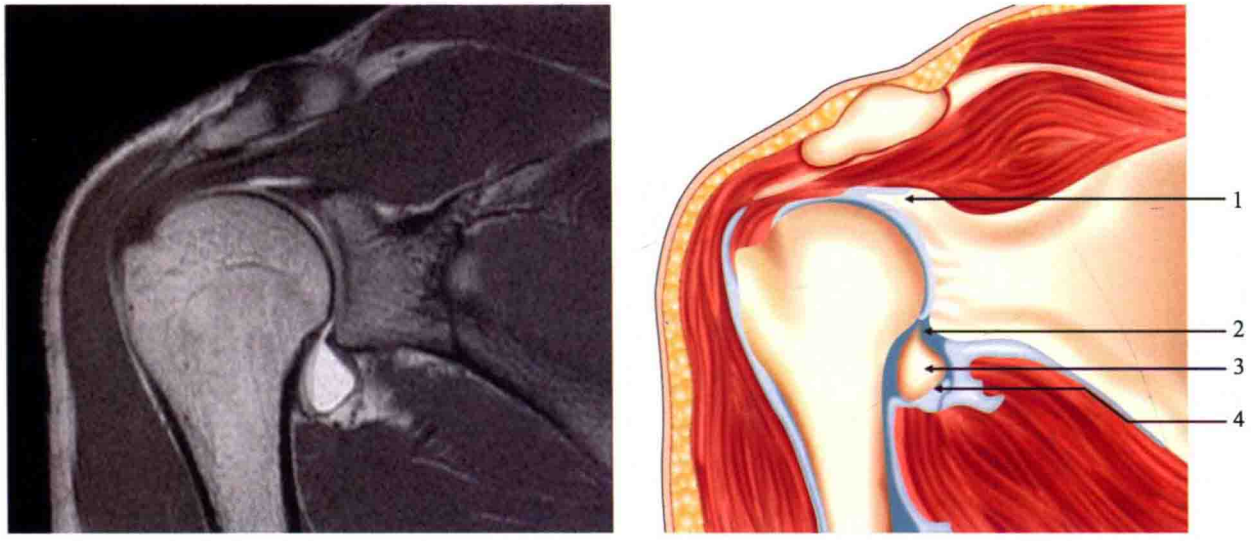


图10-5

1. 上盂唇　Superior labrum
2. 下盂唇　Inferior labrum
3. 腋下囊　Axillary pouch
4. 盂肱下韧带　Inferior glenohumeral ligament

肩关节造影 MR 矢状位图像：

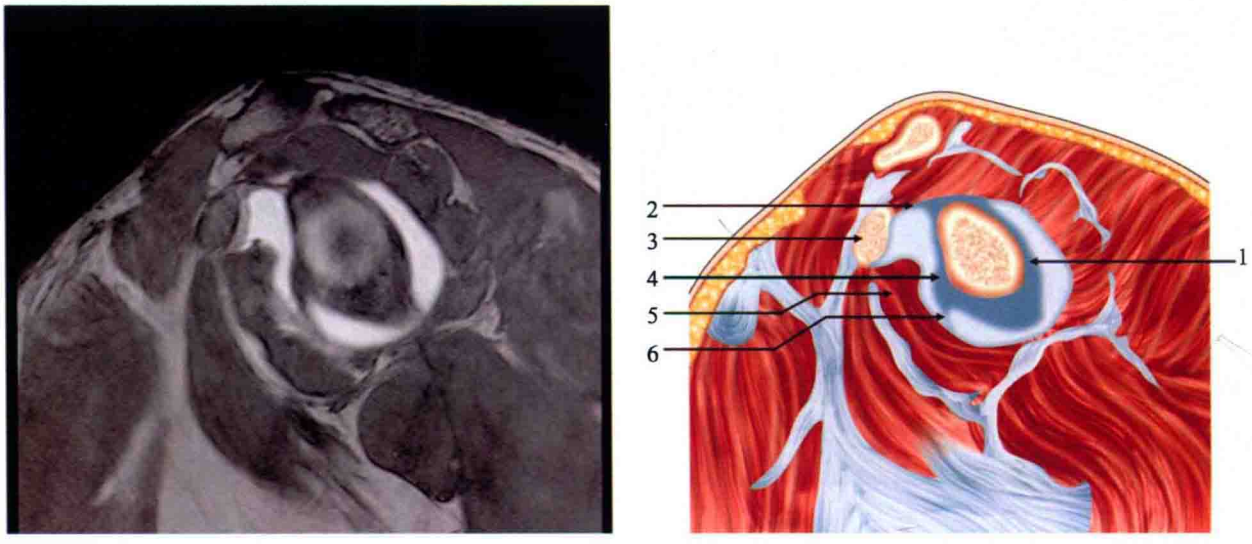
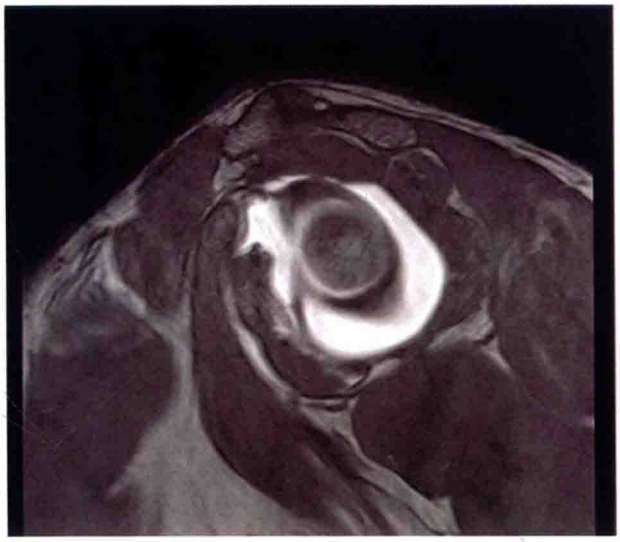


图10-6

1. 后盂唇　Posterior labrum
2. 盂肱上韧带　Superior glenohumeral ligament
3. 喙突　Coracoid process
4. 前盂唇　Anterior labrum
5. 肩胛下肌　Subscapularis
6. 盂肱中韧带　Middle glenohumeral ligament



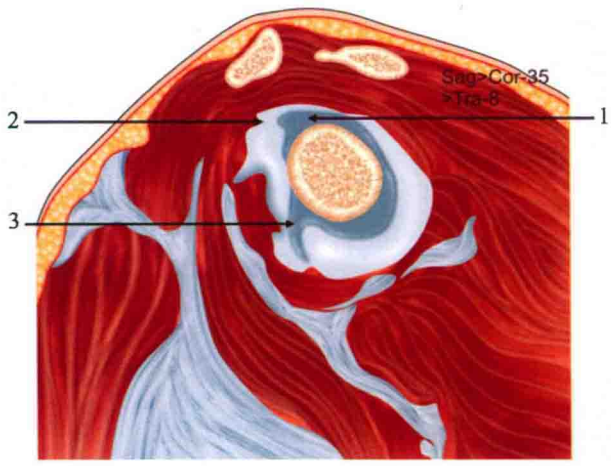
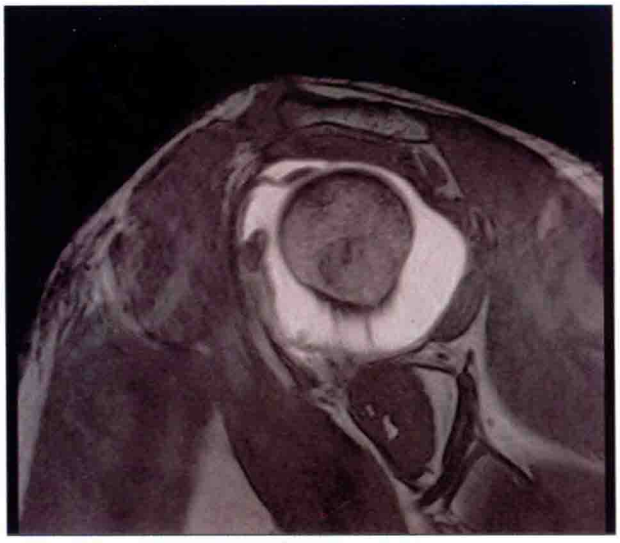


图10-7

1.肱二头肌盂唇复合体 Biceps labral complex
2.盂肱上韧带 Superior glenohumeral ligament
3.盂肱中韧带 Middle glenohumeral ligament



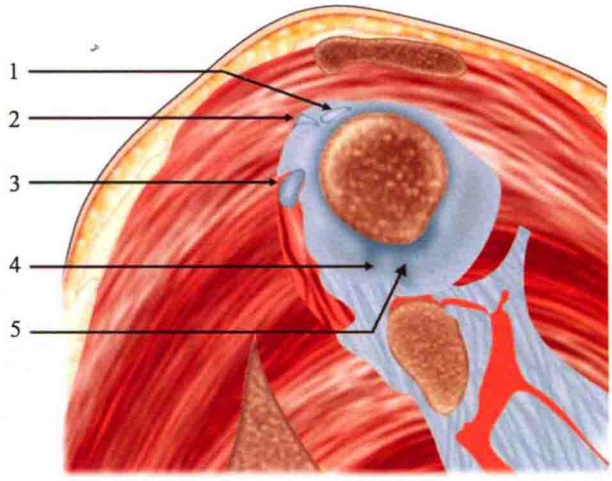
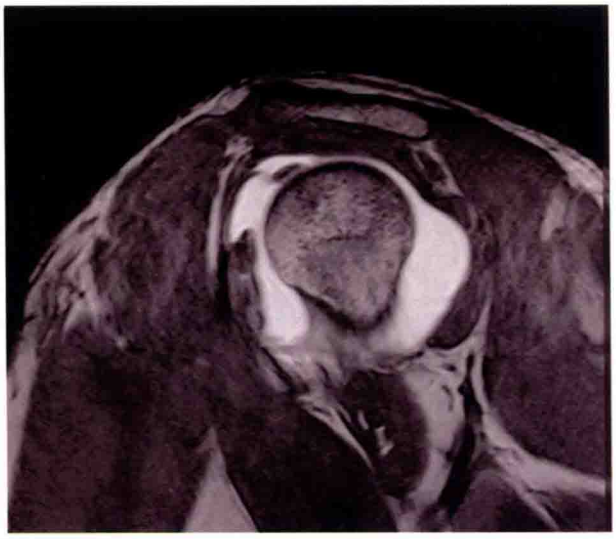


图10-8

1.肱二头肌腱 Biceps tendon
2.盂肱上韧带 Superior glenohumeral ligament
3.肩胛下肌腱 Subscapularis tendon
4.盂肱下韧带，前束 Inferior glenohumeral ligament, anterior band
5.盂肱下韧带，后束 Inferior glenohumeral ligament, posterior band



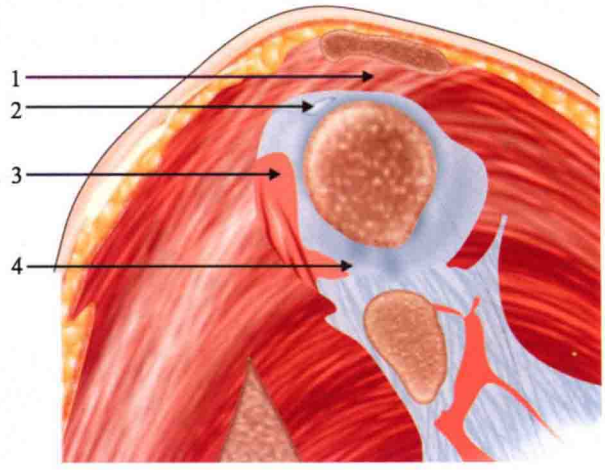


图10-9

1.冈上肌腱　Supraspinatus tendon
2.肱二头肌腱　Biceps tendon
3.肩胛下肌腱　Subscapularis tendon
4.盂肱下韧带，腋束　Inferior glenohumeral ligament, axillary band

肩关节 MR 轴位图像：由上至下



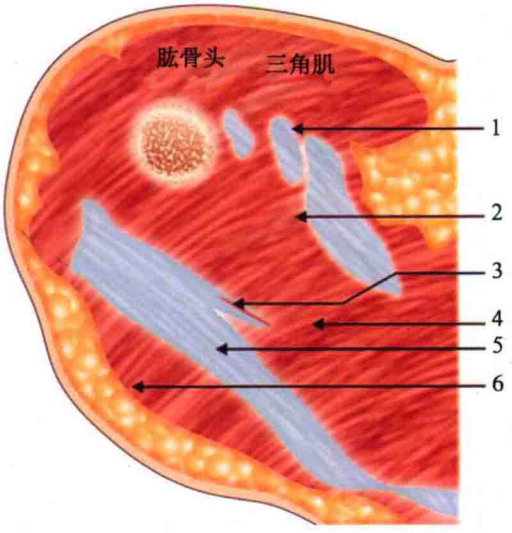


图10-10

1.喙突　Coracoid process
2.关节盂结节　Supraglenoid tuberosity
3.肩胛上动脉　Suprascapular artery
4.冈上肌　Supraspinatus
5.肩胛冈　Scapular spine
6.三角肌　Deltoid

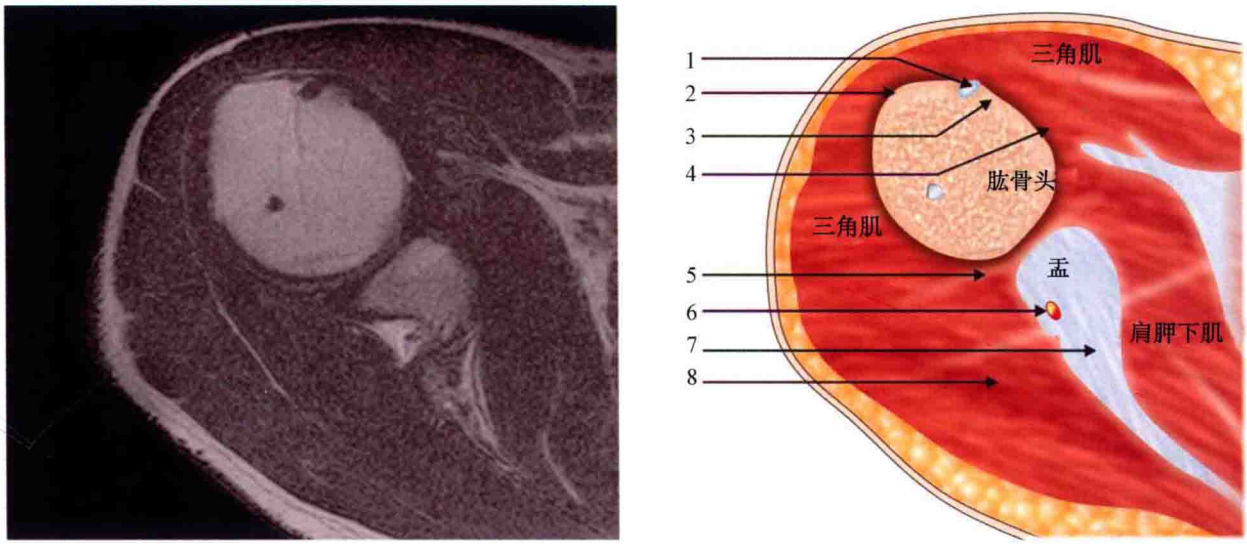


图10-11

1.肱二头肌腱，长头　Biceps tendon, long head
2.大结节　Greater tuberosity
3.小结节　Lesser tuberosity
4.肩胛下肌腱　Subscapularis, tendon
5.后盂唇　Posterior labrum
6.肩胛上动脉和神经　Suprascapular artery and nerve
7.肩胛骨体部　Scapular body
8.冈下肌　Infraspinatus

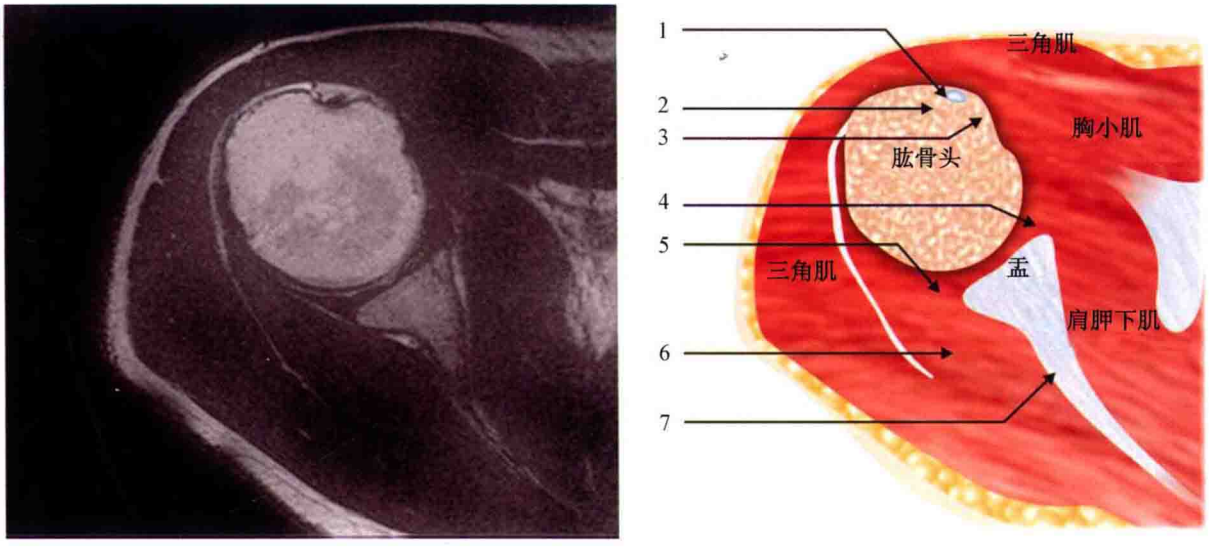
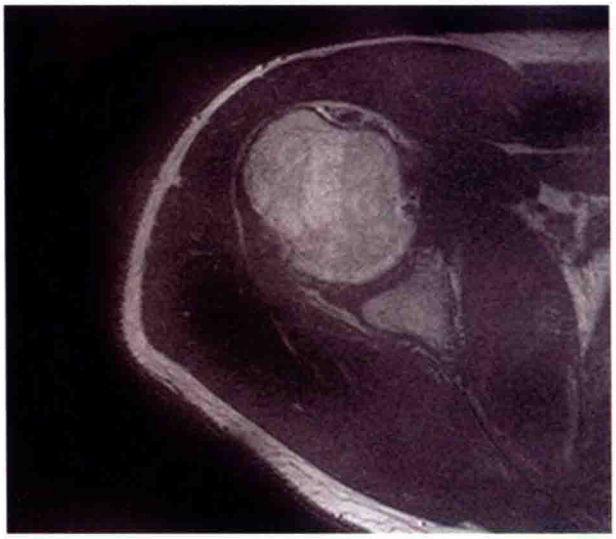


图10-12

1.肱二头肌腱，长头　Biceps tendon, long head
2.二头肌沟　Bicipital groove
3.小结节　Lesser tuberosity
4.前盂唇　Anterior labrum
5.后盂唇　Posterior labrum
6.冈下肌　Infraspinatus
7.肩胛骨　Scapula



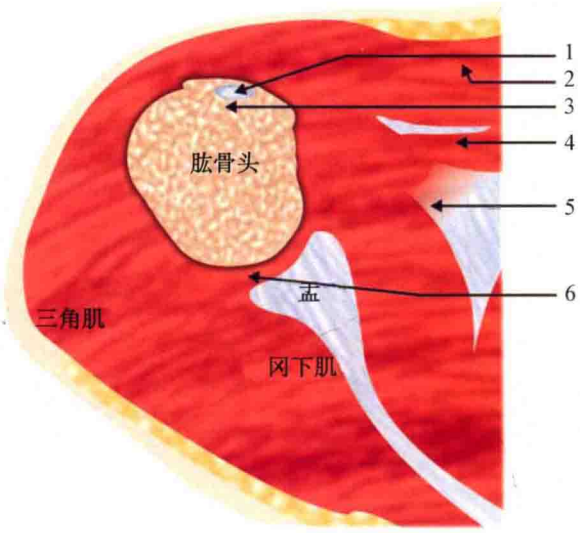
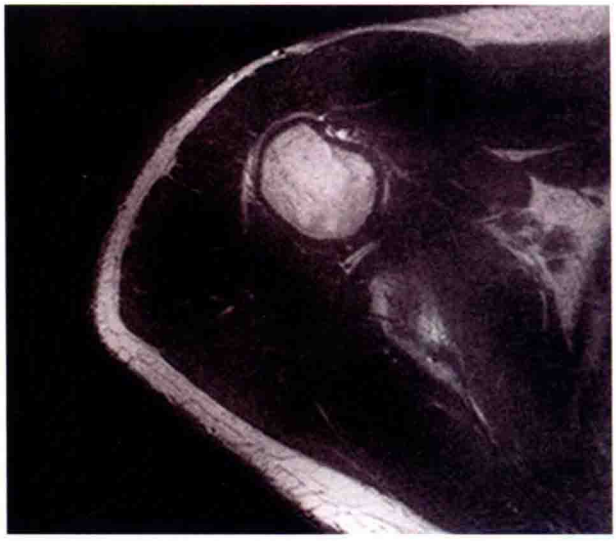


图10-13

1.肱二头肌腱，长头 Biceps tendon, long head
2.胸大肌 Pectoralis major
3.二头肌沟 Bicipital groove
4.胸小肌 Pectoralis minor
5.神经血管束 Neurovascular bundle
6.下盂唇 Inferior labrum



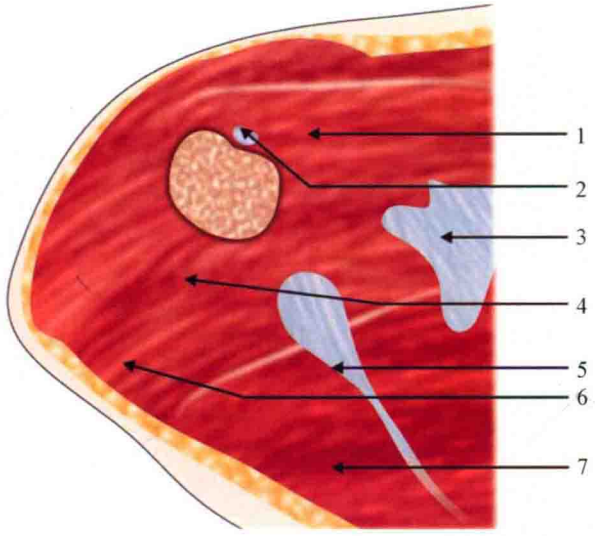


图10-14

1.喙肱肌，肱二头肌短头 Coracobrachialis, short head biceps
2.肱二头肌腱，长头 Biceps tendon, long head
3.神经血管束 Neurovascular bundle
4.小圆肌 Teres minor
5.肩胛骨 Scapula
6.三角肌 Deltoid
7.冈下肌 Infraspinatus

肩关节 MR 冠状位图像：由前至后



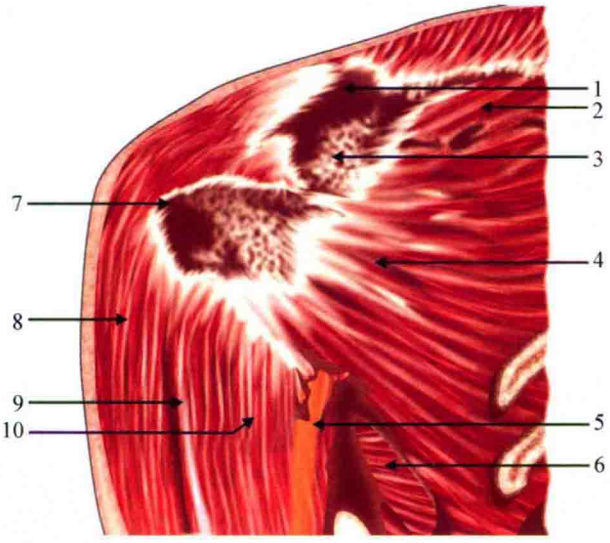
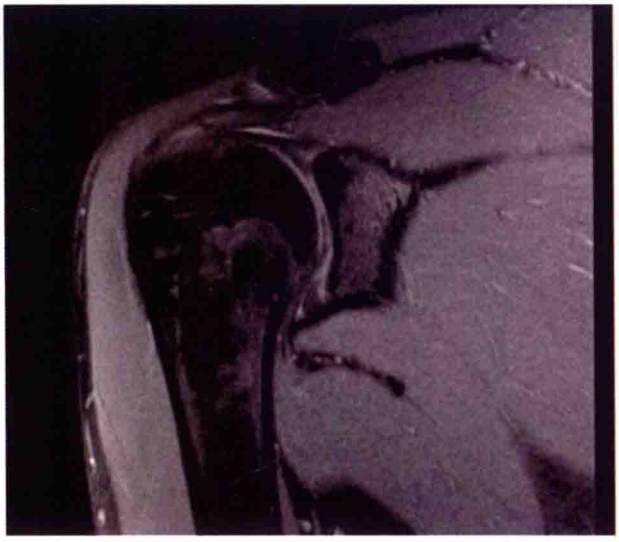


图10-15

1. 锁骨 Clavicle
2. 冈上肌 Supraspinatus
3. 喙突 Coracoid process
4. 肩胛下肌腱 Subscapularis muscle, tendon
5. 神经血管束 Neurovascular bundle
6. 背阔肌 Latissimus dorsi
7. 小结节 Lesser tuberosity
8. 三角肌 Deltoid
9. 肱二头肌肌腱，长头 Biceps tendon, long head
10. 肱二头肌 Biceps brachii



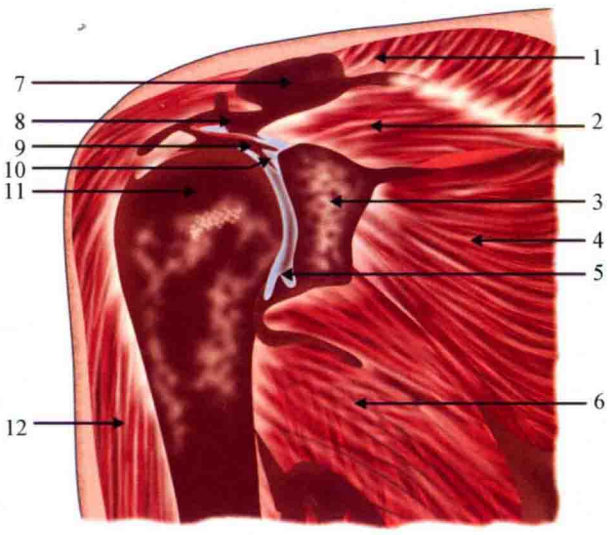
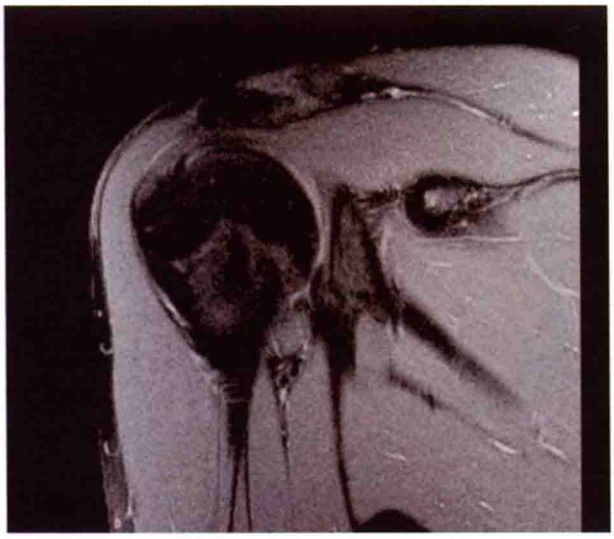


图10-16

1. 斜方肌 Trapezius
2. 冈上肌 Supraspinatus muscle
3. 关节盂 Glenoid
4. 肩胛下肌 Subscapularis
5. 下盂唇 Inferior labrum
6. 背阔肌和大圆肌 Latissimus dorsi and teres major
7. 锁骨 Clavicle
8. 冈上肌肌腱 Supraspinatus tendon
9. 肱二头肌 - 盂唇复合体 Biceps-labral complex
10. 上盂唇 Superior labrum
11. 肱骨头 Humerus, head
12. 三角肌 Deltoid



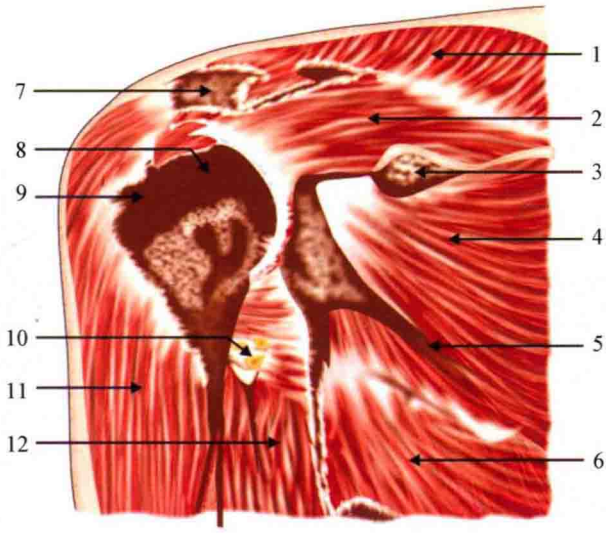
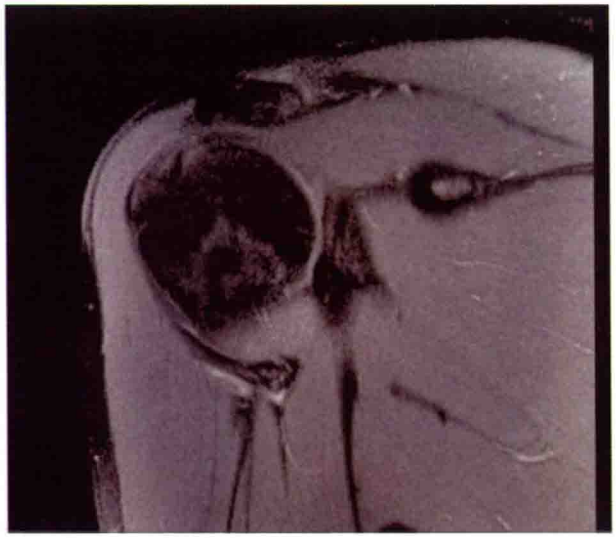


图10-17

1.斜方肌 Trapezius
2.冈上肌 Supraspinatus
3.肩胛冈 Scapular spine
4.冈下肌 Infraspinatus
5.肩胛骨 Scapula
6.小圆肌 Teres minor
7.肩峰 Acromion process
8.肱骨头 Humerus, head
9.大结节 Greater tuberosity
10.肱深血管，桡神经 Profunda brachii vessels, radial nerve
11.三角肌 Deltoid
12.肱三头肌，长头 Triceps, long head



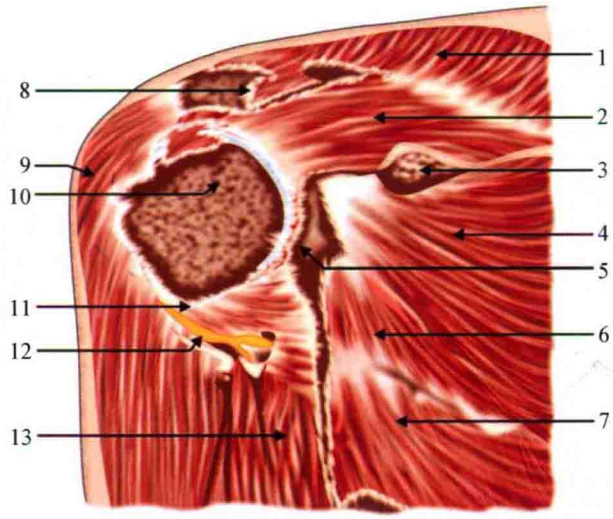


图10-18

1.斜方肌 Trapezius
2.冈上肌 Supraspinatus
3.肩胛冈 Scapular spine
4.冈下肌 Infraspinatus
5.盂唇 Labrum
6.小圆肌 Teres minor
7.大圆肌 Teres major
8.肩峰 Acromion process
9.三角肌 Deltoid
10.肱骨头 Humerus, head
11.外科颈 Surgical neck
12.旋后动脉，腋神经 Posterior circumflex artery, axillary nerve
13.肱三头肌 Triceps, long head



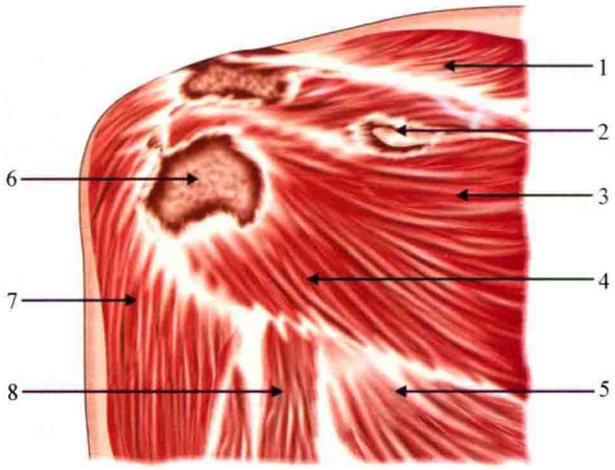


图10-19

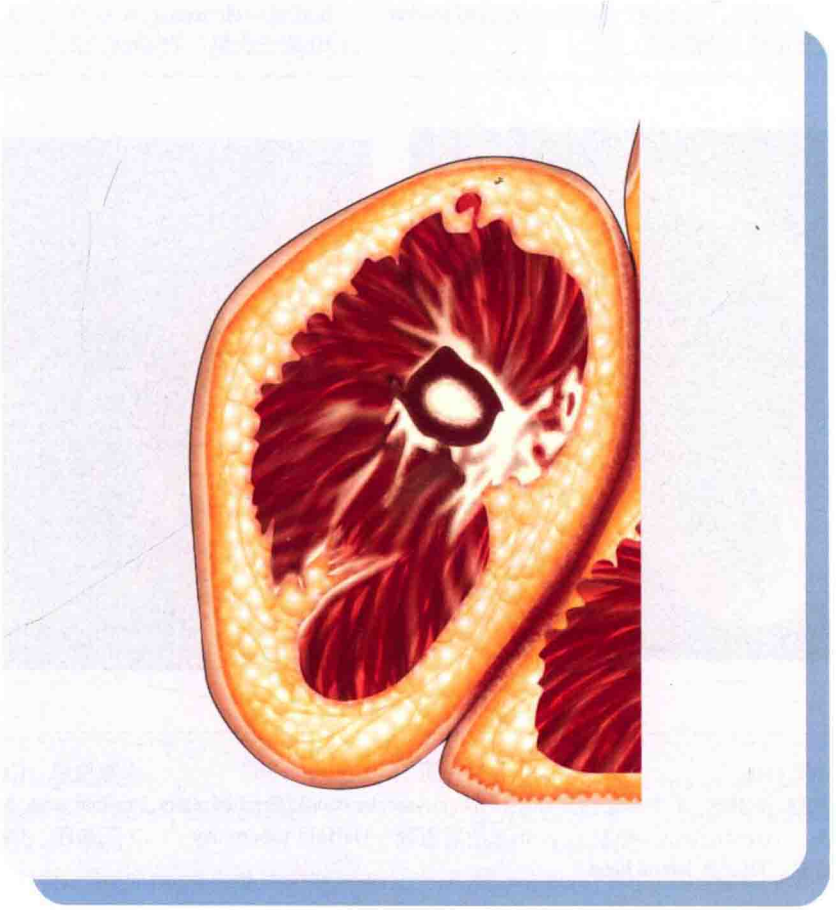
1. 斜方肌 Trapezius	2. 肩胛冈 Scapular spine
3. 冈下肌 Infraspinatus	4. 小圆肌 Teres minor
5. 大圆肌 Teres major	6. 肱骨头 Humerus, head
7. 三角肌 Deltoid	8. 肱三头肌 Triceps

CHAPTER 11

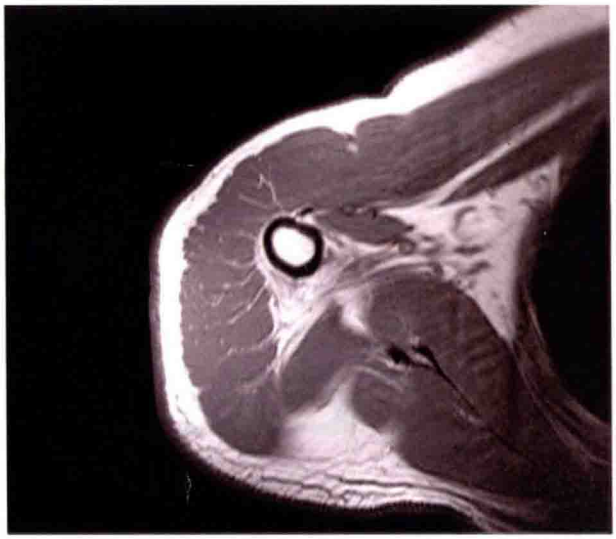
第11章

Arm and Forearm

臂和前臂



臂



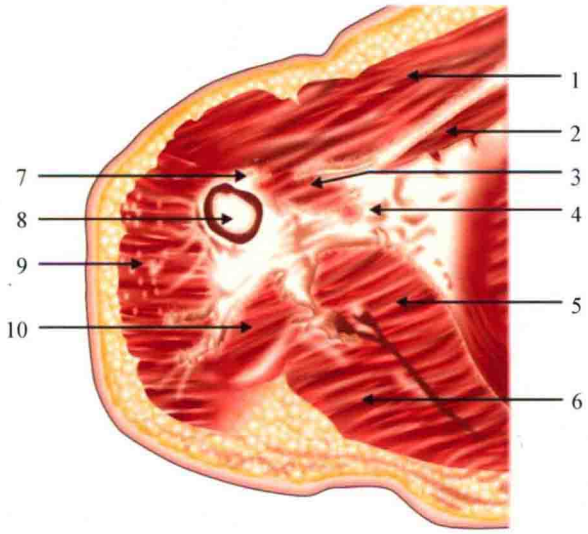


图11-1

1.胸大肌 Pectoralis major
2.胸小肌 Pectoralis minor
3.肱二头肌，短头 Biceps brachii, short head
4.神经血管束 Neurovascular bundle
5.肩胛下肌 Subscapularis
6.冈下肌 Infraspinatus
7.肱二头肌，长头腱 Biceps, long head tendon
8.肱骨 Humerus
9.三角肌 Deltoid
10.肱三头肌 Triceps



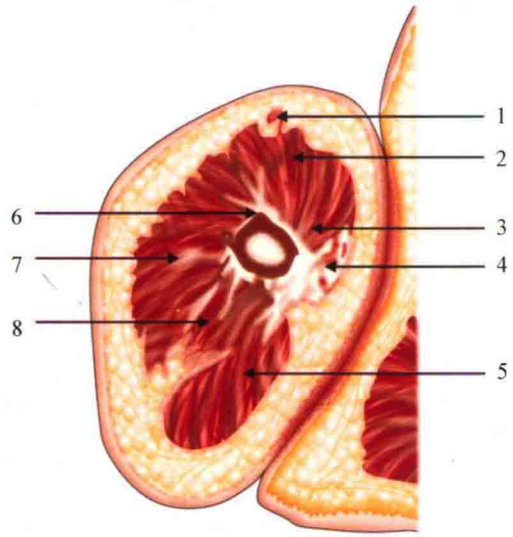


图11-2

1.头静脉 Cephalic vein
2.肱二头肌 Biceps brachii
3.喙肱肌 Coracobrachialis
4.神经血管束（肱动脉、肱静脉、正中神经和尺神经） Neurovascular bundle[Brachial artery, Brachial veins, Median and Ulnar nerves]
5.肱三头肌，长头 Triceps, long head
6.三角肌粗隆 Deltoid tuberosity
7.三角肌 Deltoid
8.肱三头肌，外侧头 Triceps, lateral head



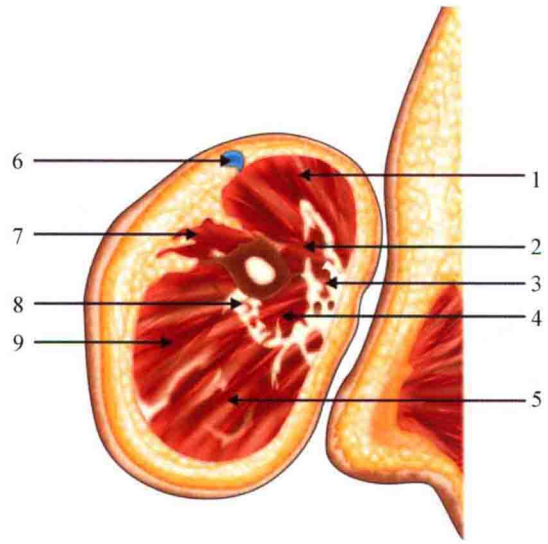


图11-3

1. 肱二头肌　Biceps brachii
2. 肱肌　Brachialis
3. 神经血管束　Neurovascular bundle
4. 肱三头肌，内侧头　Triceps, medial head
5. 肱三头肌，长头　Triceps, long head
6. 头静脉　Cephalic vein
7. 三角肌（附着部）　Deltoid insertion
8. 桡神经，肱深动脉　Radial nerve, deep brachial artery
9. 肱三头肌，外侧头　Triceps, lateral head



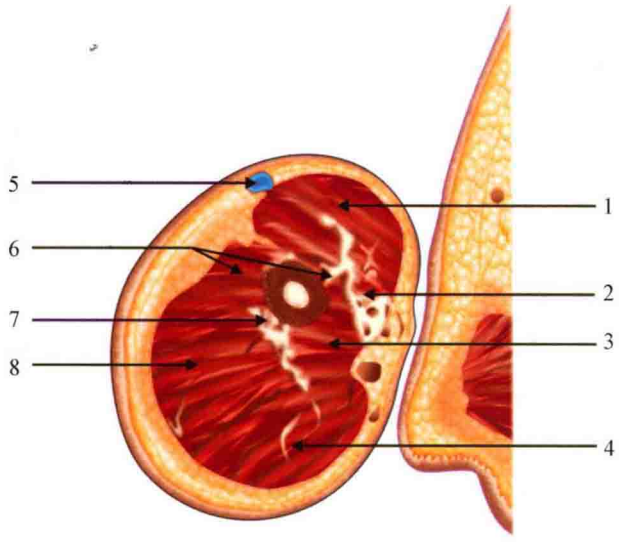


图11-4

1. 肱二头肌　Biceps brachii
2. 神经血管束　Neurovascular bundle
3. 肱三头肌，内侧头　Triceps, medial head
4. 肱三头肌，长头　Triceps, long head
5. 头静脉　Cephalic vein
6. 肱肌　Brachialis
7. 桡神经，肱深动脉　Radial nerve, deep brachial artery
8. 肱三头肌，外侧头　Triceps, lateral head

前臂



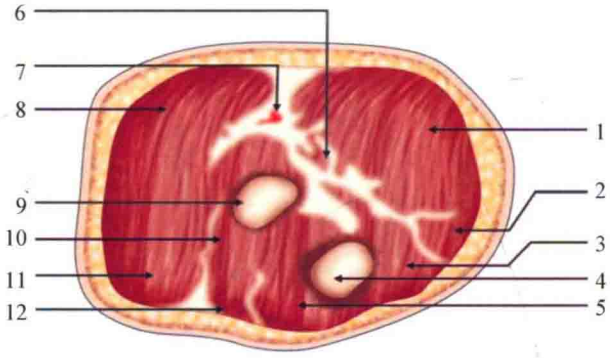


图11-5

1. 指浅屈肌 Flexor digitorum superficialis
2. 尺侧腕屈肌 Flexor carpi ulnaris
3. 指深屈肌 Flexor digitorum profundus
4. 尺骨 Ulna
5. 尺侧腕伸肌 Extensor carpi ulnaris
6. 尺动脉，尺神经 Ulnar artery, nerve
7. 桡动脉 Radial artery
8. 肱桡肌 Brachioradialis
9. 桡骨 Radius
10. 旋后肌 Supinator
11. 桡侧腕短伸肌 Extensor carpi radialis brevis
12. 指伸肌 Extensor digitorum



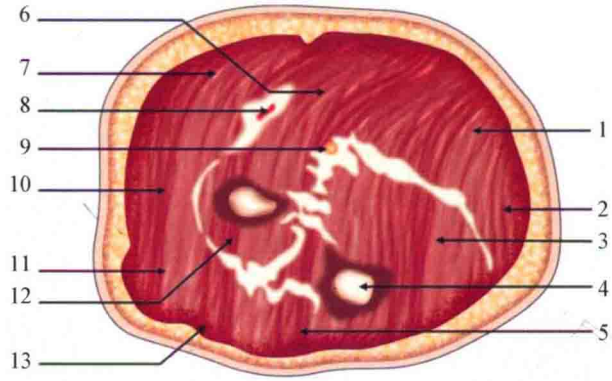
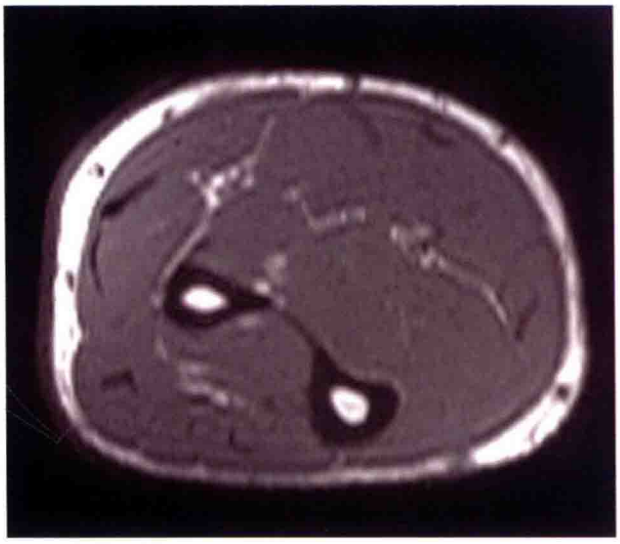


图11-6

1. 指浅屈肌 Flexor digitorum superficialis
2. 尺侧腕屈肌 Flexor carpi ulnaris
3. 指深屈肌 Flexor digitorum profundus
4. 尺骨 Ulna
5. 尺侧腕伸肌 Extensor carpi ulnaris
6. 桡侧腕屈肌 Flexor carpi radialis
7. 肱桡肌 Brachioradialis
8. 桡动脉 Radial artery
9. 正中神经 Median nerve
10. 桡侧腕长伸肌 Extensor carpi longus
11. 桡侧腕短伸肌 Extensor carpi radialis brevis
12. 旋后肌 Supinator
13. 指伸肌 Extensor digitorum



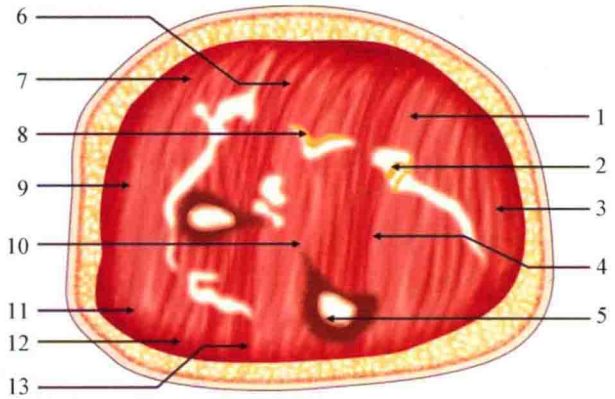


图11-7

1.指浅屈肌 Flexor digitorum superficialis
2.尺神经 Ulnar nerve
3.尺侧腕屈肌 Flexor carpi ulnaris
4.指深屈肌 Flexor digitorum profundus
5.尺骨 Ulna
6.桡侧腕屈肌 Flexor carpi radialis
7.肱桡肌 Brachioradialis
8.正中神经 Median nerve
9.桡侧腕长伸肌 Extensor carpi radialis longus
10.骨间膜 Interosseous membrane
11.桡侧腕短伸肌 Extensor carpi radialis brevis
12.指伸肌 Extensor digitorum
13.尺侧腕伸肌 Extensor carpi ulnaris



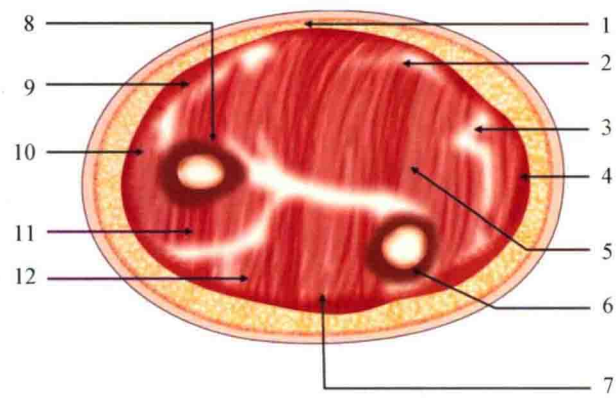


图11-8

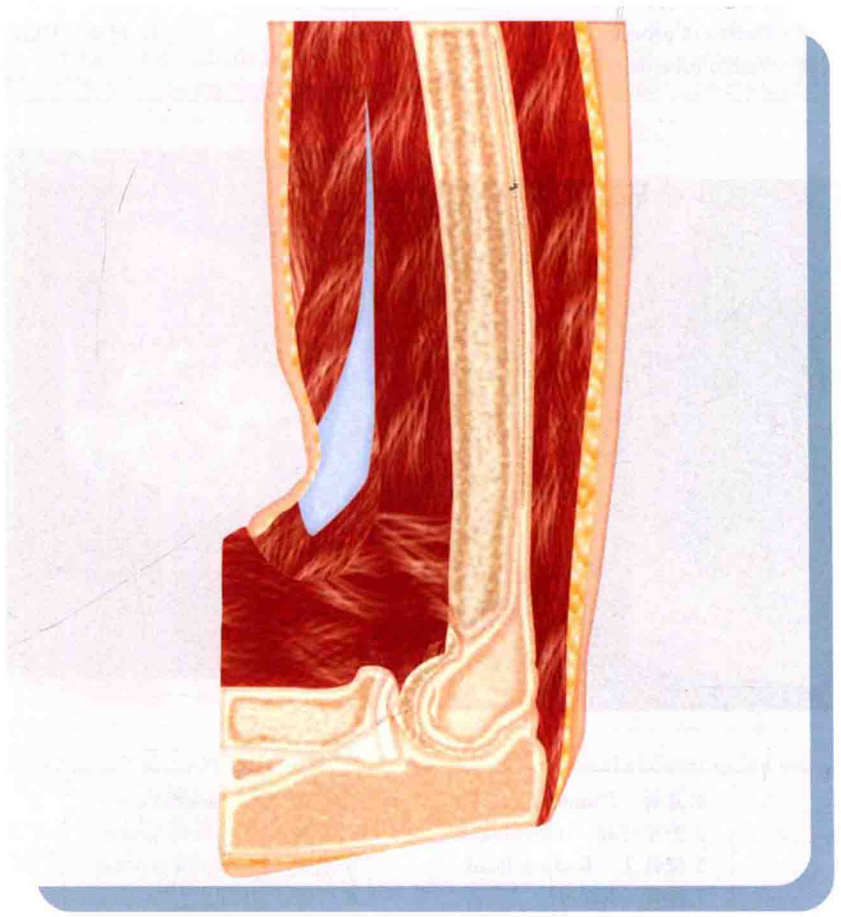
1.掌长肌 Palmaris longus
2.指浅屈肌 Flexor digitorum superficialis
3.尺动脉,尺神经 Ulnar artery, nerve
4.尺侧腕屈肌 Flexor carpi ulnaris
5.指深屈肌 Flexor digitorum profundus
6.尺骨 Ulna
7.尺侧腕伸肌 Extensor carpi ulnaris
8.桡骨 Radius
9.桡动脉 Radial artery
10.桡侧腕伸肌 Extensor carpi radialis
11.拇长展肌 Abductor pollicis longus
12.指伸肌 Extensor digitorum

CHAPTER 12

第12章

Elbow

肘关节



X线图像



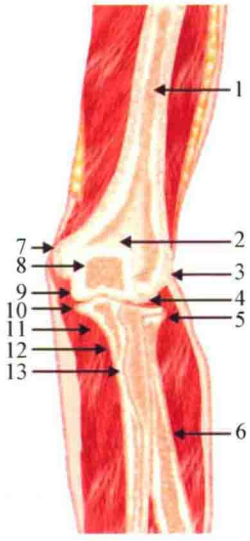


图12-1

1.肱骨 Humerus
2.鹰嘴窝 Olecranon fossa
3.外上髁 Lateral epicondyle
4.肱骨小头 Capitulum
5.桡骨头 Radius, head
6.桡骨 Radius
7.内上髁 Medial epicondyl
8.鹰嘴 Olecranon process
9.滑车 Trochlea
10.尺骨冠突 Coronoid process, ulna
11.肌肉 Muscle
12.尺骨 Ulna
13.桡骨粗隆 Radial tuberosity



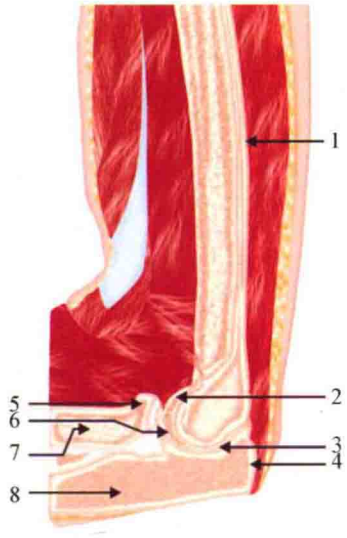


图12-2

1.肱骨 Humerus
2.肱骨小头 Capitulum
3.滑车切迹 Trochlear notch
4.鹰嘴 Olecranon process
5.桡骨头 Radius, head
6.冠突 Coronoid process
7.桡骨 Radius
8.尺骨 Ulna

轴位图像



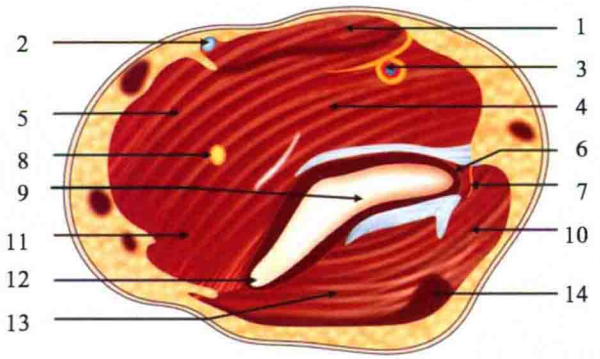


图12-3

1.肱二头肌 Biceps brachii
2.头静脉 Cephalic vein
3.肱动脉、静脉，正中神经 Brachial artery, vein, median nerve
4.肱肌 Brachialis
5.肱桡肌 Brachioradialis
6.内侧髁上嵴 Medial supracondylar ridge
7.尺神经 Ulnar nerve
8.桡神经 Radial nerve
9.肱骨 Humerus
10.肱三头肌，长头 Triceps, long head
11.桡侧腕长伸肌 Extensor carpi radialis longus
12.外侧髁上嵴 Lateral supracondylar ridge
13.肱三头肌，内侧头和外侧头 Tricep, medial and lateral heads
14.肱三头肌腱 Triceps tendon



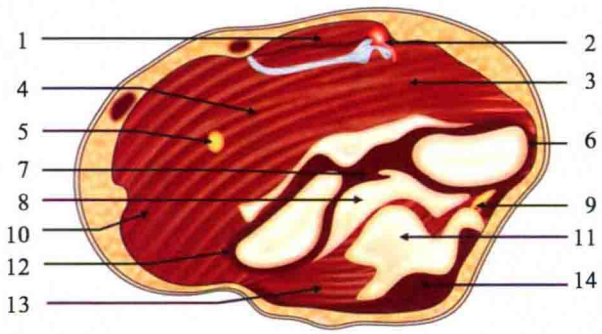
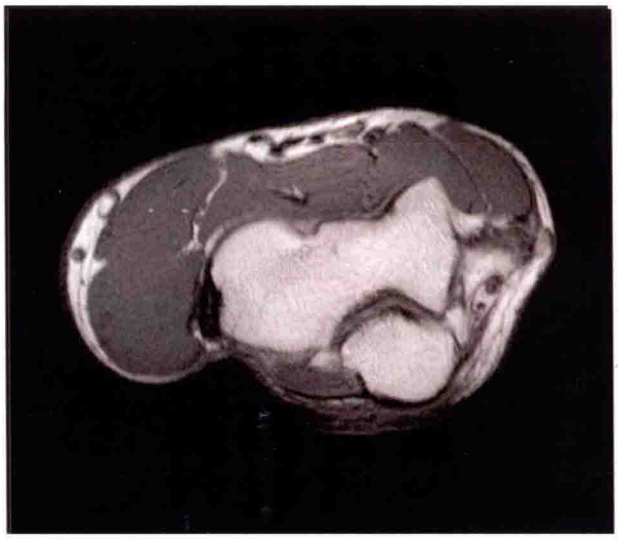


图12-4

1.肱二头肌 Biceps brachii
2.神经血管束（肱动脉、静脉、正中神经） Neurovascular bundle (brachial artery, vein, medial nerve)
3.肱肌 Brachialis
4.肱桡肌 Brachioradialis
5.桡神经 Radial nerve
6.内侧髁上嵴 Medial supracondylar ridge
7.鹰嘴窝 Olecranon fossa
8.后脂肪垫 Post fat pad
9.尺神经 Ulnar nerve
10.桡侧腕长伸肌 Extensor carpi radialis longus
11.鹰嘴 Olecranon process
12.外侧髁上嵴 Lateral supracondylar ridge
13.肱三头肌 Triceps muscle
14.肱三头肌腱 Triceps tendon



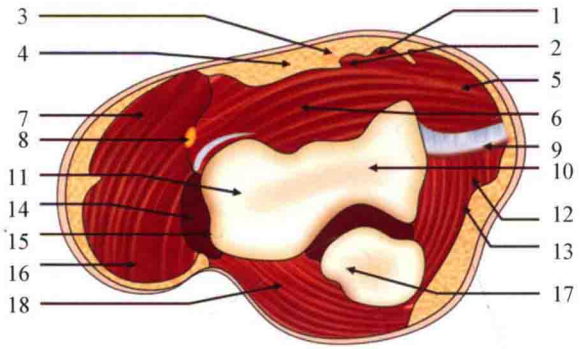
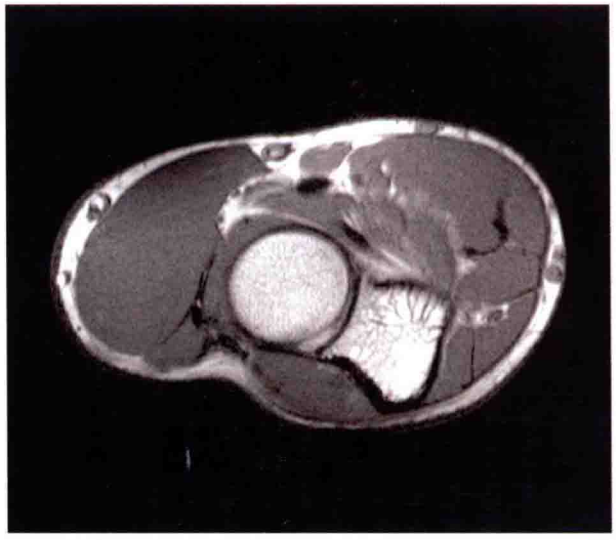


图12-5

1.正中神经 Median nerve
2.肱动脉 Brachial artery
3.肱二头肌腱膜 Bicipital aponeurosis
4.肱二头肌肌腱 Biceps brachii tendon
5.旋前圆肌 Pronator teres
6.肱肌 Brachialis
7.肱桡肌 Brachioradialis
8.桡神经 Radial nerve
9.屈肌总腱 Common flexor tendon
10.滑车 Trochlea
11.肱骨小头 Capitulum
12.内上髁 Medial epicondyle
13.尺神经 Ulnar nerve
14.伸肌总腱 Common extensor tendon
15.外上髁 Lateral epicondyle
16.桡侧腕长伸肌 Extensor carpi radialis longus
17.鹰嘴 Olecranon process
18.肘肌 Anconeus



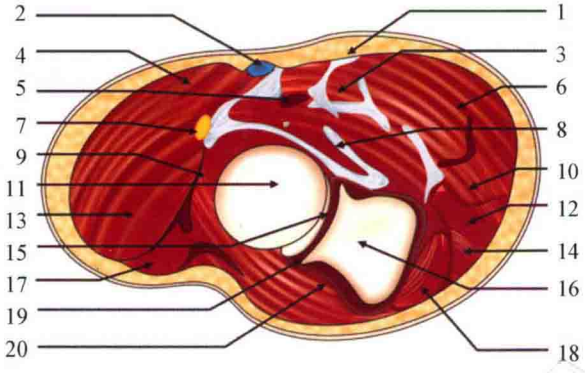


图12-6

1.肱二头肌腱膜 Bicipital aponeurosis
2.头静脉 Cephalic vein
3.肱动脉 Brachial artery
4.肱桡肌 Brachioradialis
5.肱二头肌腱 Biceps brachii tendon
6.旋前圆肌 Pronator teres
7.桡神经 Radial nerve
8.肱肌及肌腱 Brachialis muscle and tendon
9.旋后肌 Supinator
10.掌长肌 Palmaris longus
11.桡骨头 Radius, head
12.尺神经 Ulnar nerve
13.桡侧腕长伸肌 Extensor carpi radialis longus
14.指浅屈肌 Flexor digitorum superficialis
15.尺骨桡切迹 Radial notch
16.尺骨 Ulna
17.指伸肌 Extensor digitorum
18.尺侧腕屈肌 Flexor carpi ulnaris
19.旋后肌嵴 Supinator crest
20.肘肌 Anconeus

冠状位图像



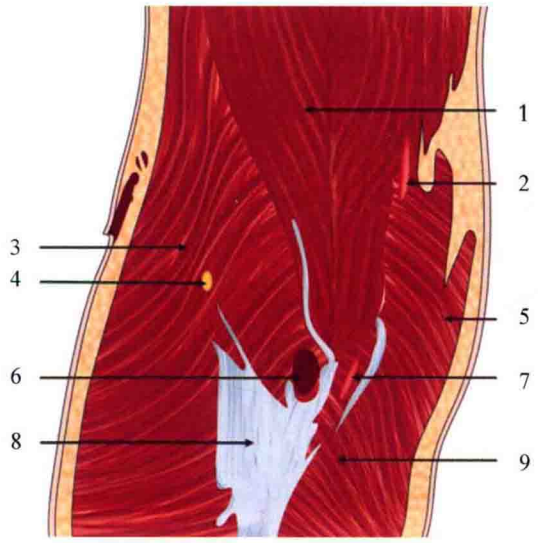


图12-7

1.肱肌 Brachialis
2.肱动脉 Brachial artery
3.肱桡肌 Brachioradialis
4.桡神经 Radial nerve
5.旋前圆肌 Pronator teres
6.肱二头肌腱 Biceps tendon
7.尺动脉 Ulnar artery
8.旋后肌 Supinator
9.桡侧腕屈肌 Flexor carpi radialis



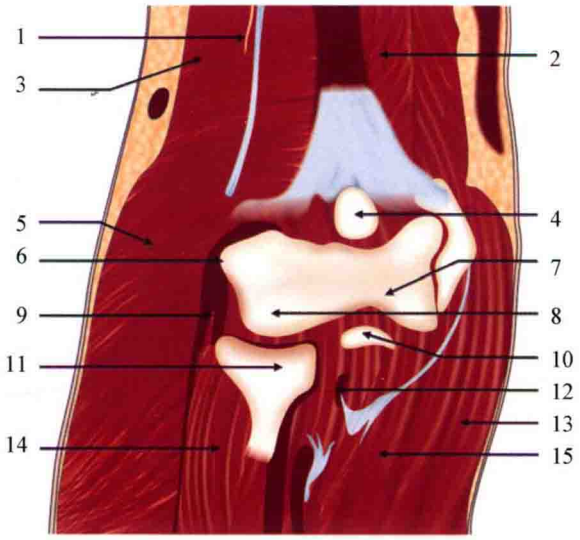
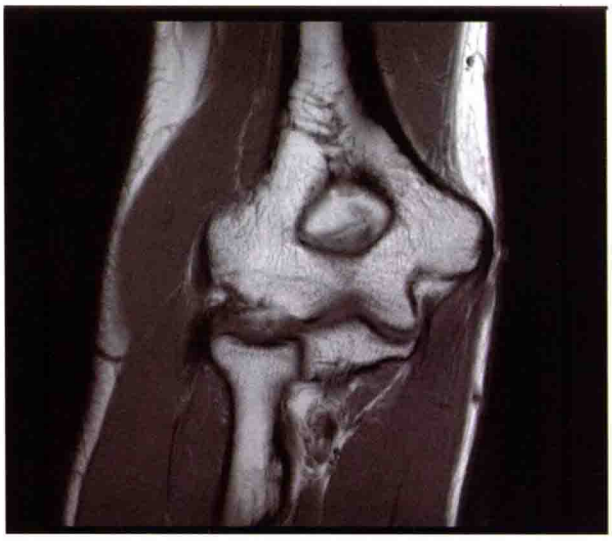


图12-8

1.桡神经 Radial nerve
2.肱肌 Brachialis
3.肱桡肌 Brachioradialis
4.鹰嘴窝 Olecranon fossa
5.桡侧腕长伸肌 Extensor carpi radialis longus
6.外上髁 Lateral epicondyle
7.滑车 Trochlea
8.肱骨小头 Capitulum
9.伸肌总腱 Common extensor tendon
10.冠突 Coronoid process
11.桡骨头 Radius, head
12.肱肌腱 Brachialis muscle, tendon
13.尺侧腕屈肌 Flexor carpi ulnaris
14.旋后肌 Supinator muscle
15.指浅屈肌 Flexor digitorum superficialis



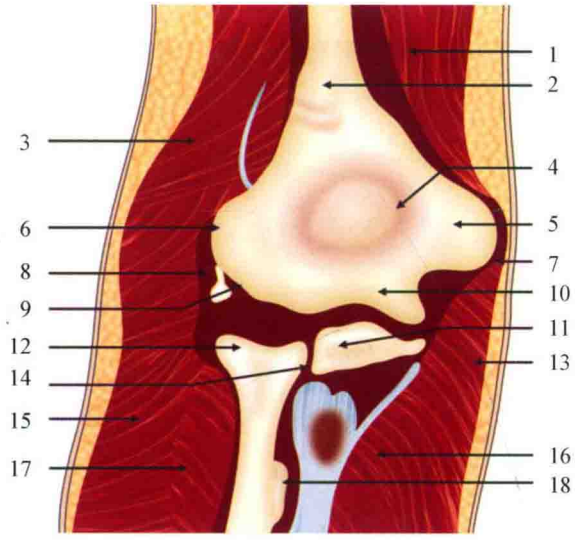


图12-9

1. 肱三头肌 Triceps
2. 肱骨 Humerus
3. 桡侧腕长伸肌 Extensor carpi radialis longus
4. 鹰嘴窝 Olecranon fossa
5. 内上髁 Medial epicondyle
6. 外上髁 Lateral epicondyle
7. 屈肌总腱 Common flexor tendon
8. 伸肌 总腱 Common extensor tendon
9. 肱骨小头 Capitulum
10. 滑车 Trochlea
11. 冠突 Coronoid process
12. 桡骨头 Radius, head
13. 尺侧腕屈肌 Flexor carpi ulnaris
14. 桡尺近侧关节 Radioulnar joint
15. 尺侧腕短伸肌 Extensor carpi radialis brevis
16. 指深屈肌 Flexor digitorum profundus
17. 旋后肌 Supinator
18. 桡骨粗隆 Radial tuberosity



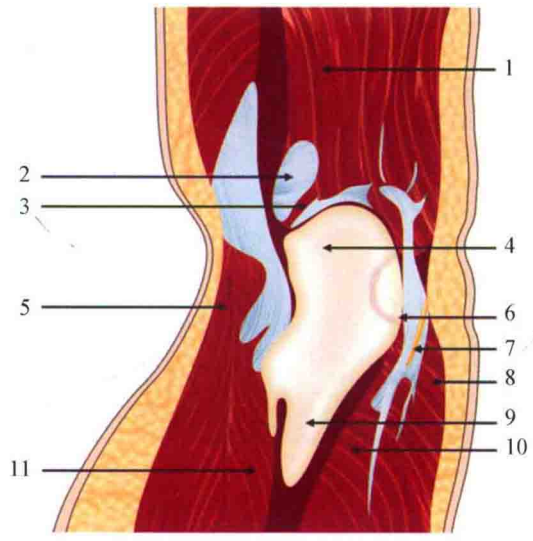
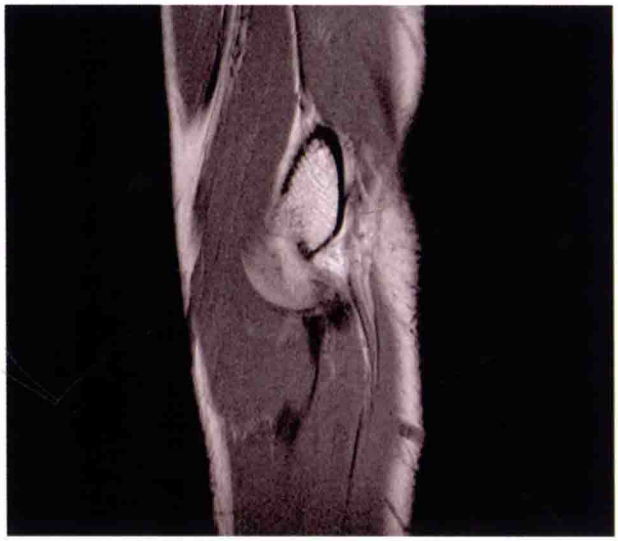


图12-10

1. 肱三头肌 Triceps
2. 肱骨 Humerus
3. 鹰嘴窝 Olecranon fossa
4. 鹰嘴 Olecranon process
5. 肘肌 Anconeus
6. 冠突 Coronoid process
7. 尺神经 Ulnar nerve
8. 尺侧腕屈肌 Flexor carpi ulnaris
9. 尺骨干 Ulnar shaft
10. 指深屈肌 Flexor digitorum profundus
11. 伸肌群 Extensor muscles

矢状位图像



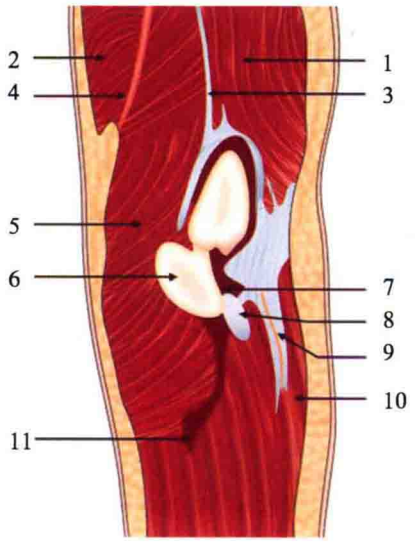


图12-11

1. 肱三头肌 Triceps
2. 肱二头肌 Biceps brachii
3. 内侧肌间隔 Medial intermuscular septum
4. 肱动脉 Brachial artery
5. 肱肌 Brachialis muscle
6. 滑车 Trochlea
7. 内上髁 Medial epicondyle
8. 屈肌总腱 Common flexor tendon
9. 尺神经 Ulnar nerve
10. 尺侧腕屈肌 Flexor carpi ulnaris
11. 浅屈肌 Superficial flexor muscles



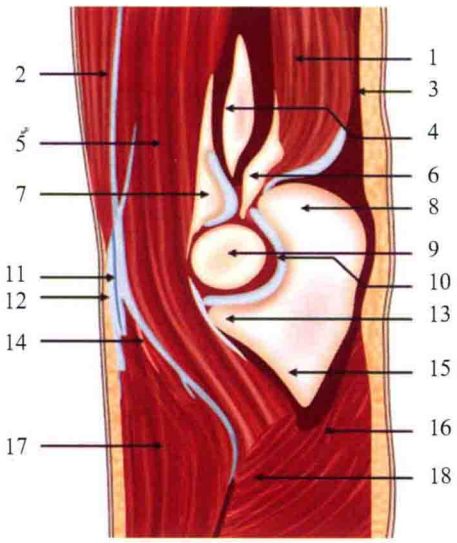


图12-12

1. 肱三头肌 Triceps
2. 肱二头肌 Biceps brachii
3. 肱三头肌腱 Triceps tendon
4. 肱骨 Humerus
5. 肱肌 Brachialis
6. 鹰嘴窝和后脂肪垫 Olecranon fossa and posterior fat pad
7. 前脂肪垫 Anterior fat pad
8. 鹰嘴突 Olecranon process
9. 滑车 Trochlea
10. 滑车切迹 Trochlear notch
11. 头静脉 Cephalic vein
12. 肱二头肌腱膜 Bicipital aponeurosis
13. 冠突 Coronoid process
14. 肱动脉 Brachial artery
15. 尺骨 Ulna
16. 尺侧腕屈肌 Flexor carpi ulnaris
17. 浅屈肌 Superficial flexor muscles
18. 指深屈肌 Flexor digitorum profundus



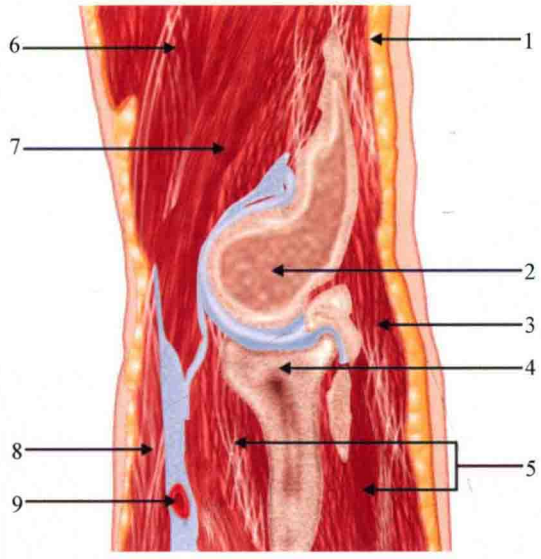


图12-13

1.肱三头肌 Triceps
2.肱骨小头 Capitulum
3.肘肌 Anconeus
4.桡骨头 Radius, head
5.旋后肌 Supinator
6.肱桡肌 Brachioradialis
7.桡侧腕长伸肌 Extensor carpi radialis longus
8.肱桡肌 Brachioradialis
9.桡动脉 Radial artery



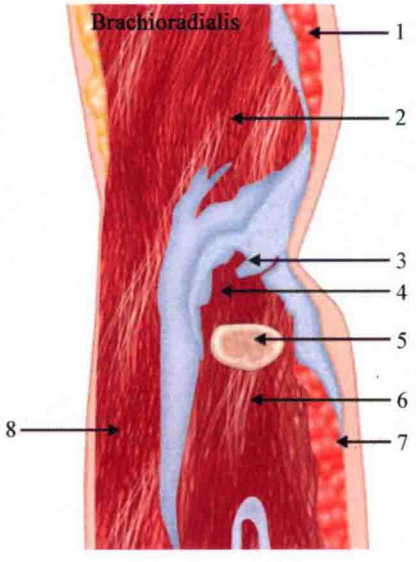


图12-14

1.肱三头肌 Triceps
2.桡侧腕长伸肌 Extensor carpi radialis longus
3.外上髁 Lateral epicondyle
4.伸肌总腱 Common extensor tendon
5.桡骨头 Radius, head
6.旋后肌 Supinator
7.指伸肌 Extensor digitorum
8.肱桡肌 Brachioradialis

CHAPTER 13

第13章

Wrist

腕关节



X线





图 13-1

1.远节指骨 Distal phalanx
2.中节指骨 Middle phalanx
3.近节指骨 Proximal phalanx
4.拇指远节指骨 Distal phalanx, thumb
5.拇指近节指骨 Proximal phalanx, thumb
6.籽骨 Sesamoid bone
7.小多角骨 Trapezoid
8.大多角骨 Trapezium
9.手舟骨 Scaphoid
10.桡骨茎突 Styloid process of radius
11.桡骨 Radius
12.第5掌骨头 Head, fifth metacarpal
13.第4掌骨 Fourth metacarpal
14.第5掌骨基底部 Base, fifth metacarpal
15.头状骨 Capitate
16.钩骨 Hamate
17.三角骨 Triquetral
18.豌豆骨 Pisiform
19.月骨 Lunate
20.尺骨茎突 Styloid process of ulna
21.桡尺远侧关节 Inferior radioulnar joint
22.尺骨 Ulna



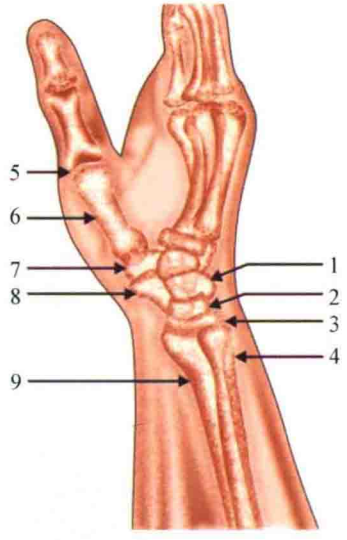


图 13-2

1. 头状骨 Capitate
2. 月骨 Lunate
3. 尺骨茎突 Styloid process
4. 尺骨 Ulna
5. 掌指关节 Metacarpophalangeal joint
6. 第 1 掌骨 First metacarpal
7. 大多角骨 Trapezium
8. 手舟骨 Scaphoid
9. 桡骨 Radius

轴位图像



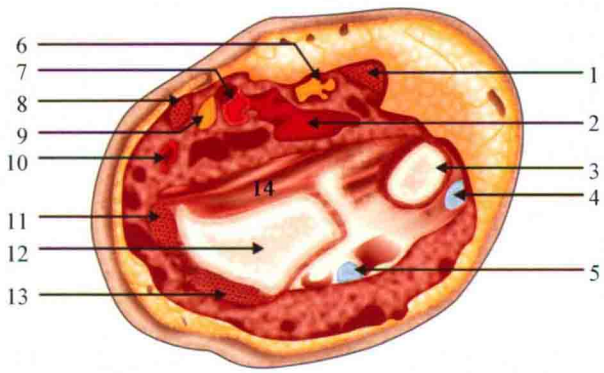


图13-3

1. 尺侧腕屈肌 Flexor carpi ulnaris
2. 指深屈肌 Flexor digitorum profundus
3. 尺骨 Ulna
4. 尺侧腕伸肌腱 Extensor carpi ulnaris tendon
5. 指伸肌腱 Extensor digitorum tendons
6. 尺动脉，神经 Ulnar artery, nerve
7. 指浅屈肌 Flexor digitorum superficialis
8. 桡侧腕屈肌 Flexor carpi radialis
9. 正中神经 Median nerve
10. 桡动脉 Radial artery
11. 拇长展肌 Abductor pollicis longus
12. 桡骨 Radius
13. 桡侧腕长、短伸肌 Extensor carpi radialis longus,brevis
14. 旋前方肌 Pronator quadratus



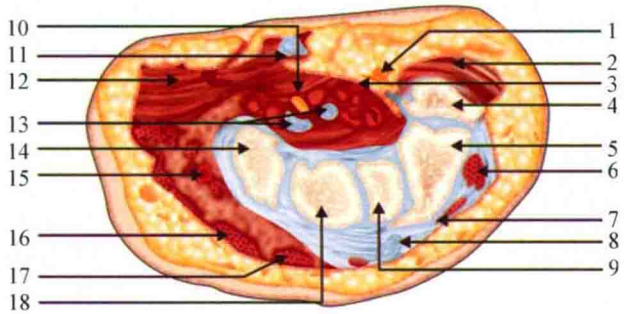


图13-4

1. 尺动脉，神经 Ulnar artery, nerve
2. 小指展肌 Abductor digiti minimi
3. 屈肌支持带 Flexor retinaculum
4. 豌豆骨 Pisiform
5. 三角骨 Triquetrum
6. 尺侧腕伸肌 Extensor carpi ulnaris
7. 伸肌支持带 Extensor retinaculum
8. 指伸肌腱 Extensor digitorum tendons
9. 钩骨 Hamate
10. 正中神经 Median nerve
11. 掌长肌 Palmaris longus tendon
12. 拇短展肌 Abductor pollicis brevis
13. 指屈肌腱 Flexor digitorum tendons
14. 手舟骨 Scaphoid
15. 桡动脉 Radial artery
16. 桡侧腕长、短伸肌 Extensor carpi radialis longus, brevis
17. 拇长展肌 Extensor pollicis longus
18. 头状骨 Capitate



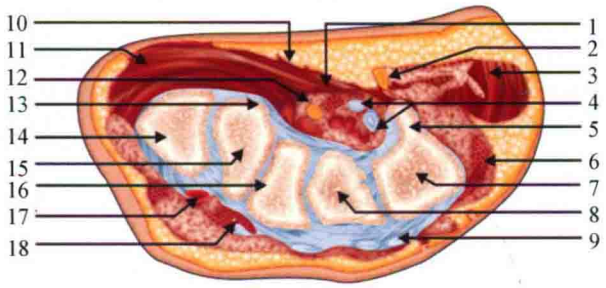
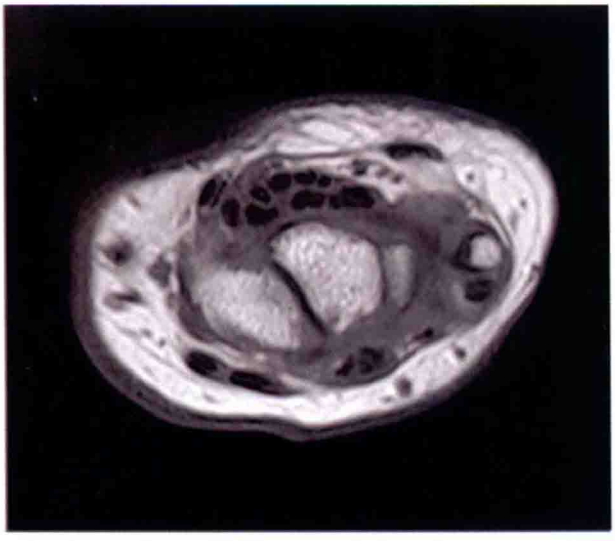


图 13-5

1. 屈肌支持带　Flexor retinaculum
2. 尺神经　Ulnar nerve
3. 小指展肌　Abductor digiti minimi
4. 屈肌腱　Flexor tendons
5. 钩骨钩　Hook of Hamate
6. 尺侧腕伸肌　Extensor carpi ulnaris
7. 钩骨　Hamate
8. 头状骨　Capitate
9. 伸肌腱　Extensor tendons
10. 掌腱膜　Palmar aponeurosis
11. 拇短展肌　Abductor pollicis brevis
12. 正中神经　Median nerve
13. 大多角骨结节　Tubercle of trapezium
14. 第 1 掌骨基底部　First metacarpal, base
15. 大多角骨　Trapezium
16. 小多角骨　Trapezoid
17. 桡动脉　Radial artery
18. 桡侧腕长、短伸肌　Extensor carpi radialis longus, brevis



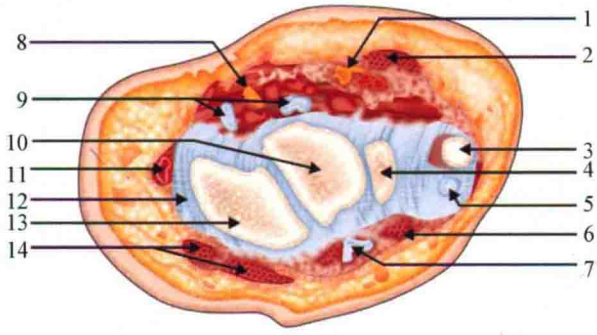


图 13-6

1. 尺神经，动脉　Ulnar nerve, artery
2. 尺侧腕屈肌　Flexor carpi ulnaris
3. 尺骨茎突　Ulnar styloid
4. 三角骨　Triquetrum
5. 尺侧腕伸肌腱　Extensor carpi ulnaris tendon
6. 伸肌支持带　Extensor retinaculum
7. 伸肌腱　Extensor tendons
8. 正中神经　Median nerve
9. 指屈肌腱　Flexor digitorum tendons
10. 月骨　Lunate
11. 桡动脉　Radial artery
12. 拇长展肌　Abductor pollicis longus
13. 手舟骨　Scaphoid
14. 桡侧腕长、短伸肌　Extensor carpi radialis longus,brevis



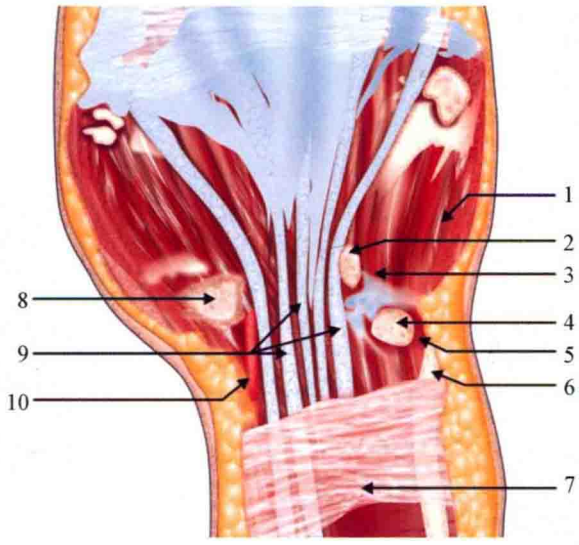


图 13-7

1. 小指展肌　Abductor digiti minimi
2. 钩骨钩　Hook of hamate
3. 豆钩韧带　Pisohamate ligament
4. 豌豆骨　Pisiform
5. 尺侧腕屈肌附着部　Flexor carpi ulnaris (insertion)
6. 尺骨　Ulna
7. 旋前方肌　Pronator quadratus
8. 大多角骨结节　Trapezium, tubercle
9. 指深、指浅屈肌腱　Flexor digitorum profundus and superficialis tendons
10. 桡动脉　Radial artery



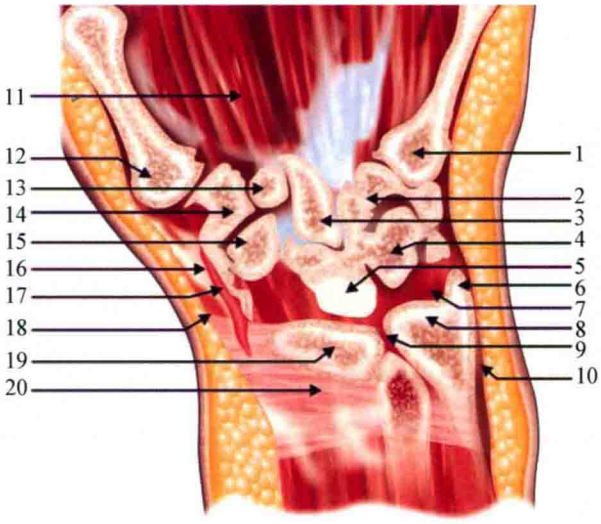


图 13-8

1. 第 5 掌骨基底部　Fifth metacarpal base
2. 钩骨　Hamate
3. 头状骨　Capitate
4. 三角骨　Triquetrum
5. 月骨　Lunate
6. 尺骨茎突　Ulnar styloid
7. 三角纤维软骨　Triangular fibrocartilage
8. 尺骨　Ulna
9. 桡尺远侧关节　Distal radioulnar joint
10. 尺侧腕伸肌腱　Extensor carpi ulnaris tendon
11. 拇长展肌，斜头　Abductor pollicis, oblique head
12. 第 1 掌骨基底部　First metacarpal base
13. 小多角骨　Trapezoid
14. 大多角骨　Trapezium
15. 手舟骨，远端　Scaphoid, distal pole
16. 鼻烟窝　Snuff box
17. 桡动脉　Radial artery
18. 拇短伸肌和拇长展肌肌腱　Extensor pollicis brevis and abductor pollicis longus tendons
19. 桡骨　Radius
20. 旋前方肌　Pronator quadratus

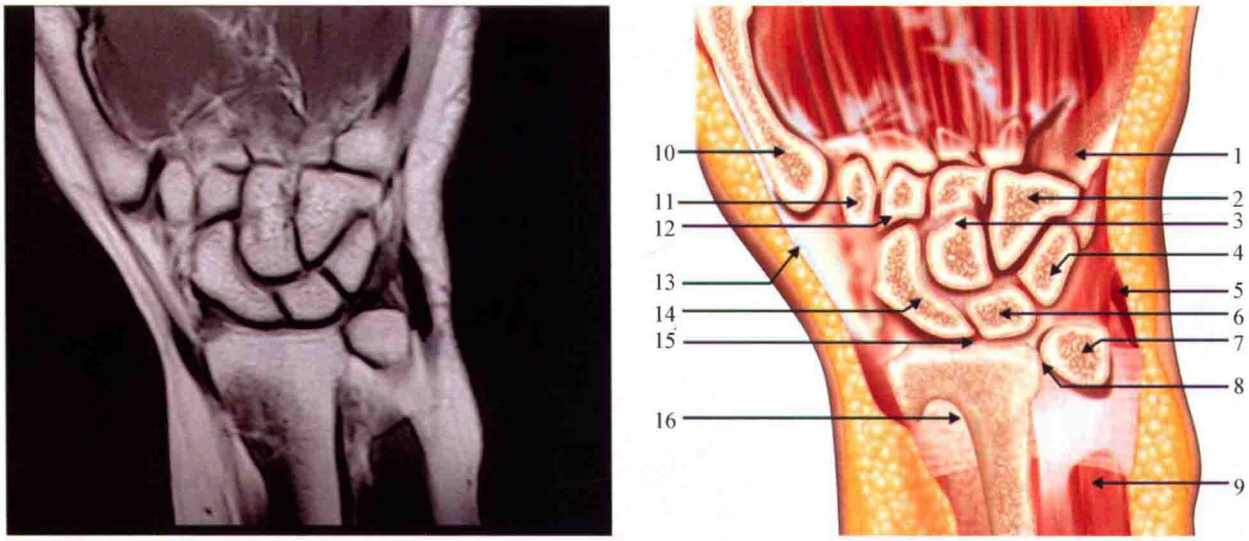


图 13-9

1. 第 5 掌骨基底部 Fifth metacarpal base
2. 钩骨 Hamate
3. 头状骨 Capitate
4. 三角骨 Triquetrum
5. 尺侧腕伸肌腱 Extensor carpi ulnaris tendon
6. 月骨 Lunate
7. 尺骨 Ulna
8. 桡尺远侧关节 Distal radioulnar joint
9. 旋前方肌 Pronator quadratus
10. 第 1 掌骨 First metacarpal
11. 大多角骨 Trapezium
12. 小多角骨 Trapezoid
13. 拇短伸肌和拇长展肌腱 Extensor pollicis brevis and abductor pollicis longus tendons
14. 手舟骨 Scaphoid
15. 舟月韧带 Scapholunate ligament
16. 桡骨 Radius

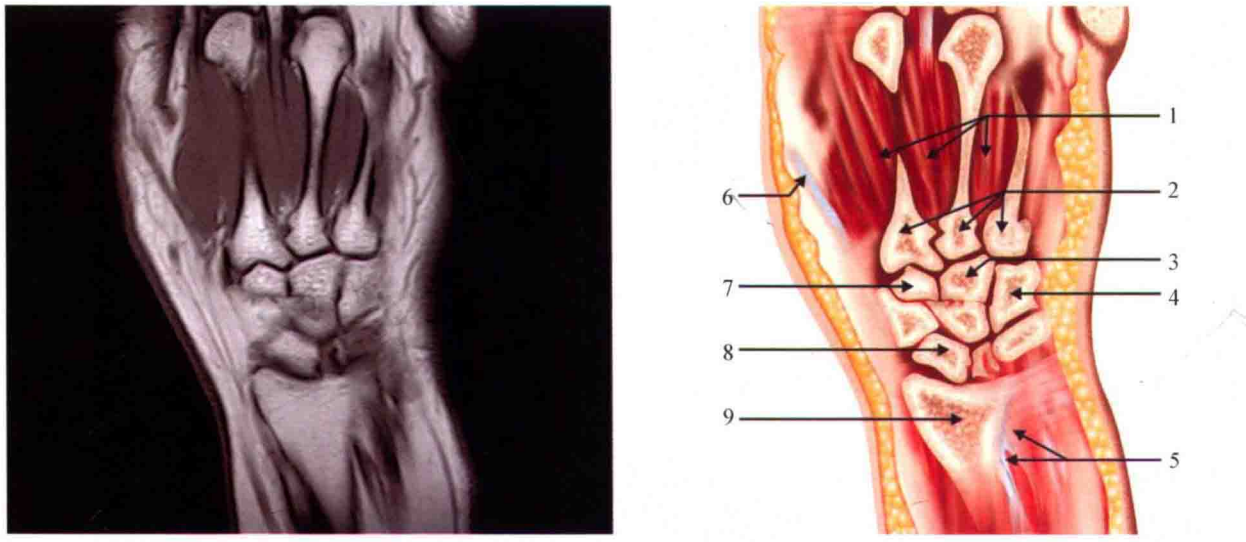


图 13-10

1. 骨间肌 Interosseous muscles
2. 第 2、3、4 掌骨 Second, third, fourth metacarpals
3. 头状骨 Capitate
4. 钩骨 Hamate
5. 伸肌腱 Extensor tendons
6. 拇长伸肌 Extensor pollicis longus
7. 小多角骨 Trapezoid
8. 手舟骨近端 Scaphoid, proximal pole
9. 桡骨 Radius



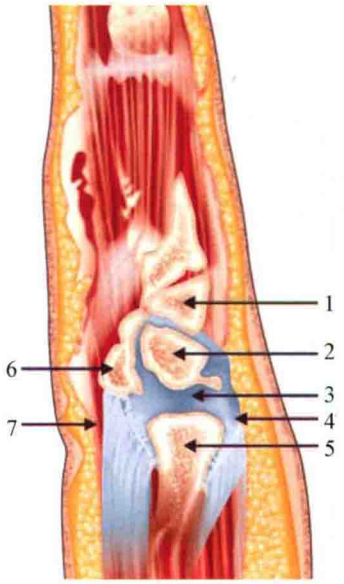
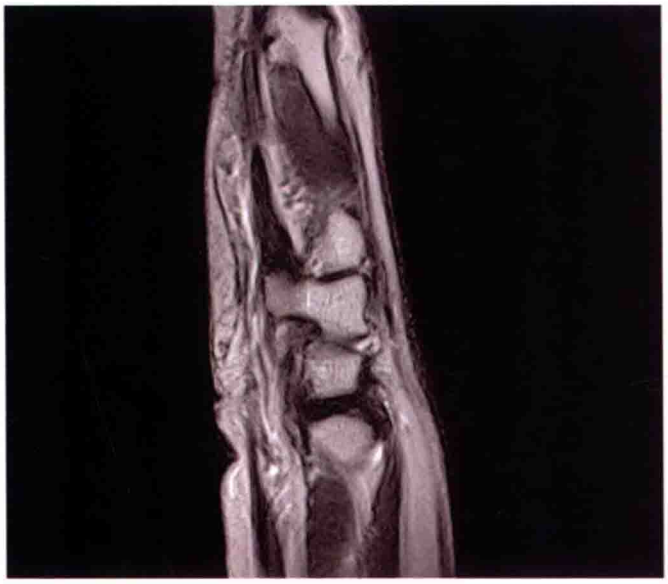


图 13-11

1. 钩骨 Hamate
2. 三角骨 Triquetrum
3. 三角纤维软骨 Triangular fibrocartilage
4. 尺侧腕伸肌 Extensor carpi ulnaris
5. 尺骨 Ulna
6. 豌豆骨 Pisiform
7. 尺侧腕屈肌 Flexor carpi ulnaris



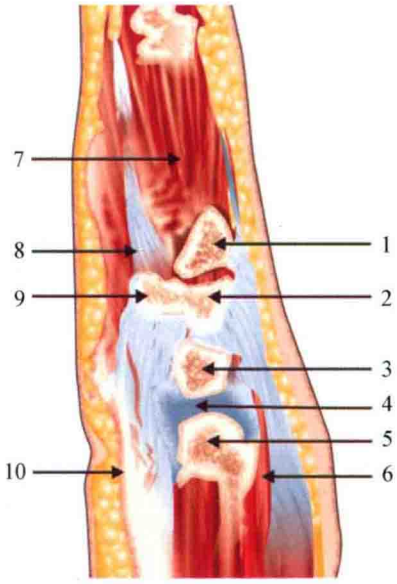
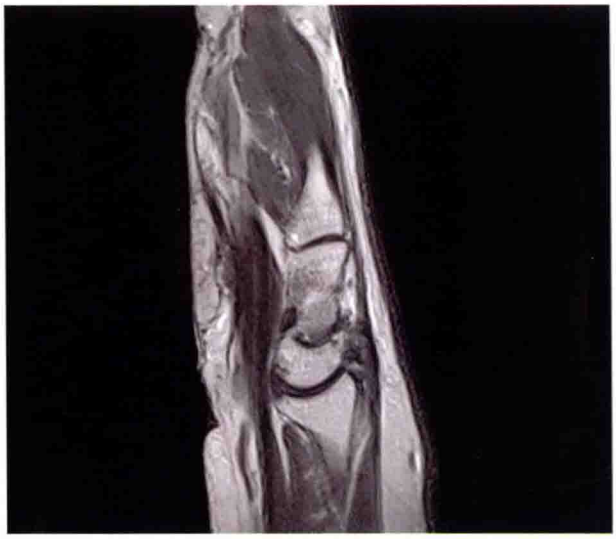


图 13-12

1. 第 4 掌骨基底部 Fourth metacarpal base
2. 钩骨 Hamate
3. 三角骨 Triquetrum
4. 三角纤维软骨 Triangular fibrocartilage
5. 尺骨头 Ulna, head
6. 尺侧腕伸肌 Extensor carpi ulnaris
7. 骨间肌 Interosseous muscle
8. 屈肌腱 Flexor tendons
9. 钩骨钩 Hook of hamate
10. 尺侧腕屈肌 Flexor carpi ulnaris



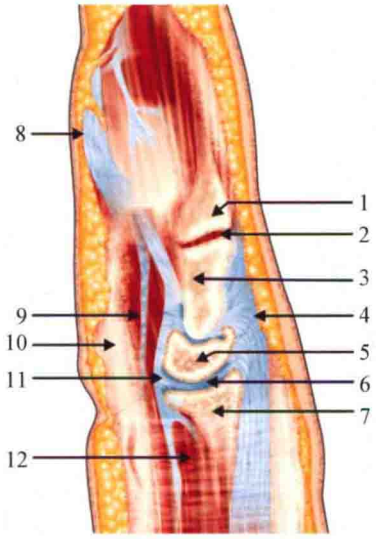


图 13-13

1. 第 3 掌骨基底部 Third metacarpal base
2. 掌腕关节 Carpometacarpal joint
3. 头状骨 Capitate
4. 指伸肌腱 Extensor digitorum tendon
5. 月骨 Lunate
6. 桡腕关节 Radiocarpal joint
7. 桡骨 Radius
8. 掌腱膜 Palmar aponeurosis
9. 屈肌腱 Flexor tendon
10. 屈肌支持带 Flexor retinaculum
11. 桡腕掌侧韧带 Palmar radiocarpal ligament
12. 旋前方肌 Pronator quadratus



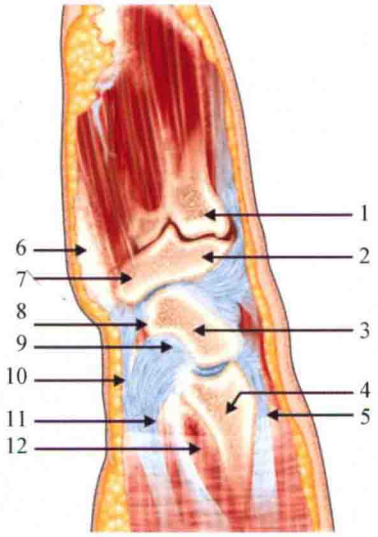


图 13-14

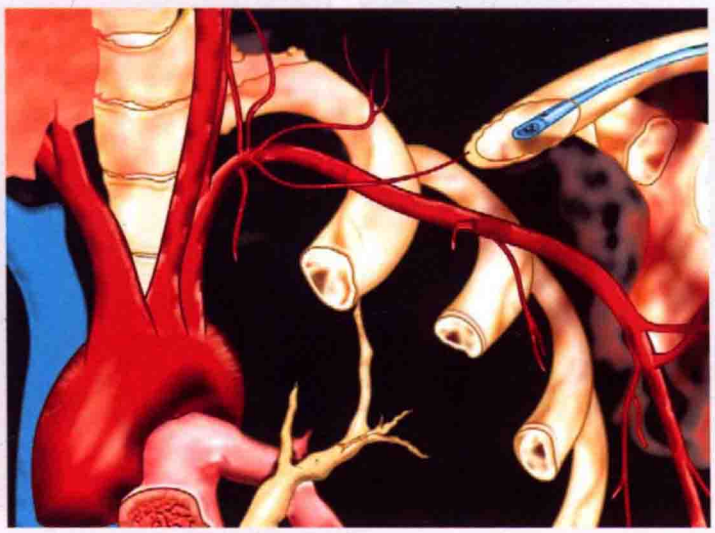
1. 第 2 掌骨基底部 Second metacarpal, base
2. 小多角骨 Trapezoid
3. 手舟骨 Scaphoid
4. 桡骨 Radius
5. 拇长伸肌腱 Extensor pollicis longus tendon
6. 鱼际肌 Thenar muscle
7. 大多角骨 Trapezium
8. 手舟骨结节 Scaphoid tuberosity
9. 桡腕掌侧韧带 Palmar radiocarpal ligaments
10. 桡侧腕屈肌腱 Flexor carpi radialis tendon
11. 拇长展肌腱 Flexor pollicis longus tendon
12. 旋前方肌 Pronator quadratus

CHAPTER 14

第14章

Upper Extremity Vessels

上肢血管



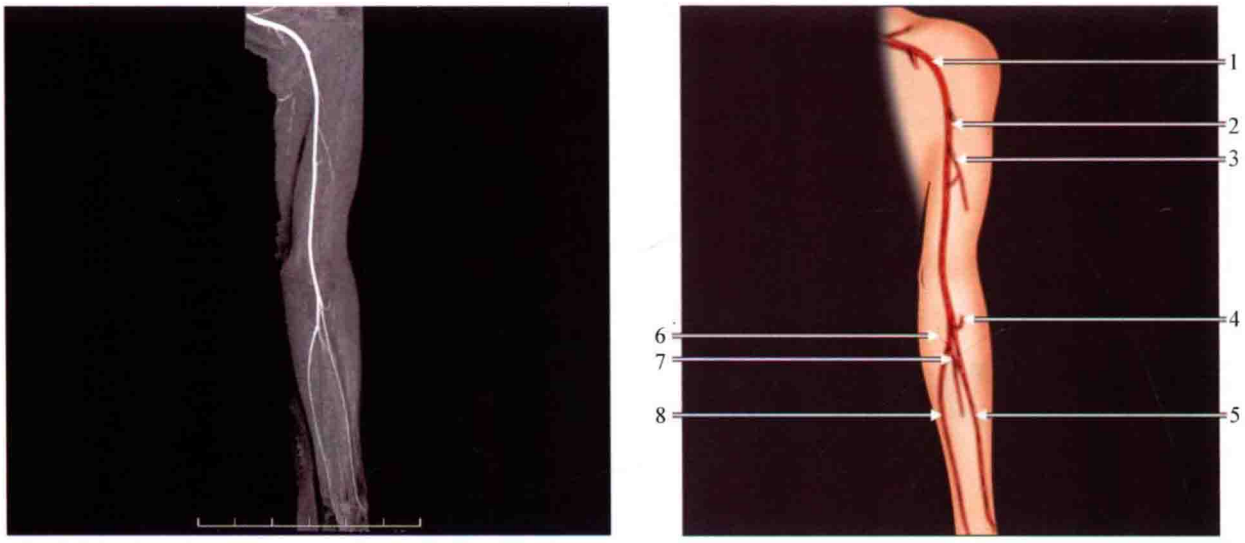


图 14-1

1. 腋动脉 Axillary artery
2. 肱动脉 Brachial artery
3. 肱深动脉 Profunda brachii artery
4. 桡侧返动脉 Radial recurrent artery
5. 桡动脉 Radial artery
6. 尺侧返动脉 Ulnar recurrent artery
7. 骨间总动脉 Common interosseous artery
8. 尺动脉 Ulnar artery

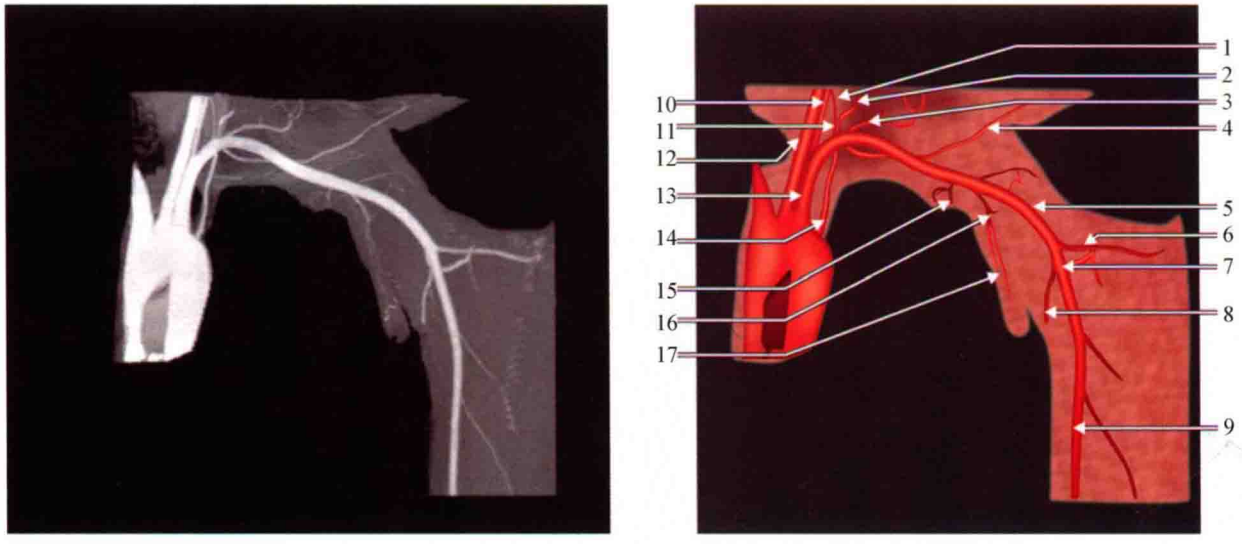


图 14-2

1. 甲状腺下动脉 Inferior thyroid artery
2. 颈横动脉 Transverse cervical artery
3. 肋颈干 Costocervical trunk
4. 肩胛上动脉 Supracapsular artery
5. 腋动脉 Axillary artery
6. 旋肱前动脉 Ant circumflex humeral artery
7. 旋肱后动脉 Post circumflex humeral artery
8. 肩胛下动脉 Subscapular artery
9. 肱动脉 Brachial artery
10. 椎动脉 Vertebral artery
11. 甲状颈干 Thyrocervical trunk
12. 左颈总动脉 Left carotid artery
13. 左锁骨下动脉 Left subclavian artery
14. 内乳动脉 Internal mammary artery
15. 胸上动脉 Superior thoracic artery
16. 胸肩峰动脉 Thoracoacromial artery
17. 胸外侧动脉 Lateral thoracic artery

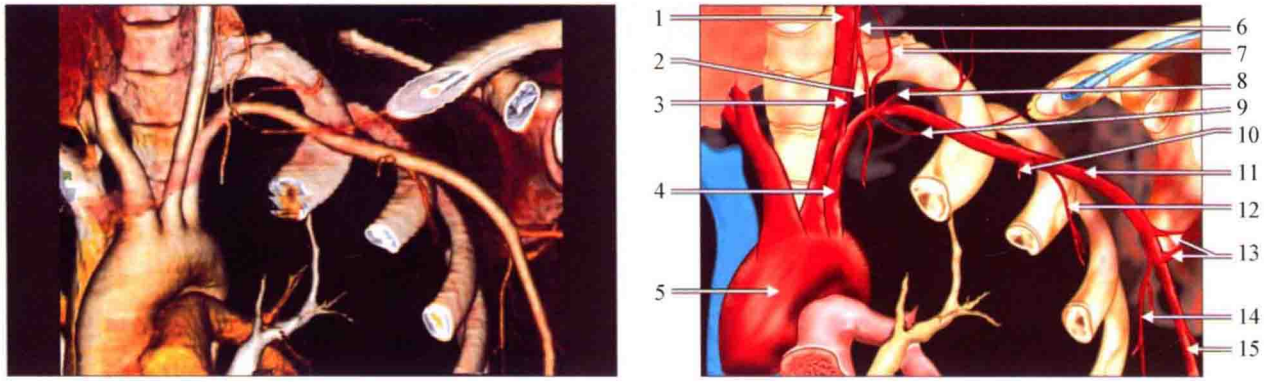


图 14-3

1. 左颈总动脉 Left carotid artery
2. 甲状颈干 Thyrocervical trunk
3. 左侧椎动脉 Left vertebral artery
4. 左锁骨下动脉 Left subclavian artery
5. 主动脉弓 Arch of aorta
6. 甲状腺下动脉 Inferior thyroid artery
7. 颈横动脉 Transverse cervical artery
8. 肋颈干 Costocervical trunk
9. 肩胛上动脉 Suprascapular artery
10. 胸上动脉 Superior thoracic artery
11. 腋动脉 Axillary artery
12. 胸外侧动脉 Lateral thoracic artery
13. 旋肱动脉 Circumflex humeral arteries
14. 肩胛下动脉 Subscapular artery
15. 肱动脉 Brachial artery

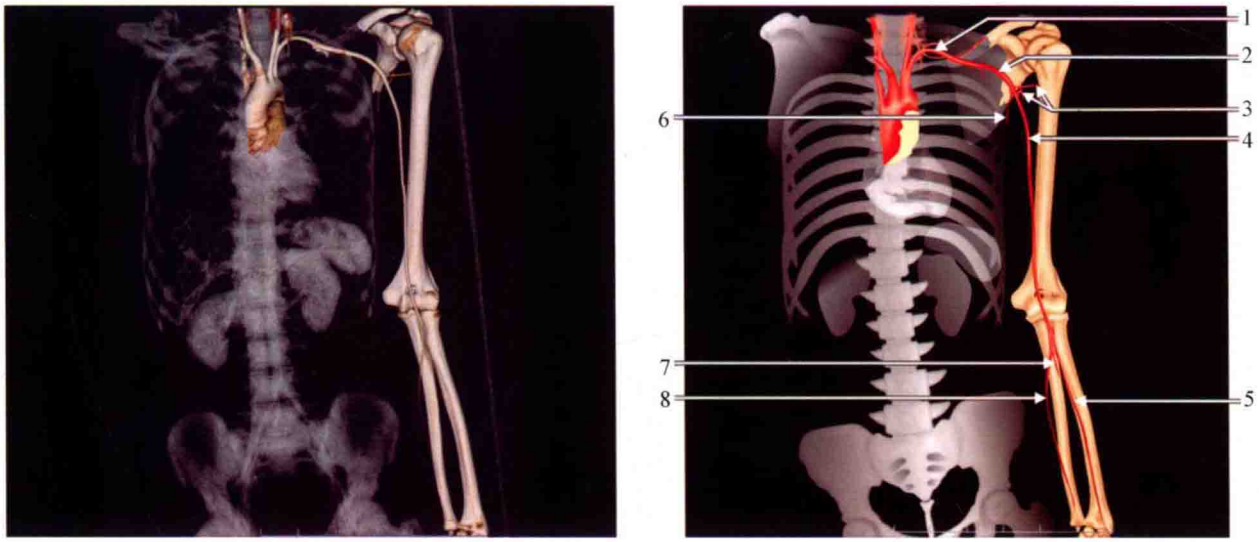
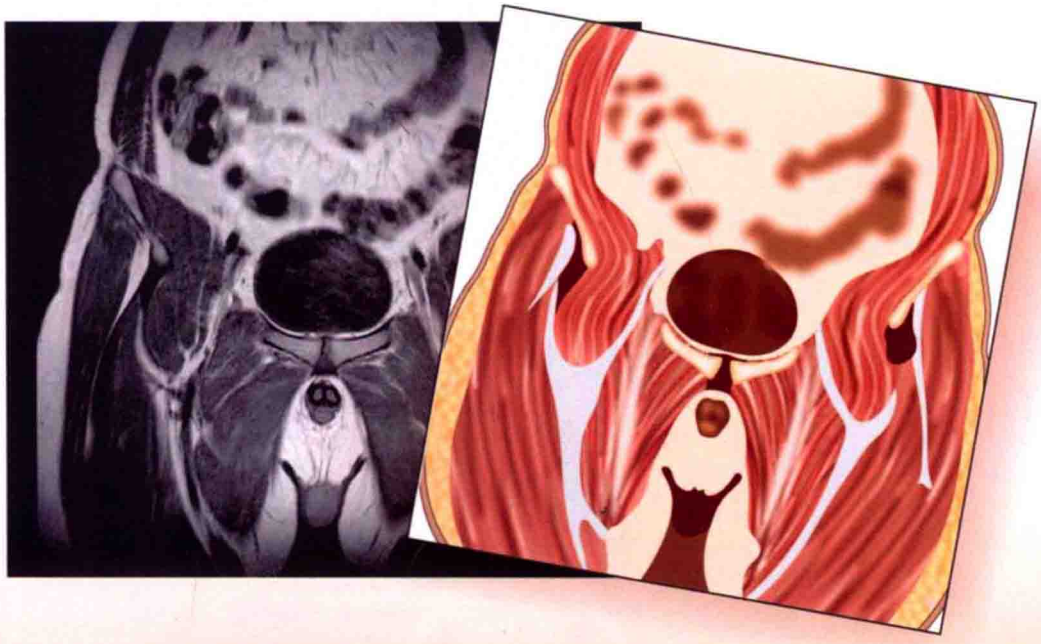


图 14-4

1. 锁骨下动脉 Subclavian artery
2. 腋动脉 Axillary artery
3. 旋肱动脉 Circumflex humeral artery
4. 肱动脉 Brachial artery
5. 桡动脉 Radial artery
6. 肩胛下动脉 Subscapular artery
7. 骨间动脉 Interosseous artery
8. 尺动脉 Ulnar artery

Section 5

第五篇



下　肢
Lower Extremity

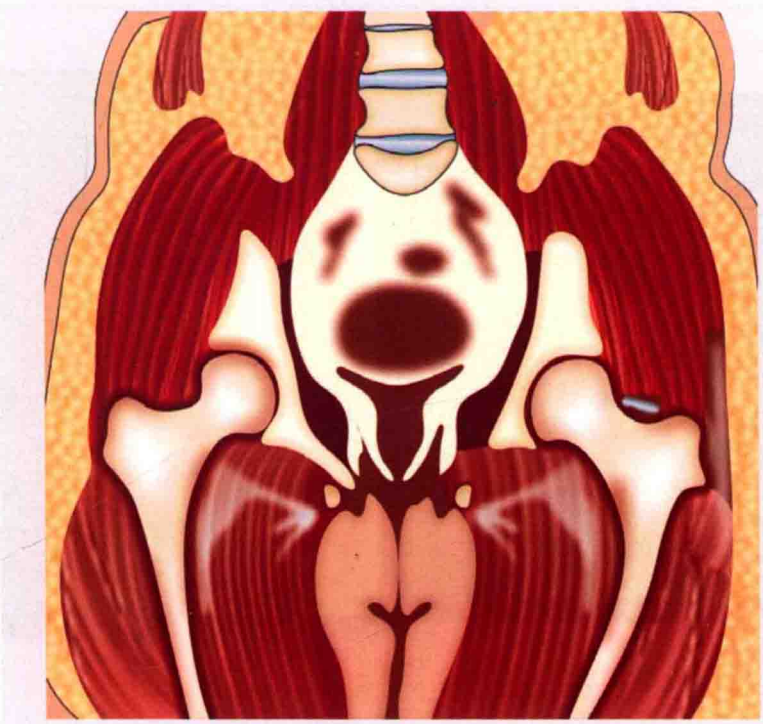
- 髋　Hips
- 大腿和小腿　Thigh and Calf
- 膝　Knee
- 踝和足　Ankle and Foot
- 下肢血管　Lower Extremity Vessels

CHAPTER 15

第15章

Hips

髋





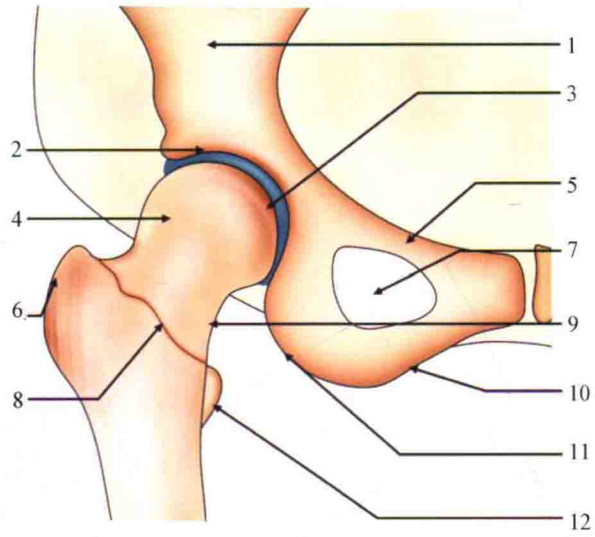


图 15-1

1. 髂骨 Ilium
2. 髋臼 Acetabulum
3. 股骨头凹 Fovea capitis
4. 股骨头 Femoral head
5. 耻骨上支 Superior pubic ramus
6. 大转子 Greater trochanter
7. 闭孔 Obturator foramen
8. 转子间线 Intertrochanteric line
9. 股骨颈 Femoral neck
10. 耻骨下支 Inferior pubic ramus
11. 坐骨结节 Ischial tuberosity
12. 小转子 Lesser trochanter



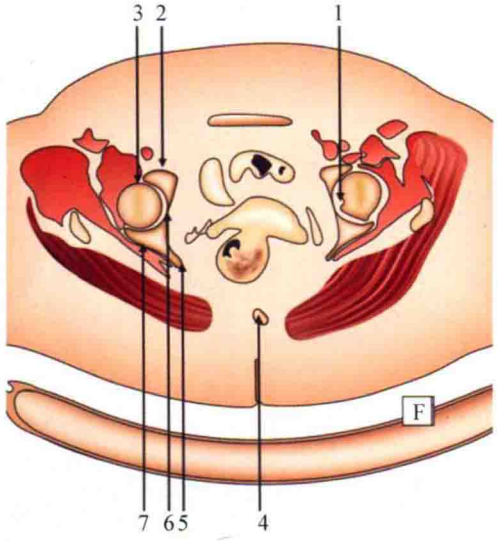
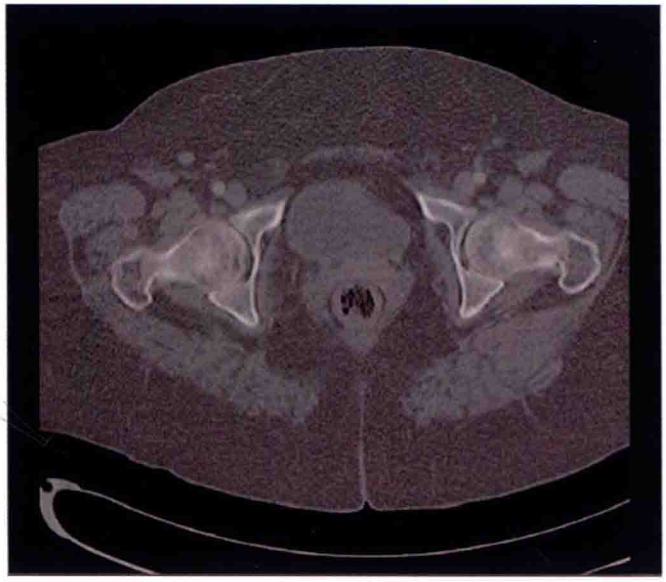


图 15-2

1. 股骨头凹 Fovea capitis
2. 髋臼前柱 Anterior pillar acetabulum
3. 股骨头 Femoral head
4. 尾骨 Coccyx
5. 坐骨棘 Ischial spine
6. 四边体（四边形板） Quadrilateral plate
7. 髋臼后柱 Posterior pillar acetabulum



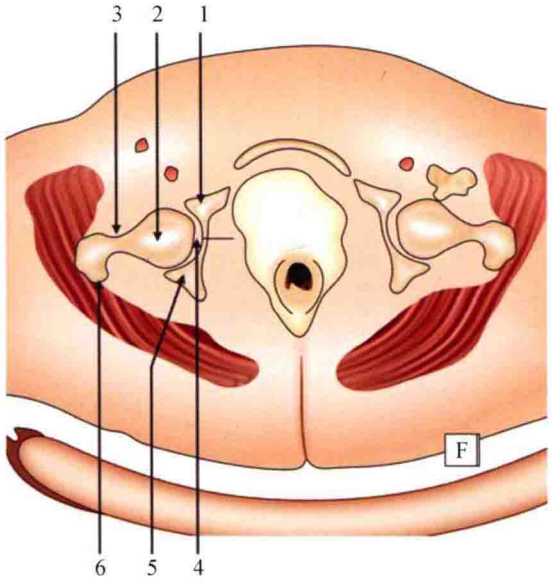
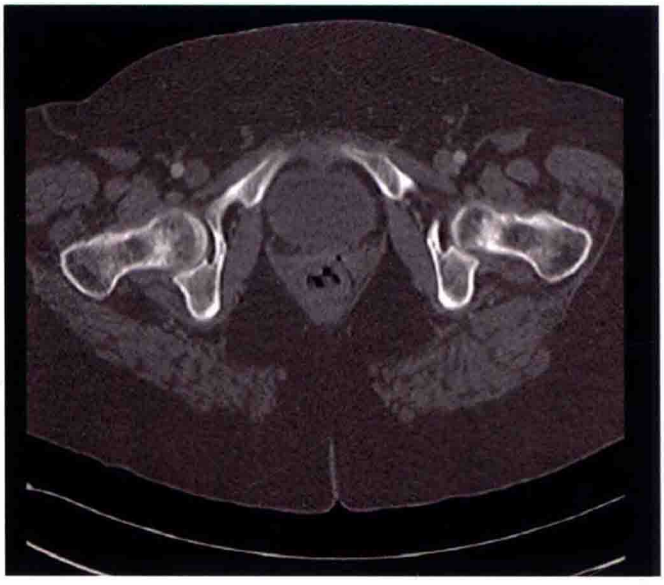


图 15-3

1. 髋臼 Acetabulum
2. 股骨头 Femoral head
3. 股骨颈 Neck
4. 关节间隙 Joint space
5. 坐骨 Ischium
6. 大转子 Greater trochanter



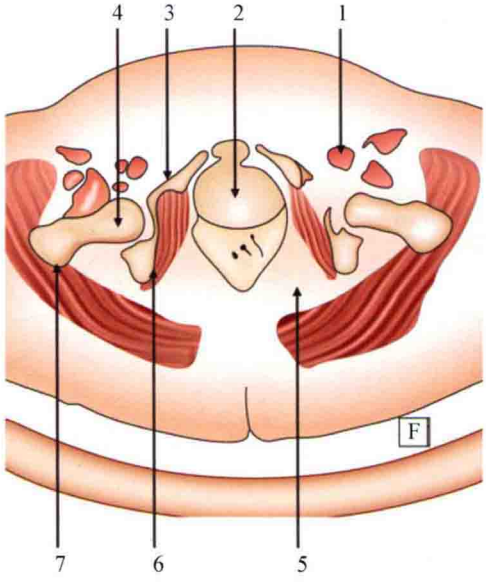
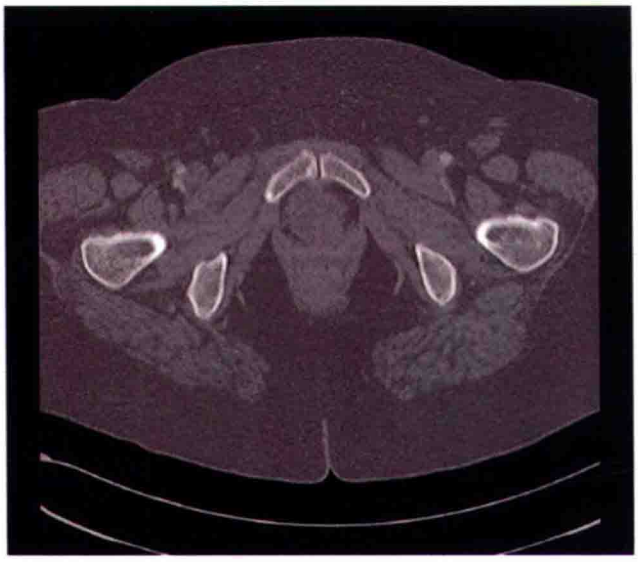


图 15-4

1. 股血管 Femoral vessels
2. 膀胱 Bladder
3. 耻骨上支 Superior ramus of pubis
4. 股骨头 Head of femur
5. 坐骨直肠窝 Ischio-anal fossa
6. 坐骨 Ischium
7. 大转子 Greater trochanter



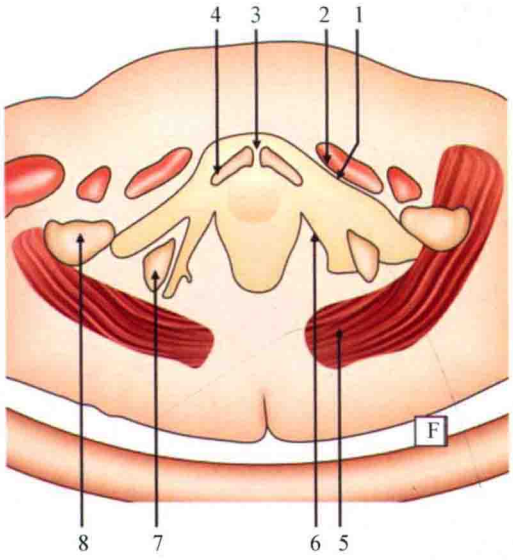
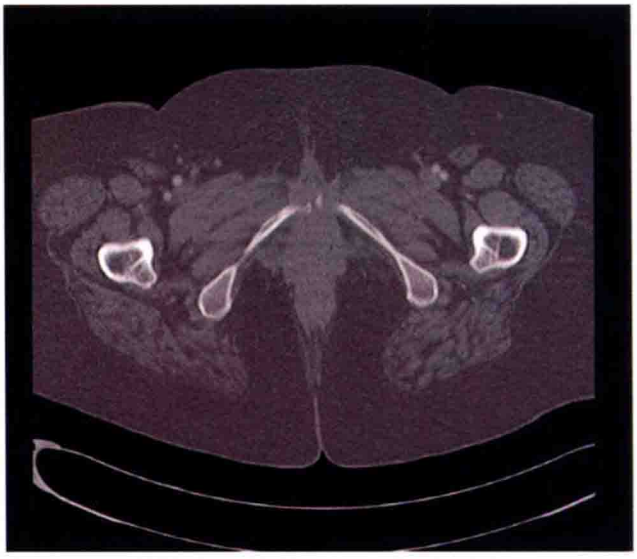


图 15-5

1. 闭孔外肌 Obturator externus
2. 耻骨肌 Pectineus
3. 耻骨联合 Pubic symphysis
4. 耻骨体 Body of pubis
5. 臀大肌 Gluteus maximus
6. 闭孔内肌 Obturator internus
7. 坐骨 Ischium
8. 股骨 Femur



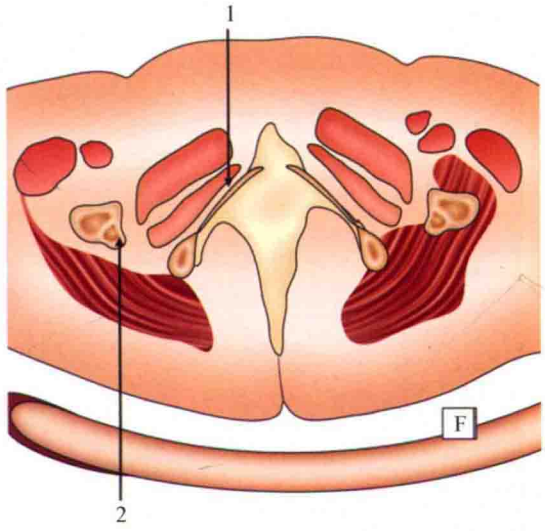
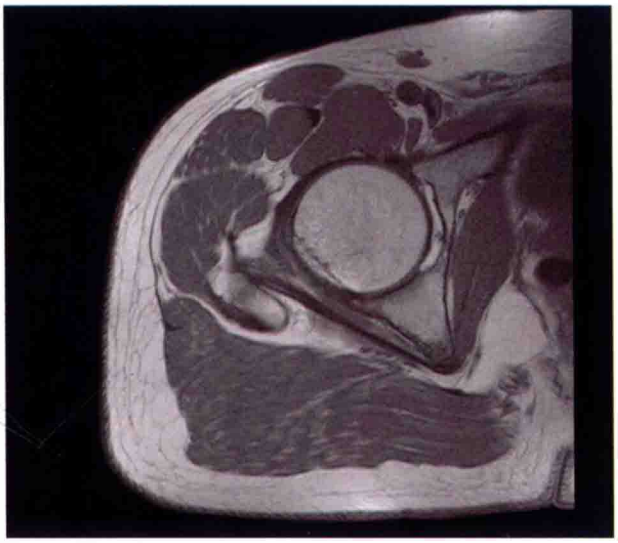


图 15-6

1. 耻骨下支 Inferior ramus of pubi
2. 小转子 Lesser trochanter



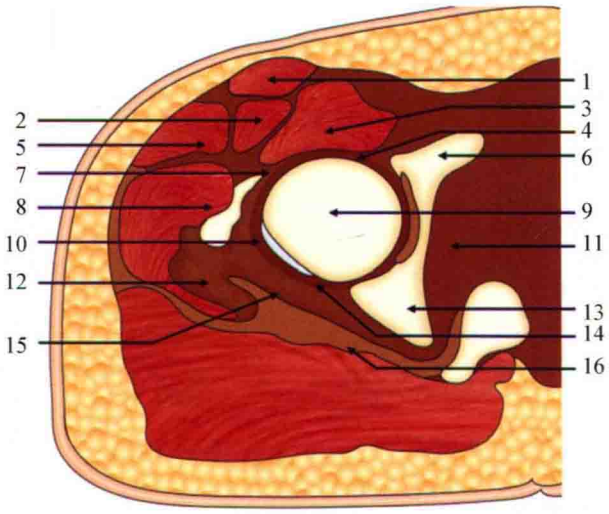
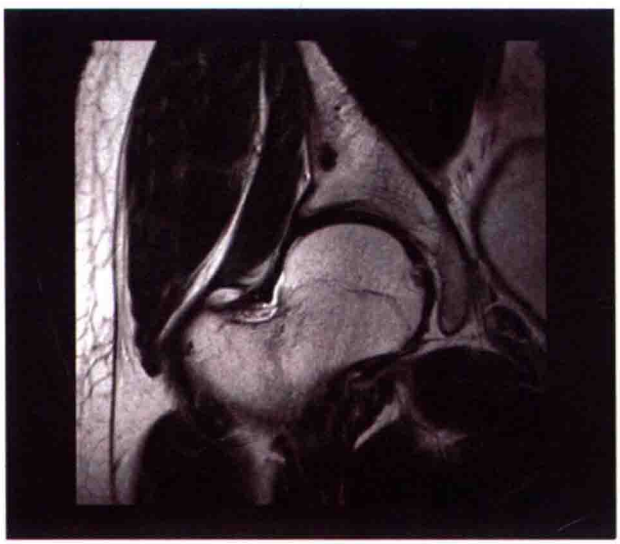


图 15-7

1. 缝匠肌 Sartorius
2. 股直肌 Rectus femoris
3. 髂腰肌 Iliopsoas
4. 前唇盂 Anterior labrum
5. 阔筋膜张肌 Tensor fascia lata
6. 耻骨 Pubis
7. 髂股韧带 Iliofemoral ligament
8. 臀中肌 Gluteus medius
9. 股骨头 Femoral head
10. 髂股韧带 Iliofemoral ligament
11. 闭孔内肌 Obturator internus
12. 大转子 Greater trochanter
13. 坐骨 Ischium
14. 后唇盂 Posterior labrum
15. 闭孔内肌腱 Obturator internus tendon
16. 坐骨神经 Sciatic nerve



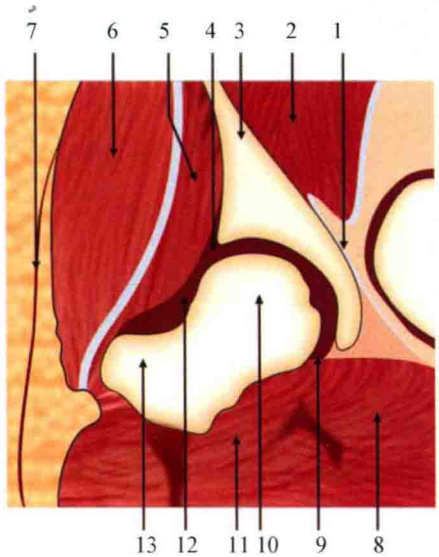


图 15-8

1. 髋臼 Acetabulum
2. 髂腰肌 Iliopsoas
3. 髂骨 Ilium
4. 上唇盂 Superior labrum
5. 臀小肌 Gluteus minimus
6. 臀中肌 Gluteus medius
7. 髂胫束 Iliotibial tract
8. 闭孔外肌 Obturator externus
9. 关节间隙 Joint space
10. 股骨头 Femoral head
11. 髂腰肌 Iliopsoas
12. 髂股韧带 Iliofemoral ligament
13. 大转子 Greater trochanter

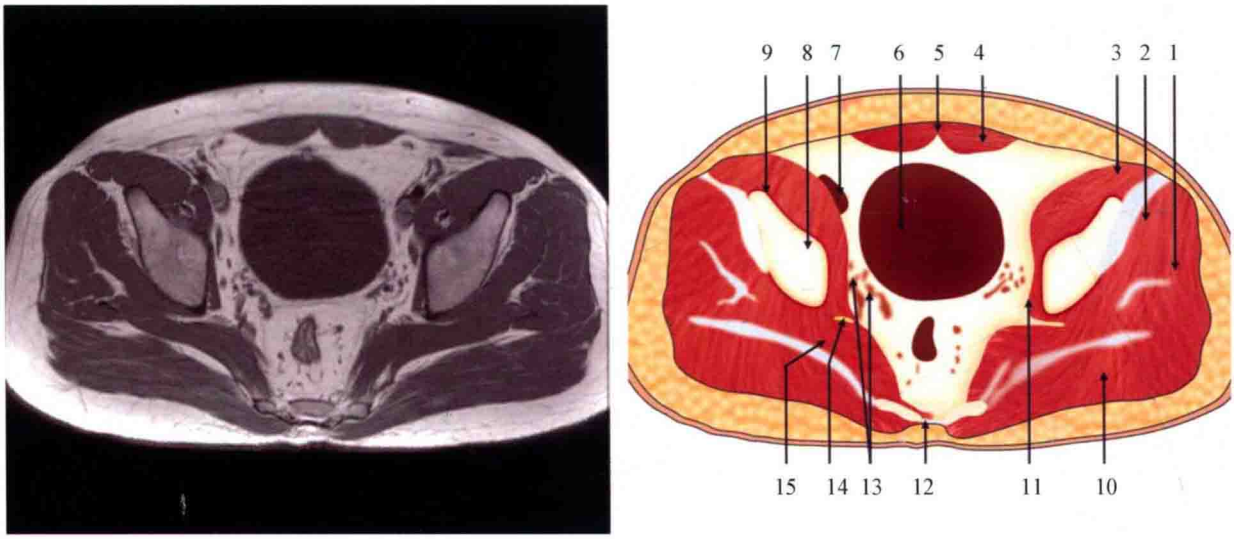


图 15-9

1. 臀中肌 Gluteus medius
2. 臀小肌 Gluteus minimus
3. 髂腰肌 Iliopsoas
4. 腹直肌 Rectus abdominis
5. 白线 Linea alba
6. 膀胱 Urinary bladder
7. 髂外血管 External iliac vessels
8. 髋臼 Acetabulum
9. 髂前下棘 Anterior inferior iliac spine
10. 臀大肌 Gluteus maximus
11. 闭孔内肌 Obturator internus
12. 骶骨 Sacrum
13. 闭孔肌和臀下血管 Obturator and inferior gluteal vessels
14. 坐骨神经 Sciatic nerve
15. 梨状肌 Piriformis

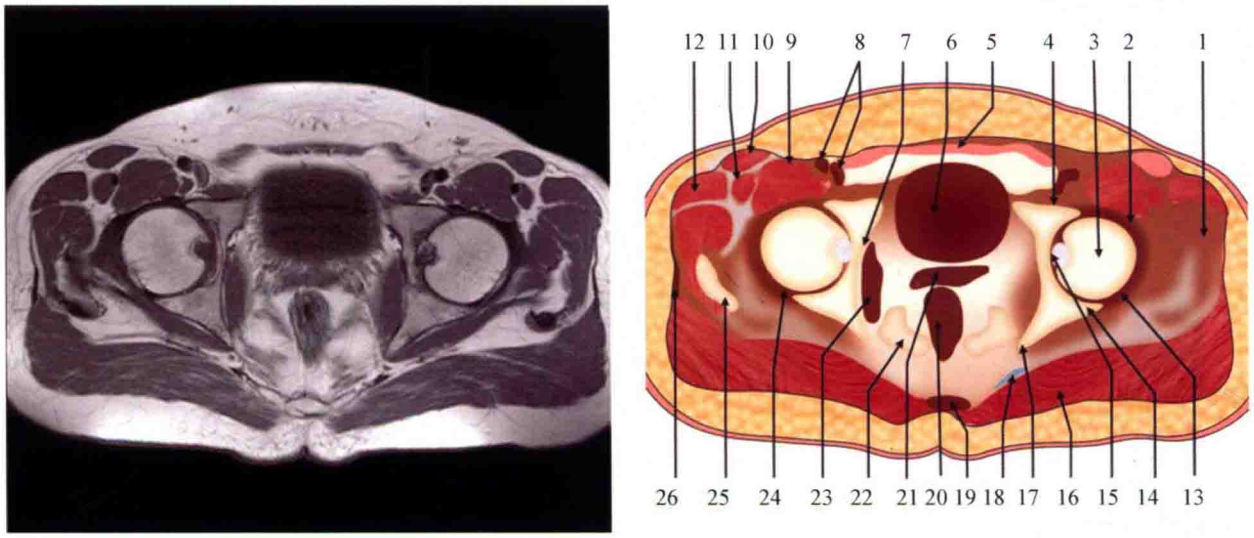
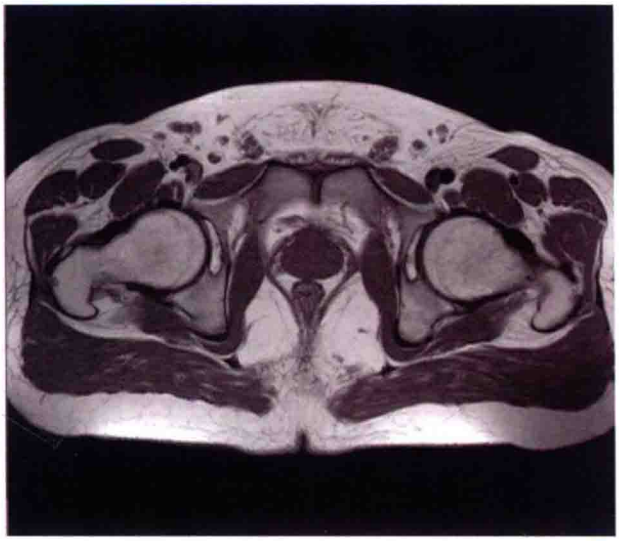


图 15-10

1. 臀中肌 Gluteus medius
2. 髂股韧带 Iliofemoral ligament
3. 股骨头 Femoral head
4. 髋臼，前柱 Anterior pillar,acetabulum
5. 腹直肌 Rectus abdominis
6. 膀胱 Urinary bladder
7. 四边体(四边形板) Quadrilateral plate
8. 股血管 Femoral vessels
9. 髂腰肌 Iliopsoas
10. 缝匠肌 Sartorius
11. 股直肌 Rectus femoris
12. 阔筋膜张肌 Tensor fascia lata
13. 坐股韧带 Ischiofemoral ligament
14. 髋臼，后柱 Posterior pillar,acetabulum
15. 圆韧带 Ligamentum teres
16. 臀大肌 Gluteus maximus
17. 坐骨棘 Ischial spine
18. 骶结节韧带 Sacrotuberous ligament
19. 尾骨 Coccyx
20. 直肠 Rectum
21. 精囊 Seminal vesicles
22. 坐骨直肠窝 Ischiorectal fossa
23. 闭孔内肌 Obturator internus
24. 后唇盂 Posterior labrum
25. 大转子 Greater trochanter
26. 髂胫束 Iliotibial tract



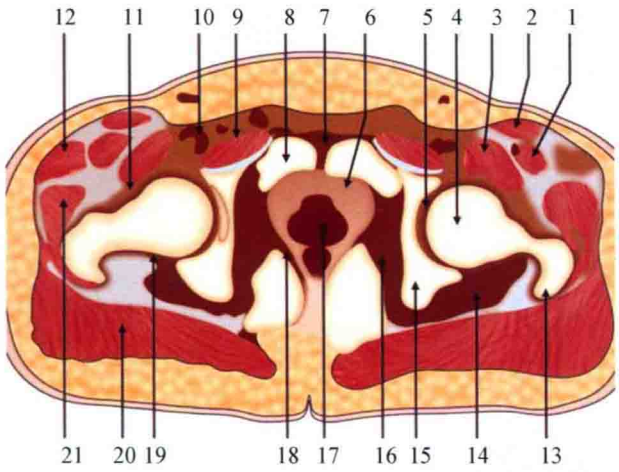
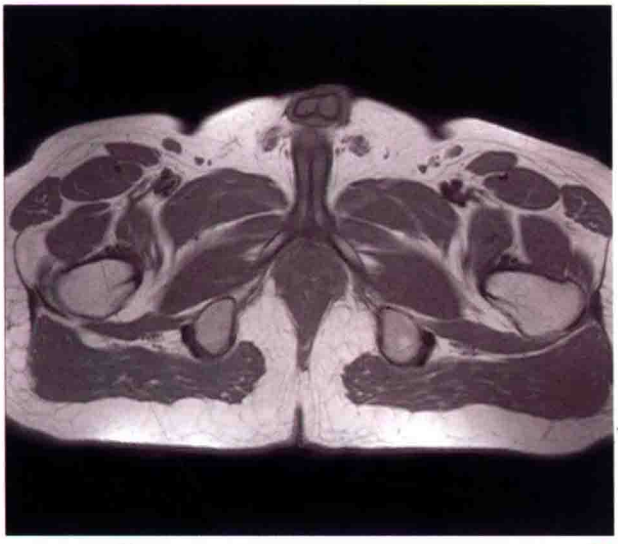


图 15-11

1. 股直肌 Rectus femoris
2. 缝匠肌 Sartorius
3. 髂腰肌 Iliopsoas
4. 股骨头 Femoral head
5. 唇盂 Labrum
6. 耻骨后间隙 Retropubic space of Retzius
7. 耻骨联合 Symphysis pubis
8. 耻骨 Pubis
9. 耻骨肌 Pectineus
10. 股血管 Femoral vessels
11. 髂股韧带 Iliofemoral ligament
12. 阔筋膜张肌 Tensor fascia lata
13. 大转子 Greater trochanter
14. 下孖肌 Inferior gemellus
15. 坐骨 Ischium
16. 闭孔内肌 Obturator internus
17. 前列腺 Prostate
18. 肛提肌 Levator ani
19. 坐股韧带 Ischiofemoral ligament
20. 臀大肌 Gluteus maximus
21. 臀中肌、臀小肌 Gluteus medius minimus



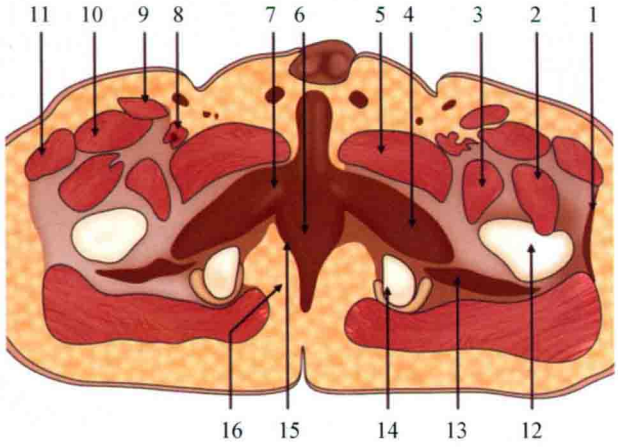


图 15-12

1. 髂 - 胫束 Ilio-tibial tract
2. 股外侧肌 Vastus lateralis
3. 髂腰肌 Iliopsoas
4. 闭孔外肌 Obturator externus
5. 耻骨肌 Pectineus
6. 肛门 Anal canal
7. 耻骨下支 Inferior pubic ramus
8. 股血管 Femoral vessels
9. 缝匠肌 Sartorius
10. 股直肌 Rectus femoris
11. 阔筋膜张肌 Tensor fascia lata
12. 股骨 Femur
13. 股方肌 Quadratus femoris
14. 坐骨结节 Ischial tuberosity
15. 肛提肌 Levator ani
16. 坐骨直肠窝 Ischioanal fossa

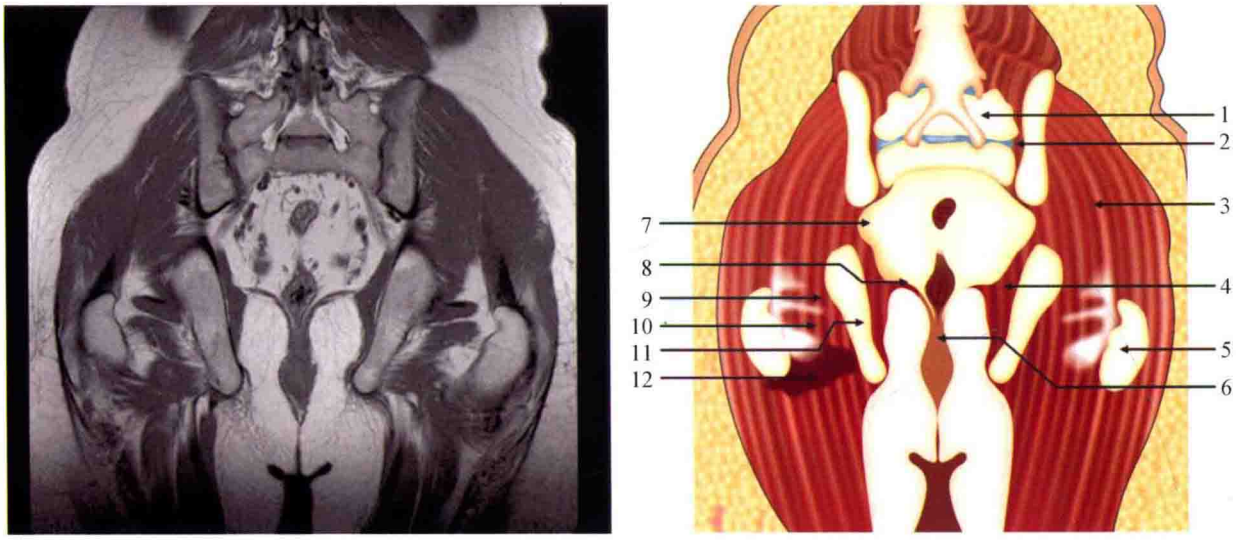


图15-13

1. 骶骨 Sacrum
2. 骶髂关节 Sacroiliac joint
3. 臀大肌 Gluteus maximus
4. 闭孔内肌 Obturator internus
5. 大转子 Greater trochanter
6. 肛管 Anal canal
7. 坐骨神经 Sciatic nerve
8. 肛提肌 Levator ani
9. 孖肌 Gemelli
10. 闭孔外肌 Obturator externus
11. 坐骨 Ischium
12. 股方肌 Quadratus femoris

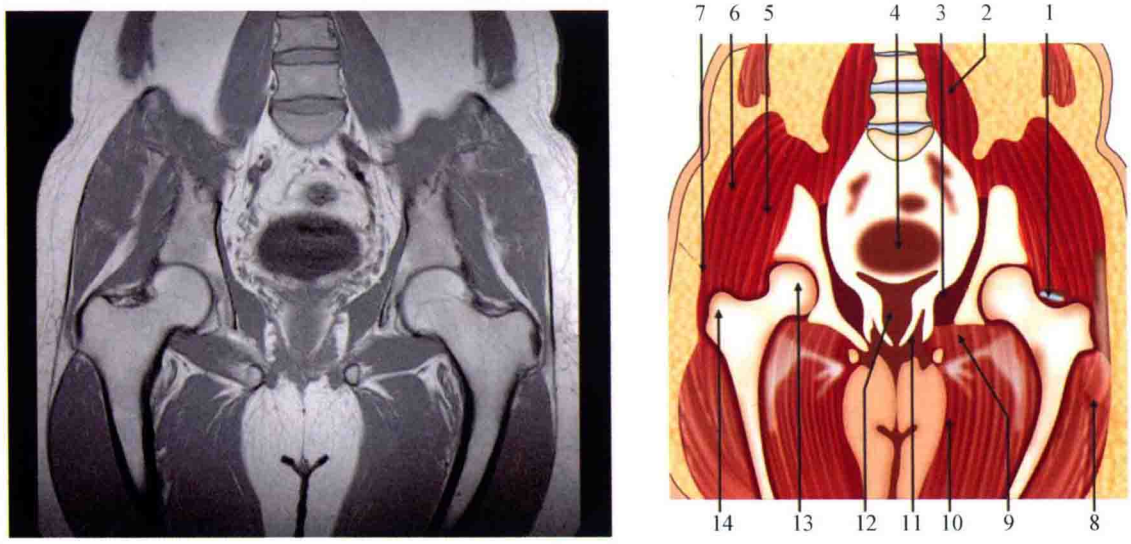


图15-14

1. 髂股韧带 Iliofemoral ligament
2. 腰大肌 Psoas
3. 闭孔内肌 Obturator internus
4. 膀胱 Bladder
5. 臀小肌 Gluteus minimus
6. 臀中肌 Gluteus medius
7. 髂股束 Iliofemoral tract
8. 股外侧肌 Vastus lateralis
9. 闭孔外肌 Obturator externus
10. 大收肌 Adductor magnus
11. 肛提肌 Levator ani
12. 前列腺 Prostate
13. 股骨头 Femoral head
14. 大转子 Greater trochanter



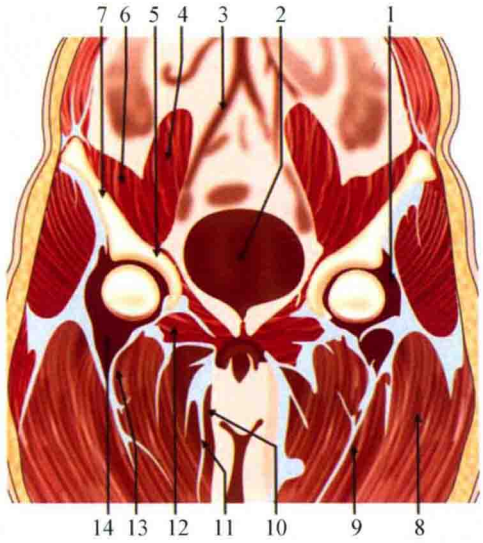
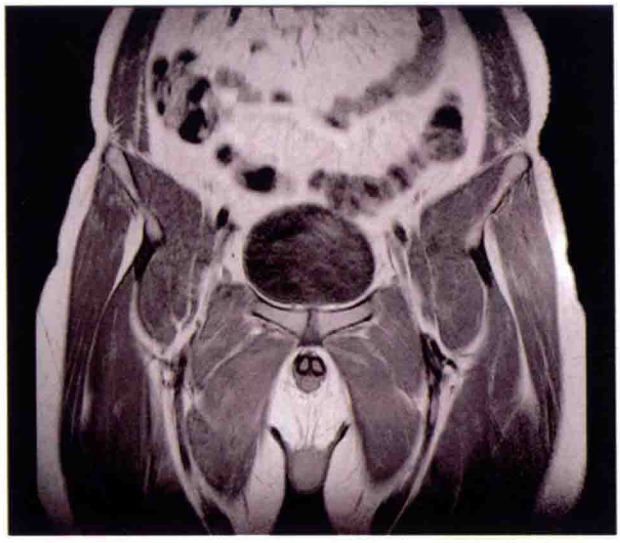


图15-15

1. 髂股韧带 Iliofemoral ligament
2. 膀胱 Urinary bladder
3. 髂总血管 Common iliac vessels
4. 腰大肌 Psoas
5. 髋臼 Acetabulum
6. 髂肌 Iliacus
7. 髂骨 Iliac bone
8. 股外侧肌 Vastus lateralis
9. 股中间肌 Vastus intermedius
10. 股薄肌 Gracilis
11. 短收肌 Adductor brevis
12. 闭孔外肌 Obturator externus
13. 耻骨肌 Pectineus
14. 髂腰肌 Iliopsoas



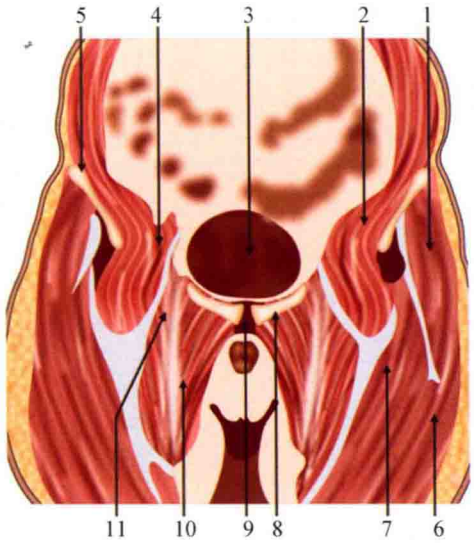


图15-16

1. 臀中肌 Gluteus medius
2. 髂腰肌 Iliopsoas
3. 膀胱 Urinary bladder
4. 髂外血管 External iliac vessels
5. 髂骨 Ilium
6. 股外侧肌 Vastus lateralis
7. 股直肌 Rectus femoris
8. 耻骨上支 Superior ramus pubis
9. 耻骨联合 Pubic symphysis
10. 长收肌 Adductor longus
11. 耻骨肌 Pectineus

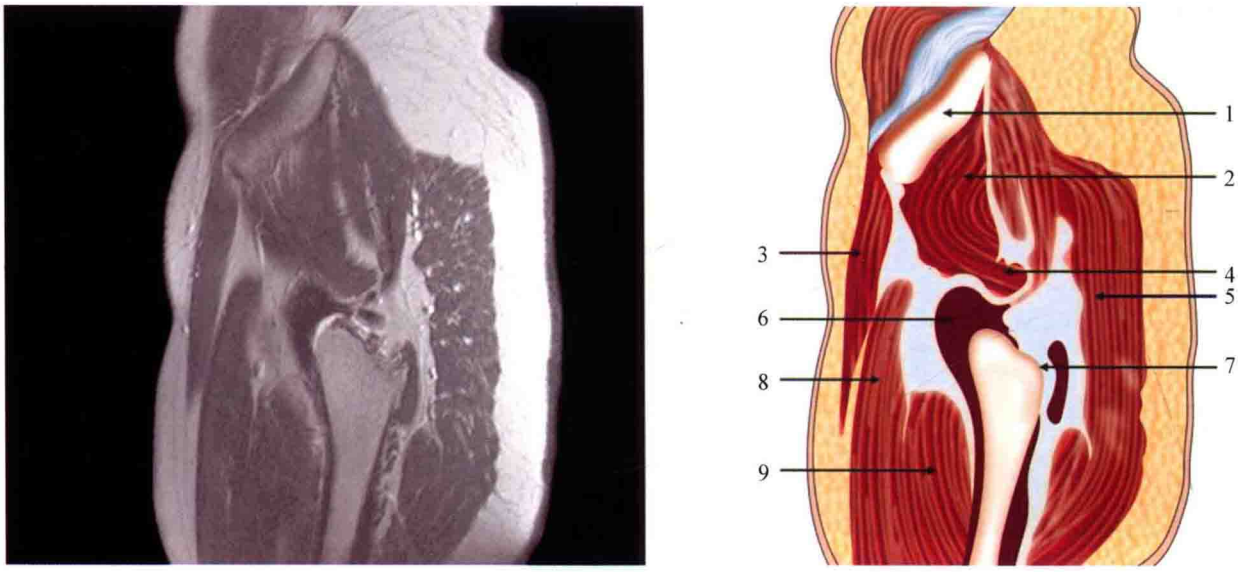


图 15-17

1. 髂骨 Ilium
2. 臀中肌 Gluteus medius
3. 缝匠肌 Sartorius
4. 梨状肌 Piriformis
5. 臀大肌 Gluteus maximus
6. 闭孔内肌 Obturator internus
7. 大转子 Greater trochanter
8. 股直肌 Rectus femoris
9. 股中间肌 Vastus intermedius

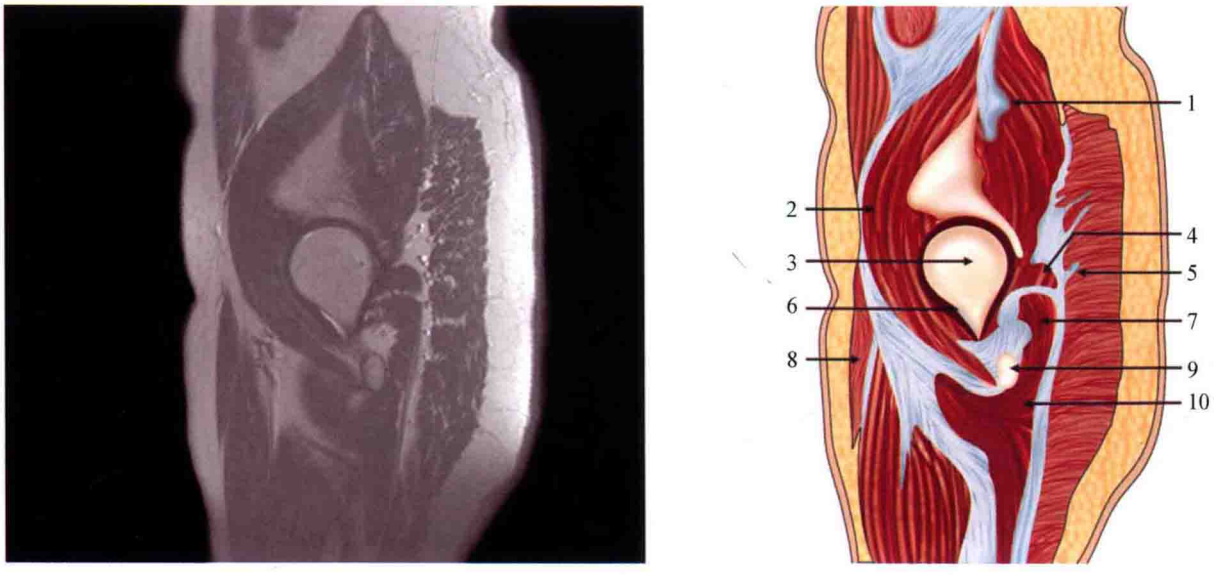


图 15-18

1. 臀小肌 Gluteus minimus
2. 髂腰肌 Iliopsoas
3. 股骨头 Head, femur
4. 孖肌 Gemelli
5. 臀大肌 Gluteus maximus
6. 髂股韧带 Iliofemoral ligament
7. 股方肌 Quadratus femoris
8. 缝匠肌 Sartorius
9. 小转子 Lesser trochanter
10. 坐骨神经 Sciatic nerve



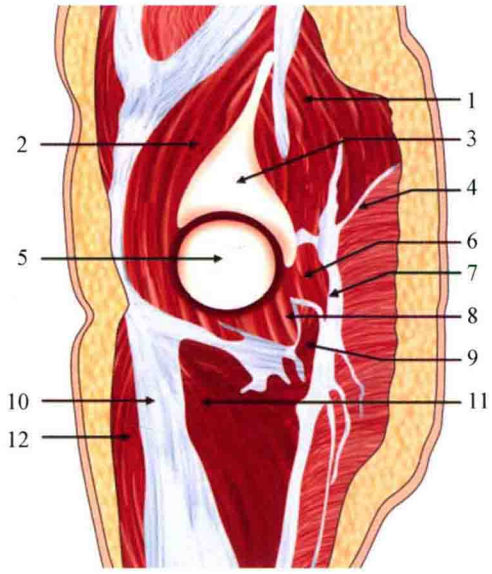


图 15-19

1. 臀小肌 Gluteus minimus
2. 髂腰肌 Iliopsoas
3. 髋臼顶 Acetabular roof
4. 臀大肌 Gluteus maximus
5. 股骨头 Head, femur
6. 孖肌 Gemelli
7. 坐骨神经 Sciatic nerve
8. 闭孔外肌 Obturator externus
9. 股方肌 Quadratus femoris
10. 股血管 Femoral vessels
11. 耻骨肌 Pectineus
12. 缝匠肌 Sartorius



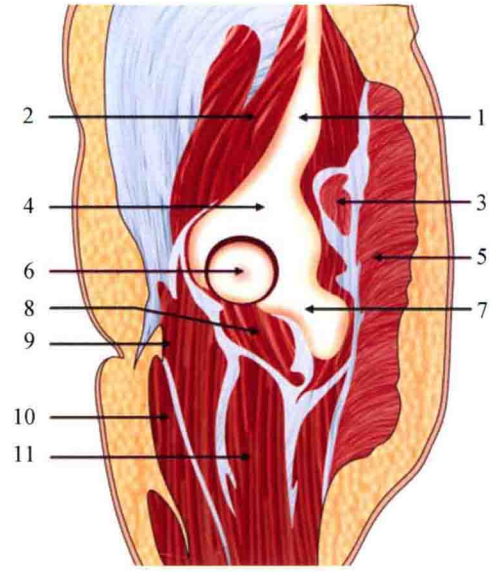


图 15-20

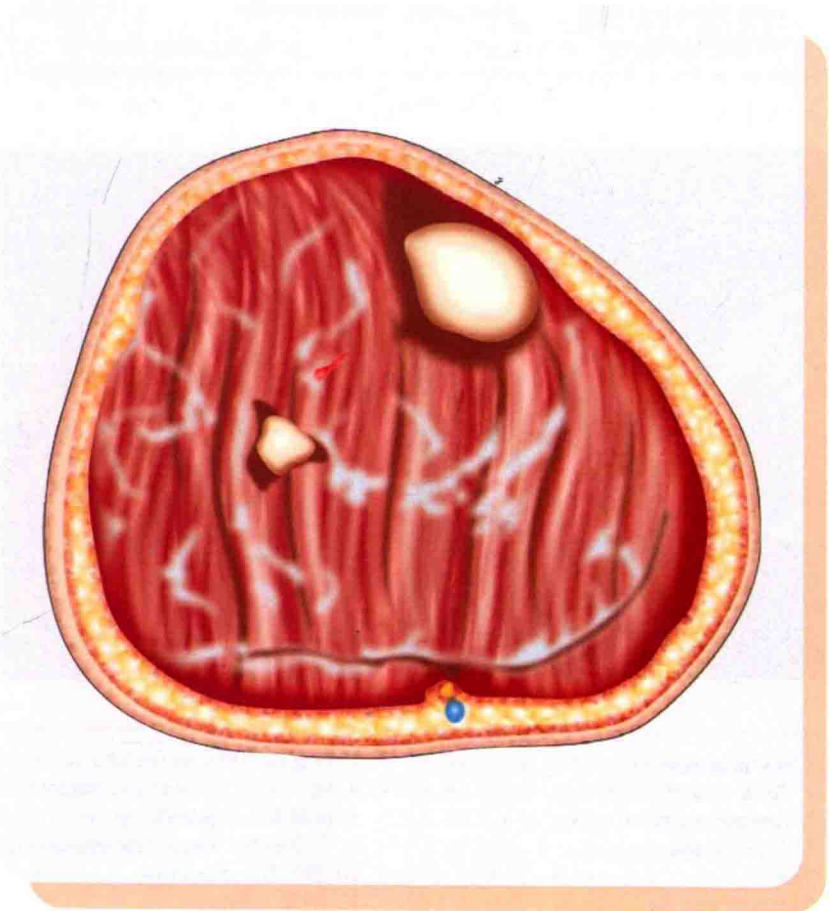
1. 髂骨 Ilium
2. 髂腰肌 Iliopsoas
3. 梨状肌 Piriformis
4. 髋臼 Acetabulum
5. 臀大肌 Gluteus maximus
6. 股骨头 Head, femur
7. 坐骨 Ischium
8. 闭孔外肌 Obturator externus
9. 耻骨肌 Pectineus
10. 长收肌 Adductor longus
11. 大收肌 Adductor magnus

CHAPTER 16

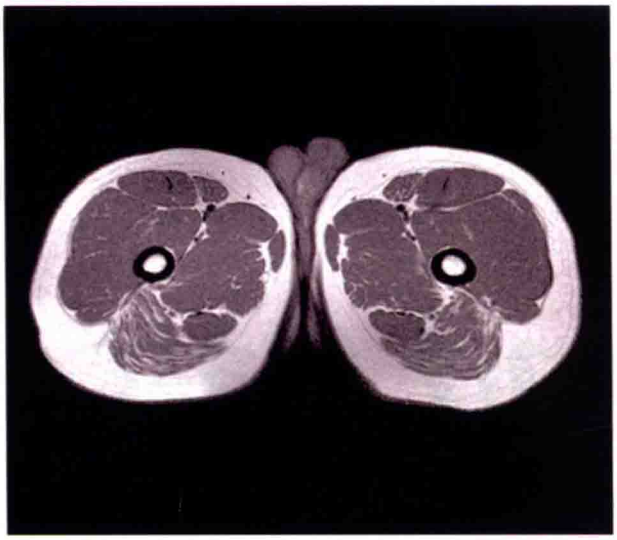
第16章

Thigh and Calf

大腿和小腿



大腿图像



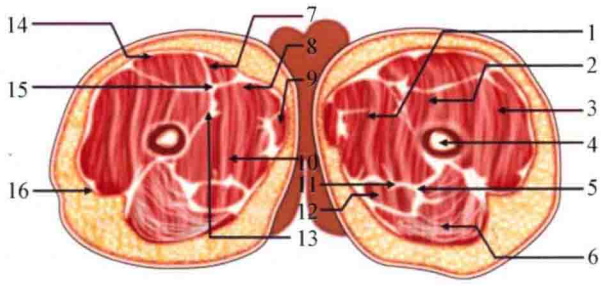


图16-1

1. 短收肌 Adductor brevis
2. 股中间肌 Vastus intermedius
3. 股外侧肌 Vastus lateralis
4. 股骨 Femur
5. 坐骨神经 Sciatic nerve
6. 臀大肌 Gluteus maximus
7. 缝匠肌 Sartorius
8. 长收肌 Adductor longus
9. 股薄肌 Gracilis
10. 大收肌 Adductor magnus
11. 半膜肌 Semimembranosis
12. 半腱肌 Semitendinosis
13. 股深血管 Deep femoral vessels
14. 股直肌 Rectus femoris
15. 股血管 Femoral vessels
16. 髂 - 胫束 Ilio-tibial tract



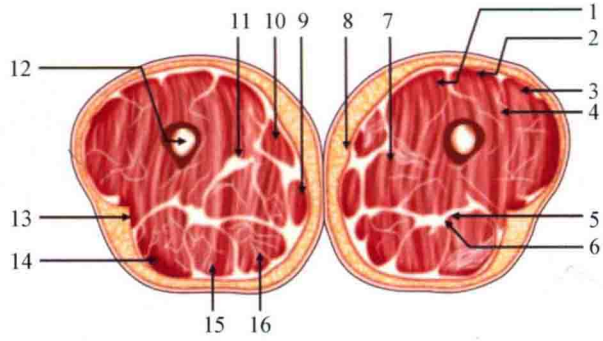
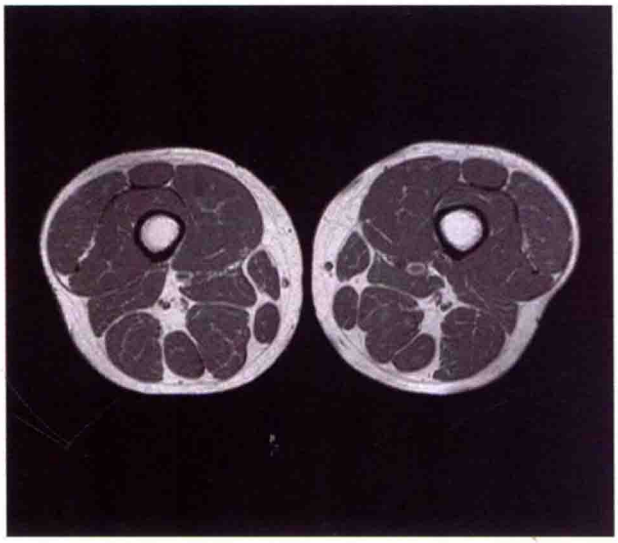


图16-2

1. 股内侧肌 Vastus medialis
2. 股直肌 Rectus femoris
3. 股外侧肌 Vastus lateralis
4. 股中间肌 Vastus intermedius
5. 腓总神经 Common peroneal nerve
6. 胫神经 Tibial nerve
7. 大收肌 Adductor magnus
8. 大隐静脉 Great saphenous vein
9. 股薄肌 Gracilis
10. 缝匠肌 Sartorius
11. 股血管 Femoral vessels
12. 股骨 Femur
13. 股二头肌（短头） Biceps femoris (Short head)
14. 股二头肌（长头） Biceps femoris (Long head)
15. 半腱肌 Semitendinosis
16. 半膜肌 Semimembranosis



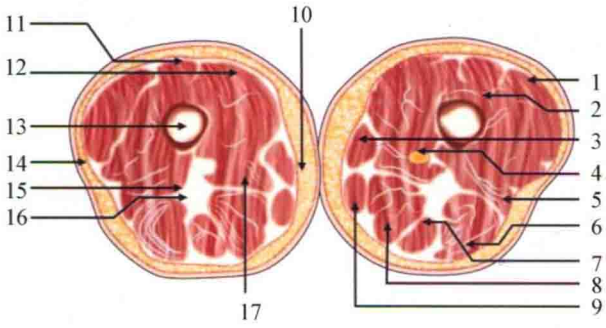
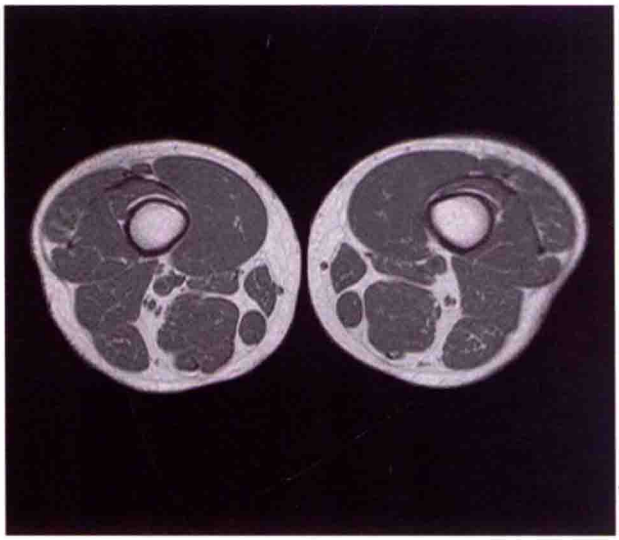


图 16-3

1. 股外侧肌 Vastus lateralis
2. 股中间肌 Vastus intermedius
3. 缝匠肌 Sartorius
4. 股血管 Femoral vessels
5. 股二头肌(短头) Biceps femoris (short head)
6. 股二头肌 Biceps femoris
7. 半腱肌 Semitendinosis
8. 半膜肌 Semimembranosis
9. 股薄肌 Gracilis
10. 大隐静脉 Great saphenous vein
11. 股直肌 Rectus femoris
12. 股内侧肌 Vastus medialis
13. 股骨 Femur
14. 髂 - 胫束 Ilio-tibial tract
15. 腓总神经 Common peroneal nerve
16. 胫神经 Tibial nerve
17. 大收肌 Adductor magnus



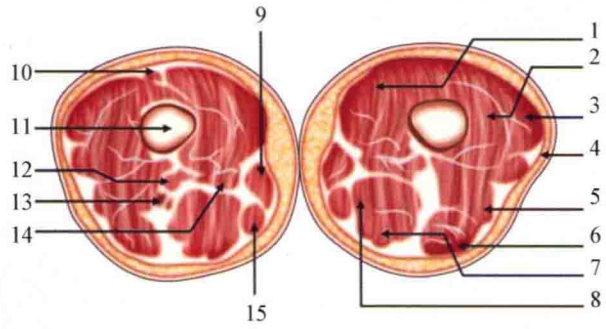


图 16-4

1. 股内侧肌 Vastus medialis
2. 股中间肌 Vastus intermedius
3. 股外侧肌 Vastus lateralis
4. 髂 - 胫束 Ilio-tibial tract
5. 股二头肌(短头) Biceps femoris (short head)
6. 股二头肌(长头) Biceps femoris (long head)
7. 半腱肌 Semitendinosis
8. 半膜肌 Semimembranosis
9. 缝匠肌 Sartorius
10. 股方肌 Quadriceps femoris
11. 股骨 Femur
12. 腘血管 Popliteal vessels
13. 腓总神经 Common peroneal nerve
14. 大收肌 Adductor magnus
15. 股薄肌 Gracilis

冠状位图像



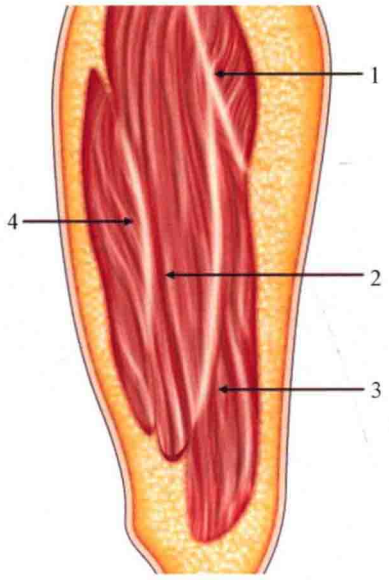


图 16-5

1. 缝匠肌 Sartorius
2. 股直肌 Rectus femoris
3. 股内侧肌 Vastus medialis
4. 股外侧肌 Vastus lateralis



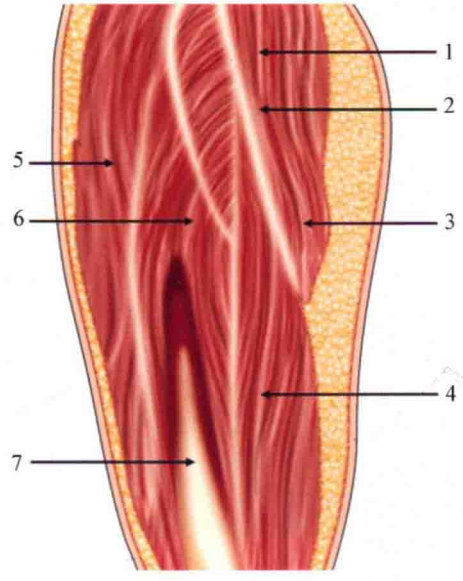


图 16-6

1. 长收肌 Adductor longus
2. 股血管 Femoral vessels
3. 缝匠肌 Sartorius
4. 股内侧肌 Vastus medialis
5. 股外侧肌 Vastus lateralis
6. 股中间肌 Vastus intermedius
7. 股骨 Femur



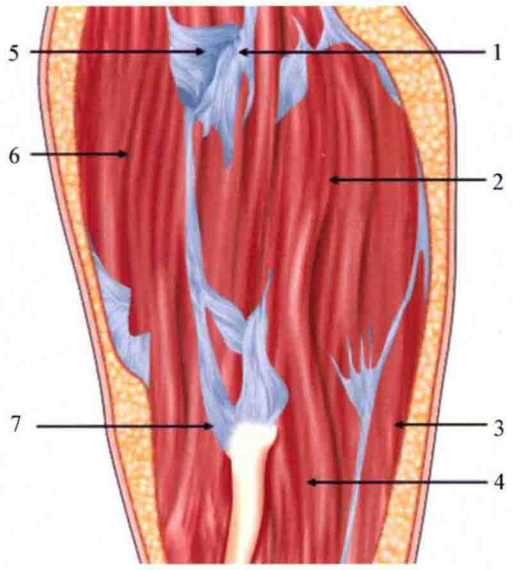


图 16-7

1. 股血管 Femoral vessels
2. 大收肌 Adductor magnus
3. 股薄肌 Gracilis
4. 半膜肌 Semimembranosus
5. 臀大肌 Gluteus maximus
6. 股外侧肌 Vastus lateralis
7. 股二头肌 Biceps femoris



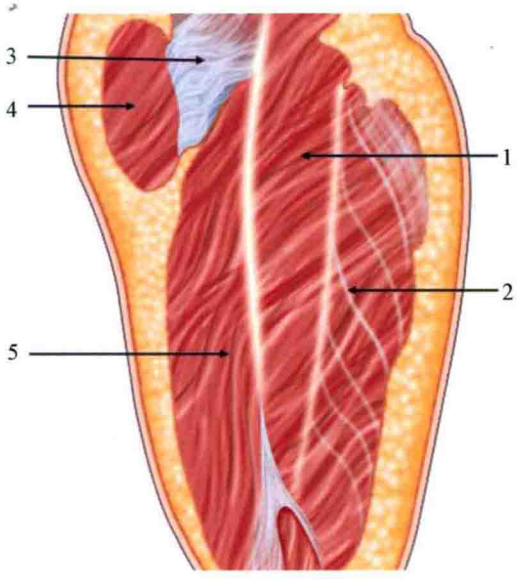


图 16-8

1. 半腱肌 Semitendinosus
2. 半膜肌 Semimembranosus
3. 臀大肌 Gluteus maximus
4. 股外侧肌 Vastus lateralis
5. 股二头肌 Biceps femoris

矢状位图像



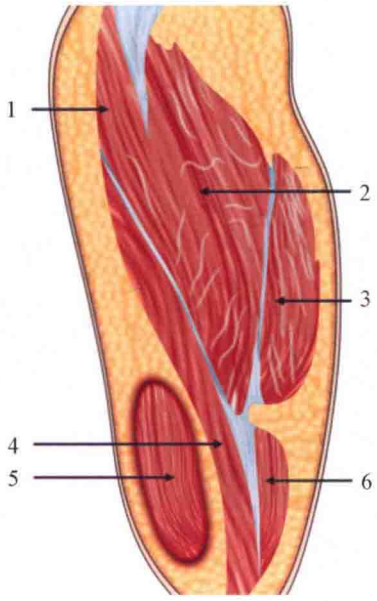


图 16-9

1. 长收肌 Adductor longus
2. 大收肌 Adductor magnus
3. 半膜肌 Semimembranosus
4. 缝匠肌 Sartorius
5. 股内侧肌 Vastus medialis
6. 股薄肌 Gracilis



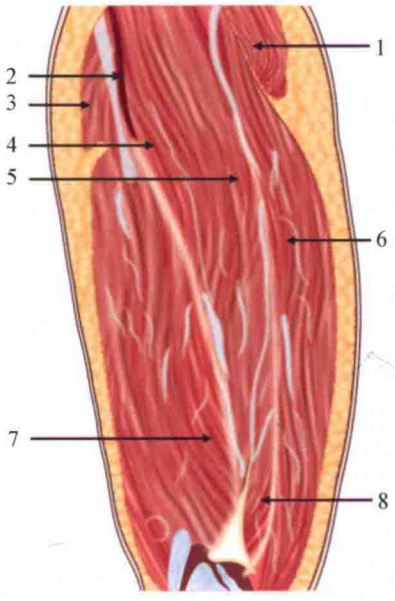
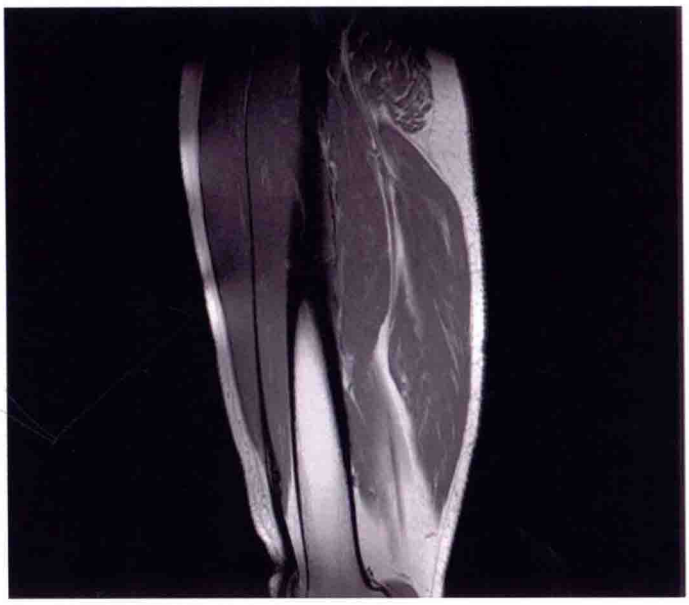


图 16-10

1. 臀大肌 Gluteus maximus
2. 股血管 Femoral vessels
3. 缝匠肌 Sartorius
4. 长收肌 Adductor longus
5. 大收肌 Adductor magnus
6. 半腱肌 Semitendinosus
7. 股内侧肌 Vastus medialis
8. 半膜肌 Semimembranosus



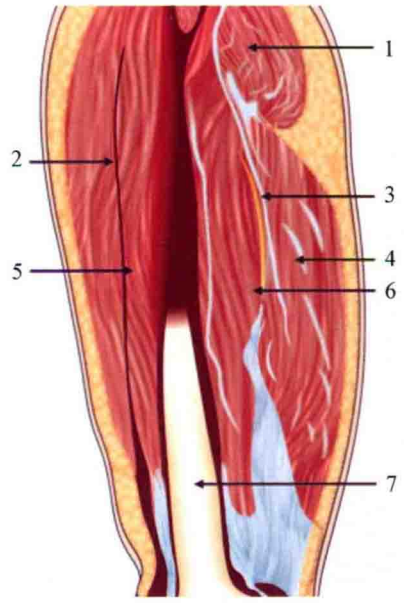


图16-11

1. 臀大肌 Gluteus maximus
2. 股直肌 Rectus femoris
3. 坐骨神经 Sciatic nerve
4. 股二头肌 Biceps femoris
5. 股中间肌 Vastus intermedius
6. 大收肌 Adductor magnus
7. 股骨 Femur



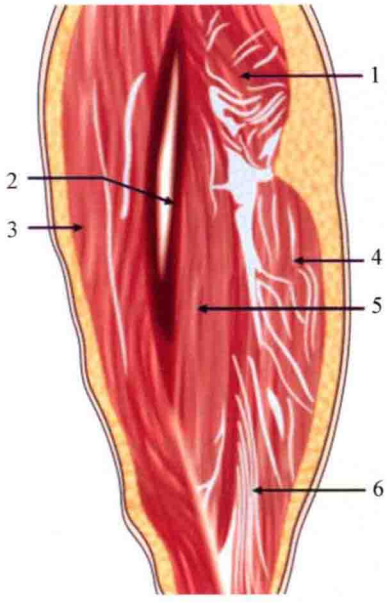
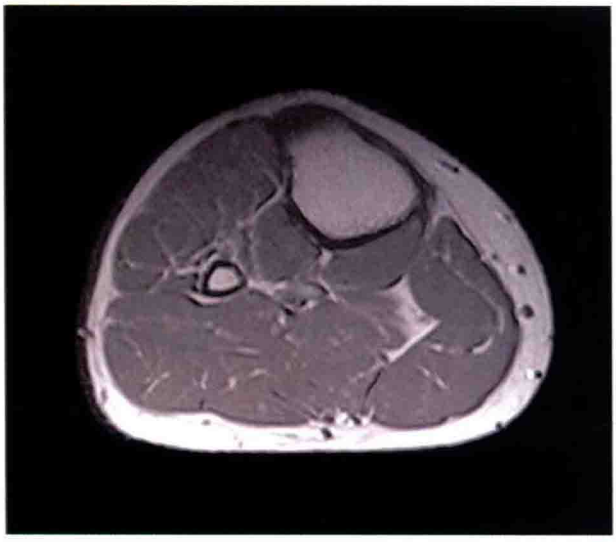


图16-12

1. 臀大肌 Gluteus maximus
2. 股骨 Femur
3. 股外侧肌 Vastus lateralis
4. 股二头肌 Biceps femoris
5. 股中间肌 Vastus intermedius
6. 股二头肌(短头) Biceps femoris (short head)

小腿图像



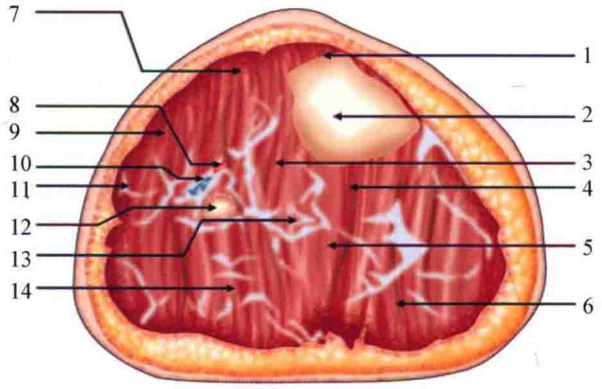


图16-13

1. 胫骨结节 Tibial tuberosity
2. 胫骨 Tibia
3. 胫骨后肌 Tibialis posterior
4. 腘肌 Popliteus
5. 比目鱼肌 Soleus
6. 腓肠肌，内侧头 Gastrocnemius, medial head
7. 胫骨前肌 Tibialis anterior
8. 胫前动脉 Anterior tibial artery
9. 趾长伸肌 Extensor digitorum longus
10. 腓总神经 Common peroneal nerve
11. 腓骨长肌 Peroneus longus
12. 腓骨 Fibula
13. 胫后，腓动脉 Posterior tibial, peroneal artery
14. 腓肠肌，外侧头 Gastrocnemius, lateral head



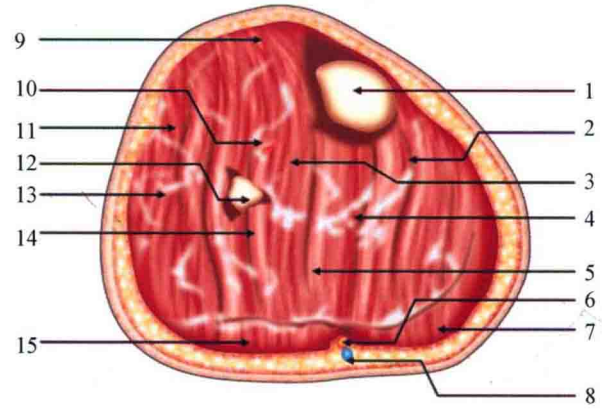


图16-14

1. 胫骨 Tibia
2. 趾长屈肌 Flexor digitorum longus
3. 胫骨后肌 Tibialis posterior
4. 胫后动脉，胫神经 Posterior tibial artery, tibial nerve
5. 比目鱼肌 Soleus
6. 腓肠神经 Sural nerve
7. 腓肠肌，内侧头 Gastrocnemius, medial head
8. 小隐静脉 Lesser saphenous vein
9. 胫骨前肌 Tibialis anterior
10. 胫前动脉，腓深神经 Anterior tibial artery, Deep peroneal nerve
11. 跗、趾长伸肌 Extensor hallucis and digitorum longus
12. 腓骨 Fibula
13. 腓骨长、短肌 Peroneus longus, brevis
14. 跗长屈肌 Flexor hallucis longus
15. 腓肠肌，外侧头 Gastrocnemius, lateral head



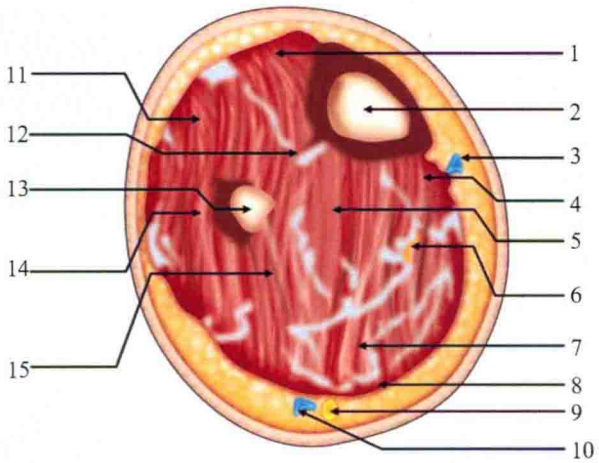


图16-15

1. 胫骨前肌　Tibialis anterior
2. 胫骨　Tibia
3. 大隐静脉　Greater saphenous vein
4. 趾长屈肌　Flexor digitorum longus
5. 胫骨后肌　Tibialis posterior
6. 胫后动脉，胫神经　Posterior tibial artery, tibial nerve
7. 比目鱼肌　Soleus
8. 腓肠肌腱　Gastrocnemius tendon
9. 腓肠神经　Sural nerve
10. 小隐静脉　Lesser saphenous vein
11. 趾、趾长伸肌　Extensor hallucis and digitorum longus
12. 骨间膜　Interosseous membrane
13. 腓骨　Fibula
14. 腓骨长、短肌　Peroneus longus and brevis
15. 趾长屈肌　Flexor hallucis longus



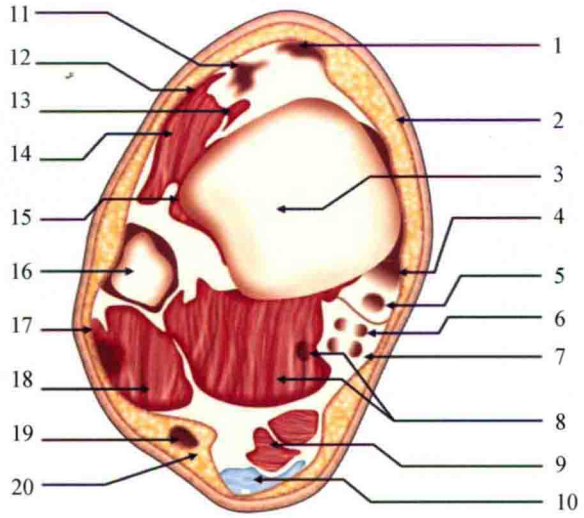


图16-16

1. 胫骨前肌腱　Tibialis anterior tendon
2. 大隐静脉　Great saphenous vein
3. 胫骨　Tibia
4. 胫骨后肌腱　Tibialis posterior tendon
5. 趾长屈肌腱　Flexor digitorum longus tendon
6. 胫后动脉　Posterior tibial artery
7. 胫神经　Tibial nerve
8. 趾长屈肌和肌腱　Flexor hallucis longus muscle and tendon
9. 比目鱼肌　Soleus
10. 跟腱　Achilles tendon
11. 趾长伸肌腱　Extensor hallucis longus tendon
12. 趾长伸肌腱　Extensor digitorum longus tendon
13. 胫前动脉　Anterior tibial artery
14. 第三腓骨肌　Peroneus tertius
15. 胫骨，前结节　Anterior tubercle, tibia
16. 腓骨　Fibula
17. 腓骨长肌腱　Peroneus longus tendon
18. 腓骨短肌　Peroneus brevis
19. 小隐静脉　Lesser saphenous vein
20. 腓肠神经　Sural nerve

冠状位图像



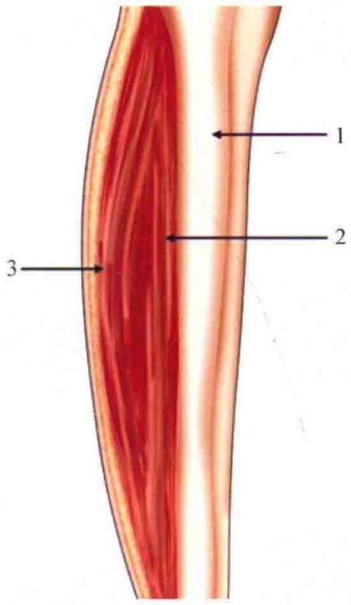
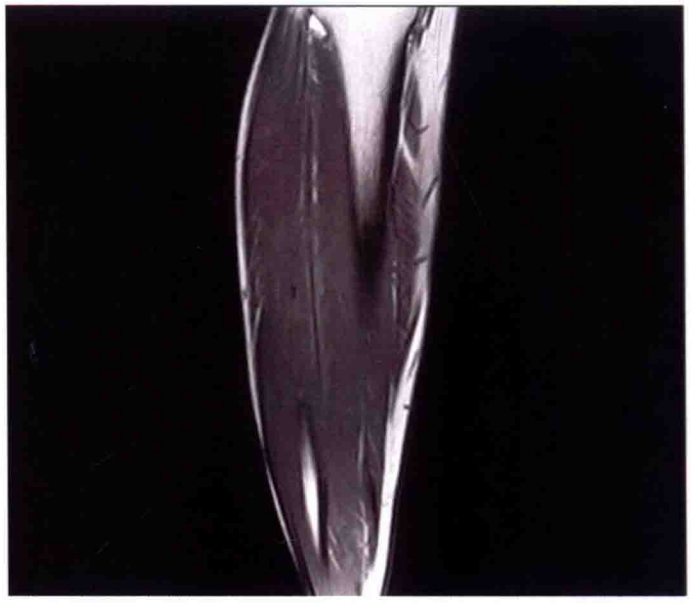


图16-17

1. 胫骨　Tibia
2. 胫骨前肌　Tibialis anterior
3. 趾、趾长伸肌　Extensor digitorum and extensor hallucis longus



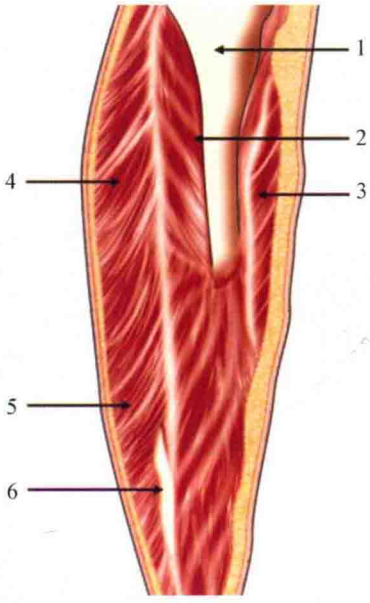
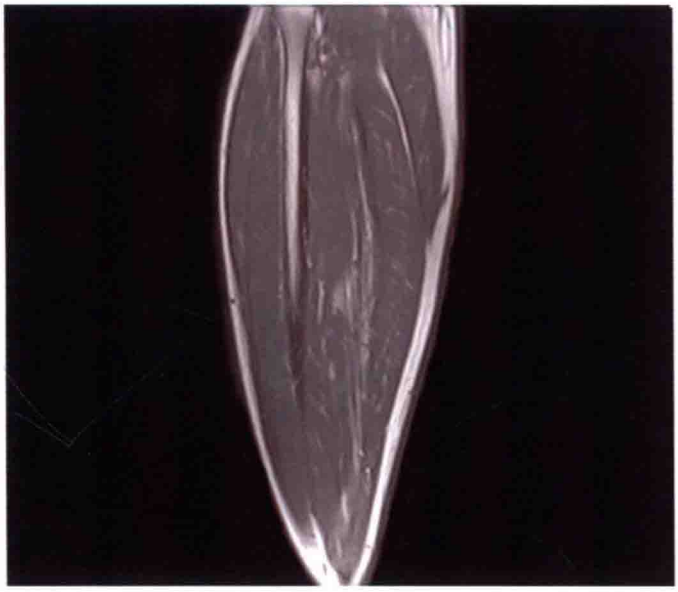


图16-18

1. 胫骨　Tibia
2. 胫骨后肌　Tibialis posterior
3. 比目鱼肌　Soleus
4. 腓骨长肌　Peroneus longus
5. 腓骨短肌　Peroneus brevis
6. 腓骨　Fibula



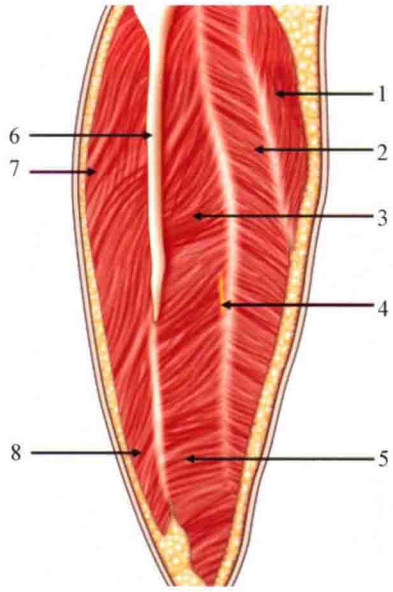
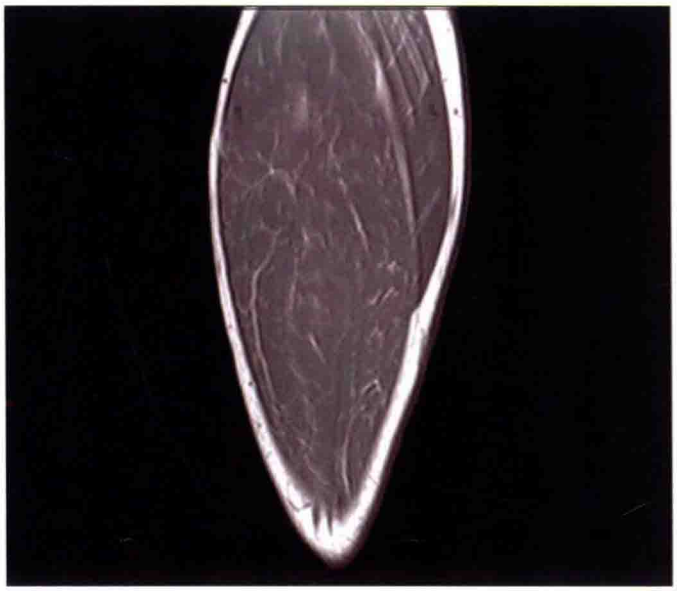


图16-19

1. 腓肠肌，内侧头　Gastrocnemius, medial head
2. 比目鱼肌　Soleus
3. 胫骨后肌　Tibialis posterior
4. 胫后动脉，胫神经　Posterior tibial artery, tibial nerve
5. 跨长屈肌　Flexor hallucis longus
6. 腓骨　Fibula
7. 腓骨长肌　Peroneus longus
8. 腓骨短肌　Peroneus brevis



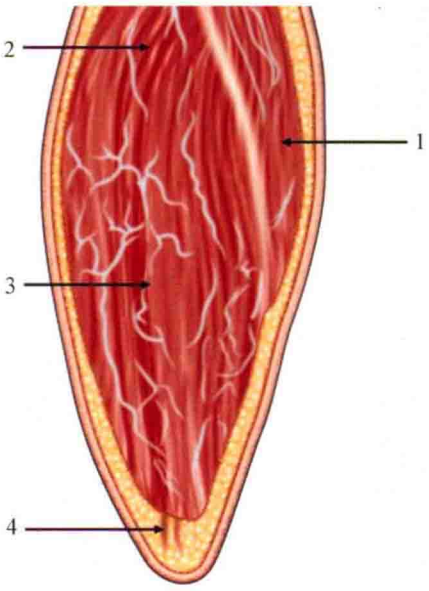
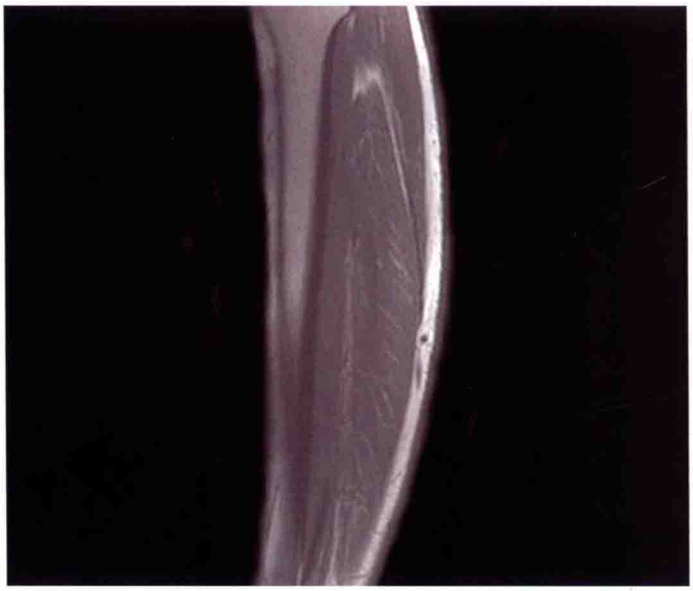


图16-20

1. 腓肠肌，内侧头　Gastrocnemius, medial head
2. 腓肠肌，外侧头　Gastrocnemius, lateral head
3. 比目鱼肌　Soleus
4. 小隐静脉　Lesser saphenous vein

矢状位图像



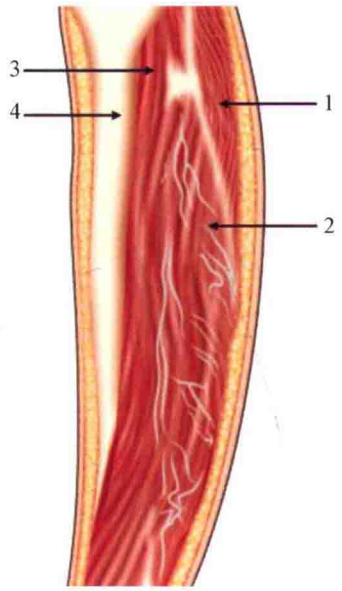
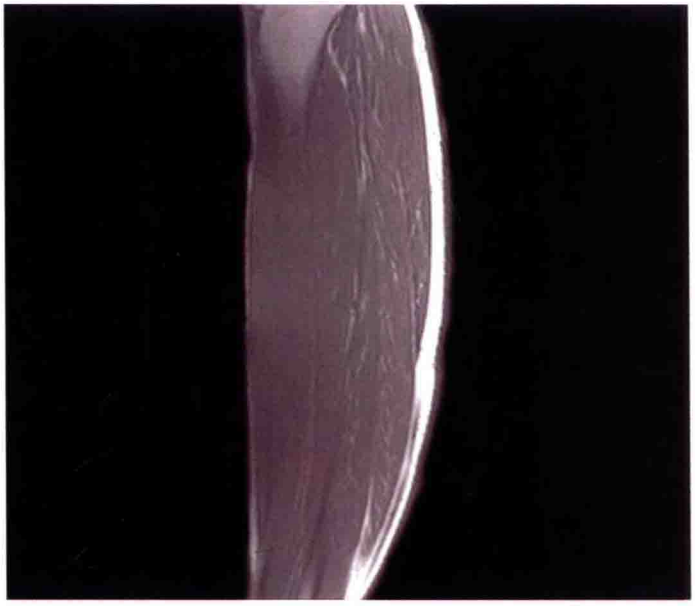


图16-21

1. 腓肠肌，内侧头　Gastrocnemius, medial head
2. 比目鱼肌　Soleus
3. 腘肌　Popliteus muscle
4. 胫骨　Tibia



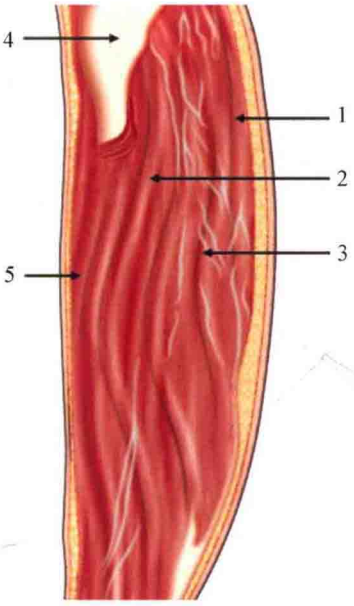
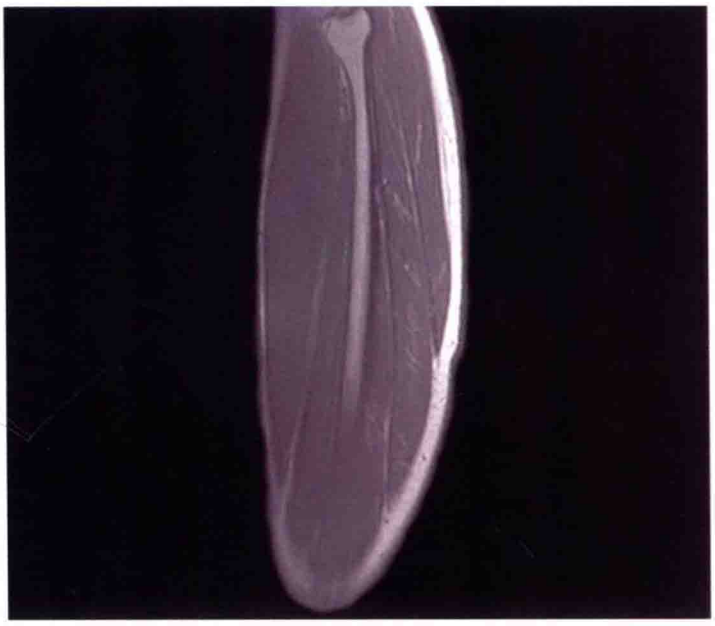


图16-22

1. 腓肠肌，内侧头　Gastrocnemius, medial head
2. 胫骨后肌　Tibialis posterior
3. 比目鱼肌　Soleus
4. 胫骨　Tibia
5. 胫骨前肌　Tibialis anterior



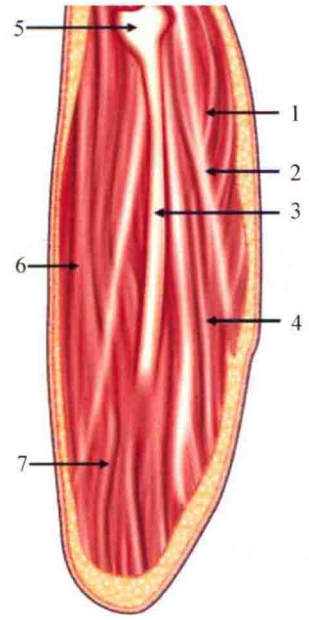
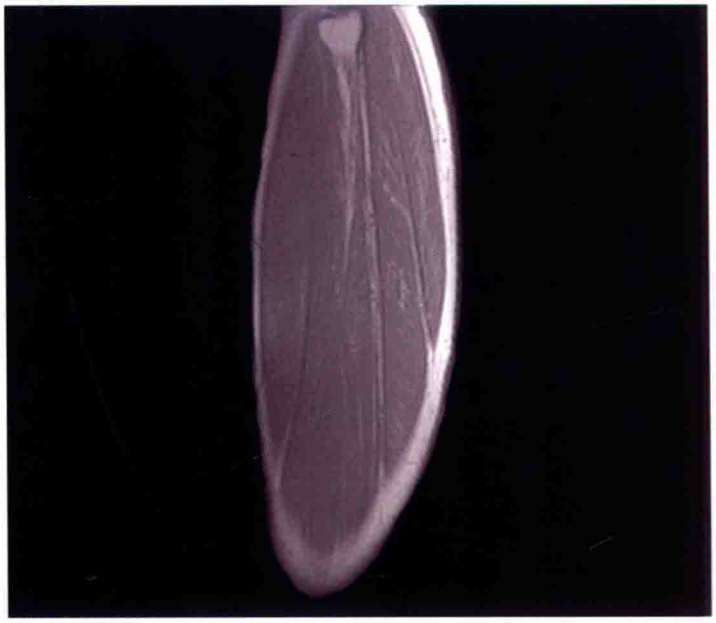


图16-23

1. 腓肠肌，外侧头　Gastrocnemius, lateral head
2. 比目鱼肌　Soleus
3. 腓骨　Fibula
4. 跨长屈肌　Flexor hallucis longus
5. 腓骨头　Fibula, head
6. 胫骨前肌　Tibialis anterior
7. 跨、趾长伸肌　Extensor hallucis and digitorum longus



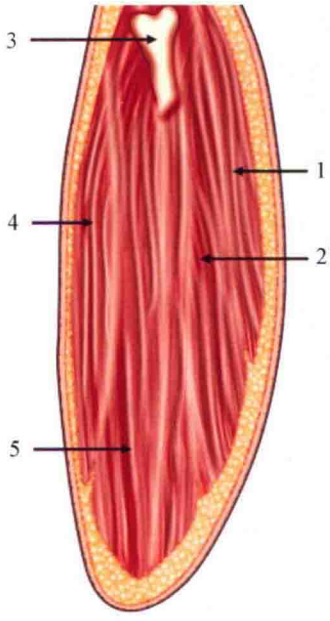


图16-24

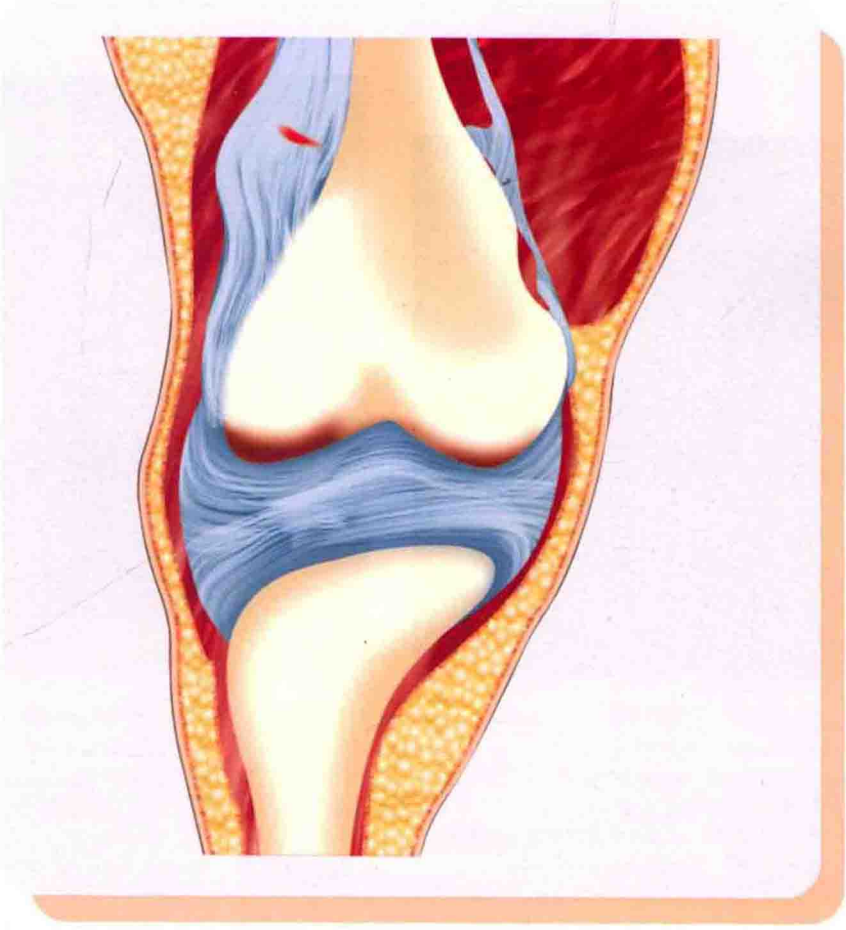
1. 腓肠肌，外侧头　Gastrocnemius, lateral head
2. 比目鱼肌　Soleus
3. 腓骨　Fibula
4. 跨、趾长伸肌　Extensor hallucis and digitorum longus
5. 腓骨长、短肌　Peroneus longus and brevis

CHAPTER 17

第17章

Knee

膝



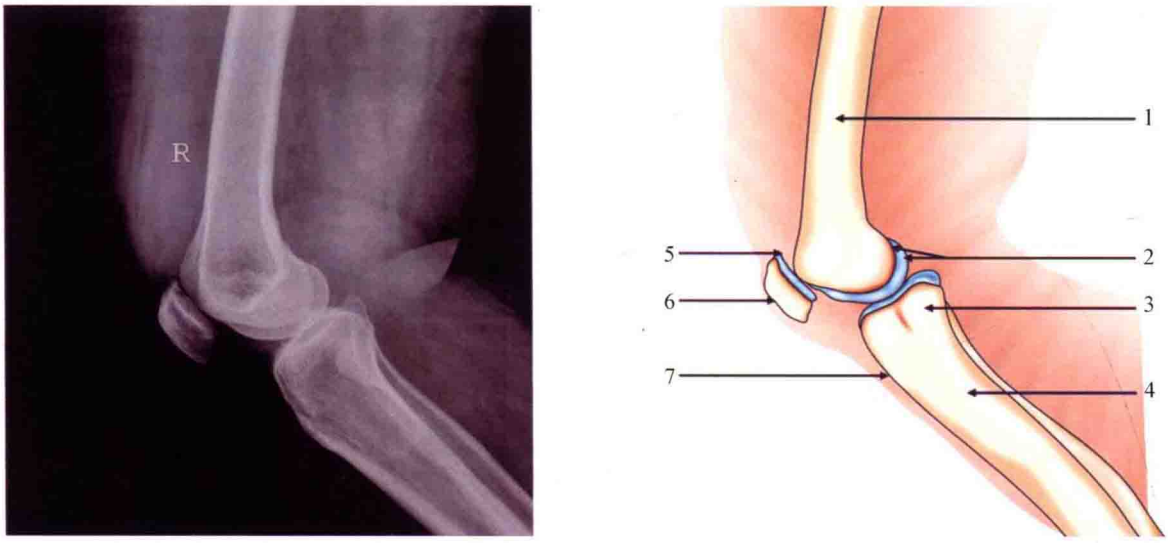


图17-1

1. 股骨 Femur
2. 股骨髁 Femoral condyles
3. 腓骨头 Fibula, head
4. 胫骨 Tibia
5. 髌股关节 Patello-femoral joint
6. 髌骨 Patella
7. 胫骨结节 Tibial tuberosity

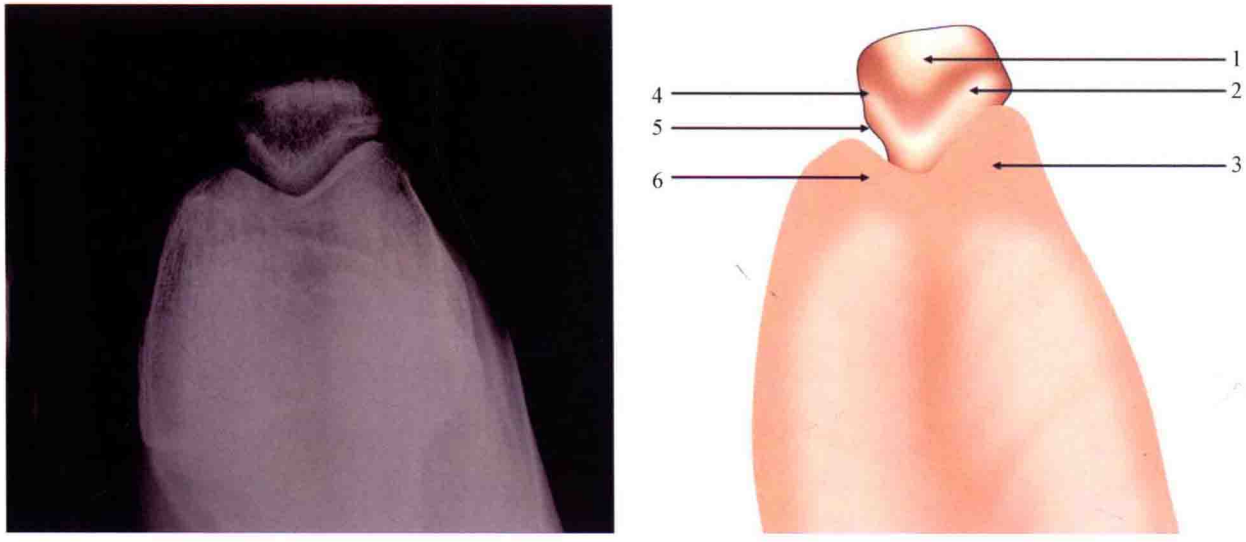


图17-2

1. 髌骨 Patella
2. 髌骨外侧关节面 Lateral patellar facet
3. 股骨外侧髁 Lateral femoral condyle
4. 髌骨内侧关节面 Medial patellar facet
5. 髌股关节 Patellofemoral joint
6. 股骨内侧髁 Medial femoral condyle



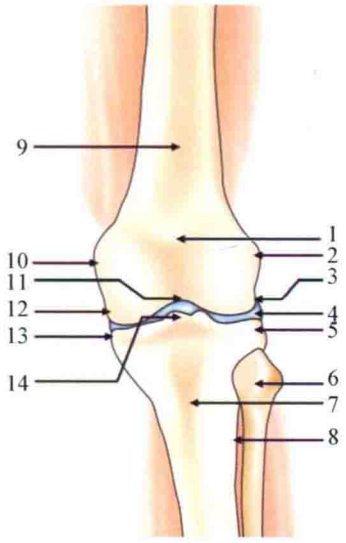
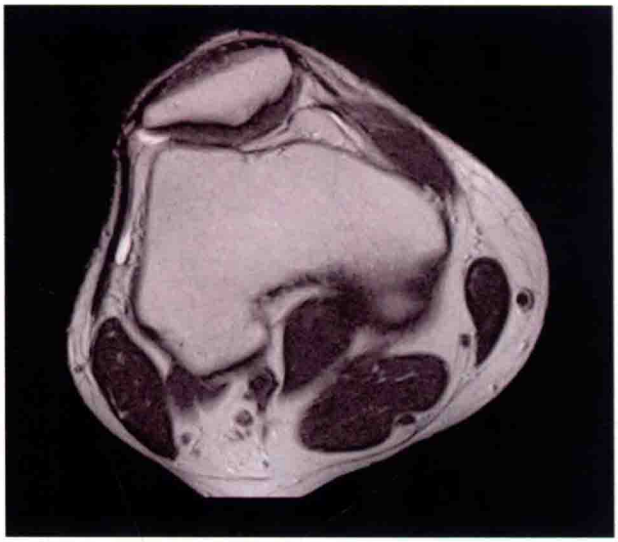


图17-3

1. 髌骨 Patella
2. 股骨外上髁 Lateral femoral epicondyle
3. 股骨外侧髁 Lateral femoral condyle
4. 关节间隙 Joint space
5. 胫骨外侧髁 Lateral tibial condyle
6. 腓骨头 Fibular head
7. 胫骨 Tibia
8. 骨间膜 Interosseous membrane
9. 股骨 Femur
10. 股骨内上髁 Medial femoral epicondyle
11. 髁间窝 Intercondylar fossa
12. 股骨内侧髁 Medial femoral condyle
13. 胫骨内侧髁 Medial tibial condyle
14. 胫骨结节 Tibial tubercle



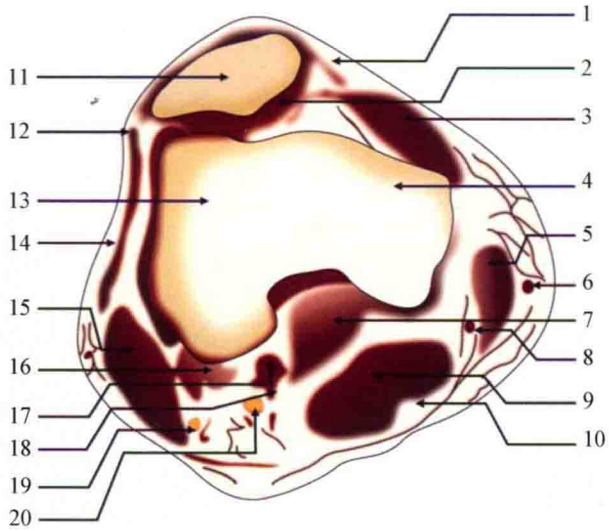
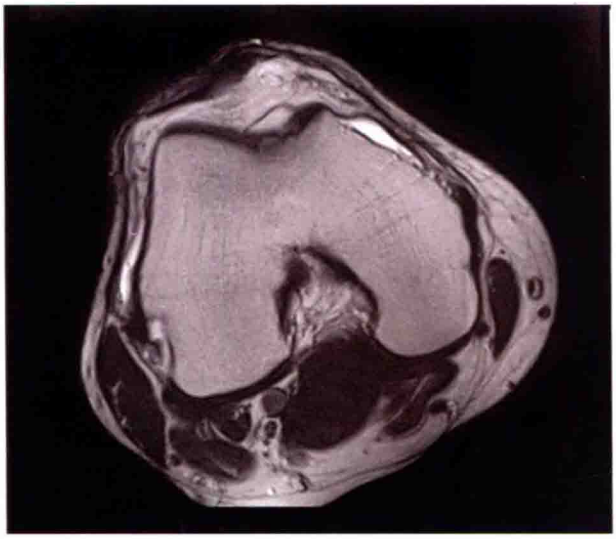


图17-4

1. 髌内侧支持带 Medial patellar retinaculum
2. 关节软骨 Articular cartilage
3. 股内侧肌 Vastus medialis
4. 股骨内侧髁 Medial femoral condyle
5. 缝匠肌 Sartorius
6. 大隐静脉 Great saphenous vein
7. 腓肠肌，内侧头 Gastrocnemius, medial head
8. 股薄肌 Gracilis
9. 半膜肌 Semimembranosus
10. 半腱肌腱 Semitendinosus tendon
11. 髌骨 Patella
12. 髌外侧支持带 Lateral patellar retinaculum
13. 股骨外侧髁 Lateral femoral condyle
14. 髂 - 胫束 Ilio-tibial tract
15. 二头肌 Biceps
16. 腓肠肌外侧头 Gastrocnemius lateral head
17. 腘动脉 Popliteal artery
18. 腘静脉 Popliteal vein
19. 腓总神经 Common peroneal nerve
20. 胫神经 Tibial nerve



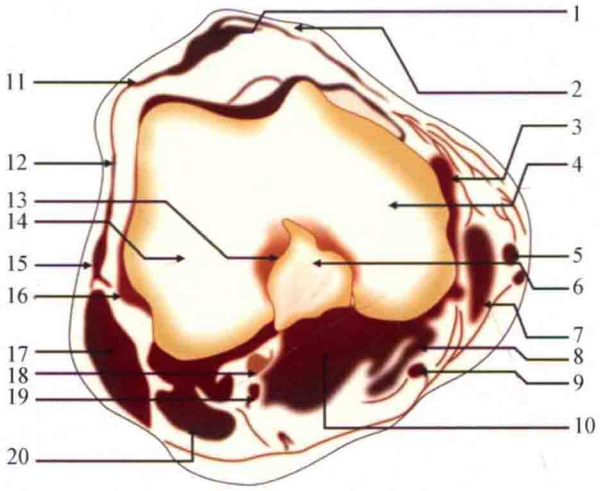
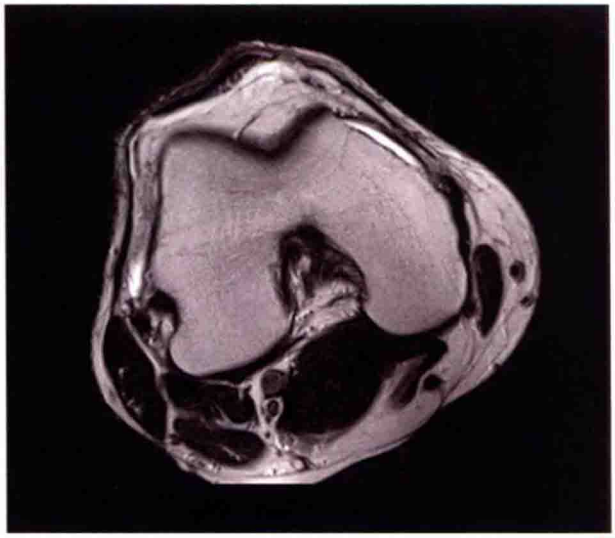


图17-5

1. 髌韧带 Patellar ligament
2. 髌内侧支持带 Medial patellar retinaculum
3. 内侧副韧带 Medial collateral ligament
4. 股骨内侧髁 Medial femoral condyle
5. 大隐静脉 Great saphenous vein
6. 髁间窝 Intercondylar notch
7. 缝匠肌 Sartorius
8. 半膜肌 Semimembranosus
9. 半腱肌腱 Semitendinosus tendon
10. 腓肠肌,内侧头 Gastrocnemius, medial head
11. 髌外侧支持带 Lateral patellar retinaculum
12. 髂胫束 Iliotibial tract
13. 前交叉韧带 Anterior cruciate ligament
14. 股骨外侧髁 Lateral femoral condyle
15. 外侧副韧带 Lateral collateral ligament
16. 腘肌腱 Popliteus tendon
17. 二头肌 Biceps
18. 腘动脉 Popliteal artery
19. 腘静脉 Popliteal vein
20. 腓肠肌,外侧头 Gastrocnemius, lateral head



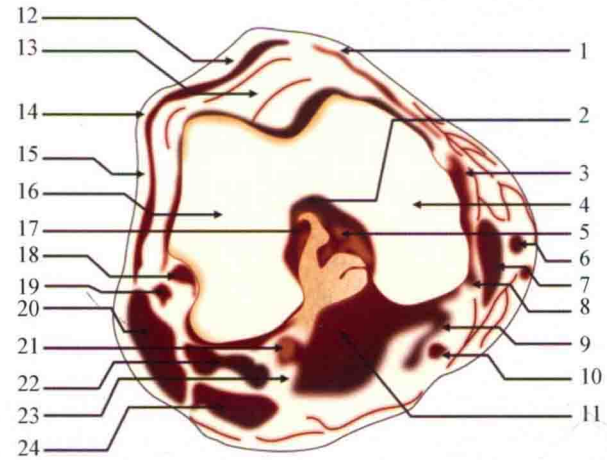


图17-6

1. 髌内侧支持带 Medial patellar retinaculum
2. 髁间窝 Intercondylar notch
3. 内侧副韧带 Medial collateral ligament
4. 股骨内侧髁 Medial femoral condyle
5. 后交叉韧带 Posterior cruciate ligament
6. 大隐静脉 Great saphenous vein
7. 缝匠肌 Sartorius
8. 股薄肌 Gracilis
9. 半膜肌 Semimembranosus
10. 半腱肌腱 Semitendinosus tendon
11. 腓肠肌,内侧头 Gastrocnemius, medial head
12. 髌韧带 Patellar ligament
13. 髌下脂肪体 Infrapatellar fat
14. 髌外侧支持带 Lateral patellar retinaculum
15. 髂 - 胫束 Ilio-tibial tract
16. 股骨外侧髁 Lateral femoral condyle
17. 前交叉韧带 Anterior cruciate ligament
18. 腘肌腱 Popliteus tendon
19. 外侧副韧带 Lateral collateral ligament
20. 二头肌 Biceps
21. 腘动脉 Popliteal artery
22. 跖肌 Plantaris
23. 胫神经 Tibial nerve
24. 腓肠肌,外侧头 Gastrocnemius, lateral head



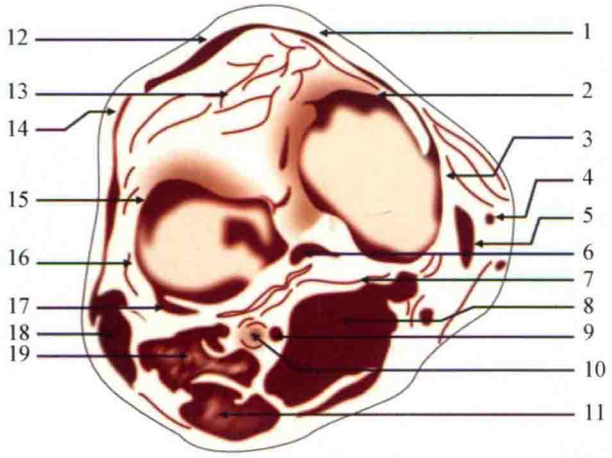
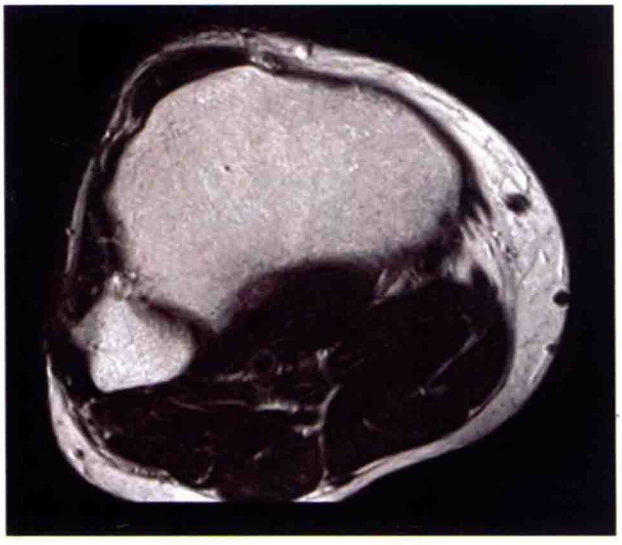


图17-7

1. 髌内侧支持带　Medial patellar retinaculum
2. 内侧半月板　Medial meniscus
3. 内侧副韧带　Medial collateral ligament
4. 大隐静脉　Great saphenous vein
5. 股薄肌　Gracilis
6. 后交叉韧带　Posterior cruciate ligament
7. 后关节囊　Posterior joint capsule
8. 腓肠肌，内侧头　Gastrocnemius, medial head
9. 腘静脉　Popliteal vein
10. 腘动脉　Popliteal artery
11. 腓肠肌，外侧头　Gastrocnemius, lateral head
12. 髌韧带　Patellar ligament
13. 髌下脂体　Infrapatellar Hoffa's fat pad
14. 髌外侧支持带　Lateral patellar retinaculum
15. 外侧半月板　Lateral meniscus
16. 外侧副韧带　Lateral collateral ligament
17. 腘肌腱　Popliteus tendon
18. 二头肌　Biceps
19. 跖肌　Plantaris



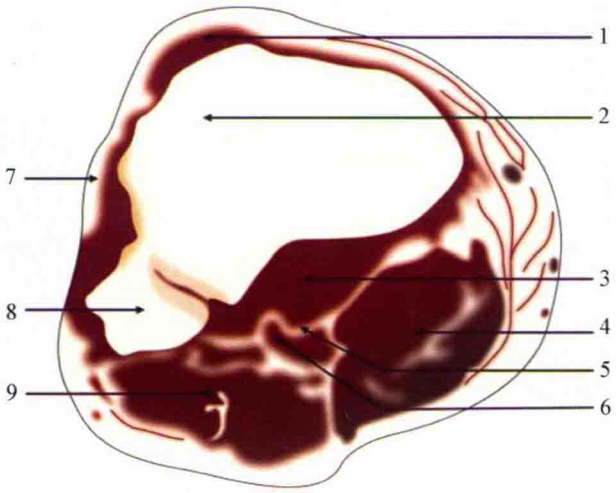


图17-8

1. 髌韧带　Patellar ligament
2. 胫骨　Tibia
3. 腘肌　Popliteus
4. 腓肠肌内侧头　Gastrocnemius medial head
5. 腘静脉　Popliteal vein
6. 腘动脉　Popliteal artery
7. 髂胫束　Iliotibial tract
8. 腓骨　Fibula
9. 腓肠肌外侧头　Gastrocnemius lateral head

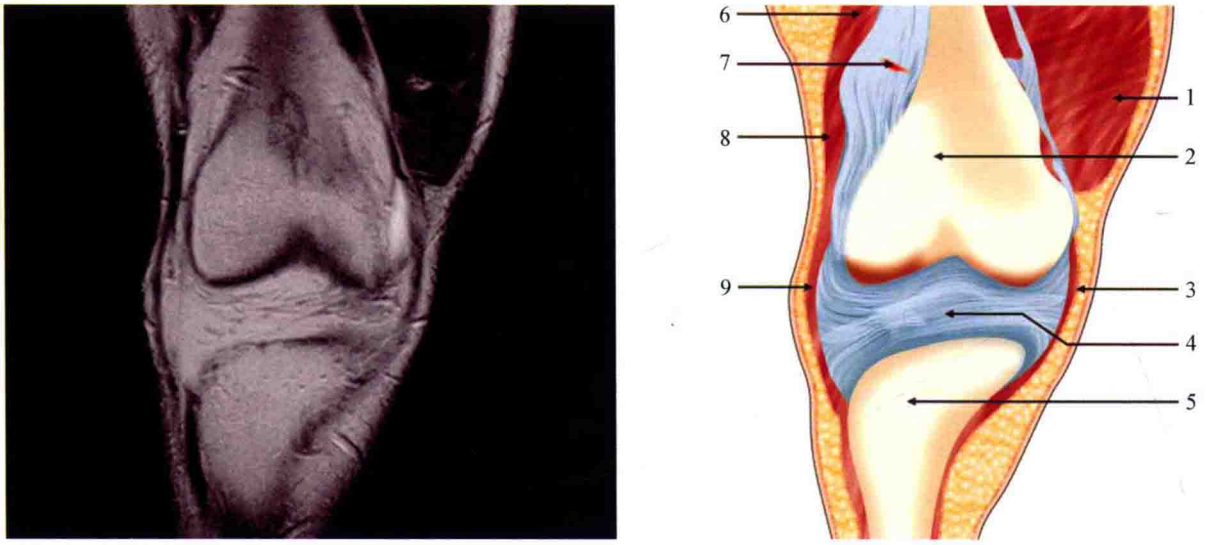


图17-9

1. 股内侧肌 Vastus medialis
2. 股骨 Femur
3. 髌内侧支持带 Medial patellar retinaculum
4. 髌下脂体 Infrapatellar fat
5. 胫骨 Tibia
6. 股外侧肌 Vastus lateralis
7. 膝上外侧动脉 Superior lateral geniculate artery
8. 髂胫束 Iliotibial tract
9. 髌外侧支持带 Lateral patellar retinaculum

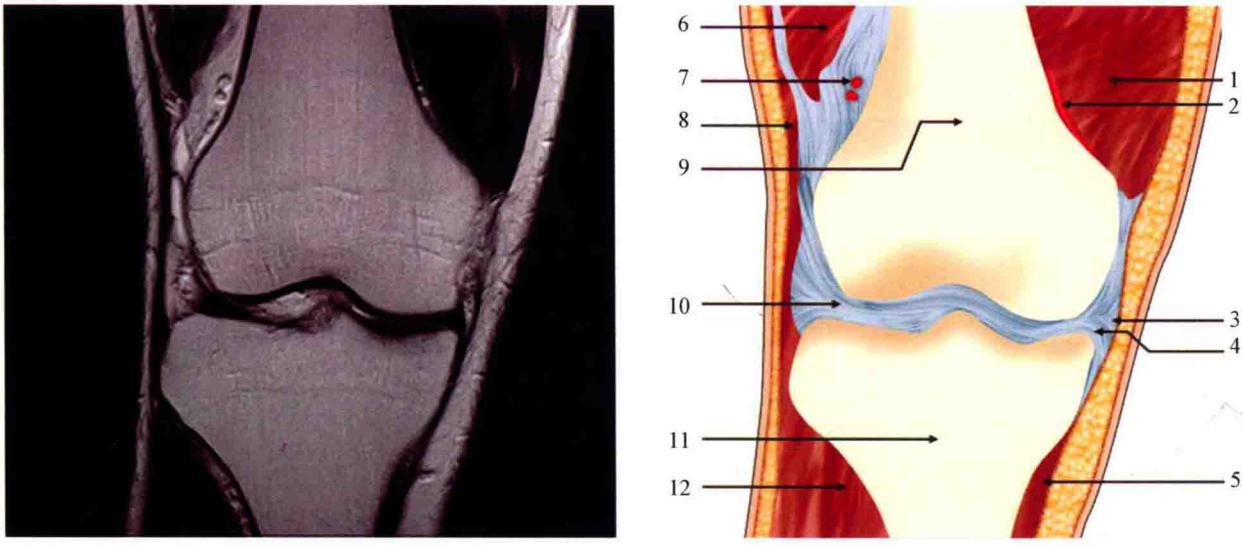
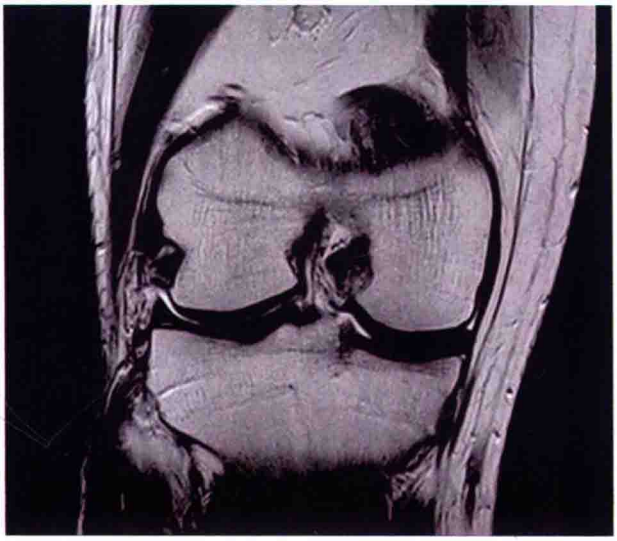


图17-10

1. 股内侧肌 Vastus medialis
2. 膝上内侧动脉 Superior medial genicular artery
3. 内侧副韧带 Medial collateral ligament
4. 内侧半月板，前角 Medial meniscus anterior horn
5. 鹅足囊 Pes anserinus
6. 股外侧肌 Vastus lateralis
7. 膝上外侧动脉 Superior lateral genicular artery
8. 髂 - 胫束 Ilio-tibial tract
9. 股骨 Femur
10. 外侧半月板，前角 Lateral meniscus, anterior horn
11. 胫骨 Tibia
12. 趾长伸肌 Extensor digitorum longus



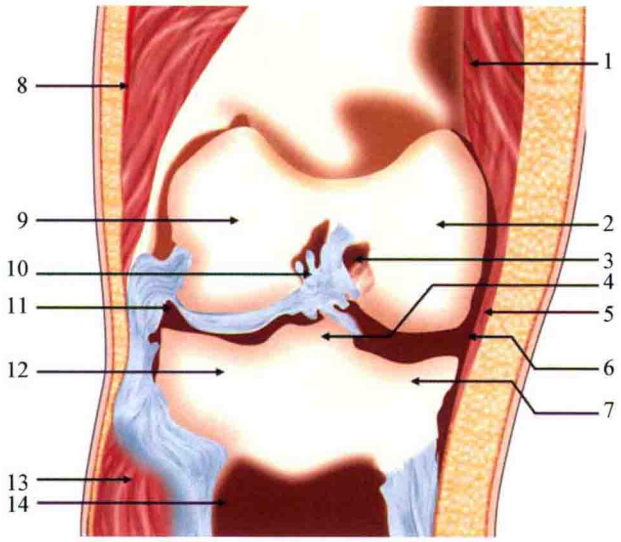
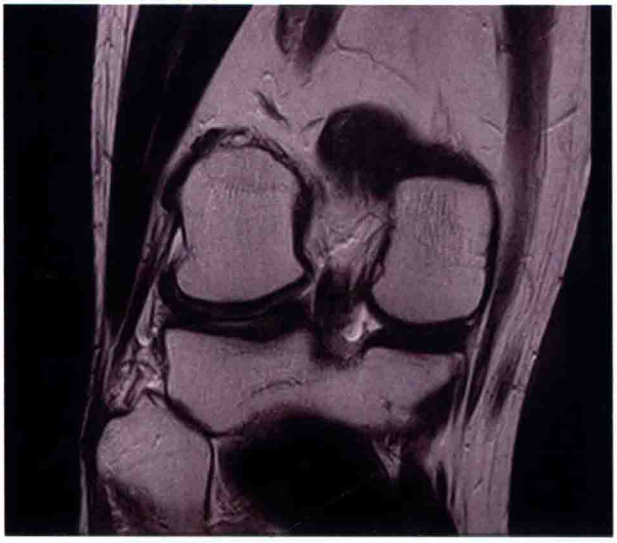


图17-11

1. 股内侧肌 Vastus medialis
2. 股骨髁（内侧） Femoral condyle (medial)
3. 后交叉韧带 Posterior cruciate ligament
4. 胫骨结节 Tibial tubercles
5. 内侧副韧带 Medial collateral ligament
6. 内侧半月板 Medial meniscus
7. 胫骨髁（内侧） Tibial condyle (medial)
8. 髂胫束 Iliotibial tract
9. 股骨髁（外侧） Femoral condyle (lateral)
10. 前交叉韧带 Anterior cruciate ligament
11. 外侧半月板 Lateral meniscus
12. 胫骨髁（外侧） Tibial condyle (lateral)
13. 趾长伸肌 Extensor digitorum longus
14. 胫骨后肌 Tibialis posterior



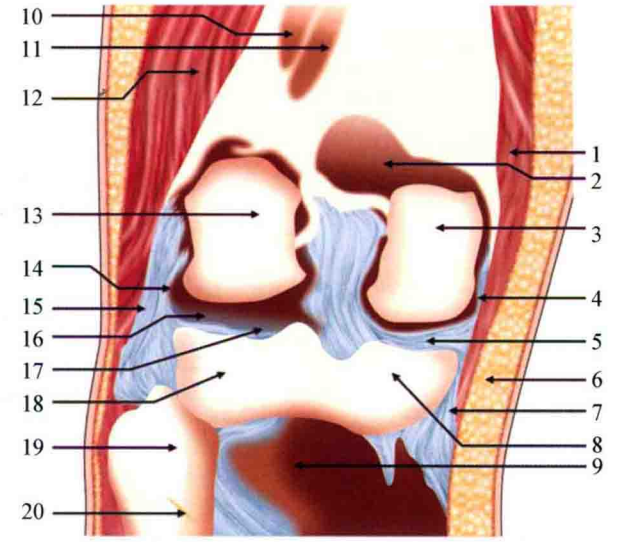


图17-12

1. 缝匠肌 Sartorius
2. 腓肠肌，内侧头 Gastrocnemius, medial head
3. 股骨内侧髁 Medial femoral condyle
4. 内侧副韧带 Medial collateral ligament
5. 内侧半月板 Medial meniscus
6. 大隐静脉 Great saphenous vein
7. 股薄肌腱 Gracilis tendon
8. 胫骨内侧髁 Medial tibial condyle
9. 腘肌 Popliteus
10. 腘静脉 Popliteal vein
11. 腘动脉 Popliteal artery
12. 股二头肌 Biceps femoris
13. 股骨外侧髁 Lateral femoral condyle
14. 腘肌腱 Popliteus tendon
15. 外侧副韧带 Lateral collateral ligament
16. 外侧半月板 Lateral meniscus
17. 关节软骨 Articular cartilage
18. 胫骨外侧髁 Lateral tibial condyle
19. 腓骨 Fibula
20. 腓总神经 Common peroneal nerve

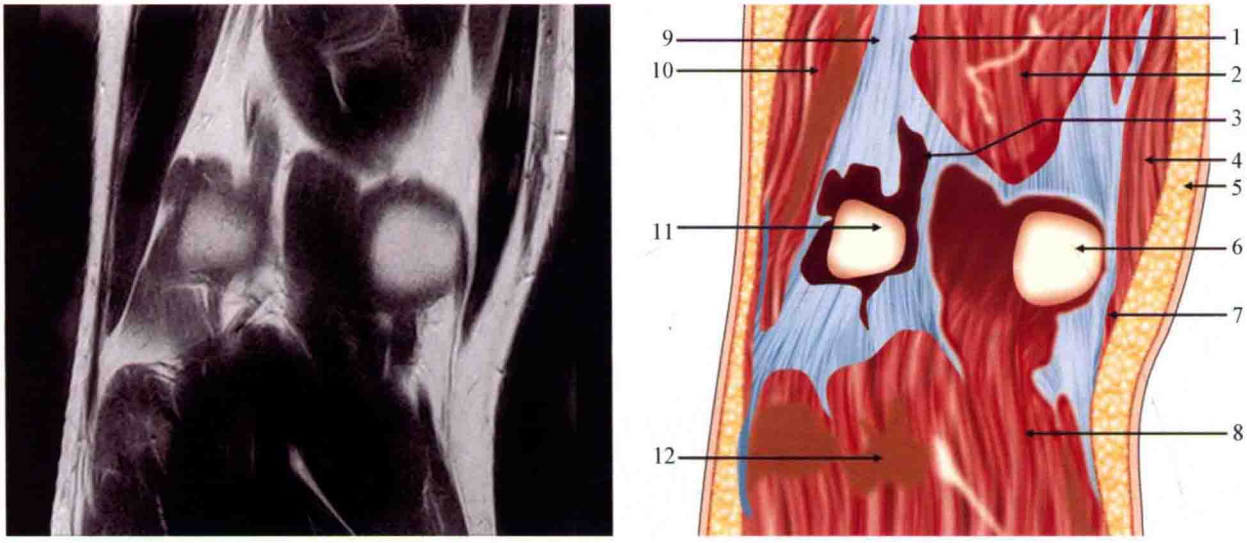


图17-13

1. 胫神经 Tibial nerve
2. 半膜肌 Semimembranosus
3. 腘动脉 Popliteal artery
4. 缝匠肌 Sartorius
5. 大隐静脉 Great saphenous vein
6. 股骨内侧髁 Medial femoral condyle
7. 股薄肌腱 Gracilis tendon
8. 腓肠肌，内侧头 Gastrocnemius, medial head
9. 腓总神经 Common peroneal nerve
10. 股二头肌 Biceps femoris
11. 股骨外侧髁 Lateral femoral condyle
12. 腓肠肌，外侧头 Gastrocnemius, lateral head

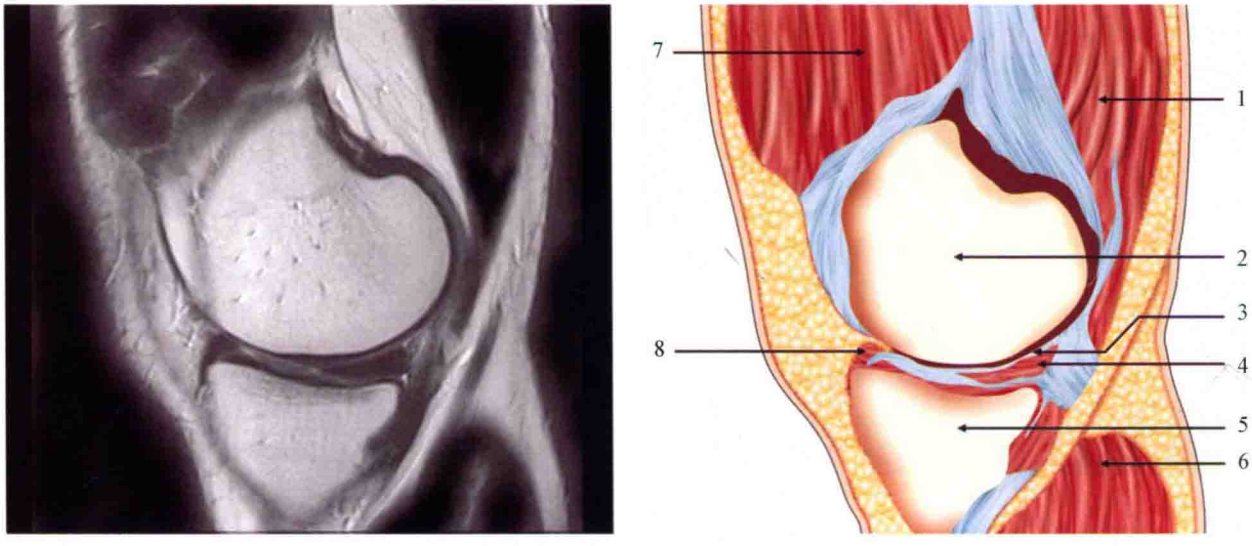


图17-14

1. 半膜肌 Semimembranosus
2. 股骨内侧髁 Medial femoral condyle
3. 关节软骨 Articular cartilage
4. 内侧半月板，后角 Medial meniscus, posterior horn
5. 胫骨内侧髁 Medial tibial condyle
6. 腓肠肌（内侧头） Gastrocnemius (medial head)
7. 股内侧肌 Vastus medialis
8. 内侧半月板，前角 Medial meniscus, anterior horn

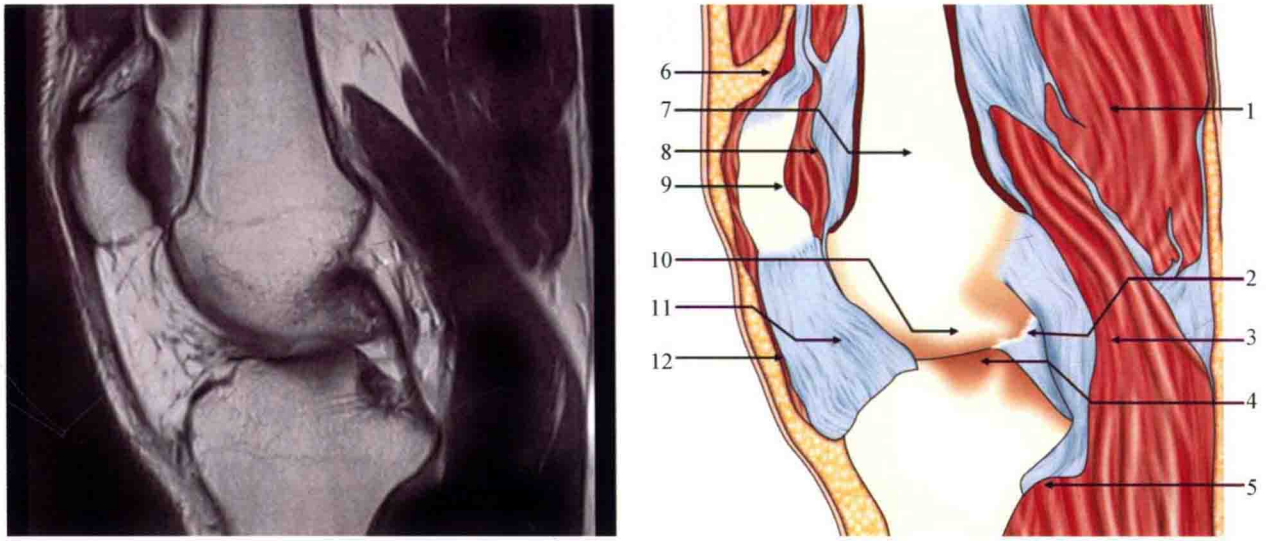


图17-15

1. 半膜肌 Semimembranosus
2. 后交叉韧带 Posterior cruciate ligament
3. 腓肠肌(内侧头) Gastrocnemius (medial head)
4. 内侧髁间隆起 Medial intercondylar eminence
5. 腘肌 Popliteus
6. 股四头肌腱 Quadriceps tendon
7. 股骨 Femur
8. 关节软骨 Articular cartilage
9. 髌骨 Patella
10. 前交叉韧带 Anterior cruciate ligament
11. 髌下脂体 Hoffa's fat pad
12. 髌韧带 Patellar ligament

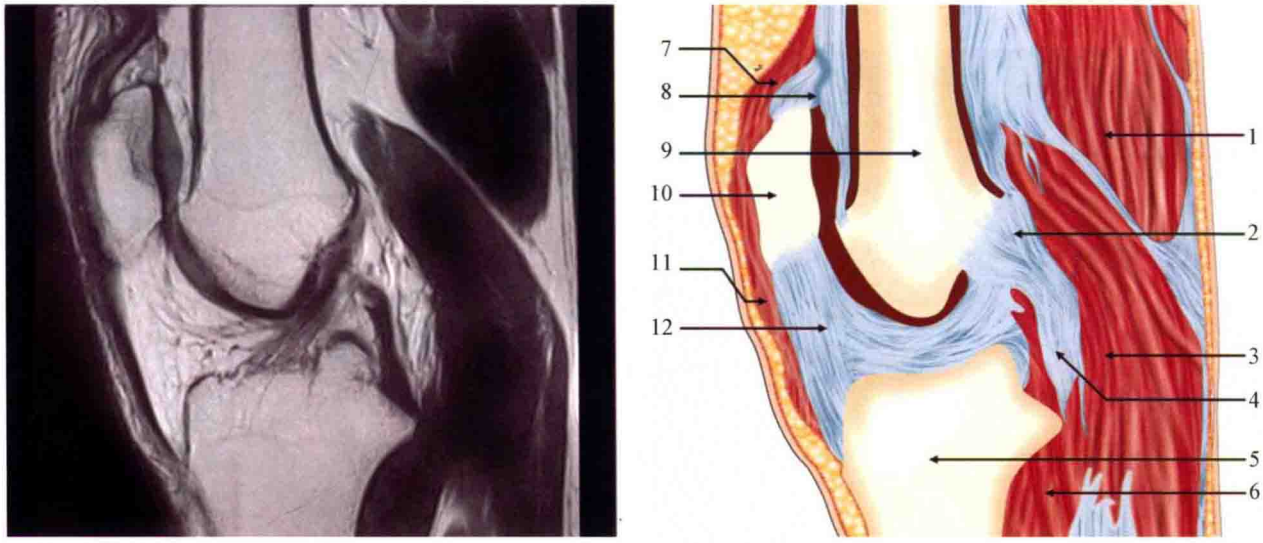
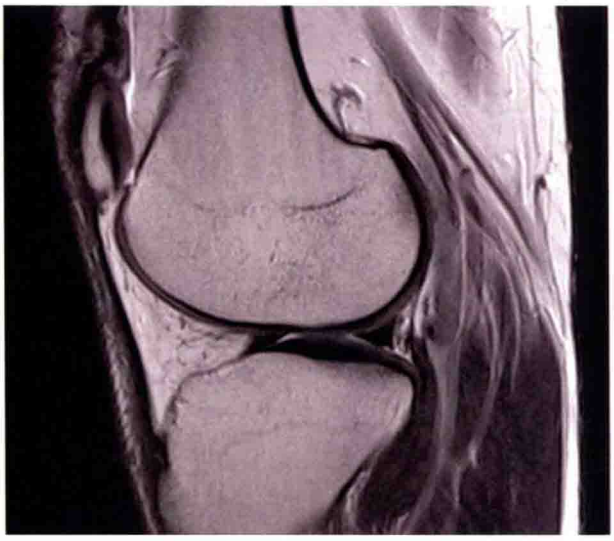


图17-16

1. 半膜肌 Semimembranosus
2. 髁间窝 Intercondylar shelf
3. 腓肠肌(内侧头) Gastrocnemius (medial head)
4. 后交叉韧带 Posterior cruciate ligament
5. 胫骨 Tibia
6. 腘肌 Popliteus
7. 股四头肌腱 Quadriceps tendon
8. 滑膜间隙 Synovial space
9. 股骨 Femur
10. 髌骨 Patella
11. 髌韧带 Patellar ligament
12. 髌下脂体 Hoffa's fat pad



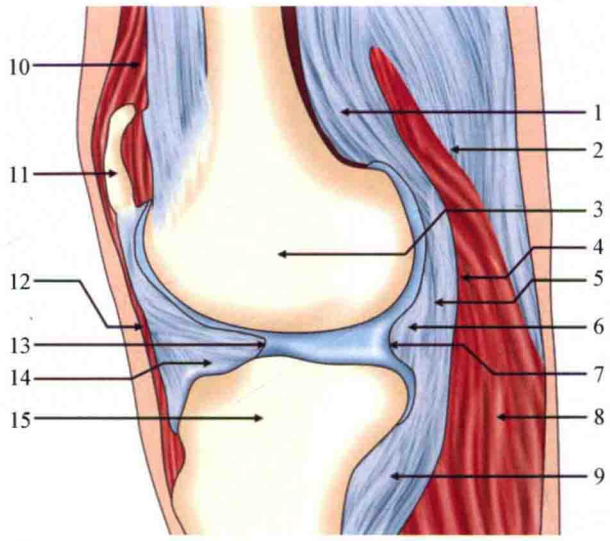


图17-17

1. 膝上外侧动脉 Superior lateral genicular artery
2. 胫神经 Tibial nerve
3. 股骨髁(外侧) Femoral condyle (lateral)
4. 腘静脉 Popliteal vein
5. 腘动脉 Popliteal artery
6. 后关节囊 Posterior joint capsule
7. 外侧半月板，后角 Lateral meniscus, posterior horn
8. 腓肠肌(外侧头) Gastrocnemius (lateral head)
9. 腘肌 Popliteus
10. 股四头肌腱 Quadriceps tendon
11. 髌骨 Patella
12. 髌韧带 Patellar ligament
13. 外侧半月板，前角 Lateral meniscus, anterior horn
14. 髌下脂体 Hoffa's fat pad
15. 胫骨髁 (外侧) Tibial condyle (lateral)



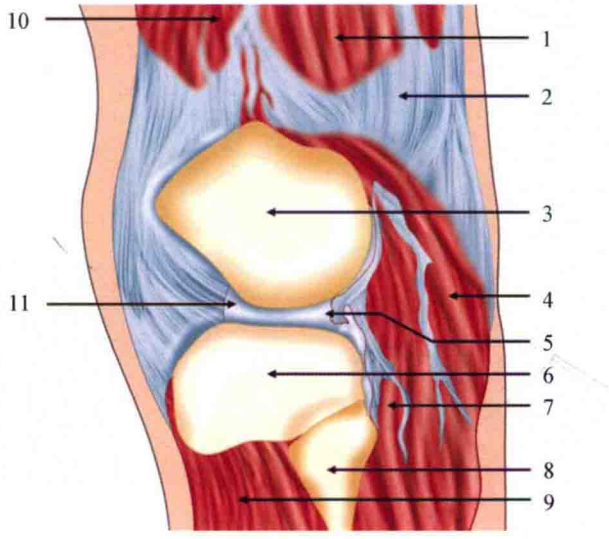


图17-18

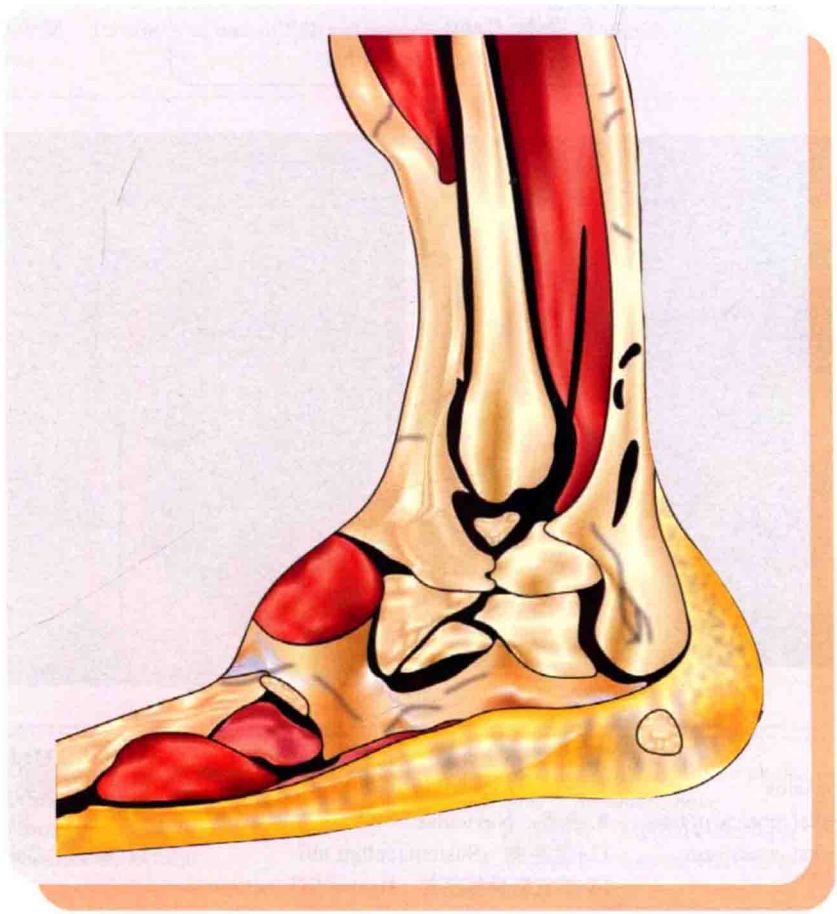
1. 股二头肌 Biceps femoris
2. 腓总神经 Common peroneal nerve
3. 股骨髁(外侧) Femoral condyle (lateral)
4. 腓肠肌(外侧头) Gastrocnemius (lateral head)
5. 外侧半月板，后角 Lateral meniscus, posterior horn
6. 胫骨髁(外侧) Tibial condyle (lateral)
7. 腘肌 Popliteus
8. 腓骨 Fibula
9. 胫骨前肌 Tibialis anterior
10. 股外侧肌 Vastus lateralis
11. 外侧半月板，前角 Lateral meniscus, anterior horn

CHAPTER 18

第18章

Ankle and Foot

踝和足



X线图像



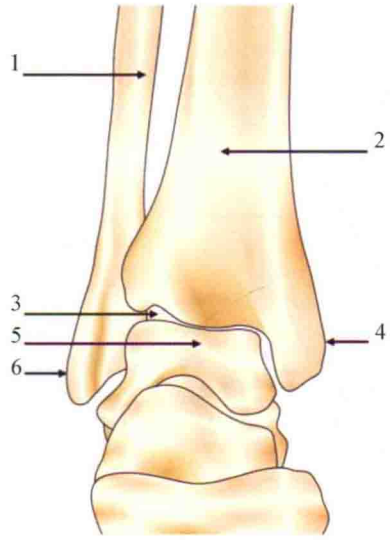


图18-1

1. 腓骨 Fibula
2. 胫骨 Tibia
3. 胫距关节间隙 Tibiotalar joint space
4. 内踝 Medial malleolus
5. 距骨 Talus
6. 外踝 Lateral malleolus



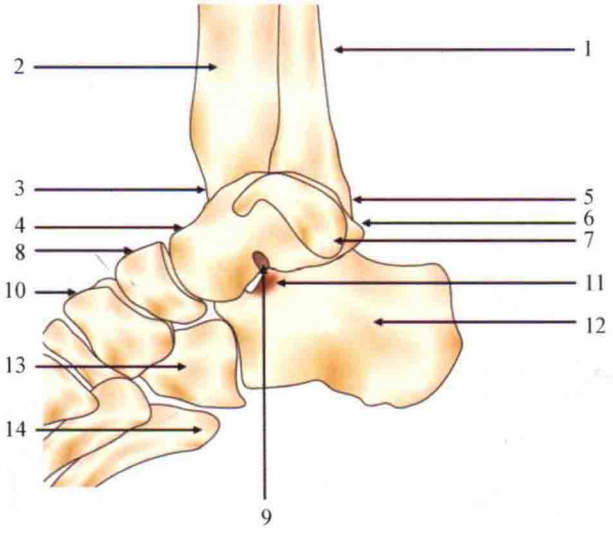


图18-2

1. 腓骨 Fibula
2. 胫骨 Tibia
3. 内踝 Medial malleolus
4. 距骨头 Head of talus
5. 外踝 Lateral malleolus
6. 距骨外侧突 Lateral tubercle of talus
7. 距骨内侧突 Medial tubercle of talus
8. 舟骨 Navicular
9. 跗骨窦 Sinus tarsi
10. 外侧楔骨 Lateral cuneiform
11. 载距突 Sustentaculum tali
12. 跟骨 Calcaneus
13. 骰骨 Cuboid
14. 第五跖骨基底部 Base of fifth metatarsal



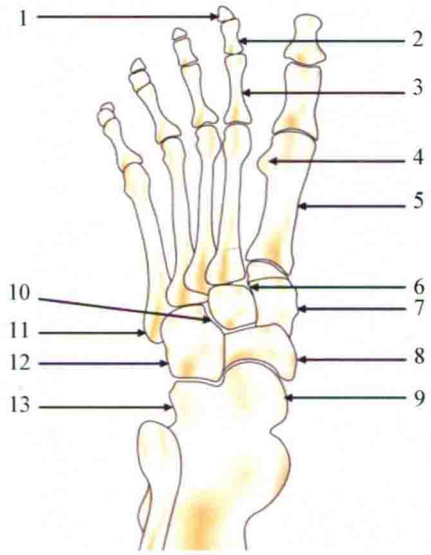


图18-3

1. 第 2 远节趾骨　Distal phalanx of second toe
2. 第 2 中节趾骨　Middle phalanx of second toe
3. 第 2 近节趾骨　Proximal phalanx of second toe
4. 籽骨　Sesamoid bone
5. 第 1 跖骨　First metatarsal
6. 中间楔骨　Intermediate cuneiform
7. 内侧楔骨　Medial cuneiform
8. 舟骨　Navicular
9. 距骨　Talus
10. 外侧楔骨　Lateral cuneiform
11. 第 5 跖骨基底部粗隆　Tuberosity of base of fifth metatarsal
12. 骰骨　Cuboid
13. 跟骨　Calcaneus



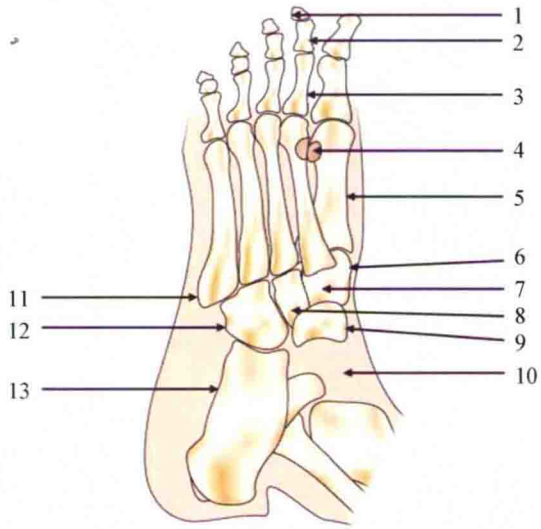


图18-4

1. 第 2 远节趾骨　Distal phalanx of second toe
2. 第 2 中节趾骨　Middle phalanx of second toe
3. 第 2 近节趾骨　Proximal phalanx of second toe
4. 籽骨　Sesamoid bone
5. 第 1 跖骨　First metatarsal
6. 内侧楔骨　Medial cuneiform
7. 中间楔骨　Intermediate cuneiform
8. 外侧楔骨　Lateral cuneiform
9. 舟骨　Navicular
10. 距骨　Talus
11. 第 5 跖骨基底部粗隆　Tuberosity of base of fifth metatarsal
12. 骰骨　Cuboid
13. 跟骨　Calcaneus



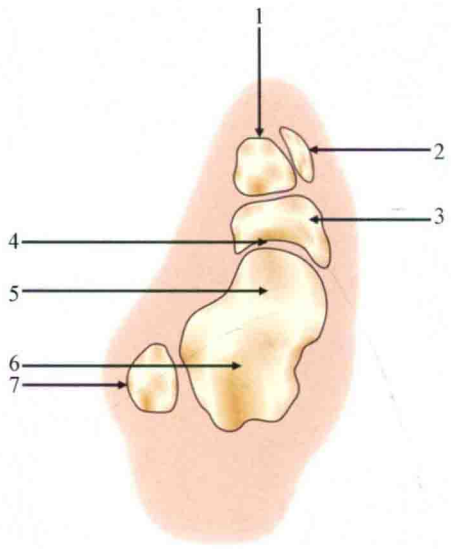


图 18-5

1. 中间楔骨　Intermediate cuneiform
2. 内侧楔骨　Medial cuneiform
3. 舟骨　Navicular
4. 距舟关节　Talonavicular joint
5. 距骨头　Head of talus
6. 距骨体　Talus, body
7. 外踝　Lateral malleolus



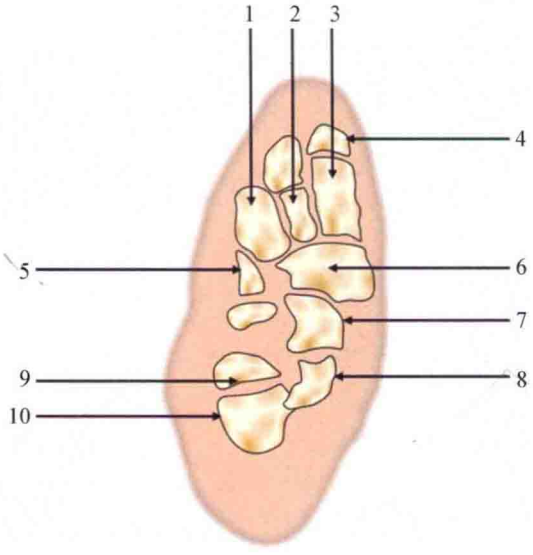


图 18-6

1. 外侧楔骨　Lateral cuneiform
2. 中间楔骨　Intermediate cuneiform
3. 内侧楔骨　Medial cuneiform
4. 第 1 跖骨基底部　Base, first metatarsal
5. 骰骨　Cuboid
6. 舟骨　Navicular
7. 距骨头　Talus, head
8. 载距突　Sustentaculum
9. 距骨，后关节面　Talus, posterior facet
10. 跟骨　Calcaneus



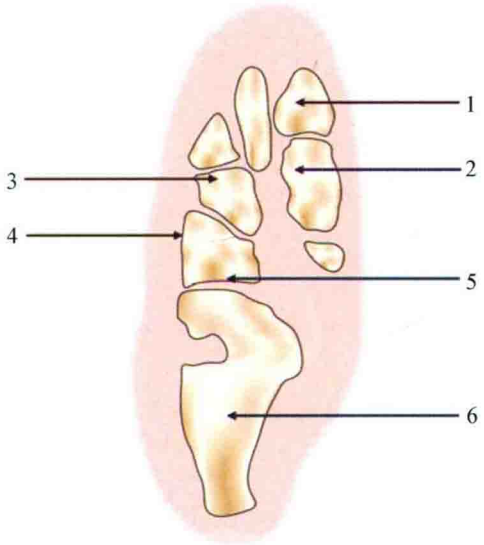


图18-7

1. 第 1 跖骨　First metatarsal
2. 内侧楔骨　Medial cuneiform
3. 外侧楔骨　Lateral cuneiform
4. 骰骨　Cuboid
5. 跟骰关节　Calcaneocuboid joint
6. 跟骨　Calcaneus



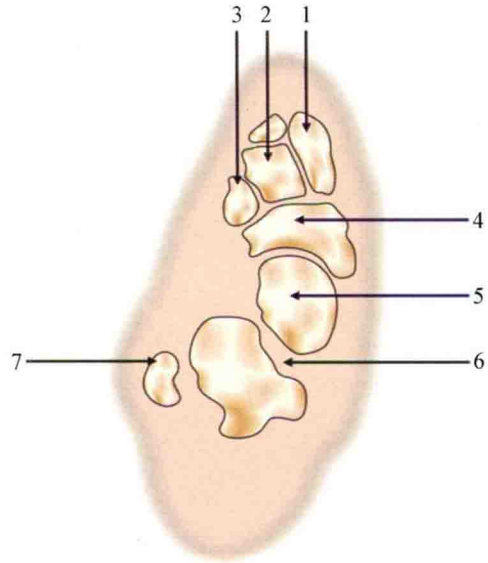


图18-8

1 ~ 3. 楔骨　Cuneiform
4. 舟骨　Navicular
5. 距骨头　Head, talus
6. 跗骨窦　Tarsal sinus
7. 外踝　Lateral malleolus

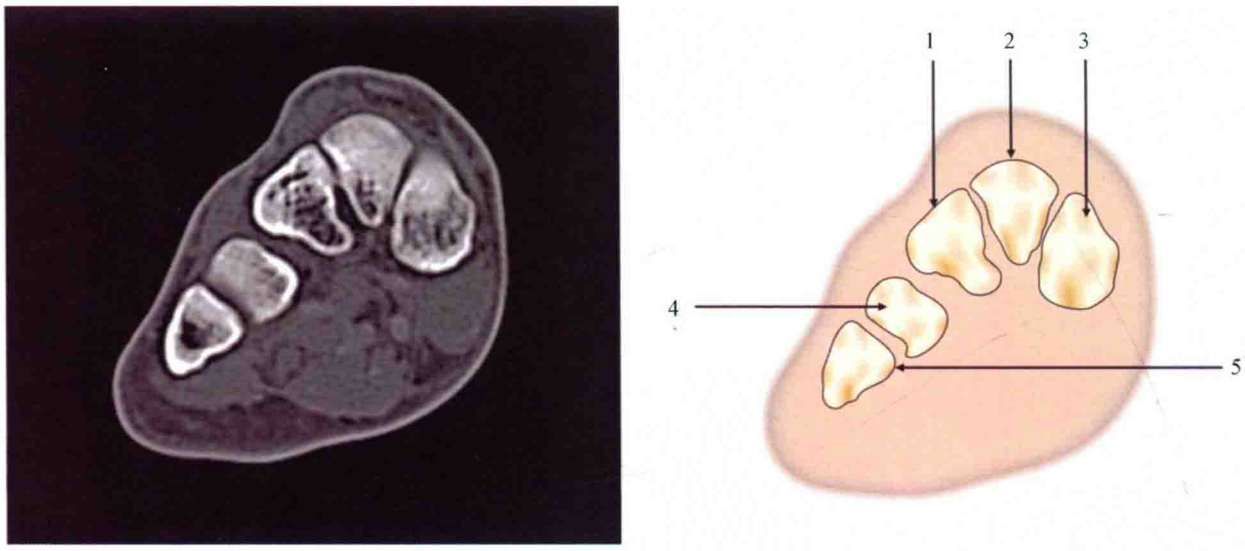


图18-9

1.外侧楔骨 Lateral cuneiform　2.中间楔骨 Intermediate cuneiform
3.内侧楔骨 Medial cuneiform　4.骰骨 Cuboid
5.第5跖骨 Fifth metatarsal

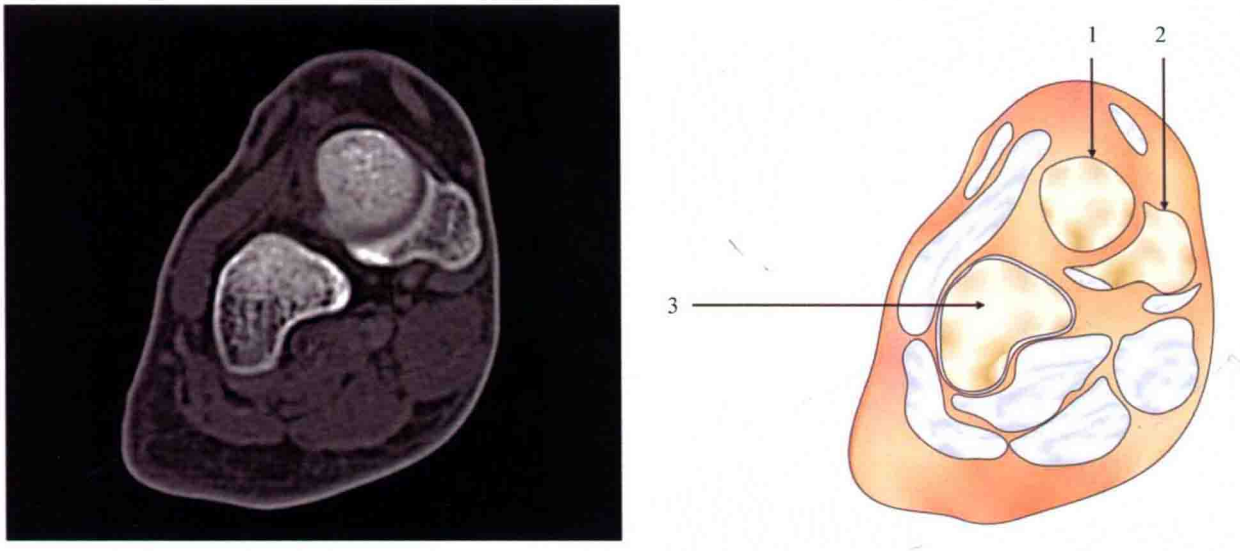
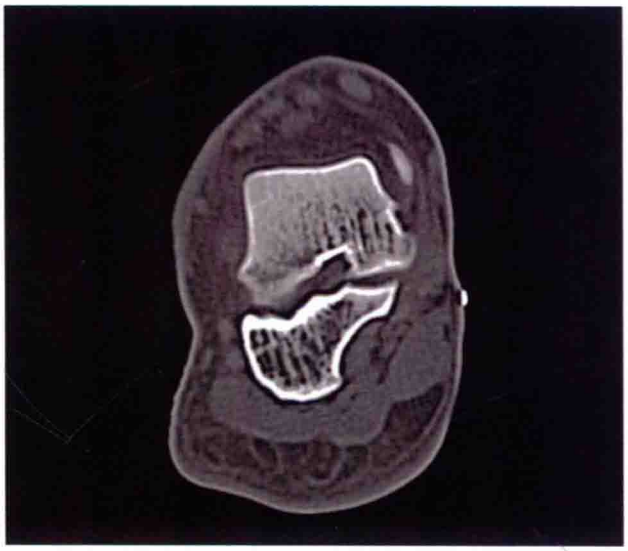


图18-10

1.距骨头 Talus, head
2.舟骨 Navicular
3.骰骨 Cuboid



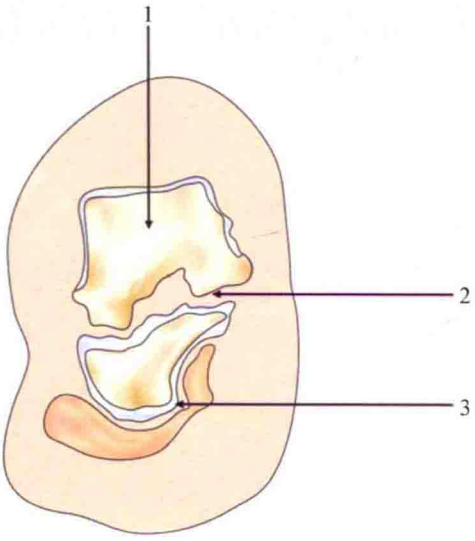
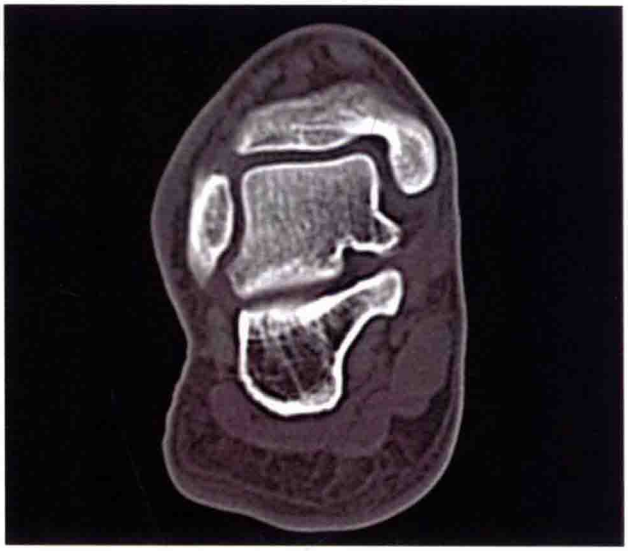


图18-11

1. 距骨　Talus
2. 距下关节中间面　Middle facet subtalar joint
3. 跟骨　Calcaneus



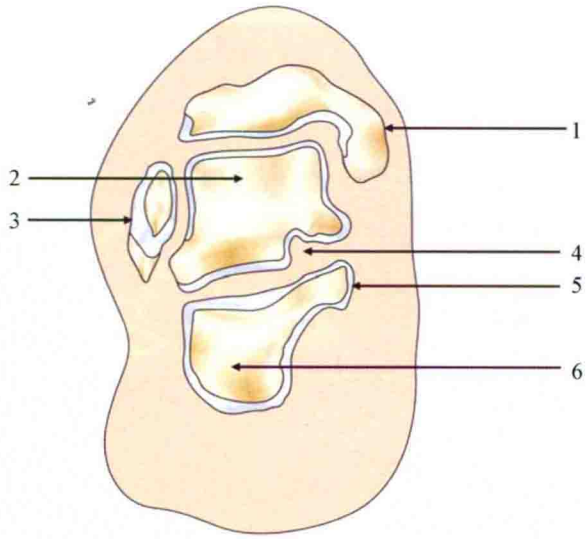


图18-12

1. 内踝　Medial malleolus
2. 距骨体　Talus, body
3. 外踝　Lateral malleolus
4. 跗骨窦　Tarsal sinus
5. 载距突　Sustentaculum tali
6. 跟骨　Calcaneus

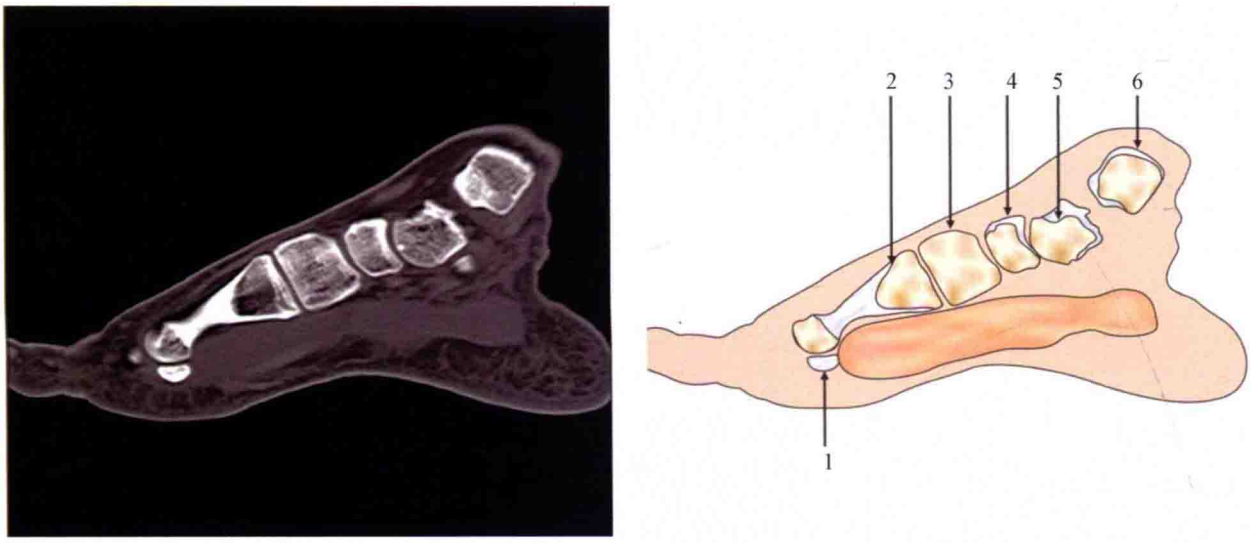


图18-13

1.籽骨 Sesamoid bone
2.第1跖骨 First metatarsal
3.中间楔骨 Medial cuneiform
4.舟骨 Navicular
5.距骨 Talus
6.内踝 Medial malleolus

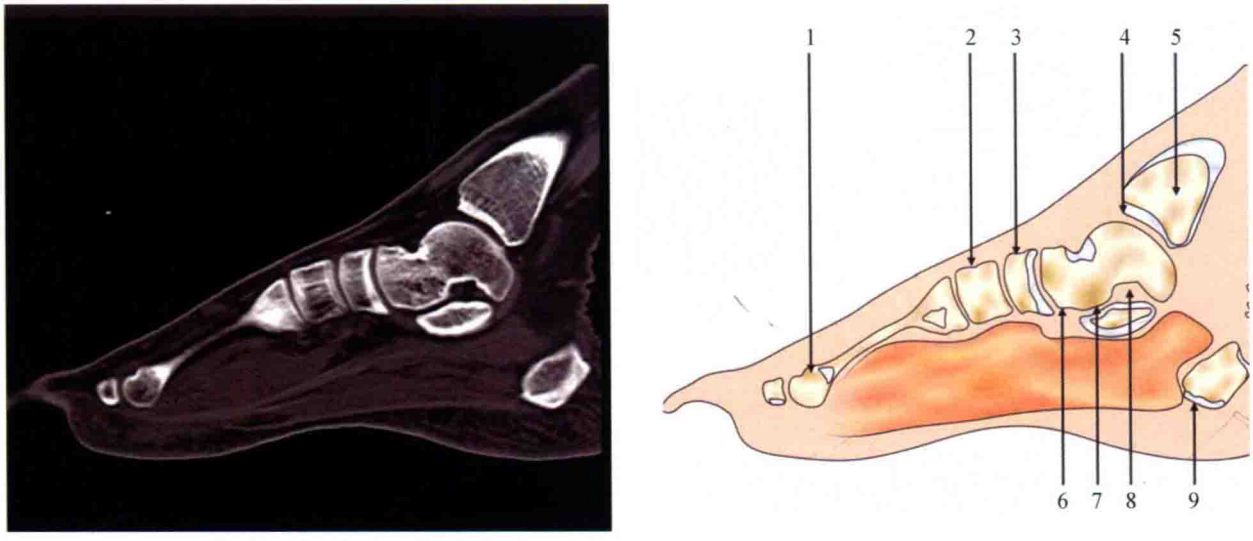


图18-14

1.第2跖骨 Second metatarsal
2.中间楔骨 Intermediate cuneiform
3.舟骨 Navicular
4.踝关节 Ankle joint
5.胫骨 Tibia
6.距骨头 Talus, head
7.内距下关节 Medial subtalar joint
8.跗骨窦 Tarsal sinus
9.跟骨 Calcaneus

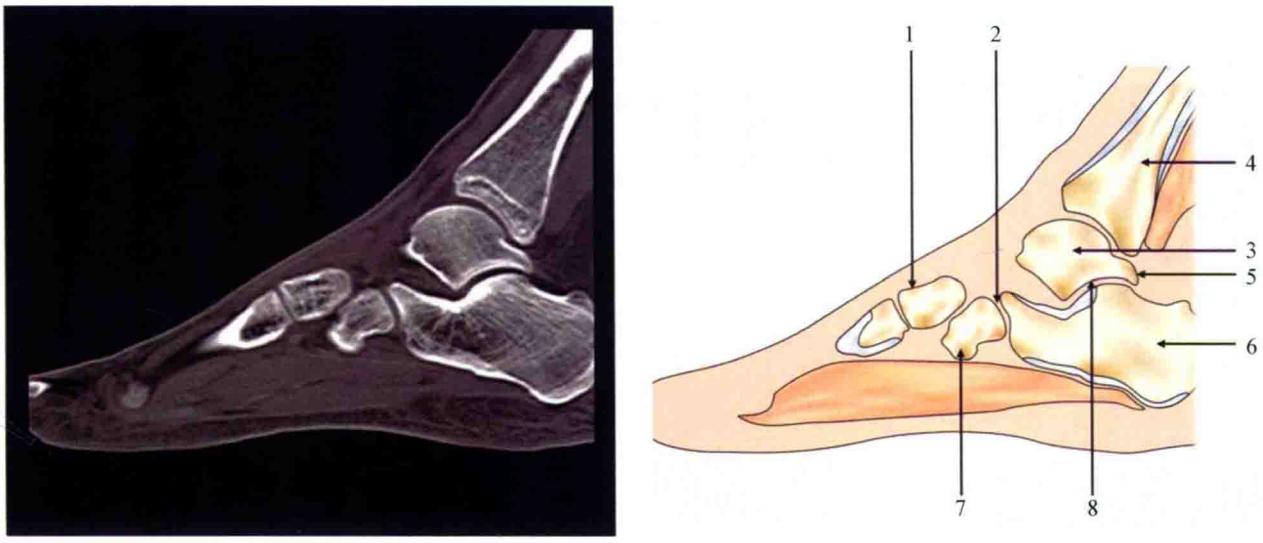


图18-15

1. 外侧楔骨 Lateral cuneiform
2. 跟骰关节 Calcaneocuboid joint
3. 距骨顶 Talar dome
4. 胫骨 Tibia
5. 距骨外侧突 Lateral talar tubercle
6. 跟骨 Calcaneus
7. 骰骨 Cuboid
8. 后距下关节 Posterior subtalar joint

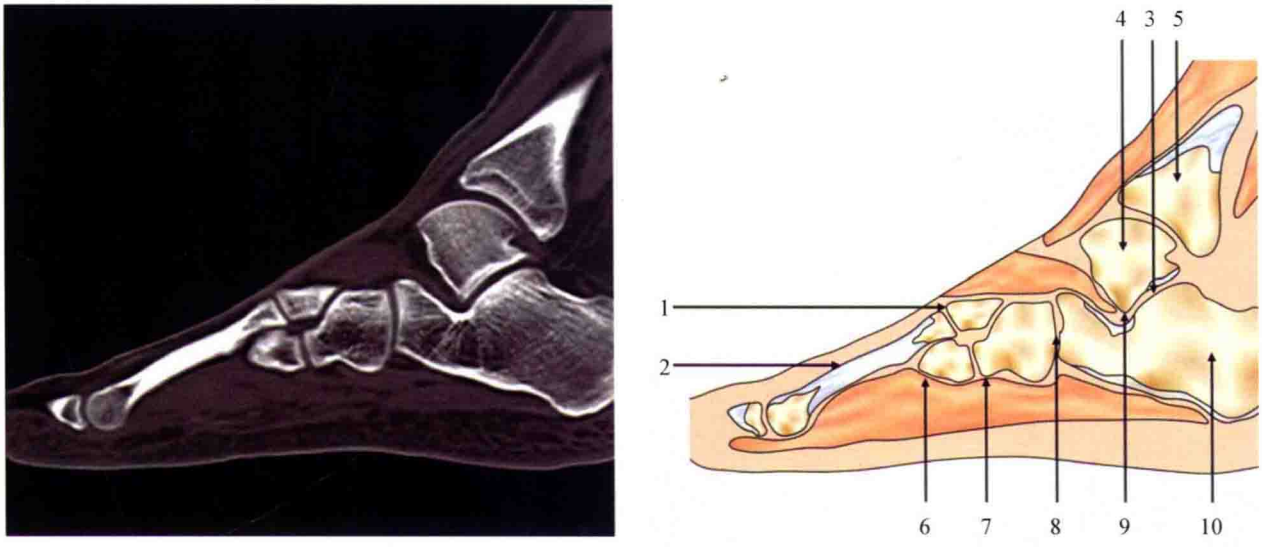
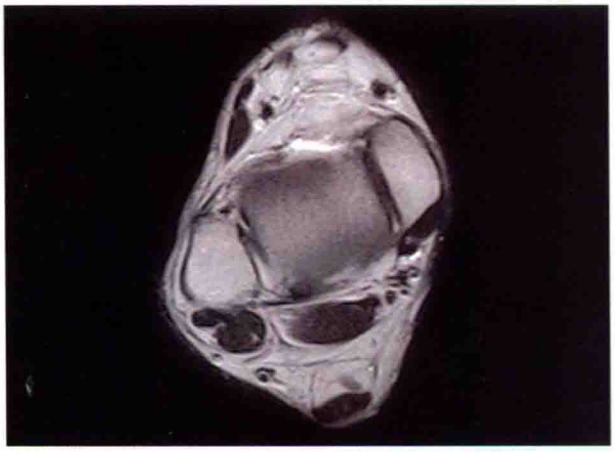


图18-16

1. 外侧楔骨 Lateral cuneiform
2. 第 3 跖骨 Third metatarsal
3. 后距下关节 Posterior subtalar joint
4. 距骨顶 Talar dome
5. 胫骨 Tibia
6. 第 4 跖骨 Fourth metatarsal
7. 骰骨 Cuboid
8. 跟骰关节 Calcaneocuboid joint
9. 距骨外侧突 Lateral process, talus
10. 跟骨 Calcaneus

踝关节

轴位图像



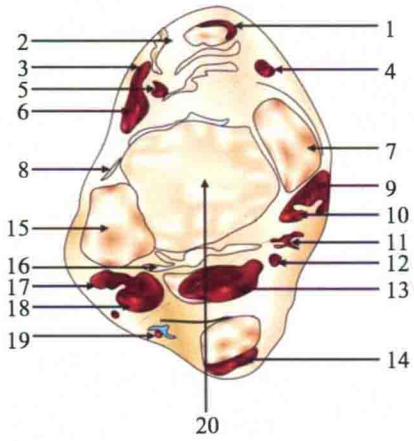


图18-17

1. 胫骨前肌腱 Tibialis anterior tendon
2. 跨长伸肌 Extensor hallucis longus
3. 趾长伸肌 Extensor digitorum longus
4. 大隐静脉 Great saphenous vein
5. 胫前动脉 Anterior tibial artery
6. 第 3 腓骨肌 Peroneus tertius
7. 内踝 Medial malleolus
8. 胫腓前韧带 Anterior tibiofibular ligament
9. 胫骨后肌腱 Tibialis posterior tendon
10. 趾长屈肌腱 Flexor digitorum longus tendon
11. 胫后动脉 Posterior tibial artery
12 胫神经 Tibial nerve
13. 跨长屈肌 Flexor hallucis longus
14. 跟腱 Achilles tendon
15. 外踝 Lateral malleolus
16. 胫腓后韧带 Post tibiofibular ligament
17. 腓骨长肌 Peroneus longus
18. 腓骨短肌 Peroneus brevis
19. 小隐静脉 Lesser saphenous vein
20. 胫距关节 Tibiotalar joint



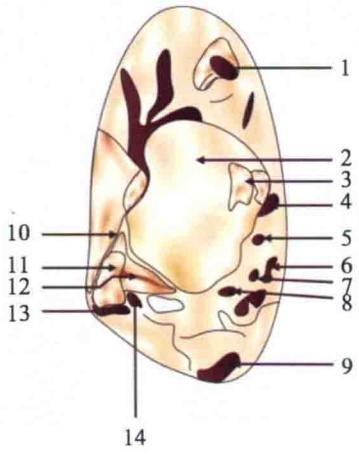


图18-18

1. 胫骨前肌腱 Tibialis anterior tendon
2. 距骨 Talus
3. 三角韧带 Deltoid ligament
4. 胫骨后肌腱 Tibialis posterior tendon
5. 趾长屈肌 Flexor digitorum longus
6. 胫后动脉 Posterior tibial artery
7. 胫神经 Tibial nerve
8. 跨长屈肌腱 Flexor hallucis longus tendon
9. 跟腱 Achilles tendon
10. 距腓前韧带 Anterior talofibular ligament
11. 外踝 Lateral malleolus
12. 距腓后韧带 Posterior talofibular ligament
13. 腓骨长肌 Peroneus longus
14. 腓骨短肌 Peroneus brevis



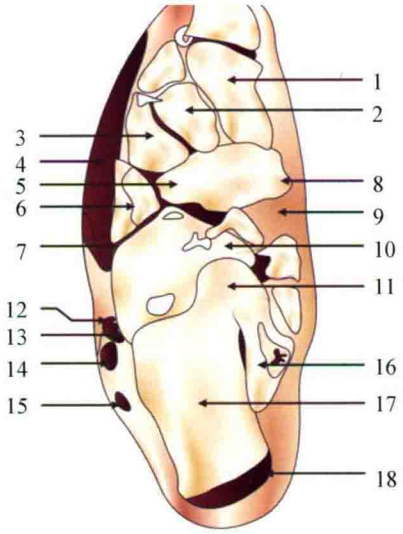


图18-19

1. 内侧楔骨 Medial cuneiform
2. 中间楔骨 Intermediate cuneiform
3. 外侧楔骨 Lateral cuneiform
4. 趾短伸肌 Extensor digitorum brevis
5. 距骨头 Talus, head
6. 骰骨 Cuboid
7. 跟骰关节 Calcaneocuboid joint
8. 舟骨 Navicular
9. 胫骨后肌 Tibialis posterior
10. 跟舟韧带 Calcaneonavicular (spring) ligament
11. 载距突 Sustentaculum tali
12. 腓骨短肌 Peroneus brevis
13. 跟腓韧带 Calcaneofibular ligament
14. 腓骨长肌 Peroneus longus
15. 小隐静脉 Lesser saphenous vein
16. 足底方肌 Quadratus plantae
17. 跟骨 Calcaneus
18. 跟腱 Achilles tendon



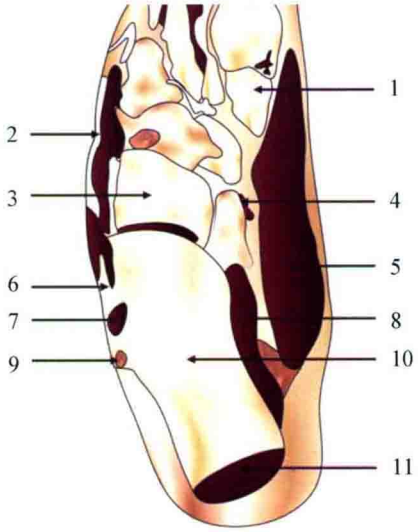


图18-20

1. 内侧楔骨 Medial cuneiform
2. 趾短伸肌 Extensor digitorum brevis
3. 骰骨 Cuboid
4. 跨长屈肌腱 Flexor hallucis longus tendon
5. 跨(趾)展肌 Abductor hallucis
6. 腓骨短肌 Peroneus brevis
7. 腓骨长肌 Peroneus longus
8. 足底方肌 Quadratus plantae
9. 跟腓韧带 Calcaneofibular ligament
10. 跟骨 Calcaneus
11. 跟骨结节 Calcaneal tuberosity

冠状位图像



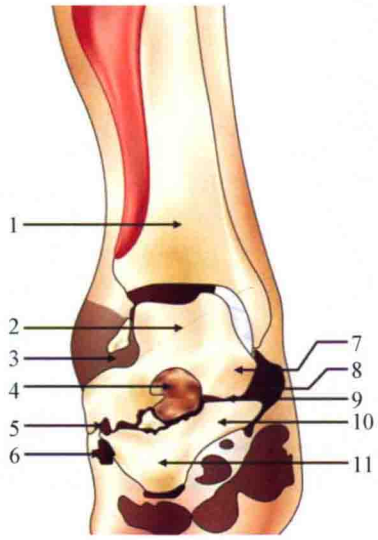


图18-21

1.胫骨 Tibia
2.距骨 Talus
3.距腓前韧带 Anterior talofibular ligament
4.跗骨窦 Tarsal sinus
5.腓骨短肌 Peroneus brevis
6.腓骨长肌 Peroneus longus
7.距骨中间关节面 Middle facet of talus
8.胫骨后肌 Tibialis posterior
9.中距下关节 Middle subtalar joint
10.载距突 Sustentaculum tali
11.跟骨 Calcaneum



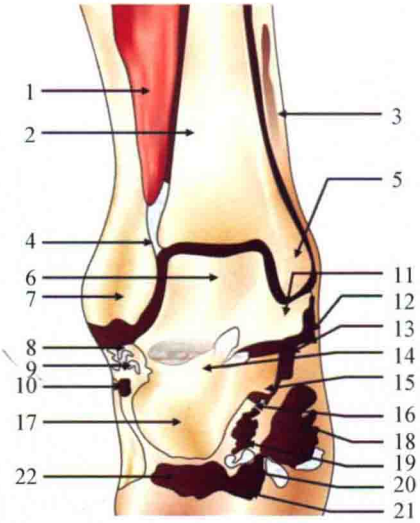


图18-22

1.跨、趾长伸肌 Extensor hallucis and digitorum longus
2.胫骨 Tibia
3.大隐静脉 Great saphenous vein
4.胫腓前韧带 Anterior tibiofibular ligament
5.内踝 Medial malleolus
6.距骨体 Talus, body
7.外踝 Lateral malleolus
8.跟腓韧带 Calcaneofibular ligament
9.腓骨短肌 Peroneus brevis
10.腓骨长肌 Peroneus longus
11.三角韧带（深层） Deltoid ligament (deep)
12.胫骨后肌腱 Tibialis posterior tendon
13.趾长屈肌腱 Flexor digitorum longus tendon
14.骨间韧带 Interosseous ligament
15.载距突 Sustentaculum tali
16.跨长屈肌腱 Flexor hallucis longus tendon
17.跟骨 Calcaneus
18.跨展肌 Abductor hallucis
19.足底方肌 Quadratus plantae
20.趾短屈肌 Flexor digitorum brevis
21.足底腱膜 Plantar aponeurosis
22.小趾展肌 Abductor digiti minimi



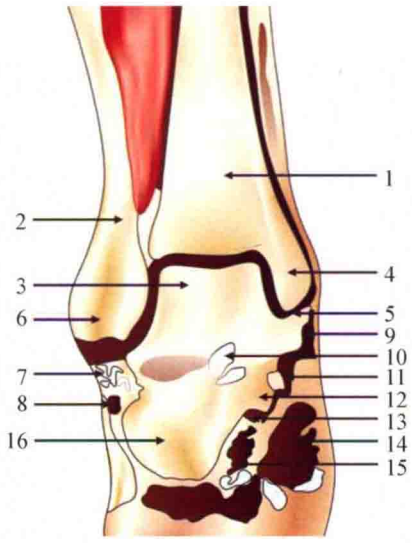


图18-23

1. 胫骨 Tibia
2. 腓骨 Fibula
3. 距骨体 Talus, body
4. 内踝 Medial malleolus
5. 三角韧带 Deltoid ligament
6. 外踝 Lateral malleolus
7. 腓骨短肌 Peroneus brevis
8. 腓骨长肌 Peroneus longus
9. 胫骨后肌 Tibialis posterior
10. 跗骨窦 Tarsal sinus
11. 趾长屈肌 Flexor digitorum longus
12. 载距突 Sustentaculum tali
13. 跨长屈肌 Flexor hallucis longus
14. 跨展肌 Abductor hallucis
15. 足底方肌 Quadratus plantae
16. 跟骨 Calcaneus



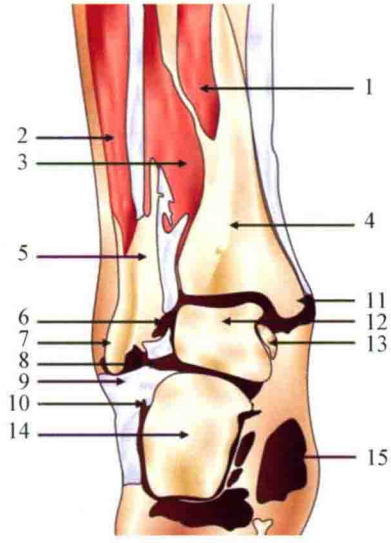


图18-24

1. 胫骨后肌 Tibialis posterior
2. 腓骨长、短肌 Peroneus longus and brevis
3. 跨长屈肌 Flexor hallucis longus
4. 胫骨 Tibia
5. 腓骨 Fibula
6. 胫腓后韧带 Posterior tibiofibular ligament
7. 外踝 Lateral malleolus
8. 距腓后韧带 Posterior talofibular ligament
9. 腓骨长肌 Peroneus longus
10. 跟腓韧带 Calcaneofibular ligament
11. 内踝 Medial malleolus
12. 距骨 Talus
13. 三角韧带 Deltoid ligament
14. 跟骨 Calcaneus
15. 跨展肌 Abductor hallucis

Sagittal Images



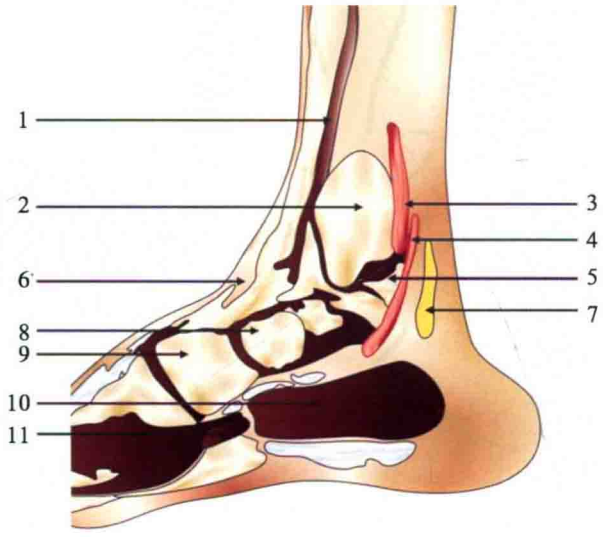


图18-25

1. 大隐静脉 Great saphenous vein
2. 内踝 Medial malleolus
3. 胫骨后肌腱 Tibialis posterior tendon
4. 趾长屈肌 Flexor digitorum longus
5. 三角韧带 Deltoid ligament
6. 胫骨前肌腱 Tibialis anterior tendon
7. 胫后动脉、神经 Posterior tibial artery and nerve
8. 舟骨 Navicular bone
9. 内侧楔骨 Medial cuneiform
10. 跨展肌 Abductor hallucis
11. 跨长屈肌腱 Flexor hallucis longus tendon





图18-26

1. 胫骨后肌 Tibialis posterior
2. 趾长屈肌 Flexor digitorum longu
3. 比目鱼肌 Soleus
4. 跨长屈肌 Flexor hallucis longus
5. 胫骨 Tibia
6. 踝关节 Ankle joint
7. 距骨外侧突 Lateral talar tubercle
8. 骨间韧带 Interosseous ligament
9. 跟腱 Achilles tendon
10. 跟骨 Calcaneum
11. 足底腱膜 Plantar aponeurosis
12. 胫骨前肌腱 Tibialis anterior tendon
13. 距骨头 Head, talus
14. 舟骨 Navicular
15. 内距下关节 Medial subtalar joint
16. 足底方肌 Quadratus plantae
17. 趾短屈肌 Flexor digitorum brevis





图18-27

1.比目鱼肌 Soleus
2.长屈肌 Long flexor muscles
3.胫骨前肌 Tibialis anterior
4.胫骨 Tibia
5.跟腱 Achilles tendon
6.后距下关节 Posterior subtalar joint
7.跗骨窦 Tarsal sinus
8.跟骨 Calcaneum
9.小趾展肌 Abductor digiti minimi
10.前距下关节 Anterior subtalar joint
11.骰骨 Cuboid



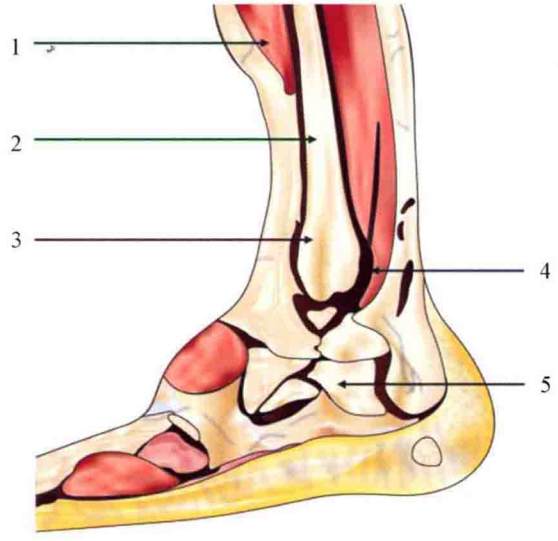


图18-28

1.趾长伸肌 Extensor digitorum longus
2.腓骨 Fibula
3.外踝 Lateral malleolus
4.腓骨长肌腱 Peroneus longus tendon
5.跟骨 Calcaneum

脚

轴位图像



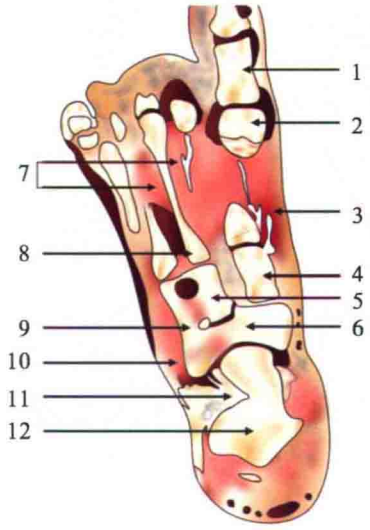


图18-29

1.近节趾骨 Proximal phalanx
2.第1跖骨 First metatarsal
3.跨展肌 Abductor hallucis
4.内侧楔骨 Medial cuneiform
5.外侧楔骨 Lateral cuneiform
6.舟骨 Navicular
7.背侧骨间肌 Dorsal interosseous muscles
8.第3跖骨 Third metatarsal
9.骰骨 Cuboid
10.趾短伸肌 Extensor digitorum brevis
11.跗骨窦 Tarsal sinus
12.距骨 Talus



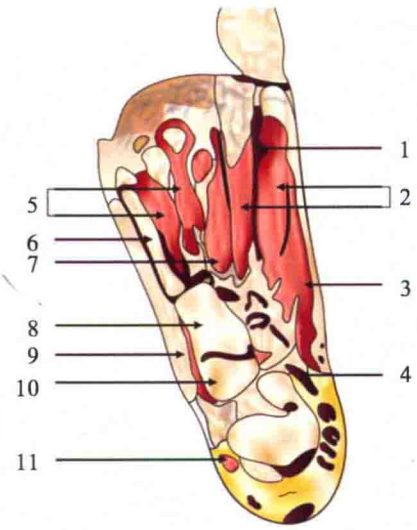


图18-30

1.跨长屈肌腱 Flexor hallucis longus tendon
2.跨短屈肌(内侧,外侧头) Flexor hallucis brevis (medial,lateral heads)
3.跨展肌 Abductor hallucis
4.趾长屈肌腱 Flexor digitorum longus tendon
5.跖侧骨间肌 Plantar interosseous muscles
6.第5跖骨 Fifth metatarsal
7.跨收肌 Adductor hallucis
8.骰骨 Cuboid
9.趾短伸肌 Extensor digitorum brevis
10.跟骨 Calcaneus
11.腓骨肌腱 Peroneal tendons



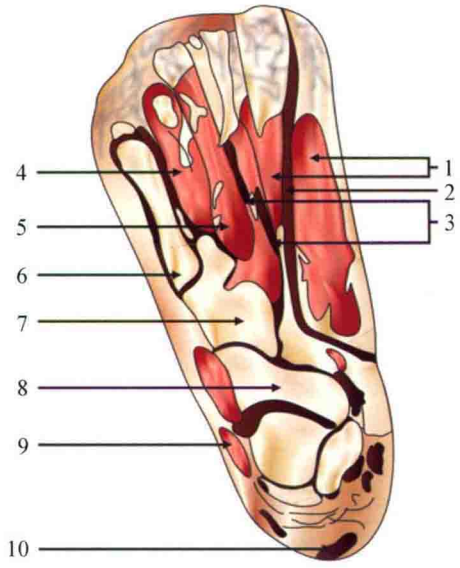


图18-31

1. 跨短屈肌(内侧,外侧头)　Flexor hallucis brevis (medial, lateral heads)
2. 跨长屈肌腱　Flexor hallucis longus tendon
3. 趾长屈肌腱　Flexor digitorum longus tendons
4. 跖侧骨间肌　Plantar interosseous muscles
5. 跨收肌(斜头)　Adductor hallucis (oblique head)
6. 第5跖骨基底部　Fifth metatarsal base
7. 骰骨　Cuboid
8. 跟骨　Calcaneus
9. 腓骨肌腱　Peroneal tendons
10. 跟腱　Achilles tendon



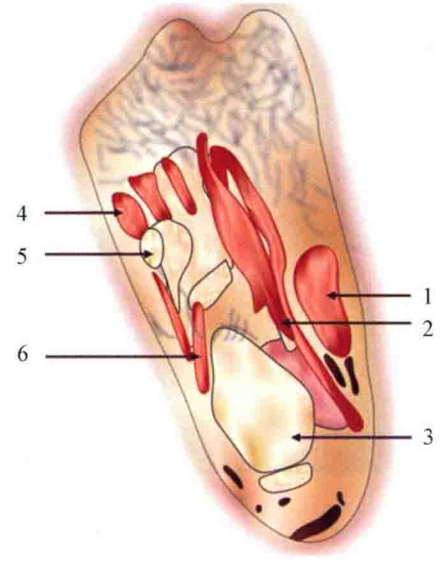


图18-32

1. 足底方肌　Quadratus plantae
2. 趾短屈肌　Flexor digitorum brevis
3. 跟骨结节　Calcaneal tuberosity
4. 小趾屈肌　Flexor digiti minimi
5. 第5跖骨基底部粗隆　Fifth metatarsal tuberosity
6. 小趾展肌　Abductor digiti minimi

冠状位图像



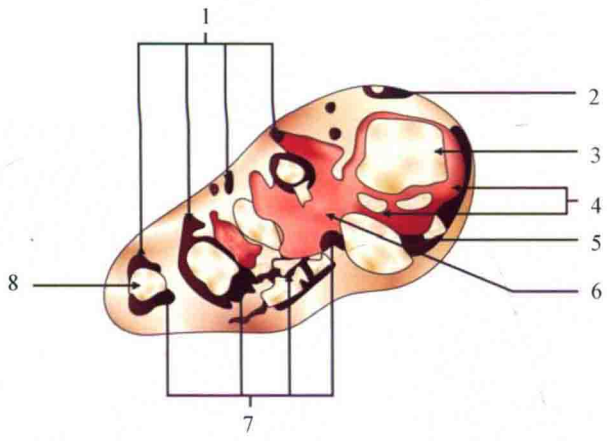


图18-33

1. 趾短、长伸肌腱　Short and long extensor tendons, digits
2. 伸肌腱，跨趾　Extensor tendon, great toe
3. 跨趾　Great toe
4. 跨短屈肌（内侧，外侧头）　Flexor hallucis brevis (medial, lateral heads)
5. 跨长屈肌腱　Flexor hallucis longus tendon
6. 跨收肌（横头）　Adductor hallucis (transverse head)
7. 趾长、短屈肌腱　Short and long flexor tendons, digits
8. 第 5 趾　Fifth digit



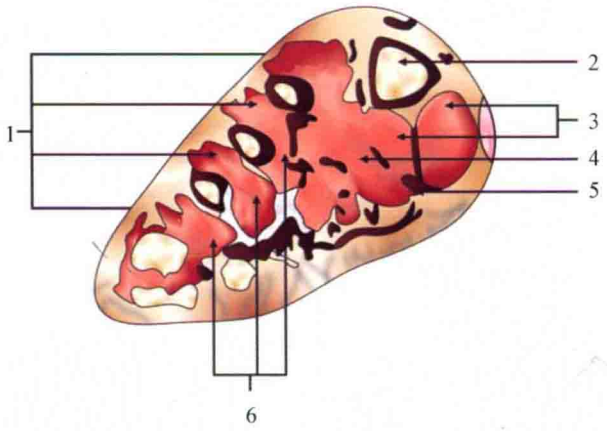


图18-34

1. 背侧骨间肌　Dorsal interosseous muscles
2. 第 1 跖骨　First metatarsal
3. 跨短屈肌（内侧头，外侧头）　Flexor hallucis brevis (medial, lateral heads)
4. 跨收肌（斜头）　Adductor hallucis (oblique head)
5. 跨长屈肌腱　Flexor hallucis longus tendon
6. 跖侧骨间肌　Plantar interosseous muscles



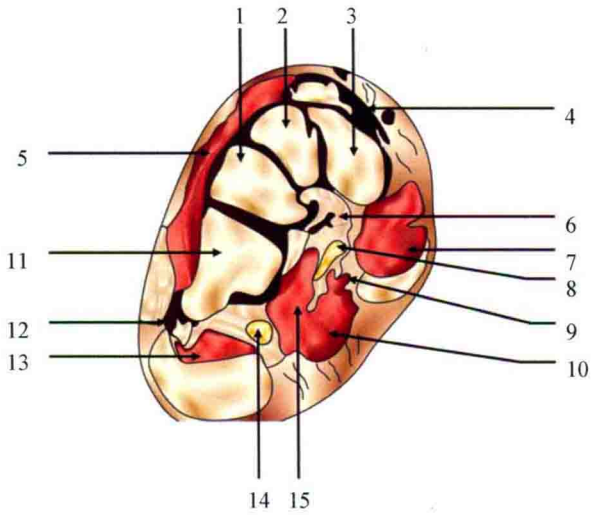


图18-35

1. 外侧楔骨　Lateral cuneiform
2. 中间楔骨　Intermediate cuneiform
3. 内侧楔骨　Medial cuneiform
4. 跨长伸肌腱　Extensor hallucis longus tendon
5. 短伸肌腱　Short extensor tendons
6. 跨短屈肌腱　Flexor hallucis brevis tendon
7. 跨展肌　Abductor hallucis muscle
8. 跨长屈肌腱　Flexor hallucis longus tendon
9. 足底内侧动脉，神经　Medial plantar artery, nerve
10. 趾短屈肌　Flexor digitorum brevis
11. 骰骨　Cuboid
12. 腓骨短肌腱　Peroneus brevis tendon
13. 小趾展肌　Abductor digiti minimi
14. 足底外侧动脉，神经　Lateral plantar artery, nerve
15. 足底方肌　Quadratus plantae



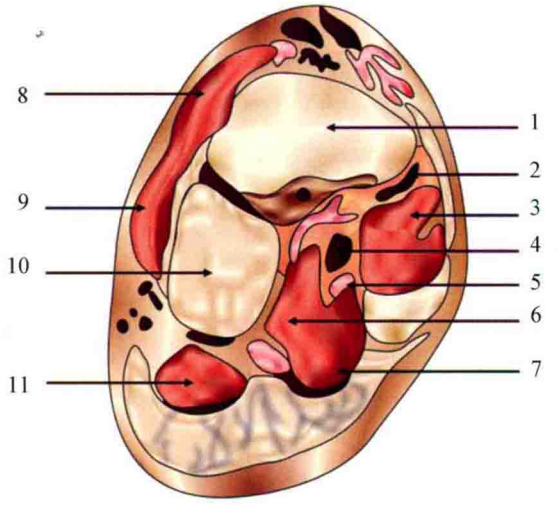


图18-36

1. 舟骨　Navicular
2. 胫骨后肌腱　Tibialis posterior tendon
3. 跨展肌　Abductor hallucis
4. 跨长屈肌腱　Flexor hallucis longus tendon
5. 足底内侧动脉，神经　Medial plantar artery, nerve
6. 足底方肌　Quadratus plantae
7. 趾短屈肌　Flexor digitorum brevis
8. 趾长伸肌　Extensor digitorum longus
9. 趾短伸肌　Extensor digitorum brevis
10. 骰骨　Cuboid
11. 小趾展肌　Abductor digiti minimi



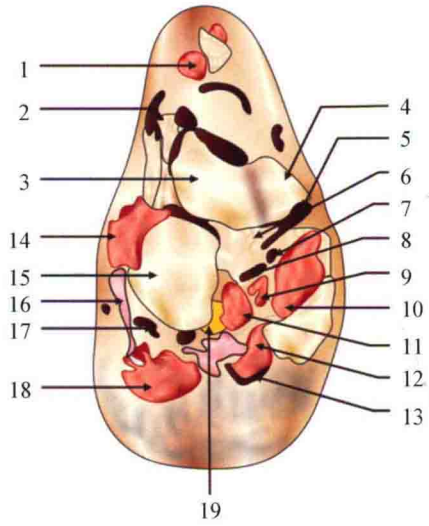


图18-37

1.跨长伸肌 Extensor hallucis longus
2. 趾长伸肌 Extensor digitorum longus
3. 距骨 Talus
4. 舟骨粗隆 Navicular tuberosity
5. 胫骨后肌腱 Tibialis posterior tendon
6. 跟舟足底韧带 Plantar calcaneonavicular (spring) ligament
7. 趾长屈肌腱 Flexor digitorum longus tendon
8. 跨长屈肌腱 Flexor hallucis longus tendon
9. 足底内侧动脉，神经 Medial plantar artery, nerve
10. 跨展肌 Abductor hallucis
11. 足底方肌 Quadratus plantae
12. 趾短屈肌 Flexor digitorum brevis
13. 足底腱膜 Plantar aponeurosis
14. 趾短伸肌 Extensor digitorum brevis
15. 跟骨 Calcaneus
16. 腓骨短肌 Peroneus brevis
17. 腓骨长肌 Peroneus longus
18. 小趾展肌 Abductor digiti minimi
19. 足底外侧动脉，神经 Lateral plantar artery, nerve

矢状位图像



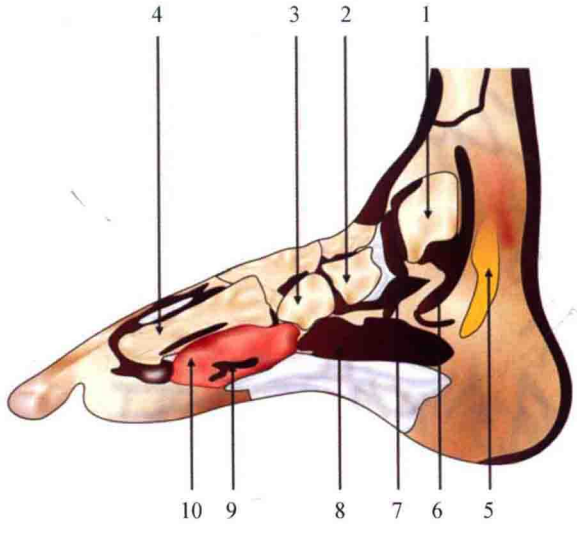


图18-38

1. 内踝 Medial malleolus
2. 舟骨 Navicular
3. 内侧楔骨 Medial cuneiform
4. 第 1 跖骨 First metatarsal
5. 胫后动脉、神经 Posterior tibial artery nerve
6. 趾长屈肌腱 Flexor digitorum longus tendon
7. 胫骨后肌腱 Tibialis posterior tendon
8. 趾短屈肌 Flexor digitorum brevis
9. 跨长屈肌腱 Flexor hallucis longus tendon
10. 跨短屈肌 Flexor hallucis brevis



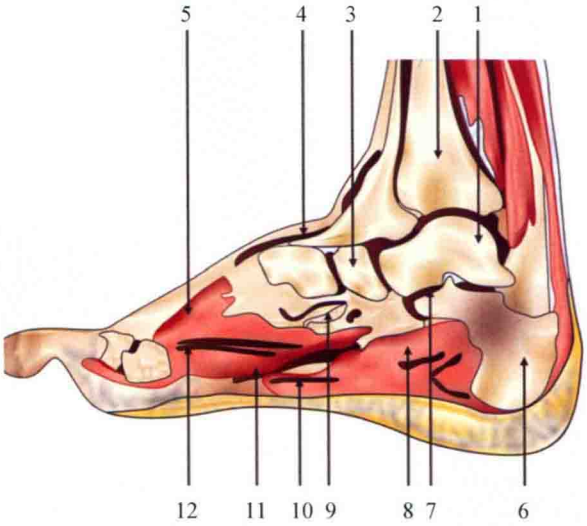


图18-39

1. 距骨 Talus
2. 胫骨 Tibia
3. 舟骨 Navicular
4. 胫骨前肌腱 Tibialis anterior tendon
5. 背侧骨间肌 Dorsal interosseous muscle
6. 跟骨 Calcaneus
7. 内距下关节 Medial subtalar joint
8. 足底方肌 Quadratus plantae
9. 足底内侧动脉 Medial plantar artery
10. 趾短屈肌 Flexor digitorum brevis
11. 跨长屈肌腱 Flexor hallucis longus tendon
12. 跨收肌 Adductor hallucis



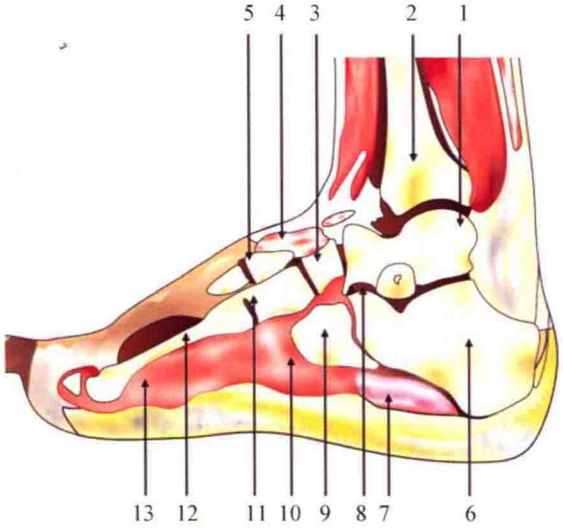


图18-40

1. 距骨 Talus
2. 胫骨 Tibia
3. 舟骨 Navicular
4. 跨长伸肌 Extensor hallucis longus
5. 中间楔骨 Intermediate cuneiform
6. 跟骨 Calcaneus
7. 小趾展肌 Abductor digiti minimi
8. 前距下关节 Anterior subtalar joint
9. 骰骨 Cuboid
10. 腓骨长肌腱 Peroneus longus tendon
11. 外侧楔骨 Lateral cuneiform
12. 第3跖骨 Third metatarsal
13. 骨间肌 Interosseous muscle



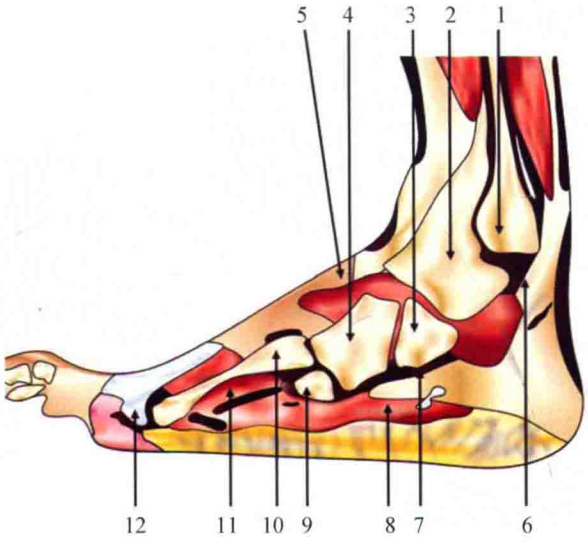


图18-41

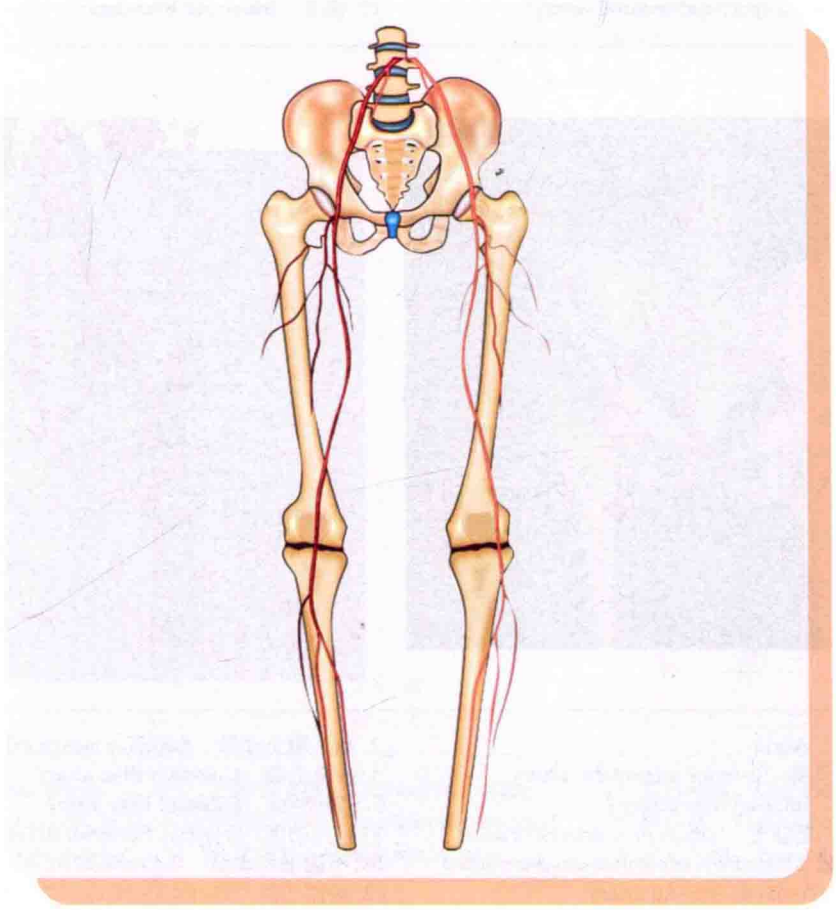
1. 外踝　Lateral malleolus
2. 距骨　Talus
3. 跟骨　Calcaneus
4. 骰骨　Cuboid
5. 趾短伸肌　Extensor digitorum brevis
6. 腓骨肌腱　Peroneal tendon
7. 腓骨长肌腱　Peroneus longus tendon
8. 小趾展肌　Abductor digiti minimi
9. 第 5 跖骨　Fifth metatarsal
10. 第 4 跖骨　Fourth metatarsal
11. 蚓状肌和跖侧骨间肌　Lumbrical and plantar interosseous
12. 近节趾骨，第 5 趾　Proximal phalanx, fifth toe

CHAPTER 19

第19章

Lower Extremity Vessels

下肢血管





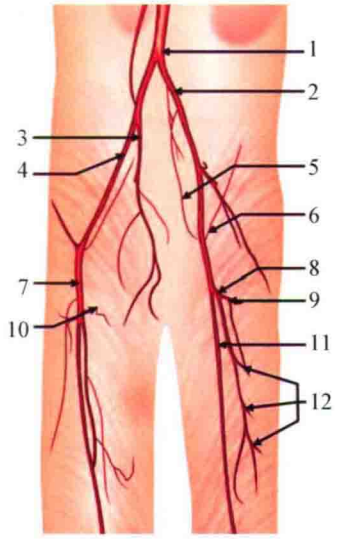
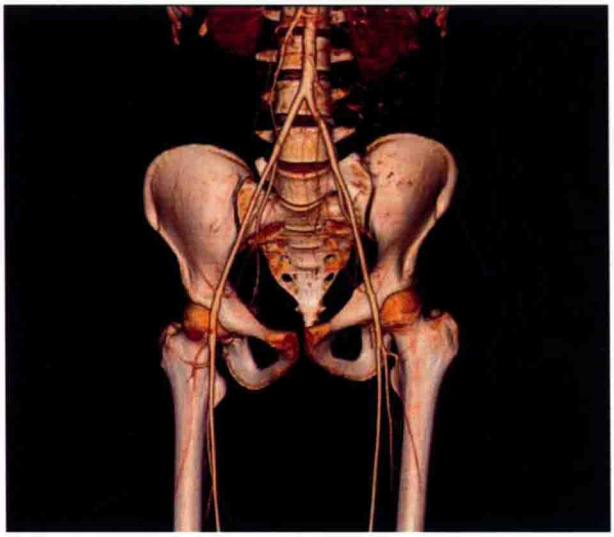


图19-1

1. 腹主动脉 Aorta
2. 髂总动脉 Common iliac artery
3. 髂内动脉 Internal iliac artery
4. 髂外动脉 External iliac artery
5. 下腹壁浅动脉 Superficial inferior epigastric artery
6. 腹壁浅动脉 Superficial circumflex epigastric artery
7. 股动脉 Common femoral artery
8. 股深动脉 Profunda femoral artery
9. 旋股外侧动脉 Lateral circumflex artery
10. 旋股内侧动脉 Medial circumflex artery
11. 股浅动脉 Superficial femoral artery
12. 肌支 Muscular branches



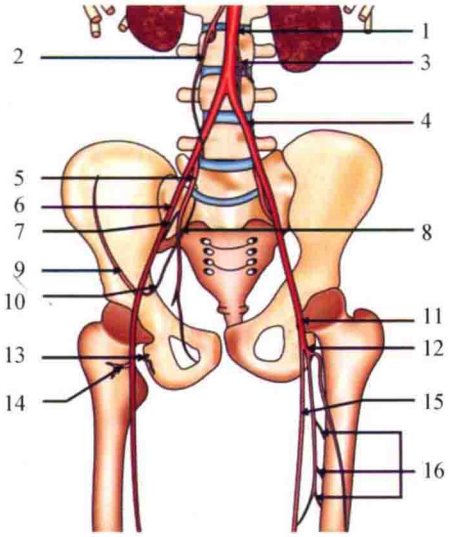


图19-2

1. 腹主动脉 Aorta
2. 肠系膜上动脉 Superior mesenteric artery
3. 肠系膜下动脉 Inferior mesenteric artery
4. 髂总动脉 Common iliac artery
5. 髂内动脉 Internal iliac artery
6. 髂外动脉 External iliac artery
7. 髂内动脉，前分支 Interior iliac, anterior division
8. 髂内动脉，后分支 Posterior division
9. 腹壁浅动脉 Superficial circumflex epigastric artery
10. 下腹壁浅动脉 Superficial inferior epigastric artery
11. 股动脉 Common femoral artery
12. 股深动脉 Profunda femoral artery
13. 旋股内侧动脉 Medial circumflex artery
14. 旋股外侧动脉 Lateral circumflex artery
15. 股浅动脉 Superficial femoral artery
16. 肌支 Muscular branches



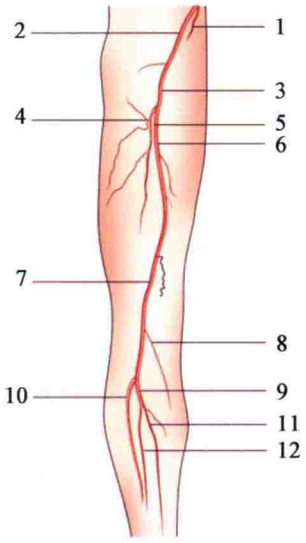
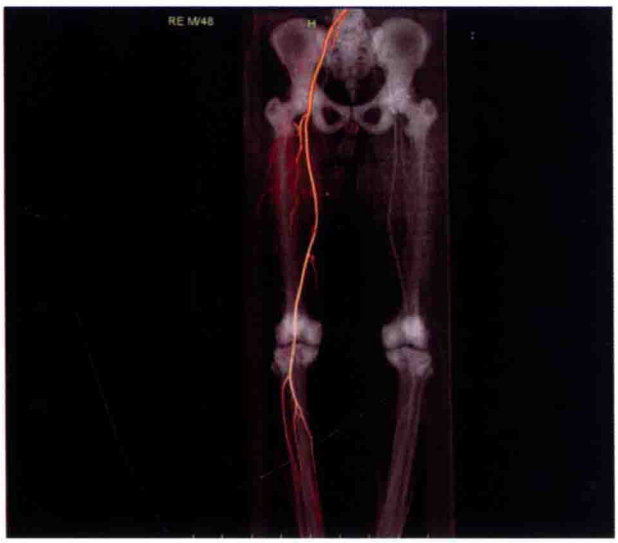


图19-3

1. 髂内动脉 Internal iliac artery
2. 髂外动脉 External iliac artery
3. 股动脉 Common femoral artery
4. 旋股外侧动脉 Lateral circumflex artery
5. 股深动脉 Profunda femoral artery
6. 股浅动脉 Superficial femoral artery
7. 腘动脉 Popliteal artery
8. 膝支 Genicular branch
9. 胫腓干 Tibioperoneal trunk
10. 胫前动脉 Anterior tibial artery
11. 胫后动脉 Posterior tibial artery
12. 腓动脉 Peroneal artery



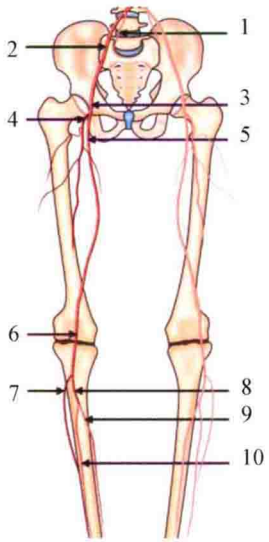


图19-4

1. 髂内动脉 Internal iliac artery
2. 髂外动脉 External iliac artery
3. 股总动脉 Common femoral artery
4. 股深动脉 Profunda femoral artery
5. 股浅动脉 Superficial femoral artery
6. 腘动脉 Popliteal artery
7. 胫前动脉 Anterior tibial artery
8. 胫腓干 Tibioperoneal trunk
9. 胫后动脉 Posterior tibial artery
10. 腓动脉 Peroneal artery