实用

PRACTICE

人体解剖彩色图谱

COLOUR ATLAS OF HUMAN ANATOMY



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前　言

为适应医学教育改革的需要，面向二十一世纪，根据《解剖学》课程和教材的要求，我们编著了这部以人体实物标本为主的彩色图谱。本图谱主要供全国五年制和七年制医学专业学生学习使用，也适用于研究生、临床医师和解剖学科研与教学人员，是一部全面、系统和实用的医学工具书。

本图谱的编排以人体部位的层次结构为主，除正常解剖图外，亦有少部分解剖变异图，其中包括我们的科研成果图。本图谱分运动系统、下肢、上肢、胸部、腹部、盆部与会阴、颈部、头部和中枢神经系统，共9章，彩色图461幅，其中标本图425幅。实物标本大部分是新制作的，少部分为陈列馆现存的经典标本，所有标本图像均由专业摄影师拍摄制作而成。图谱以局部解剖为主，系统解剖为辅，并有部分断层解剖图、铸型标本图，以及少量示意图，其编排顺序基本与《解剖学》教材一致。图谱中的解剖学名词按中英文标注，并以全国自然科学名词审定委员会1991年公布的《解剖学名词》为准，尚未公布的结构名词，则按规划教材标注。为了方便读者查阅，附有以汉语拼音为序的中英文解剖学名词索引。

由于新标本制作的工作任务繁重，图片拍摄加工和技术处理难度较大，加之我们的水平有限，本图谱难免有错误或不妥之处，敬请广大师生和读者不吝赐正。

编　者

2001年1月

使用说明

本图谱按人体局部、层次结构编排，并分章完成。全书共9章，第一章：运动系统，第二章：下肢，第三章：上肢，第四章：胸部，第五章：腹部，第六章：盆部与会阴，第七章：颈部，第八章：头部，第九章：中枢神经系统。设有339个图号，选图461幅，其中标本图425幅，以局部解剖图为主，系统解剖图为辅，并有部分断层解剖图和铸型标本图，以及少量示意图。根据图幅顺序和大小编排，表达不同部位和层次的细小结构，采用引线、标数字并外注字，中英文对照。常用英文名词按国际惯例，使用缩写，如：artery缩写为a.,vein缩写为v.,nerve缩写为n.,ligament缩写为lig.,muscle被省略。为方便读者使用，各章首以装饰页分隔。书后附有以汉语拼音为序的中英文解剖学名词索引。

读者在使用中可(1)按目录以局部、层次查找某一具体结构;(2)按汉语拼音先在索引中查找结构名称，并据索引中标出的页码和图号可迅速从图中找到该结构。

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第 1 章

运动系统

CHAPTER 1 THE LOCOMOTOR SYSTEM



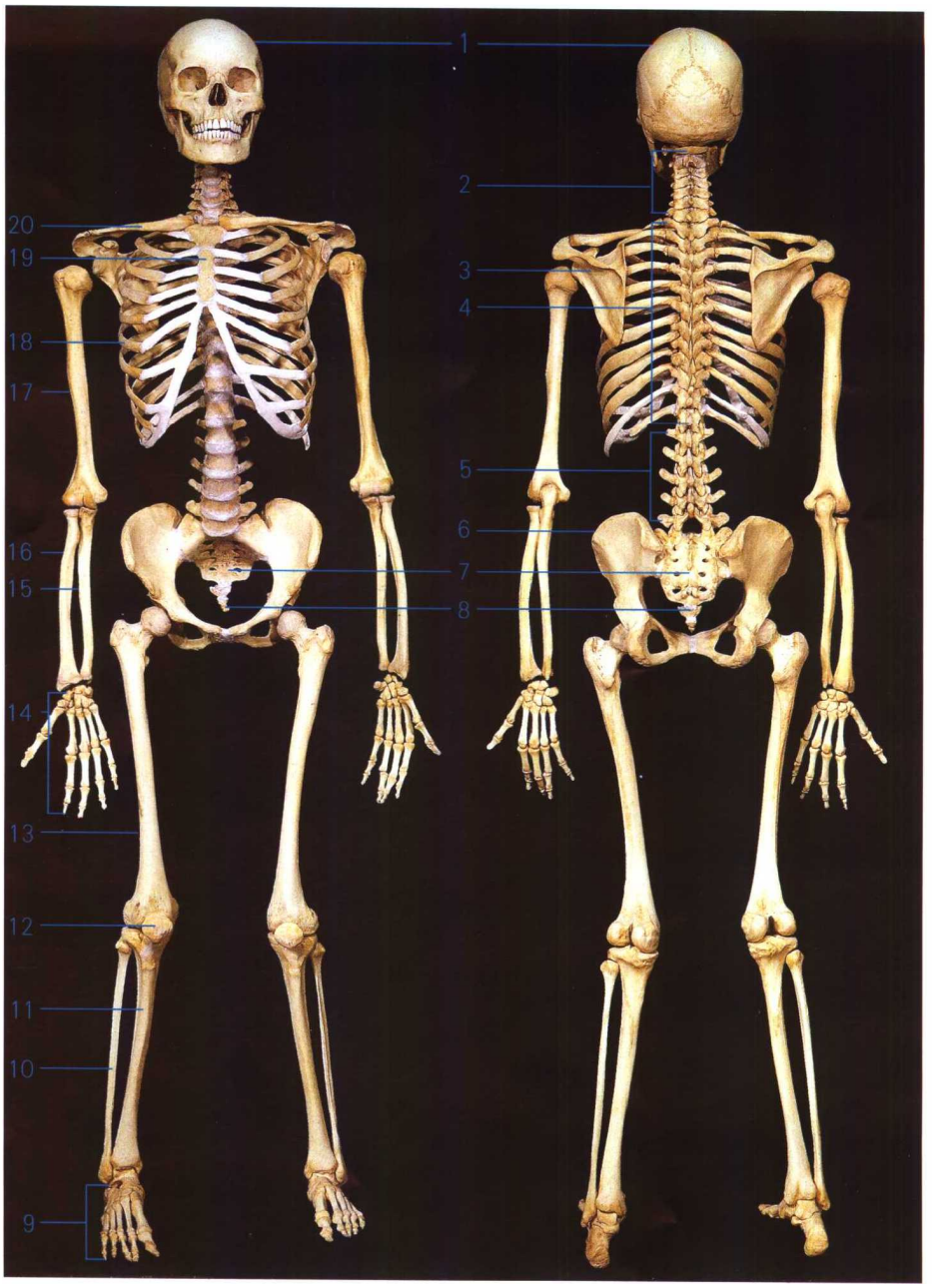
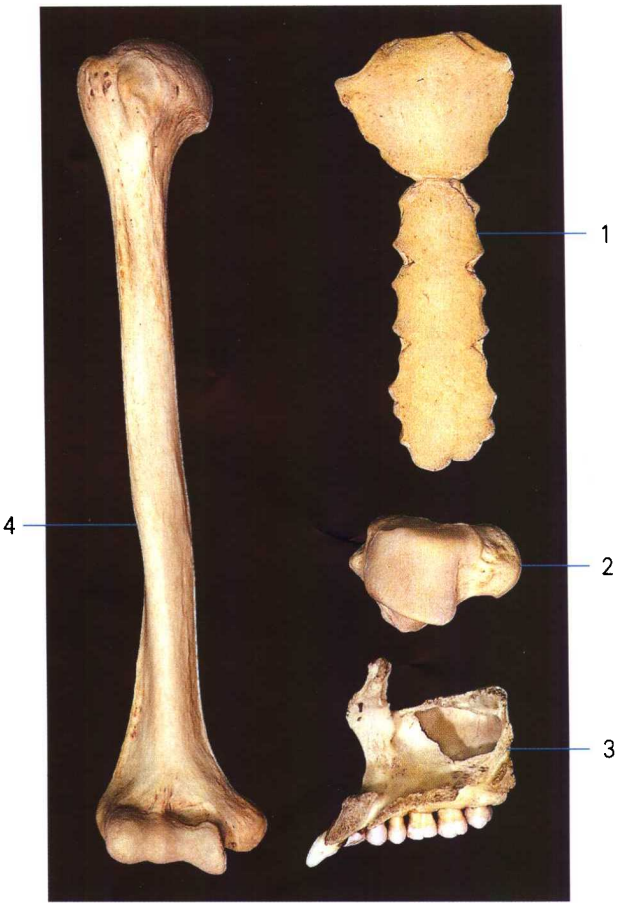


图 1　全身骨骼(前和后面观)
The skeleton(anterior and posterior aspect)

1. 颅骨　cranial bones
2. 颈椎　cervical vertebrae
3. 肩胛骨　scapula
4. 胸椎　thoracic vertebrae
5. 腰椎　lumbar vertebrae
6. 髋骨　hip bone
7. 骶骨　sacrum
8. 尾骨　coccyx
9. 足骨　bones of foot
10. 腓骨　fibula
11. 胫骨　tibia
12. 髌骨　patella
13. 股骨　femur
14. 手骨　bones of hand
15. 尺骨　ulna
16. 桡骨　radius
17. 肱骨　humerus
18. 肋　ribs
19. 胸骨　sternum
20. 锁骨　clavicle



1. 扁骨 flat bone
2. 短骨 short bone
3. 不规则骨 irregular bone
4. 长骨 long bone

图2 骨的分类
Classification of bones

a. 股骨上端剖面 The upper part of the femur.section
b. 跟骨剖面 Section of the calcaneus
c. 顶骨剖面 Section of the parietal bone
d. 椎骨剖面 Section of the vertebral
1. 松质 Spongy
2. 密质 compact
3. 骨髓 bone marrow
4. 骨膜 periosteum
5. 关节软骨 articular cartilage
6. 外板 outer plate
7. 板障 diploe
8. 内板 inner plate

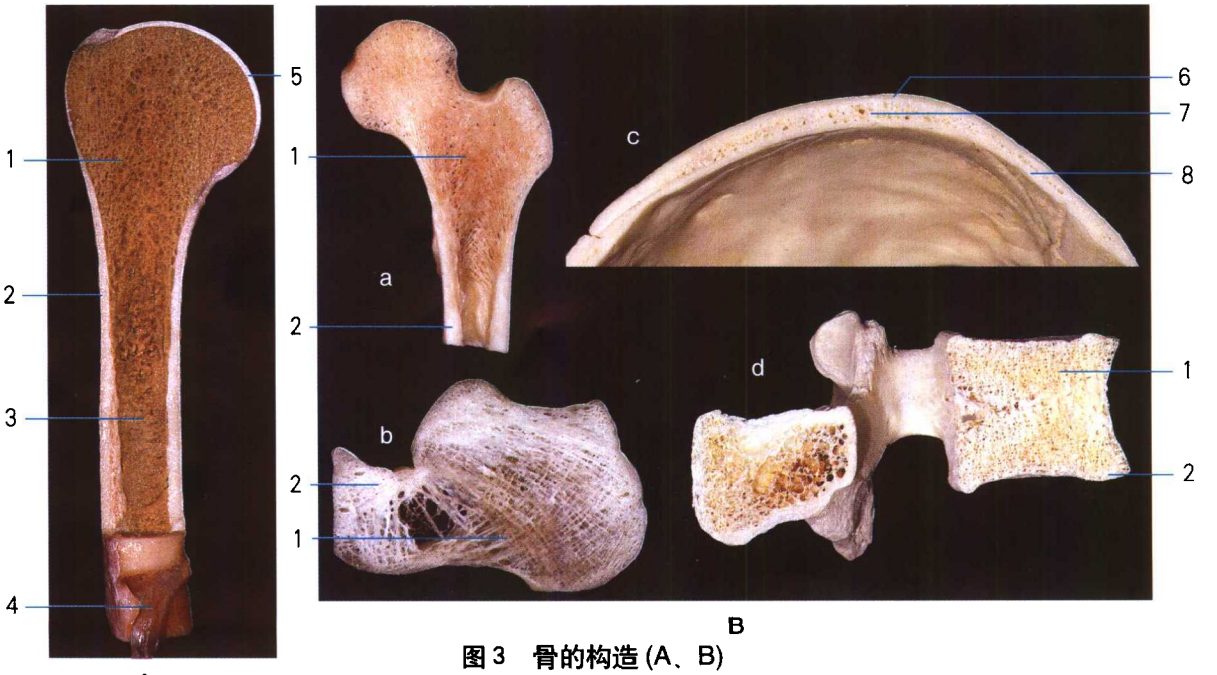


图3 骨的构造 (A、B)
Structure of the bone(A,B)

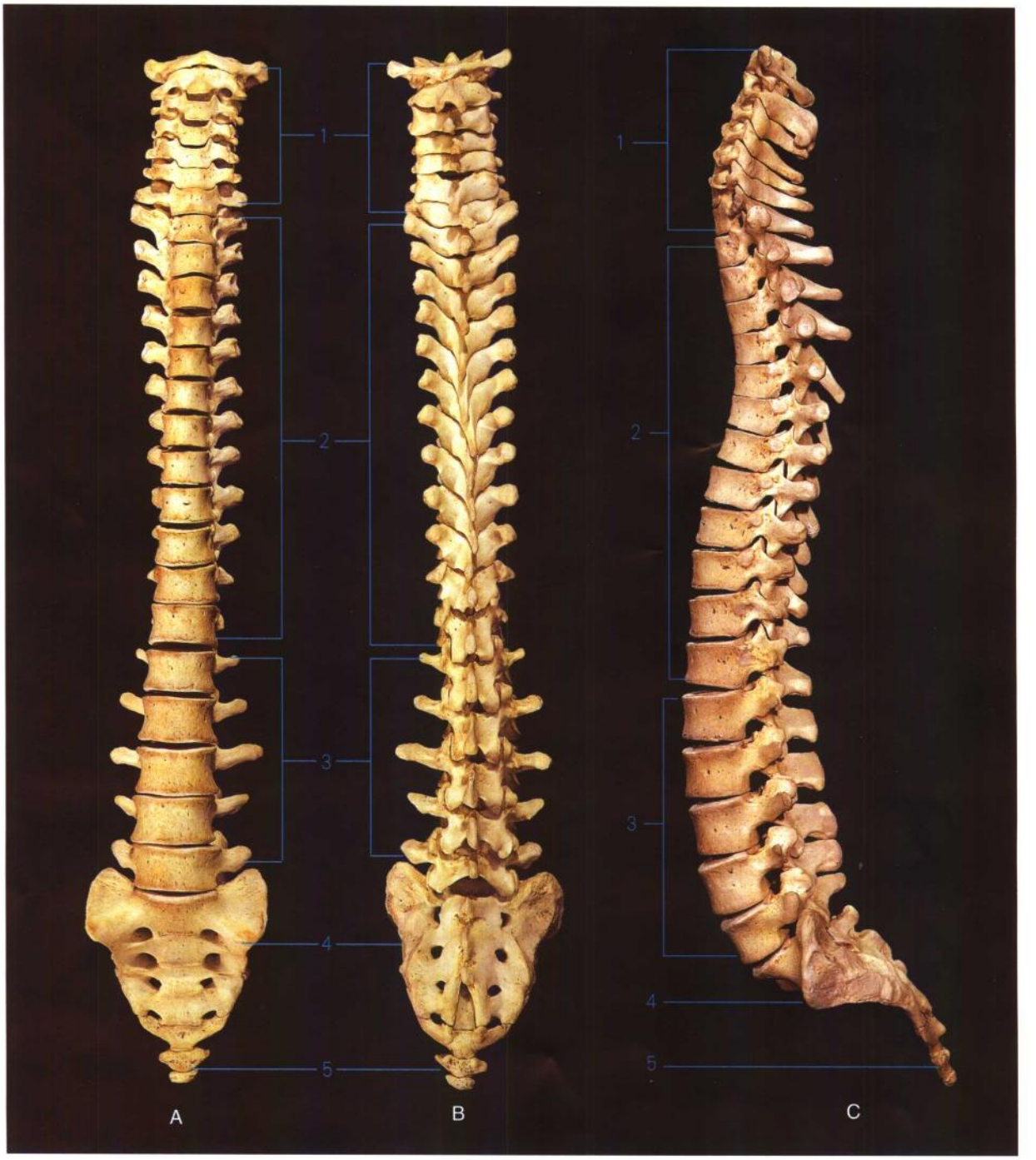


图4 脊柱(A、B、C)
The vertebral column(A,B,C)

A. 前面观 Anterior aspect
B. 后面观 Posterior aspect
C. 侧面观 L ateral aspect
1. 颈椎 cervical vertebrae
2. 胸椎 thoracic vertebrae
3. 腰椎 lumbar vertebrae
4. 骶骨 sacrum
5. 尾骨 coccyx

1. 前结节 anterior tubercle
2. 前弓 anterior arch
3. 横突 transverse process
4. 上关节凹 superior articular fovea
5. 后弓 posterior arch
6. 后结节 posterior tubercle
7. 椎动脉沟 groove for vertebral a.
8. 横突孔 transverse foramen
9. 侧块 lateral mass
10. 齿突凹 dental fovea
11. 下关节凹 inferior articular fovea
12. 椎孔 Vertebral foramen

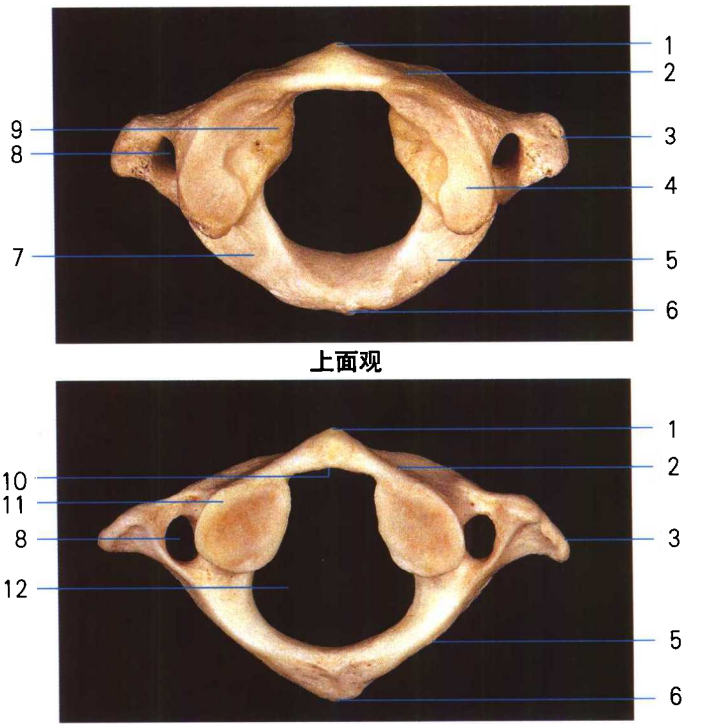


图5 寰椎(上和下面观)
The atlas(superior and inferior aspect)

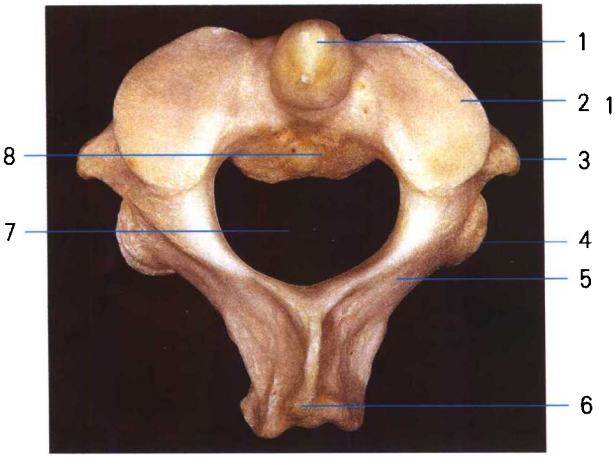


图6 枢椎(上面观)
The axis(superior aspect)

1. 齿突 dens
2. 上关节面 superior articular surface
3. 横突 transverse process
4. 下关节突 inferior articular process
5. 椎弓 vertebral arch
6. 棘突 spinous process
7. 椎孔 vertebral foramen
8. 椎体 vertebral body

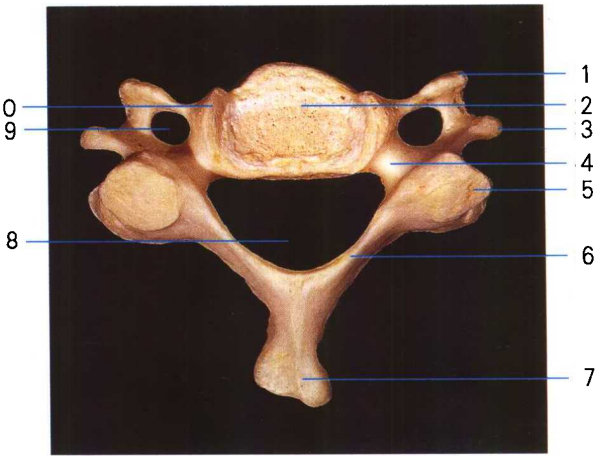
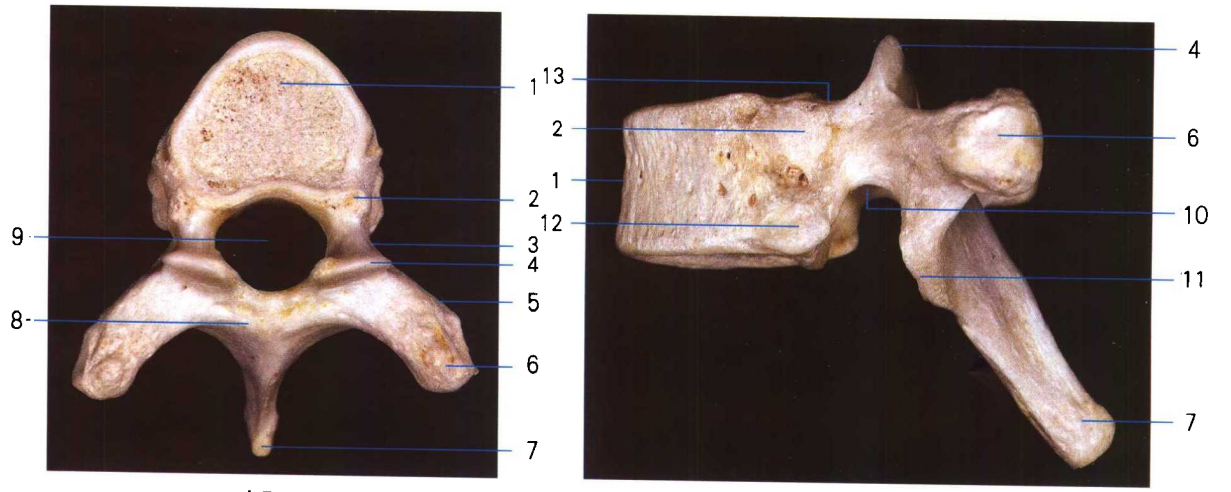


图7 颈椎(上面观)
A cervical vertebra(superior aspect)

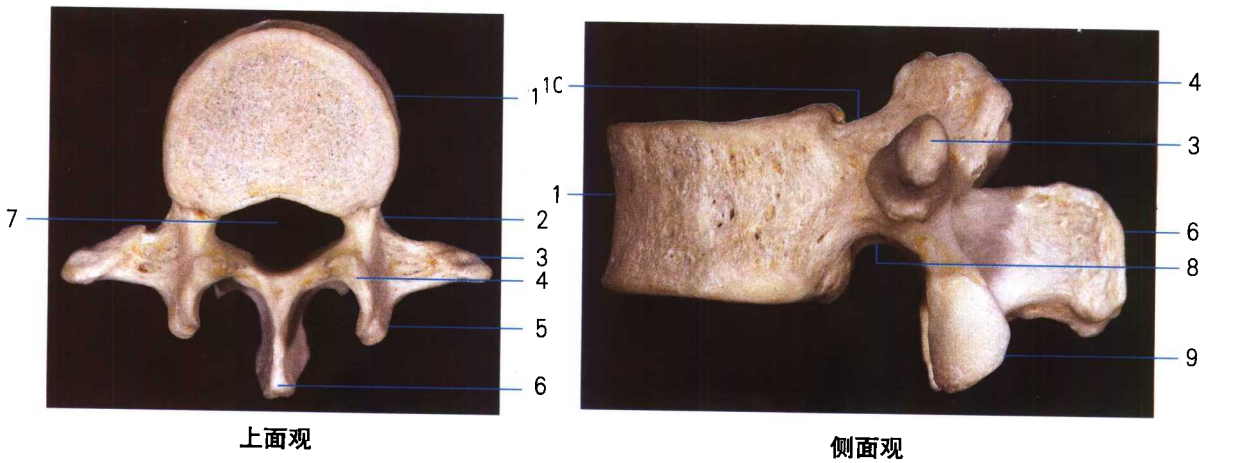
1. 前结节 anterior tubercle
2. 椎体 vertebral body
3. 后结节 posterior tubercle
4. 椎弓根 pedicle of vertebral arch
5. 上关节突 superior articular process
6. 椎弓 vertebral arch
7. 棘突 spinous process
8. 椎孔 vertebral foramen
9. 横突孔 transverse foramen
10. 椎体钩 uncus of vertebral body



上面观　　侧面观

图 8　胸椎(上和侧面观)
A thoracic vertebra(superior and lateral aspect)

1. 椎体　vertebral body
2. 上肋凹　superior costal fovea
3. 椎弓根　pedicle of vertebral arch
4. 上关节突　superiof articular process
5. 横突　transverse process
6. 横突肋凹　transverse costal fovea
7. 棘突　spinous process
8. 椎弓板　lamina of vertebral arch
9. 椎孔　vertebral foramen
10. 椎下切迹　inferior vertebral notch
11. 下关节突　inferior articular process
12. 下肋凹　inferior costal fovea
13. 椎上切迹　superior vertebral notch



上面观　　侧面观

图 9　腰椎(上和侧面观)
A lumbar vertebra(superior and lateral aspect)

1. 椎体　vertebral body
2. 椎弓根　pedicle of vertebral arch
3. 横突　transverse process
4. 上关节突　superior articular process
5. 乳突　mamillary process
6. 棘突　spinous process
7. 椎孔　vertebral foramen
8. 椎下切迹　inferior vertebral notch
9. 下关节突　inferior articular process
10. 椎上切迹　superior vertebral notch

1. 上关节突 superior articular process
2. 岬 promontory
3. 骶翼 ala of sacarum
4. 骶前孔 anterior sacrum foramen
5. 横线 transverse line
6. 骶骨尖 apex of sacrum
7. 尾骨角 coccygeal cornu

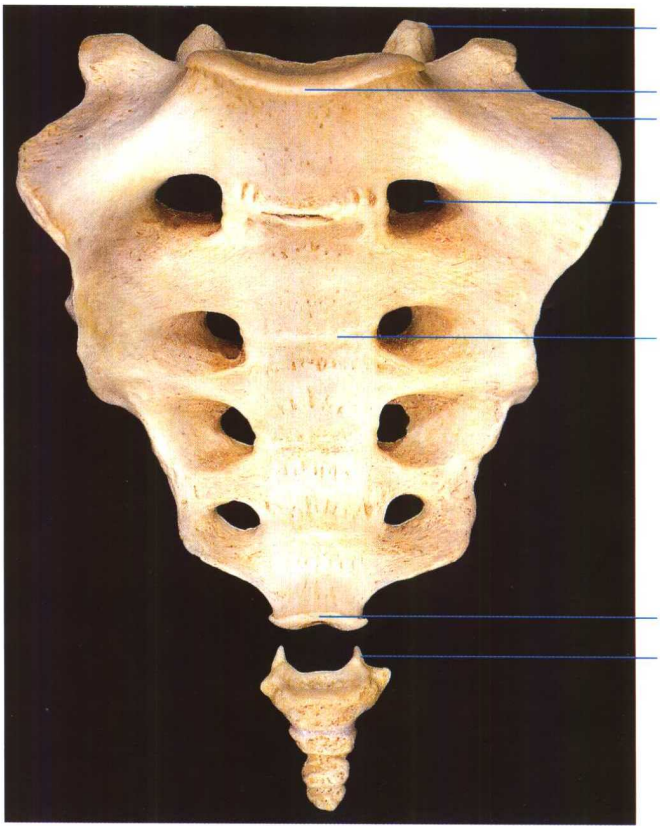
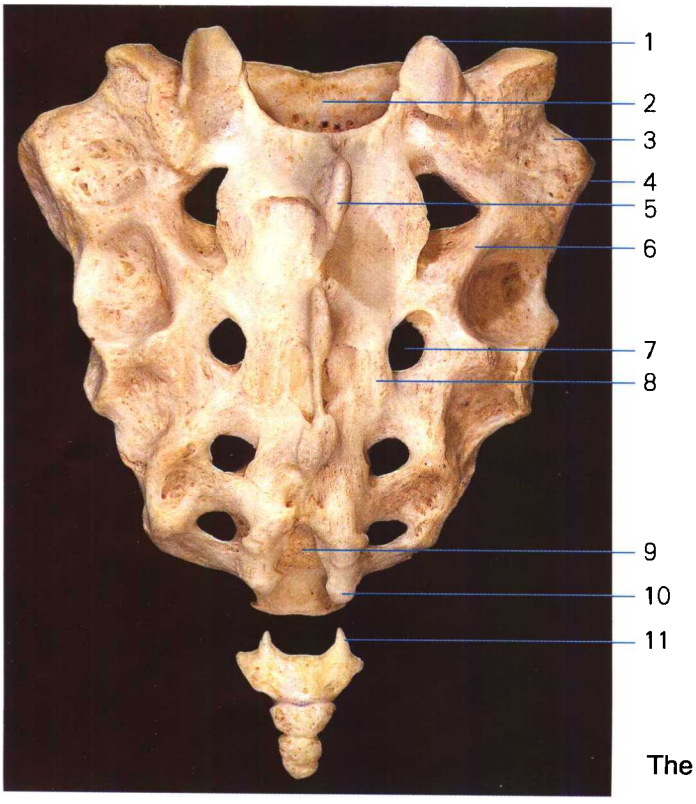
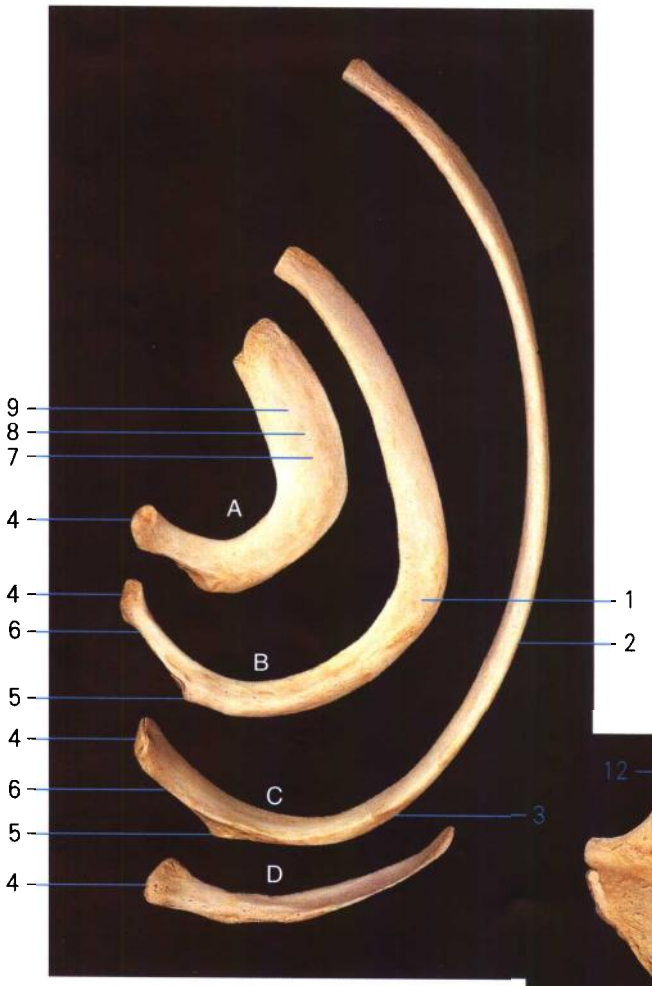


图10 骶骨和尾骨(前面观)
The sacrum and coccyx(anterior aspect)



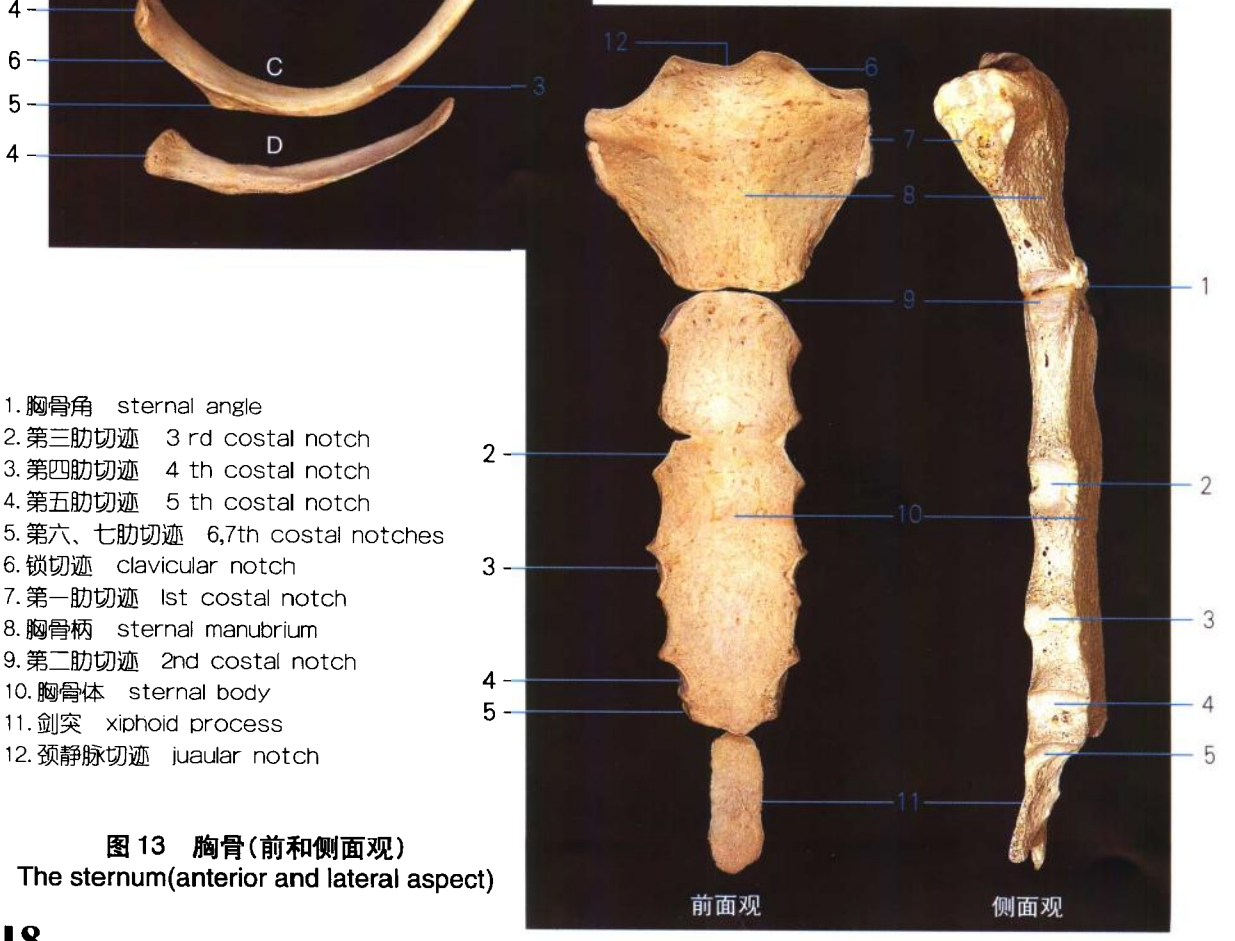
1. 上关节突 superior articular process
2. 骶管 sacral canal
3. 骶粗隆 sacral trberosity
4. 耳状面 auricular surface
5. 骶正中嵴 median sacral crest
6. 骶外侧嵴 lateral sacral crest
7. 骶后孔 posterior sacral foramen
8. 骶中间嵴 intermediate sacral crest
9. 骶管裂孔 sacral hiatus
10. 骶角 sacral cornu
11. 尾骨角 coccygeal cornu

图11 骶骨和尾骨(后面观)
The sacrum and coccyx(posterior aspect)



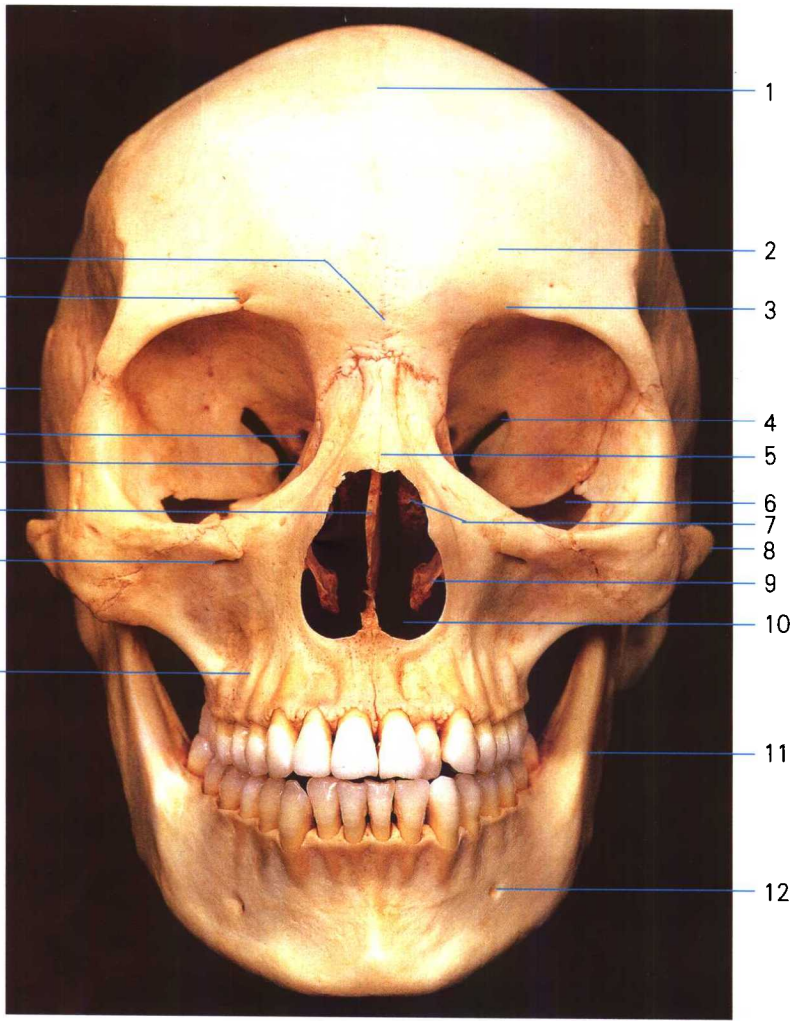
1. 前锯肌粗隆 tuberosity for serratus anterior
2. 肋体 shaft of rib
3. 肋角 costal angle
4. 肋头 costal head
5. 肋结节 costal tubercle
6. 肋颈 costal neck
7. 锁骨下动脉沟 sulcus for subclavian a.
8. 前斜角肌结节 tubercle for scalenus anterior
9. 锁骨下静脉沟 sulcus for subclavian v.

图 12 第一(A)、二(B)、六(C)、十二(D)肋骨(上面观)
The lst(A),2nd(B),6th(C),12th(D) ribs (superior aspect)



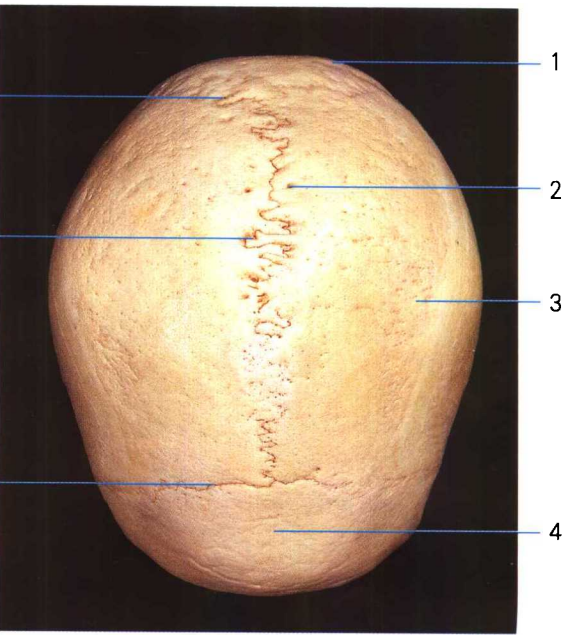
1. 胸骨角 sternal angle
2. 第三肋切迹 3 rd costal notch
3. 第四肋切迹 4 th costal notch
4. 第五肋切迹 5 th costal notch
5. 第六、七肋切迹 6,7th costal notches
6. 锁切迹 clavicular notch
7. 第一肋切迹 lst costal notch
8. 胸骨柄 sternal manubrium
9. 第二肋切迹 2nd costal notch
10. 胸骨体 sternal body
11. 剑突 xiphoid process
12. 颈静脉切迹 juaular notch

图 13 胸骨(前和侧面观)
The sternum(anterior and lateral aspect)



1. 额骨 frontal bone
2. 眉弓 Superciliary arch
3. 眶上切迹 Superior orbital notch
4. 眶上裂 superior orbital fissure
5. 鼻骨 nasal bone
6. 眶下裂 inferior orbital fissure
7. 中鼻甲 middle nasal concha
8. 颧骨 zygomatic bone
9. 下鼻甲 inferior nasal concha
10. 梨状孔 piriform aperture
11. 下颌支 ramus of mandible
12. 颏孔 mental foramen
13. 上颌骨 maxilla
14. 眶下孔 infraorbital foramen
15. 鼻中隔 nasal septum
16. 泪骨 lacrimal bone
17. 视神经管 optic canal
18. 颞骨 temporal bone
19. 眶上孔 supraorbital foramen
20. 眉间 glabella

图 14 颅(前面观)
The skull(anterior aspect)



1. 枕骨 occipital bone
2. 顶孔 parietal foramen
3. 顶骨 parietal bone
4. 额骨 frontal bone
5. 冠状缝 coronal suture
6. 矢状缝 sagittal suture
7. 人字缝 lambdoid suture

图 15 颅(上面观)
The skull(superior aspect)

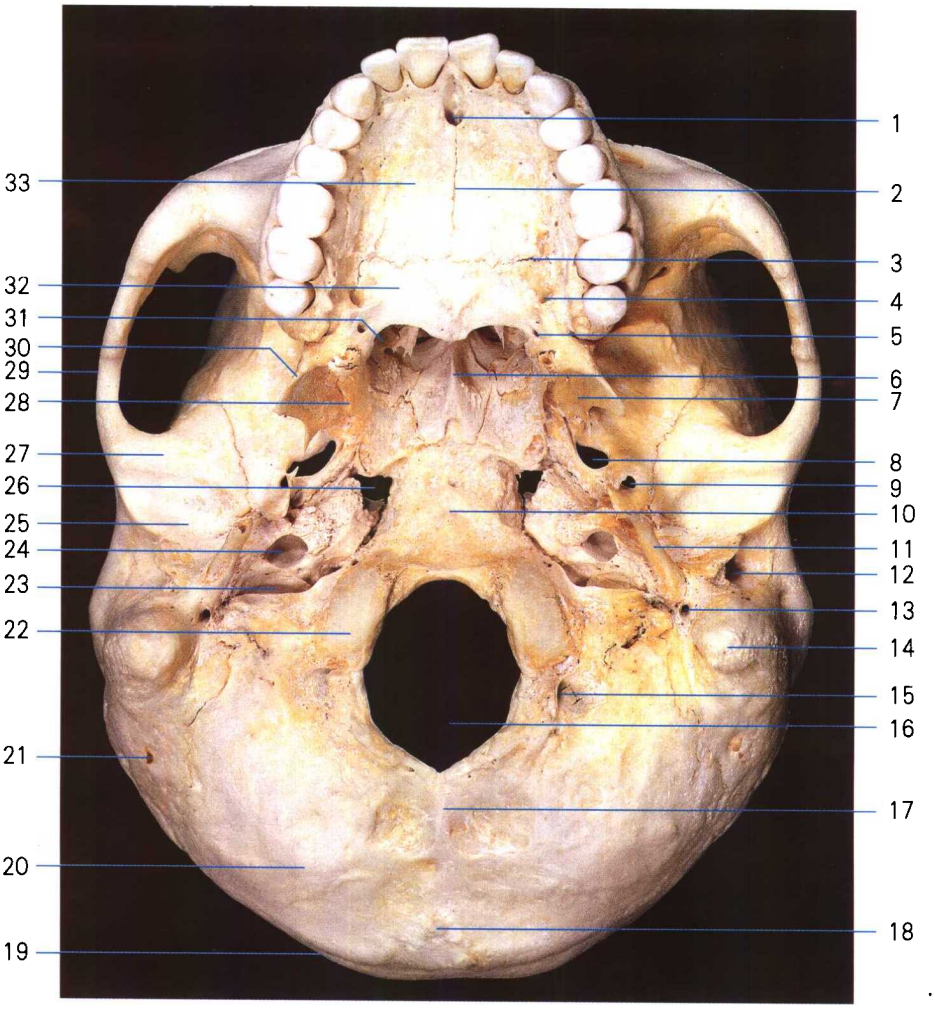


图 16　颅底外面观
The external aspect of the base of the skull

1. 切牙孔　incisive foramina
2. 腭正中缝　median palatine suture
3. 腭横缝　transverse palatine suture
4. 腭大孔　greater palatine foramen
5. 腭小孔　lesser palatine foramen
6. 犁骨　vomer
7. 翼窝　pterygoid fossa
8. 卵圆孔　foramen ovale
9. 棘孔　foramen spinosum
10. 咽结节　pharyngeal tubercle
11. 茎突　styloid process
12. 外耳门　external acoustic pore
13. 茎乳孔　stylomastoid foramen
14. 乳突　mastoid process
15. 髁管　condylar canal
16. 枕骨大孔　foramen magnum
17. 枕外嵴　external occipital crest
18. 枕外隆凸　external occipital protuberance
19. 上项线　superior nucha line
20. 下项线　inferior nucha line
21. 乳突孔　mastoid foramen
22. 枕髁　occipital condyle
23. 颈静脉窝　jugular fossa
24. 颈动脉管外口　external aperture of carotid canal
25. 下颌窝　mandibular fossa
26. 破裂孔　foramen lacerum
27. 关节结节　articular tubercle
28. 翼突内侧板　medial pterygoid plate
29. 颧弓　zygomatic arch
30. 翼突外侧板　lateral pterygoid plate
31. 鼻后孔　posterior nasal aperture
32. 水平板　horizontal plate
33. 腭突　palatine process

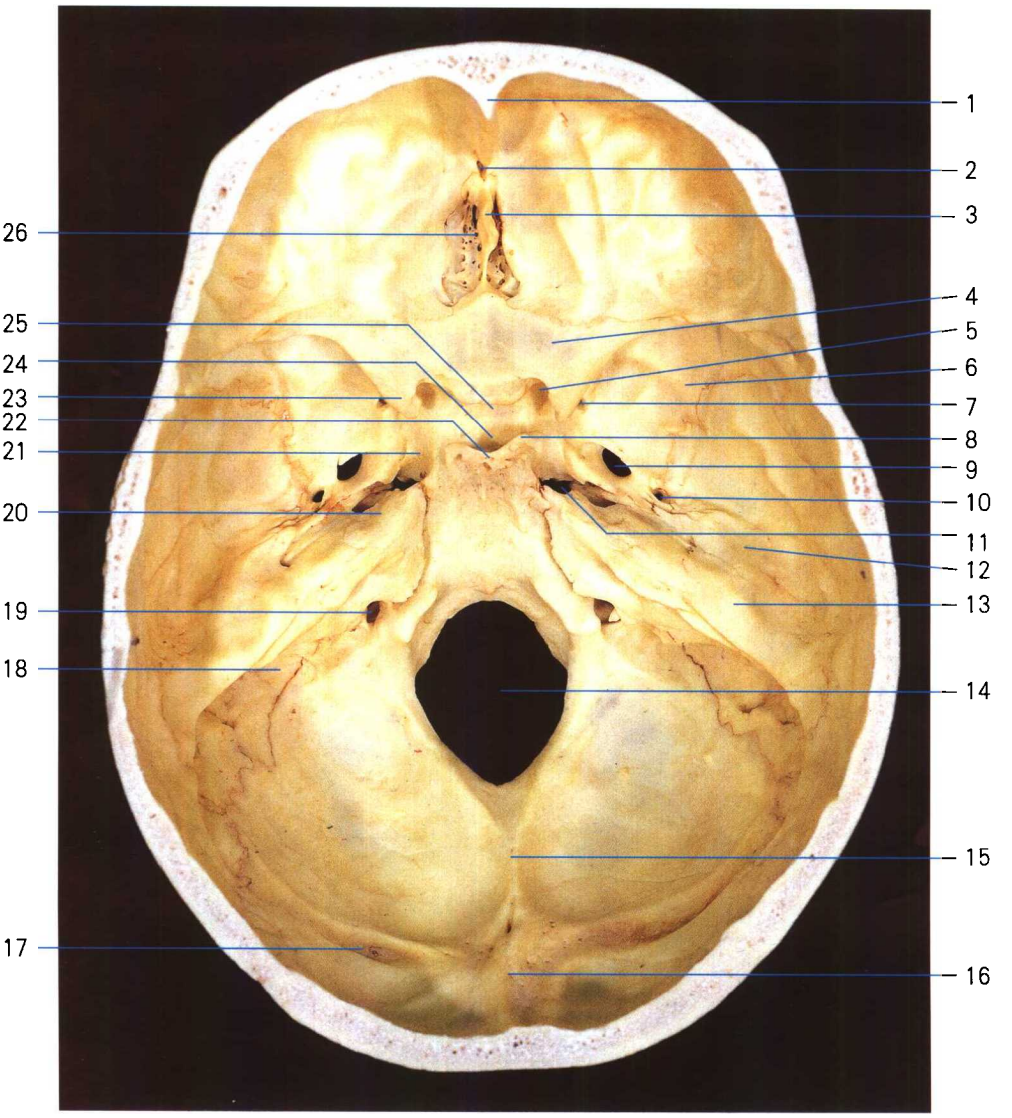
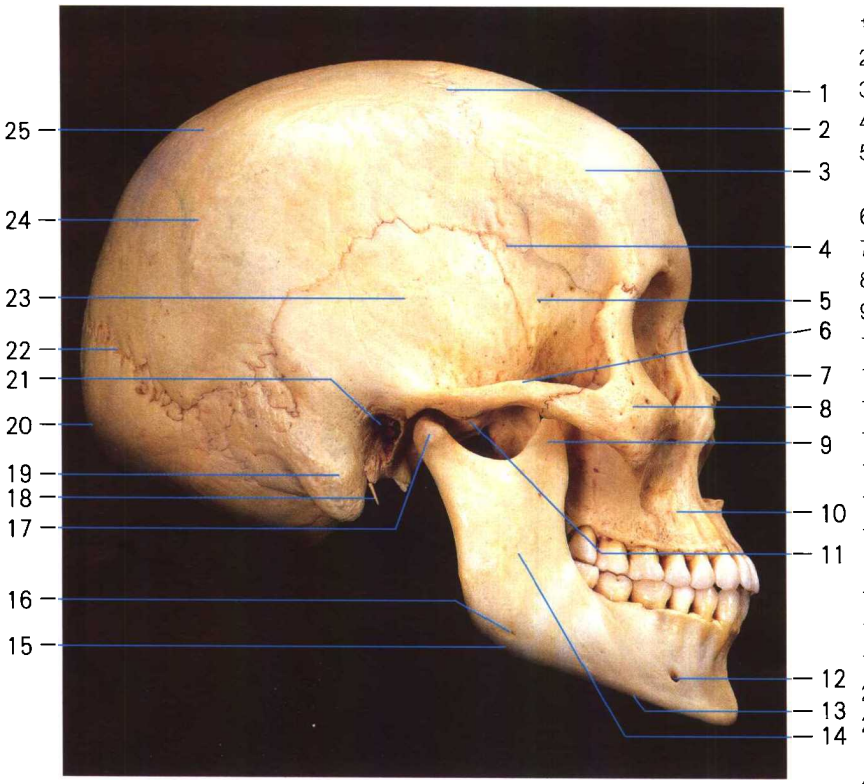


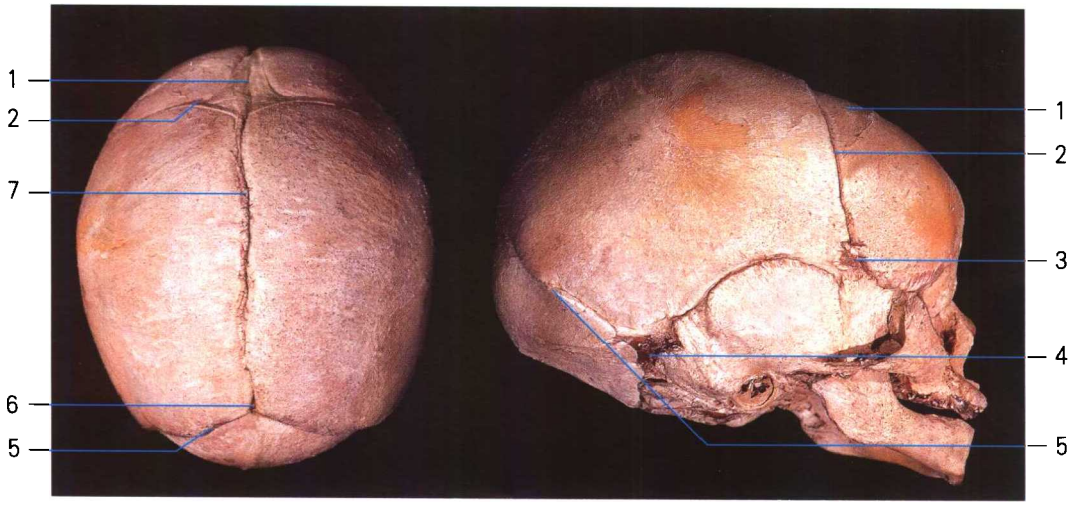
图 17　颅底内面观
The internal aspect of the base of the skull

1. 额嵴　frotal crest
2. 盲孔　foramen caecum
3. 鸡冠　crista galli
4. 小翼　lesser wing
5. 视神经管　optic canal
6. 大翼　greater wing
7. 圆孔　foramen rotundum
8. 后床突　posterior clinoid process
9. 卵圆孔　foramen ovale
10. 棘孔　foramen spinosum
11. 破裂孔　foramen lacerum
12. 鼓室盖　tegmen tympani
13. 弓状隆起　arcuata eminence
14. 枕骨大孔　foramen magnum
15. 枕内嵴　internal occipital crest
16. 枕内隆凸　internal occipital protuberance
17. 横窦沟　sulcus for transverse sinus
18. 乙状窦沟　sulcus for sigmoid sinus
19. 颈静脉孔　jugular foramen
20. 三叉神经压迹　trigeminal impression
21. 颈动脉沟　carotid sulcus
22. 鞍背　dorsum sellae
23. 前床突　anterior clinoid process
24. 垂体窝　hypophysial fossa
25. 交叉前沟　sulcus prechiasmaticus
26. 筛板　cribriform plate



1. 冠状缝 coronal suture
2. 额骨 frontal bone
3. 上颞线 superior temporal line
4. 翼点 pterion
5. 蝶骨大翼 greater wing of sphenoid bone
6. 颧弓 zygomatic arch
7. 鼻骨 nasal bone
8. 颧骨 zygomatic bone
9. 冠突 coronoid process
10. 上颌骨 maxilla
11. 关节结节 articular tubercle
12. 颏孔 mental foramen
13. 下颌体 body of mandible
14. 下颌支 ramus of mandible
15. 下颌角 angle of mandible
16. 咬肌粗隆 masseteric tuberosity
17. 髁突 condylar process
18. 茎突 styloid process
19. 乳突 mastoid process
20. 枕骨 occipital bone
21. 外耳门 external acoustic pore
22. 人字缝 lambdoid suture
23. 颞骨 temporal bone
24. 下颞线 inferior temporal line
25. 顶骨 parietal bone

图 18 颅(侧面观)
The skull(lateral sapect)

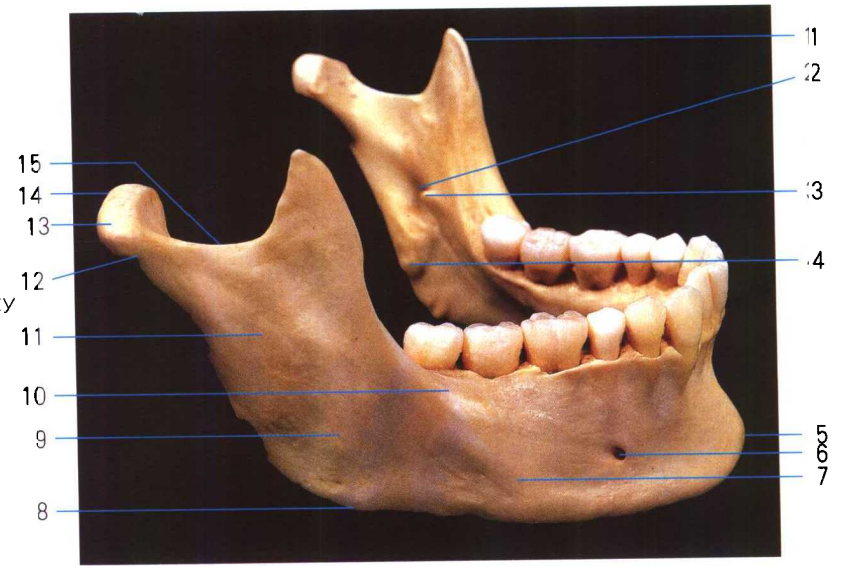


上面观 **侧面观**

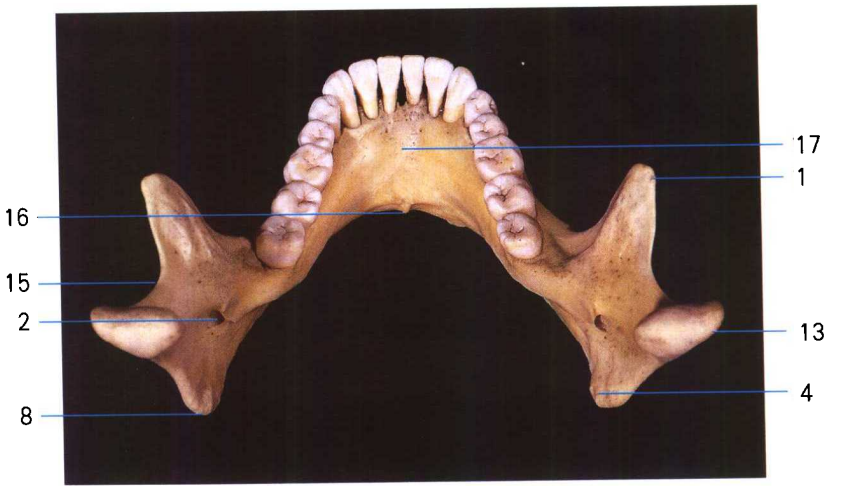
图 19 婴儿颅(上面和侧面观)
The skull of a infant(superior and lateral aspect)

1. 前囟 anterior fontanelle
2. 冠状缝 coronal suture
3. 前外侧囟 anterolateral fontanelle
4. 后外侧囟 posterolateral fontanelle
5. 人字缝 lambdiod suture
6. 后囟 posterior fontanelle
7. 矢状缝 sagittal suture

1. 冠突 coronoid process
2. 下颌孔 mandibuar foramen
3. 下颌小舌 mandibular lingula
4. 翼肌粗隆 pterygoid tuberosity
5. 颏隆凸 mental protuberance
6. 颏孔 mental foramen
7. 下颌体 body of mandible
8. 下颌角 angle of mandible
9. 咬肌粗隆 masseteric tuberosity
10. 斜线 oblique line
11. 下颌支 ramus of mandible
12. 下颌颈 neck of mandible
13. 下颌头 head of mandible
14. 髁突 condylar process
15. 下颌切迹 mandibular notch
16. 颏棘 mental spine
17. 舌下腺凹 subligual fovea



外侧面观



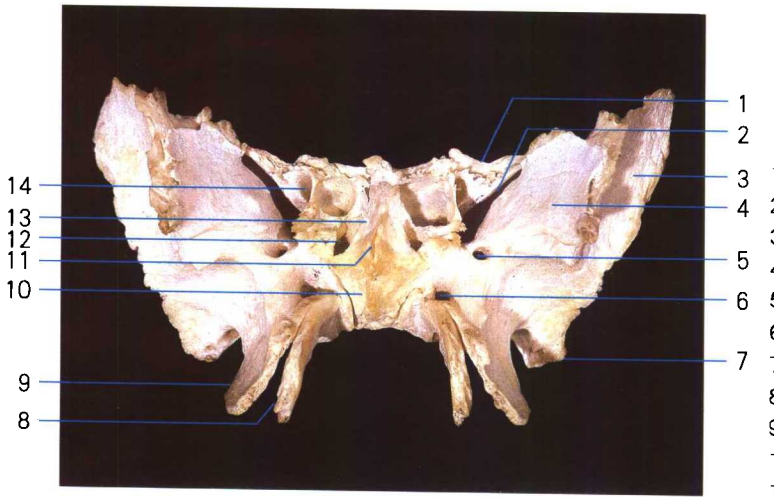
后面观

图 20 下颌骨(外侧面和后面观)
The mandible(lateral and posterior aspect)

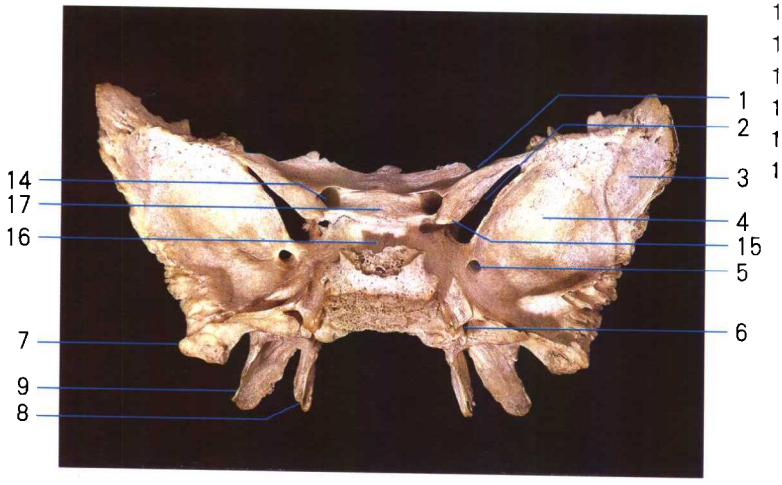


1. 大角 greater horn
2. 小角 lessrer horn
3. 舌骨体 body of hyoid bone

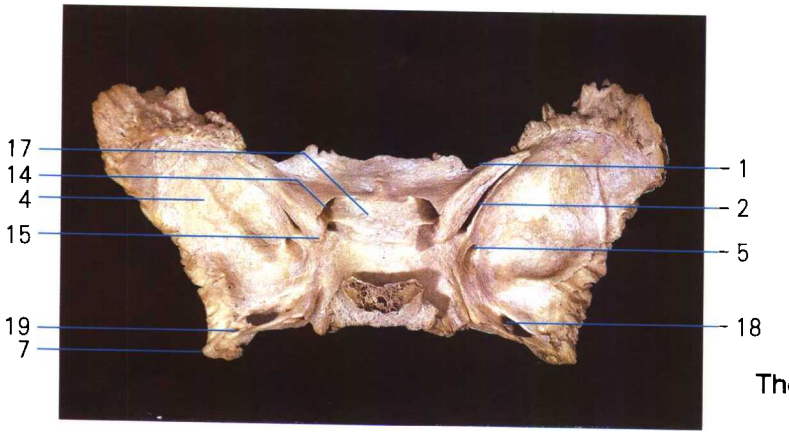
图 21 舌骨(上面观)
The hyoid bone(superior aspect)



前面观



后面观



上面观

1. 小翼 lesser wing
2. 眶上裂 superior orbital fissure
3. 大翼 greater wing
4. 眶面 orbital surface
5. 圆孔 foramen rotundum
6. 翼管 pterygoid canal
7. 蝶棘 spine of sphenoid bone
8. 翼突内侧板 medial pterygoid plate
9. 翼突外侧板 lateral pterygoid plate
10. 体 body
11. 蝶嵴 sphenoid crest
12. 蝶窦口 aperture of sphenoidal sinus
13. 蝶甲 sphenoidal concha
14. 视神经管 optic canal
15. 前床突 anterior clinoid process
16. 垂体窝 hypophysial fossa
17. 交叉前沟 sulcus prechiasmaticus
18. 卵圆孔 foramen ovale
19. 棘孔 foramen spinosum

图 22 蝶骨(前、后和上面观)
The sphenoid bone(anterior, posterior and superior aspect)

1. 鳞部 squamous part
2. 颧突 zygomatic process
3. 关节结节 articular tubercle
4. 下颌窝 mandibular fossa
5. 鼓部 tympanic part
6. 茎突 styloid process
7. 鼓乳裂 tympanomastoid fissure
8. 乳突 mastoid process
9. 道上嵴 superameatal spine
10. 道上小凹 superameatal foveola
11. 外耳门 external acoustic pore
12. 鼓室盖 tegmen tympani
13. 弓状隆起 arcuate eminence
14. 三叉神经压迹 trigeminal impression
15. 前庭水管外口 external aperture of aqueduct of vestibule
16. 岩上窦沟 suclus for superior petrosal sinus
17. 乙状窦沟 Suclus for sigmoid sinus
18. 颈动脉管 carotid canal
19. 颈静脉窝 jugular fossa
20. 茎乳孔 stylomastoid foramen
21. 枕动脉沟 occipital groove
22. 乳突切迹 mastoid notcth
23. 岩鳞裂 petrosquamous fissure
24. 岩鼓裂 petrotympanic fissure
25. 肌咽鼓管 musculotubal canal

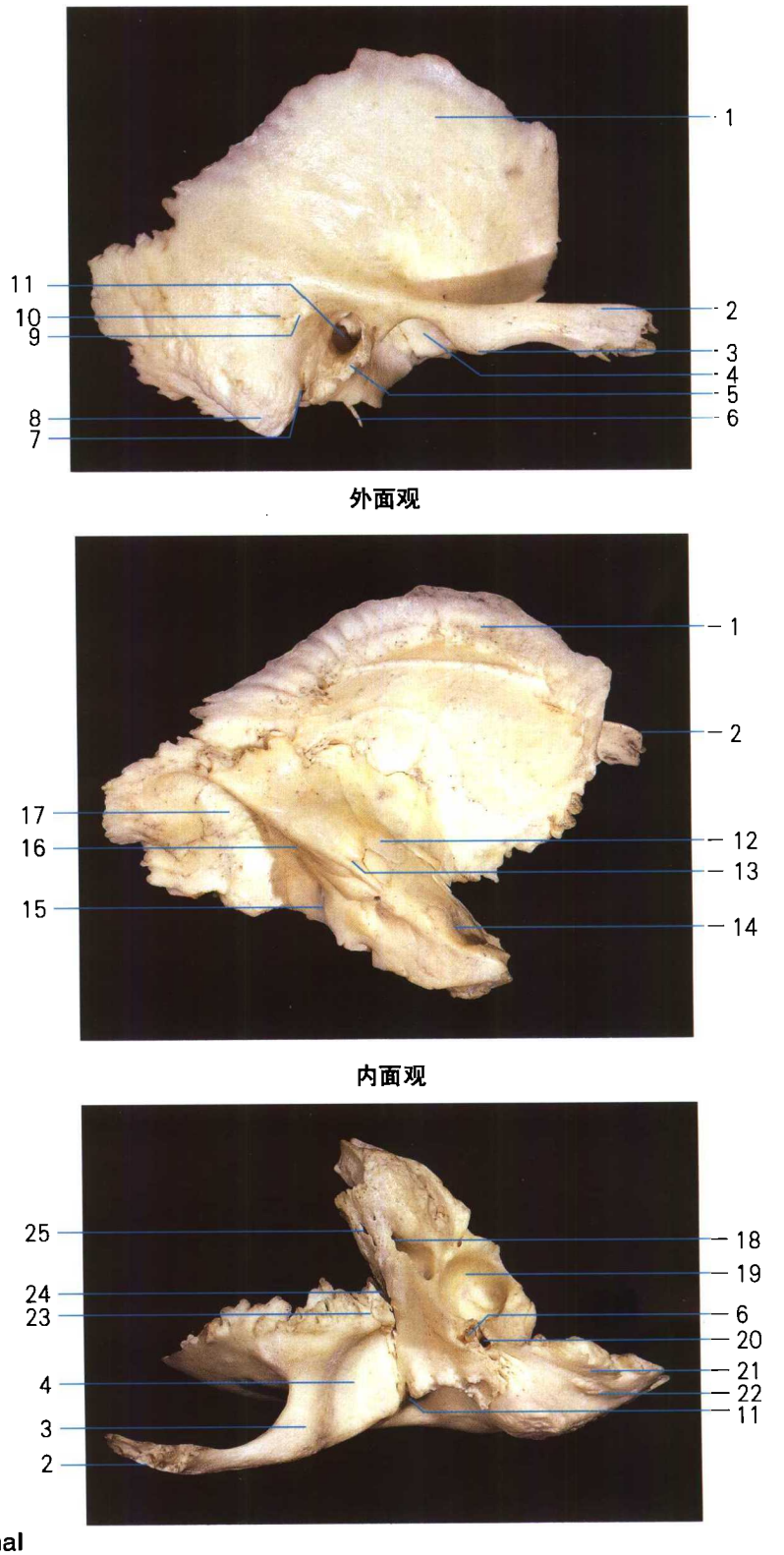
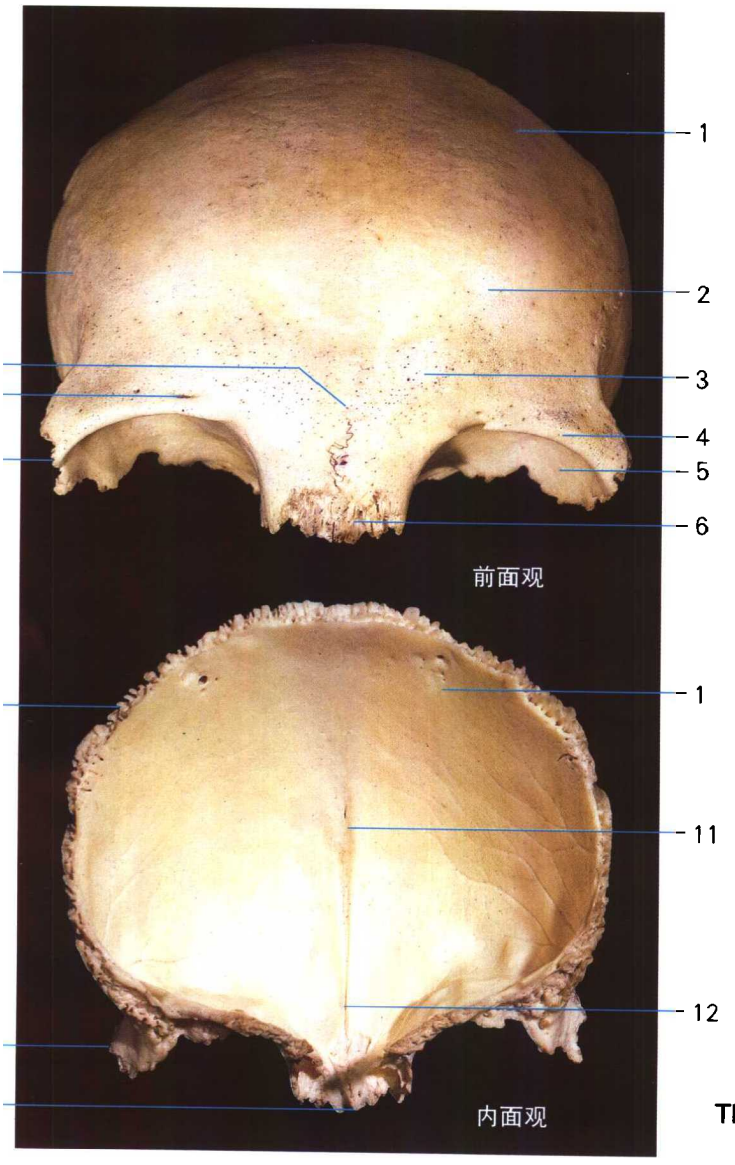
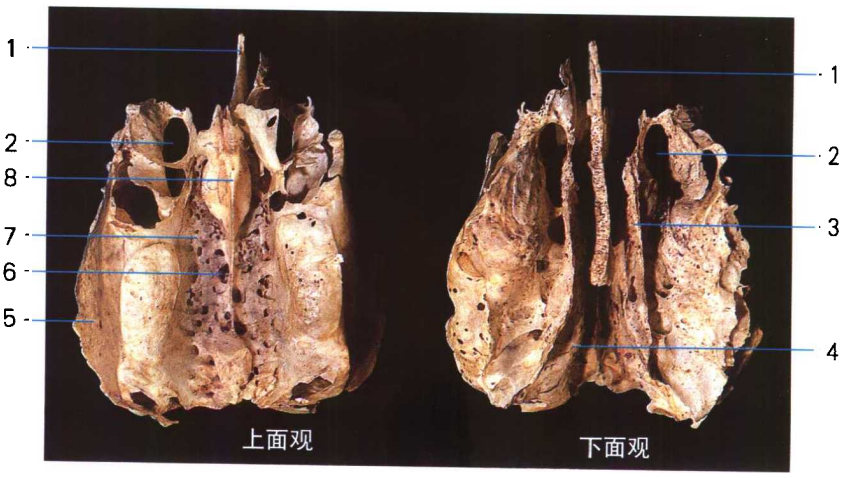


图23 颞骨(外、内和下面观)
The temporal bone(external,internal and inferior aspect)



1. 额鳞 frontal squama
2. 额结节 frontal tuberosity
3. 眉弓 superciliary arch
4. 眶上缘 supraorbital margin
5. 泪腺窝 fossa for lacrimal gland
6. 鼻缘 nasal margin
7. 颧突 zygomatic process
8. 眶上孔 supraorbital foramen
9. 眉间 glabella
10. 颞线 temporal line
11. 上矢状窦沟 sulcus for superior sagittal sinus
12. 额嵴 frontal crest
13. 顶缘 parietal margin

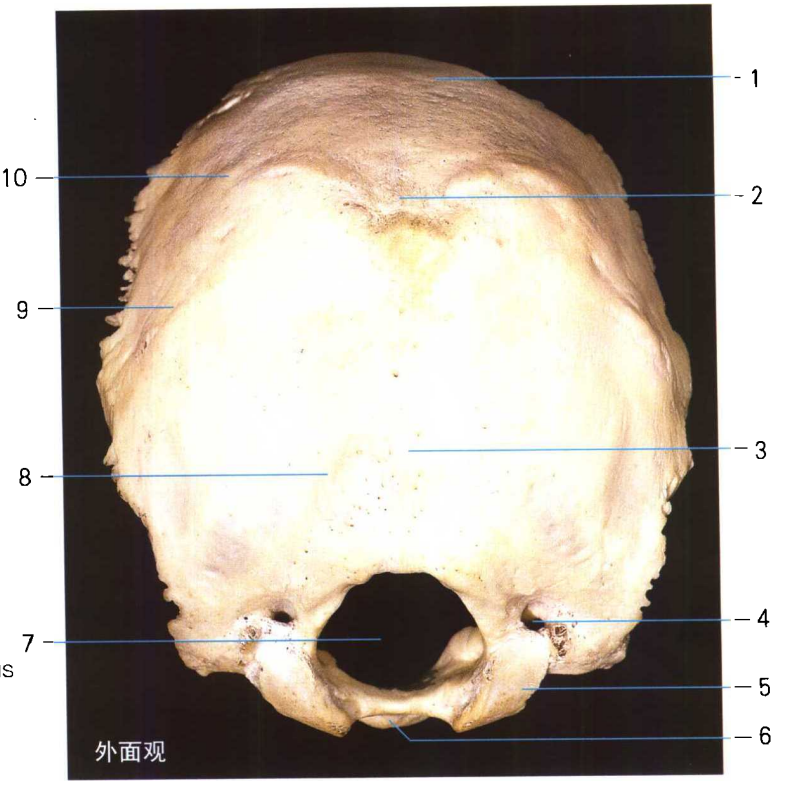
图 24 额骨(前和内面观)
The frontal bone(anterior and internal aspect)



1. 垂直板 perpendicular plate
2. 筛骨迷路 ethmoidal labyrinth
3. 中鼻甲 middle nasal concha
4. 上鼻甲 superior nasal concha
5. 眶板 orbital plate
6. 筛孔 ethmoidal foramen
7. 筛板 cribriform plate
8. 鸡冠 crista galli

图 25 筛骨(上和下面观)
The ethmoid bone(superior and inferior aspect)

1. 枕鳞 occipital squama
2. 枕外隆凸 external occipital protuberance
3. 枕外嵴 external occipital crest
4. 髁管 condylar canal
5. 枕髁 occipital condyle
6. 咽结节 pharyngeal tubercle
7. 大孔 foramen magnum
8. 下项线 inferior nuchal line
9. 上项线 superior nuchal line
10. 最上项线 highest nuchal line
11. 大脑窝 cerebral fossa
12. 枕内隆凸 internal occipital protuberance
13. 枕内嵴 internal occipital crest
14. 小脑窝 cerebellar fossa
15. 基底部 basilar part
16. 横窦沟 sulcus for transverse sinus
17. 上矢状窦沟 Sulcus for superior sagittal sinus



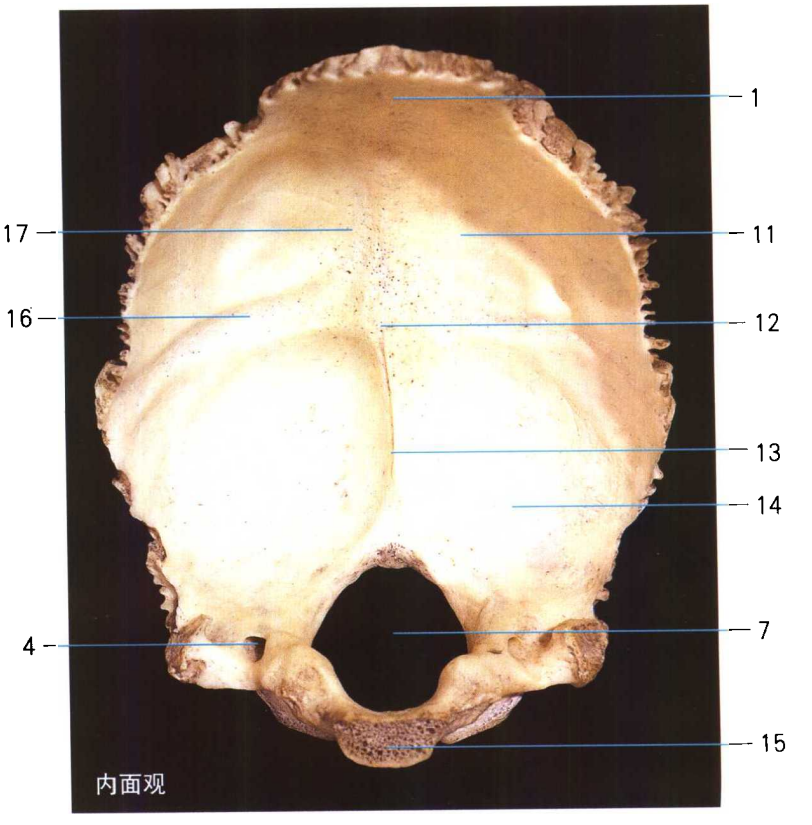
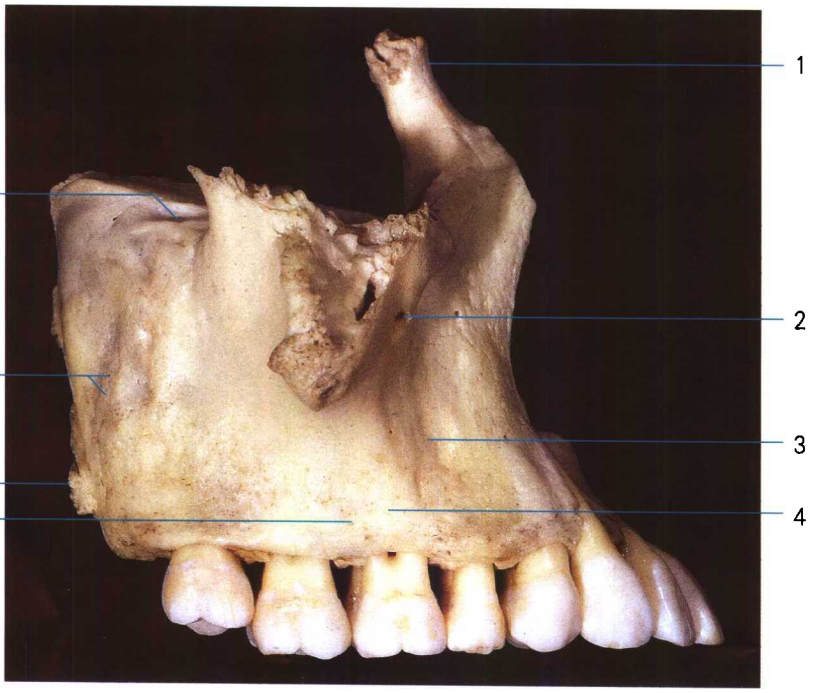


图 26 枕骨(外和内面观)
The occipital bone(external and internal aspect)



1. 额突 frontal process
2. 眶下孔 infraorbital foramen
3. 尖牙窝 canine fossa
4. 牙槽轭 juga alveolaria
5. 牙槽突 alveolar prooess
6. 上颌结节 maxillary tubercle
7. 牙槽孔 alveolar foramen
8. 眶下沟 infraorbital groove
9. 颧突 zygomatic process
10. 上颌窦裂孔 maxillary hiatus

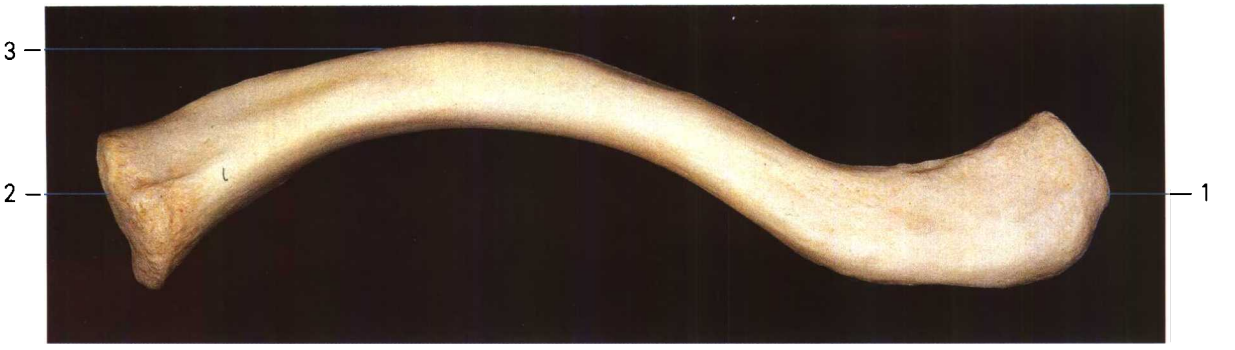
前面观



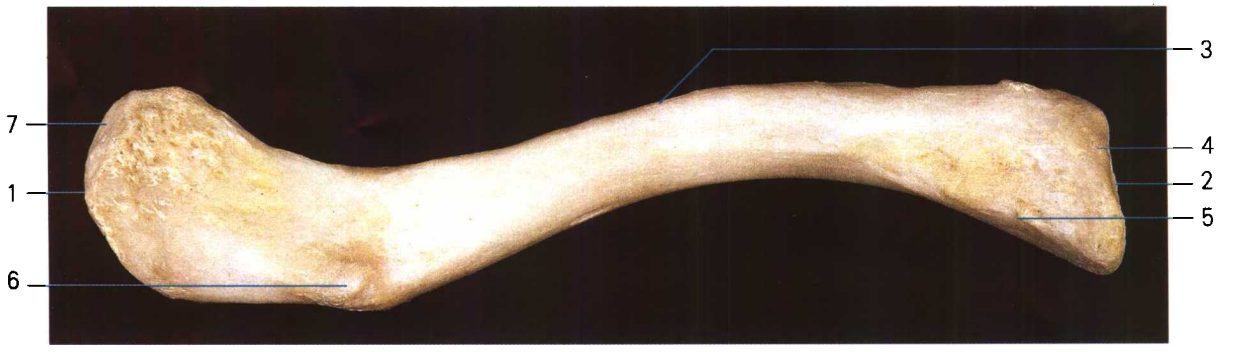
11. 腭大沟 greater palatine sulcus
12. 腭小沟 lesser palatine sulcus
13. 腭突 palatine process
14. 切牙管 incisive canal
15. 鼻前棘 anterior nasal spine
16. 鼻切迹 nasal notch
17. 泪沟 lacrimal groove

内侧面观

图 27 上颌骨(前和内侧面观)
The maxilla bone(anterior and medial aspect)



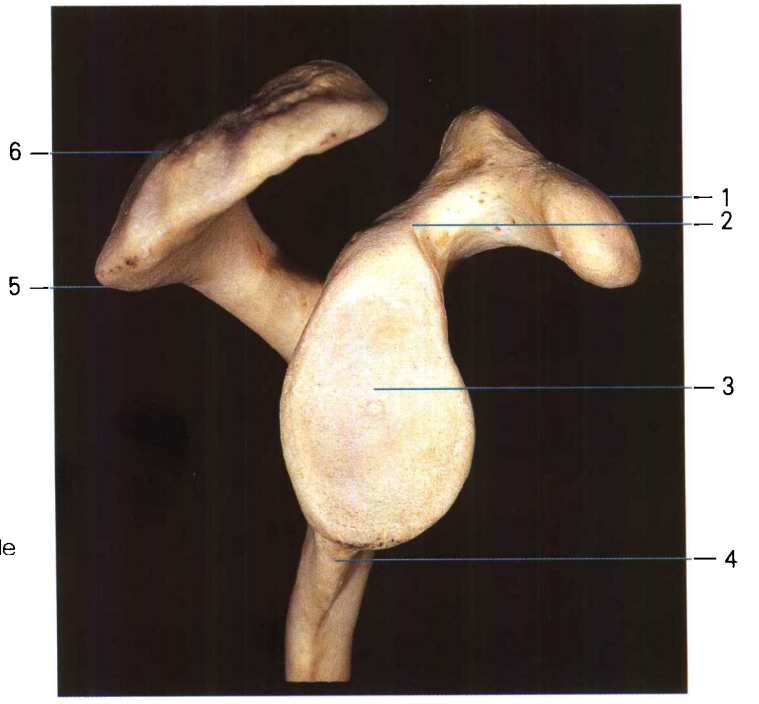
上面观



下面观

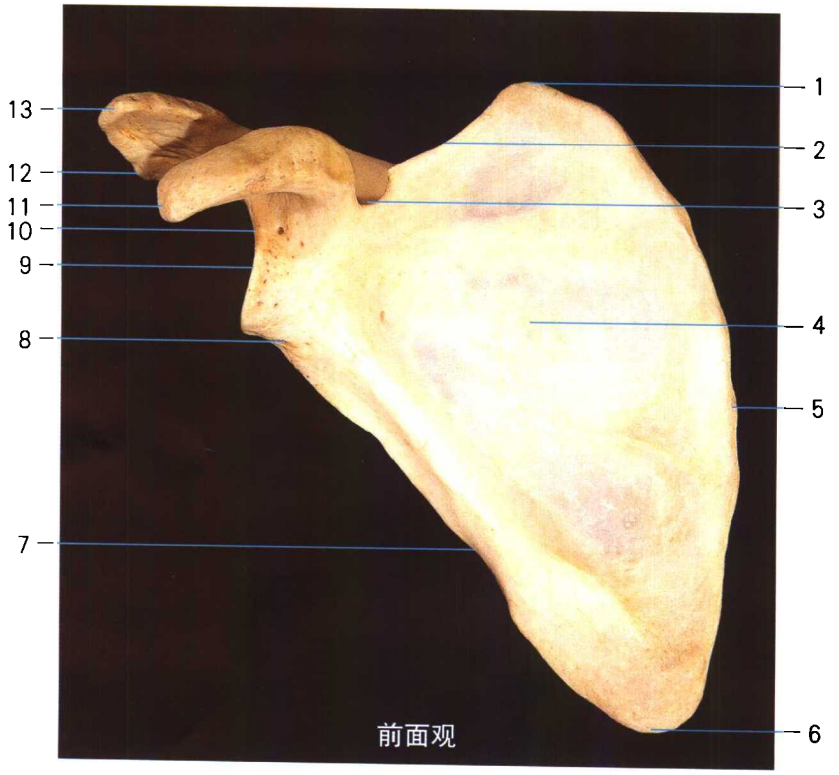
图 28 锁骨(上和下面观)
The clavicle(superior and inferior aspect)

1. 肩峰端 acromial end
2. 胸骨端 sternal end
3. 锁骨体 shaft of clavicle
4. 胸骨关节面 articular surface for sternum
5. 肋锁韧带压迹 impression for costoclavicular lig.
6. 锥状结节 conoid tubercle
7. 肩峰关节面 acromial articular surface



1. 喙突 coracoid process
2. 盂上结节 supraglenoicl tubercle
3. 关节盂 glenoid cavity
4. 盂下结节 infraglenoid tubercle
5. 肩峰角 acromial angle
6. 肩峰 acromion

图 29 肩胛骨(外侧角)
The scapula(lateral angle)



1. 上角 superior angle
2. 上缘 superior border
3. 肩胛切迹 notch of scapula
4. 肩胛下窝 subscapular fossa
5. 内侧缘 medial border
6. 下角 inferior angle
7. 外侧缘 lateral border
8. 盂下结节 infraglenoid tubercle
9. 关节盂 glenoid cavity
10. 盂上结节 supraglenoid tubercle
11. 喙突 coracoid process
12. 肩峰角 acromial angle
13. 肩峰 acromion
14. 肩胛颈 neck of scapula
15. 冈下窝 infraspinous fossa
16. 肩胛冈 spine of scapula
17. 冈上窝 supraspinous fossa

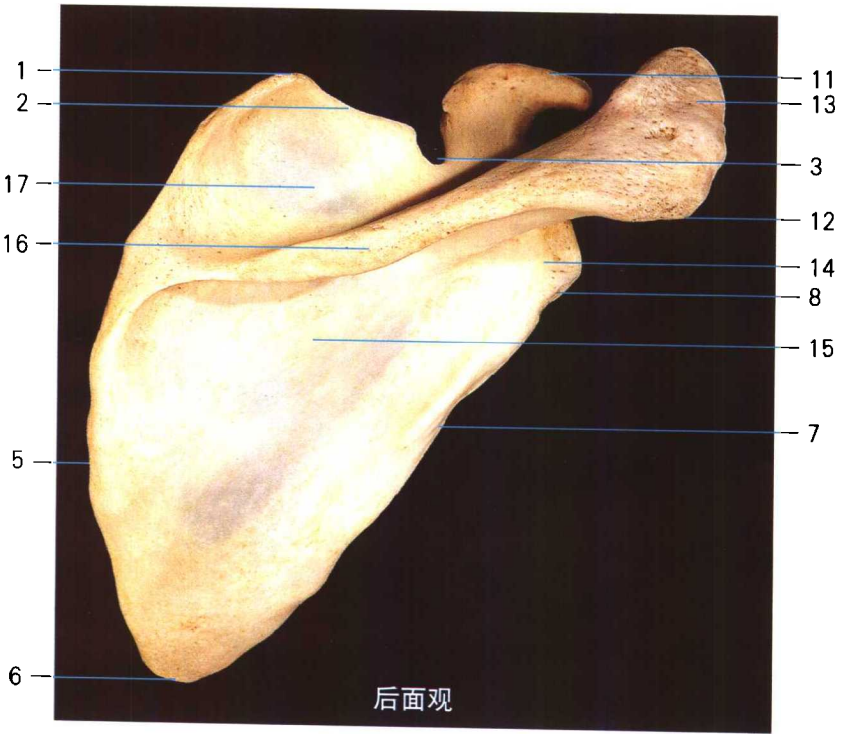


图 30 肩胛骨(前和后面观)
The scapula(anterior and posterior aspect)

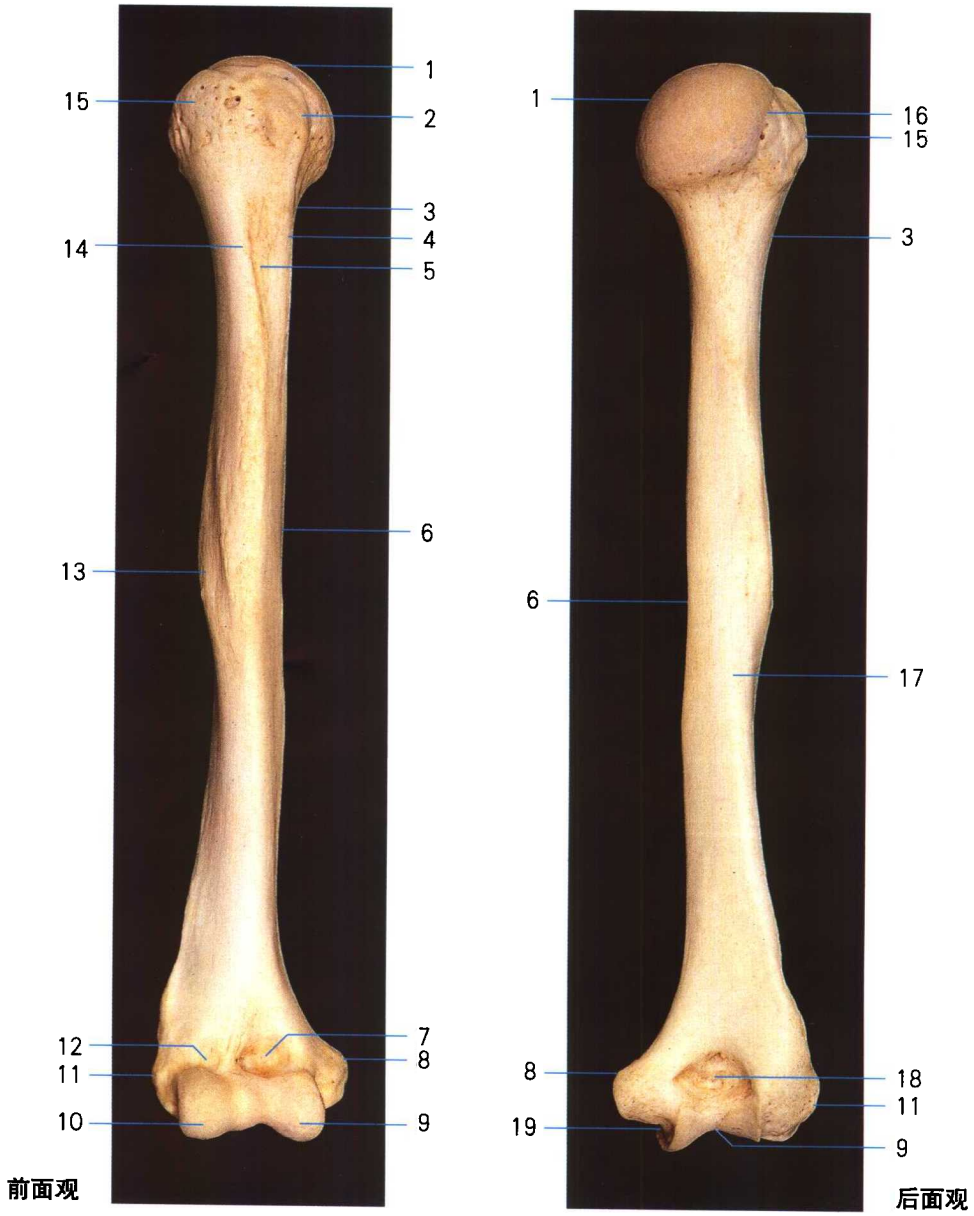
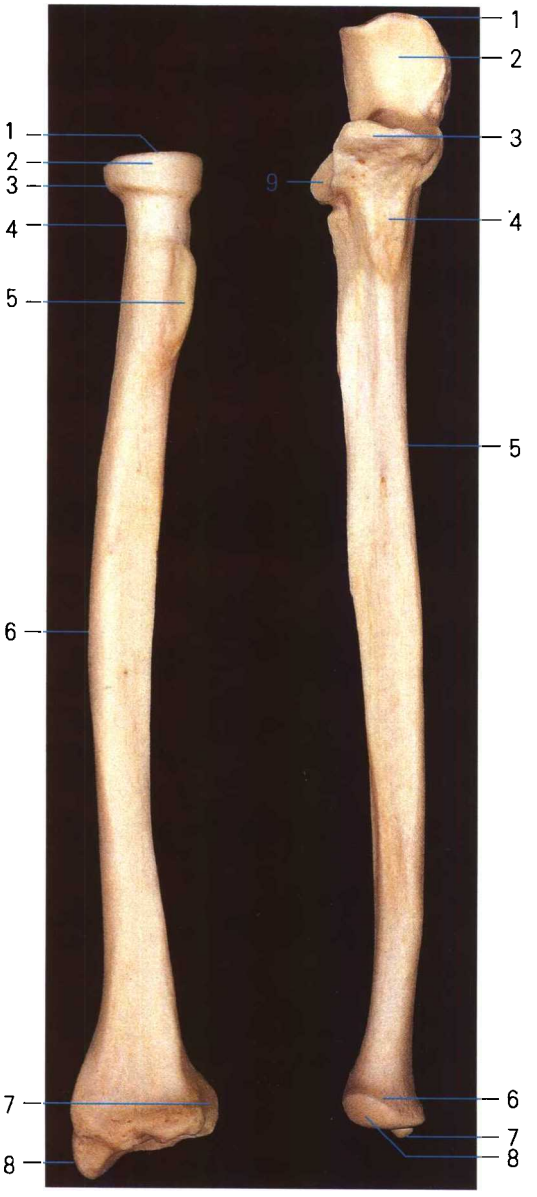


图31 肱骨(前和后面观)
The humerus(anterior and posterior aspect)

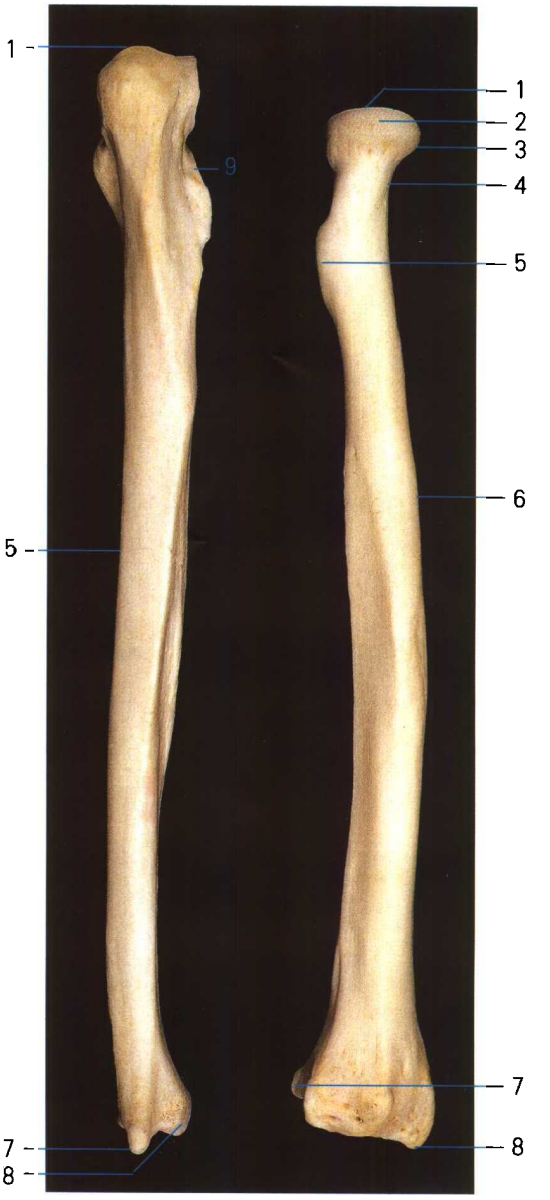
1. 肱骨头 head of humerus
2. 小结节 lesser tubercle
3. 外科颈 Surgical neck
4. 小结节嵴 crest of lesser tubercle
5. 结节间沟 intertubercular sulcus
6. 肱骨体 shuft of hamerus
7. 冠突窝 coronoid fossa
8. 内上髁 medial epicondyle
9. 肱骨滑车 trochlea of humerus
10. 肱骨小头 capitulum of humerus
11. 外上髁 lateral epicondyle
12. 桡窝 radial fossa
13. 三角肌粗隆 deltoid tuberosity
14. 大结节嵴 crest of greater tubercle
15. 大结节 greater tubercle
16. 解剖颈 anatomical neck
17. 桡神经沟 sulcus for radial n.
18. 鹰嘴窝 olecranon fossa
19. 尺神经沟 sulcus for ulnar n.



A. 前面观

图 32　尺骨(A. 右图，B. 左图)
The ulna(A.the right figure,B.the left figure)

1. 鹰嘴　olecranon
2. 滑车切迹　trochlear notch
3. 冠突　coronoid process
4. 尺骨粗隆　ulnar tuberosity
5. 尺骨体　shaft of ulna
6. 尺骨头　head of ulna
7. 茎突　styloid process
8. 环状关节面　artioular circumference
9. 桡切迹　radius notch

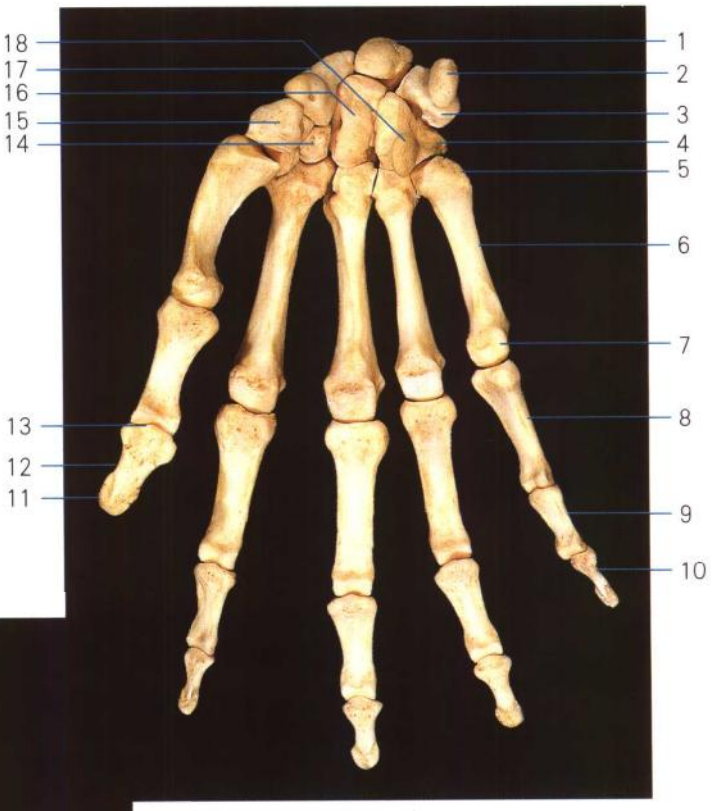


B. 后面观

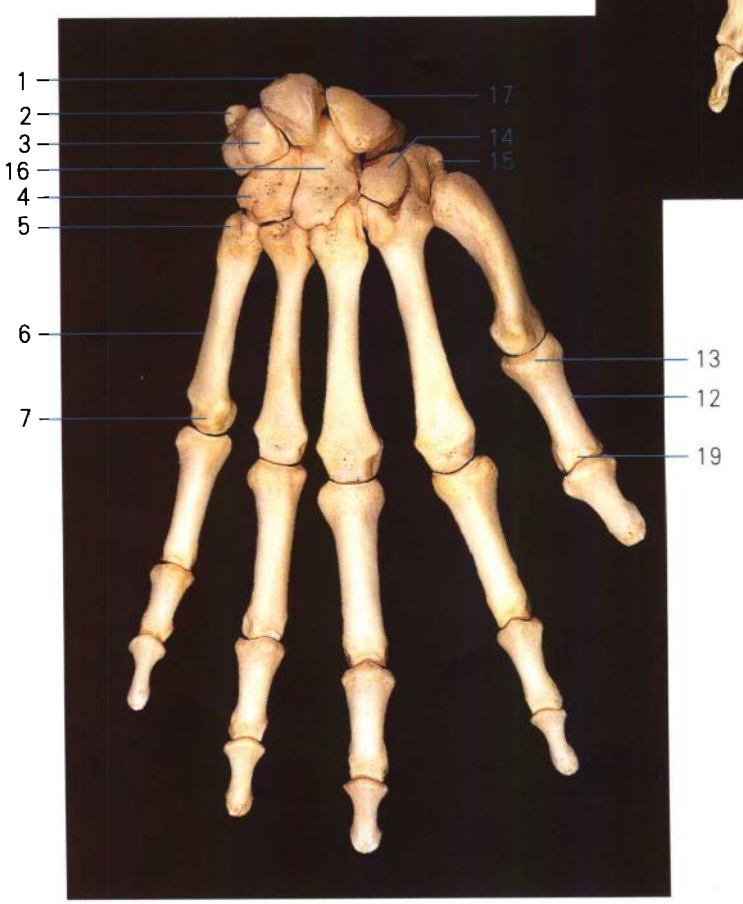
图 33　桡骨(A. 左图，B. 右图)
The radius(A.the left figure,B.the right figure)

1. 关节凹　articular fovea
2. 环状关节面　articular circumference
3. 桡骨头　head of radius
4. 桡骨颈　neck of radius
5. 桡骨粗隆　radius tuberosity
6. 桡骨体　shaft of radias
7. 尺切迹　ulnar notch
8. 茎突　styloid process

1. 月骨 lunate bone
2. 豌豆骨 pisiform bone
3. 三角骨 triquetral bone
4. 钩骨 hamate bone
5. 掌骨底 base of metacarpal bone
6. 掌骨体 shaft of metacarpal bone
7. 掌骨头 head of metacarpal bone
8. 近节指骨 proximal phalanx
9. 中节指骨 middle phalanx
10. 远节指骨 distal phalanx
11. 指骨粗隆 tuberosity of phalanx
12. 指骨体 shaft of phalanx



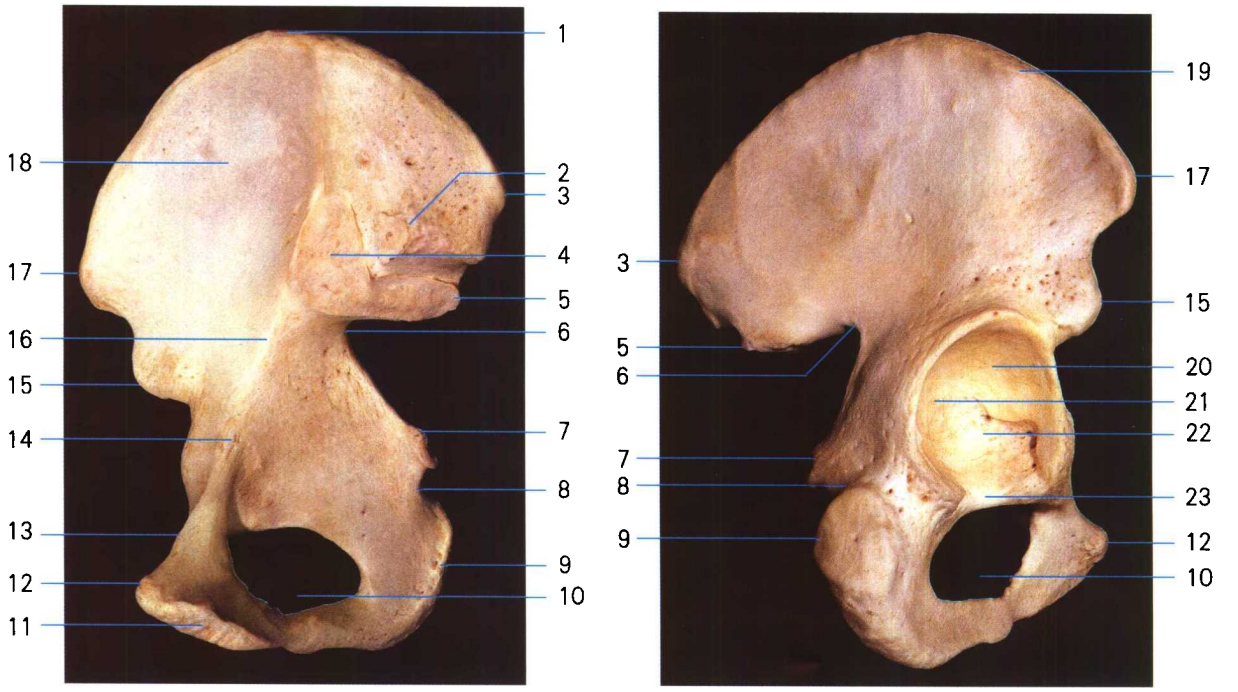
前面观



后面观

13. 指骨底 base of phalanx
14. 小多角骨 trapezoid bone
15. 大多角骨 trapezium bone
16. 头状骨 capitate bone
17. 手舟骨 scaphoid bone
18. 钩骨钩 hamulus of hamate bone
19. 指骨滑车 trochlea of phalanx

图34 手骨(前和后面观)
The bones of the hand(anterior and posterior aspect)



内面观　　外面观

图 35　髋骨(内和外面观)
The hip bone(internal and external aspect)

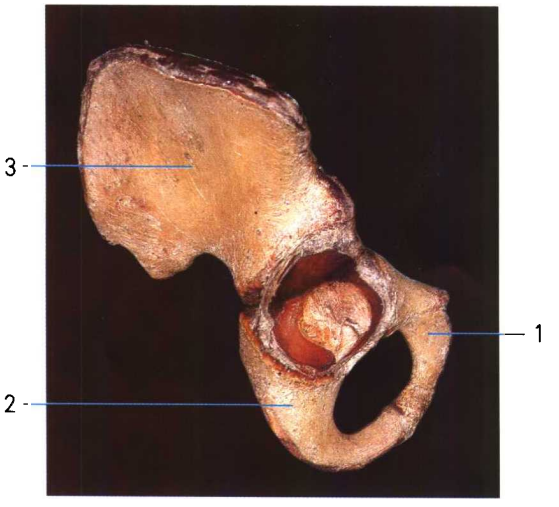


图 36　婴儿髋骨(外面观)
The hip bone of the infant(external aspect)

1. 耻骨　pubis
2. 坐骨　ischium
3. 髂骨　ilium

1. 髂嵴　iliac crest
2. 髂粗隆　iliac trberosity
3. 髂后上棘　posterior superior iliac spine
4. 耳状面　auricular surface
5. 髂右下棘　posterior inferior iliac spine
6. 坐骨大切迹　greater sciatic notch
7. 坐骨棘　ischial spine
8. 坐骨小切迹　lesser sciatic notch
9. 坐骨结节　ischial tuberosity
10. 闭孔　obturator foramen
11. 耻骨联合面　symphysial surface
12. 耻骨结节　pubic tubercle
13. 耻骨梳　pecten of pubis
14. 髂耻隆起　iliopubic eminence
15. 髂前下棘　anterior inferior iliac spine
16. 弓状线　arcuate line
17. 髂前上棘　anterior superior iliac spine
18. 髂窝　iliac fossa
19. 髂结节　iliac tubercle
20. 髋臼　acetabulum
21. 月状面　lunate surface
22. 髋臼窝　acetabular fossa
23. 髋臼切迹　acetabular notch

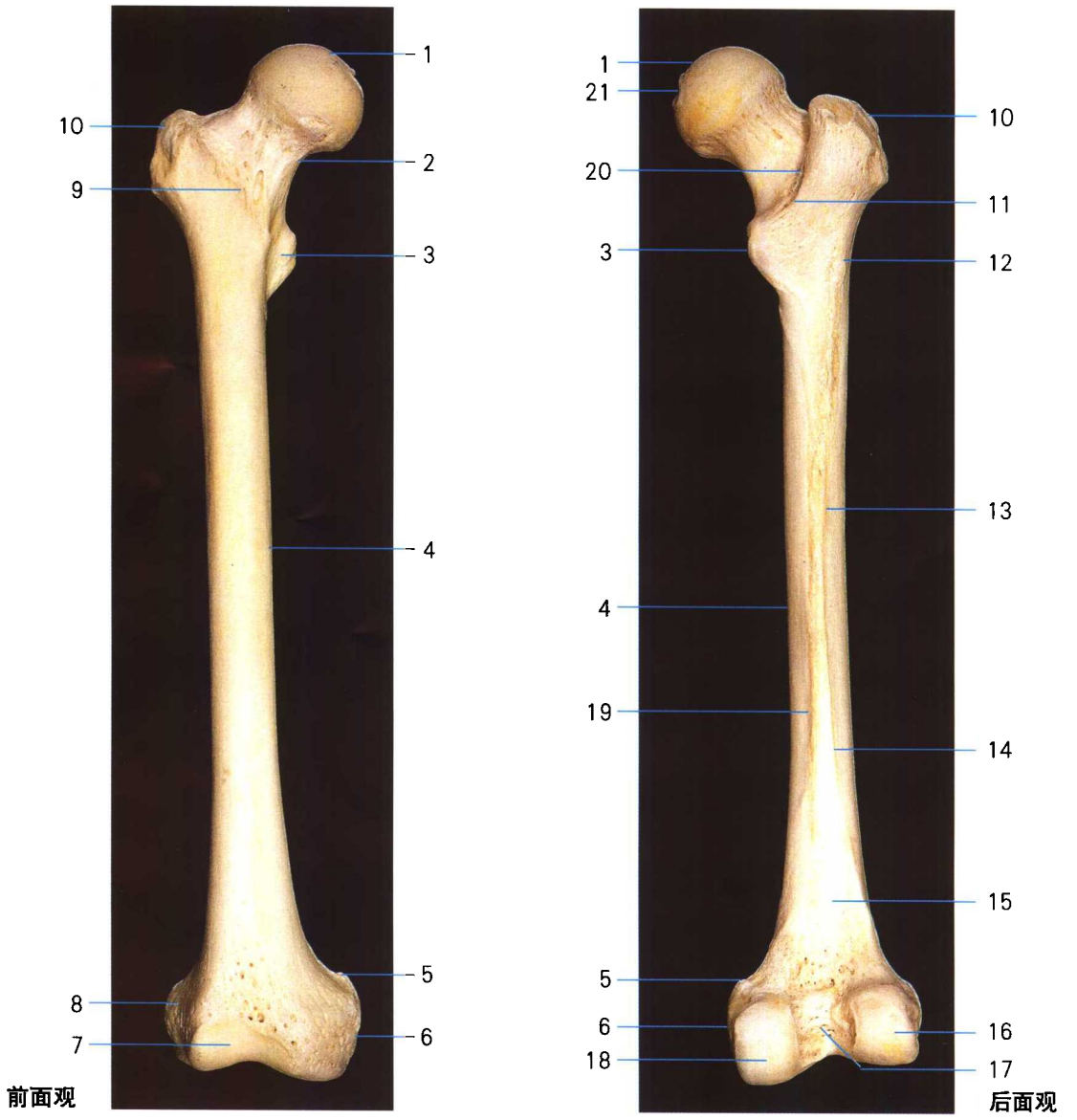
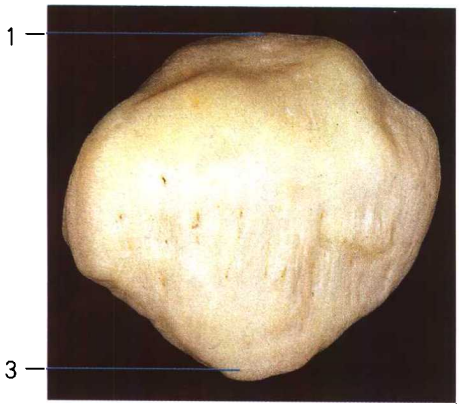
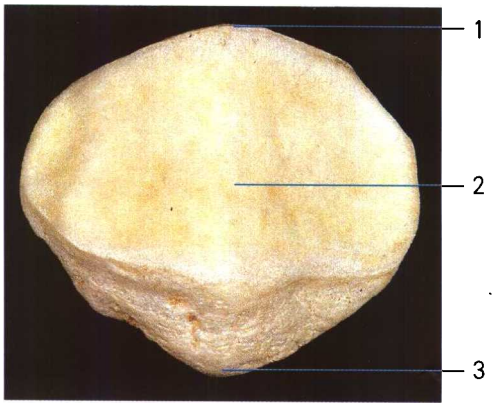


图37 股骨(前和后面观)
The femur(anterior and posterior aspect)

1. 股骨头 head of femer
2. 股骨颈 neck of femur
3. 小转子 lesser trochanter
4. 股骨体 shaft of femur
5. 收股结节 adductor tubercle
6. 内上髁 medial epicondyle
7. 髌面 patellar surface
8. 外上髁 lateral epicondyle
9. 转子间线 intertrochanteric line
10. 大转子 greater trochanter
11. 转子间嵴 intertrochanteric crest
12. 臀肌粗隆 gluteral trberosity
13. 粗线 linea aspera
14. 外侧唇 external lip
15. 腘面 popliteal surface
16. 外侧髁 lateral condyle
17. 髁间窝 intercondylar fossa
18. 内侧髁 medial condyle
19. 内侧唇 internal lip
20. 转子窝 trochanteric fossa
21. 股骨头凹 fovea of femoral head



前面观



后面观

1. 髌底 base of patella
2. 关节面 articular surface
3. 髌尖 apex of patella

图 38 髌骨(前和后面观)
The patella(anterior and posterior aspect)

胫骨(A. 右图，B. 左图)
The tibia(A.the right figure,B.the left figure)

1. 内侧髁 medial condyle
2. 胫骨粗隆 tuberosity of tibia
3. 胫骨体 shaft of tibia
4. 内踝 medial malleolus
5. 内踝关节面 medial malleolar articular surface
6. 下关节面 inferior articular surface
7. 上关节面 superior articular surface
8. 外侧髁 lateral condyle
9. 腓关节面 fibular articular facet
10. 腓切迹 fibular notch
11. 比目鱼肌线 soleal line
12. 髁间隆起 intercondylar eminence

腓骨(A. 左图，B. 右图)
The fibula(A.the left figure,B.the right figure)

1. 腓骨头尖 apex of fibular head
2. 腓骨头 head of fibula
3. 腓骨颈 neck of fibula
4. 腓骨体 shaft of fibula
5. 外踝 lateral malleolus
6. 外踝窝 lateral malleolar fossa



图 39 胫骨与腓骨(前和后面观)
The tibia and fibula(anterior and posterior aspect)

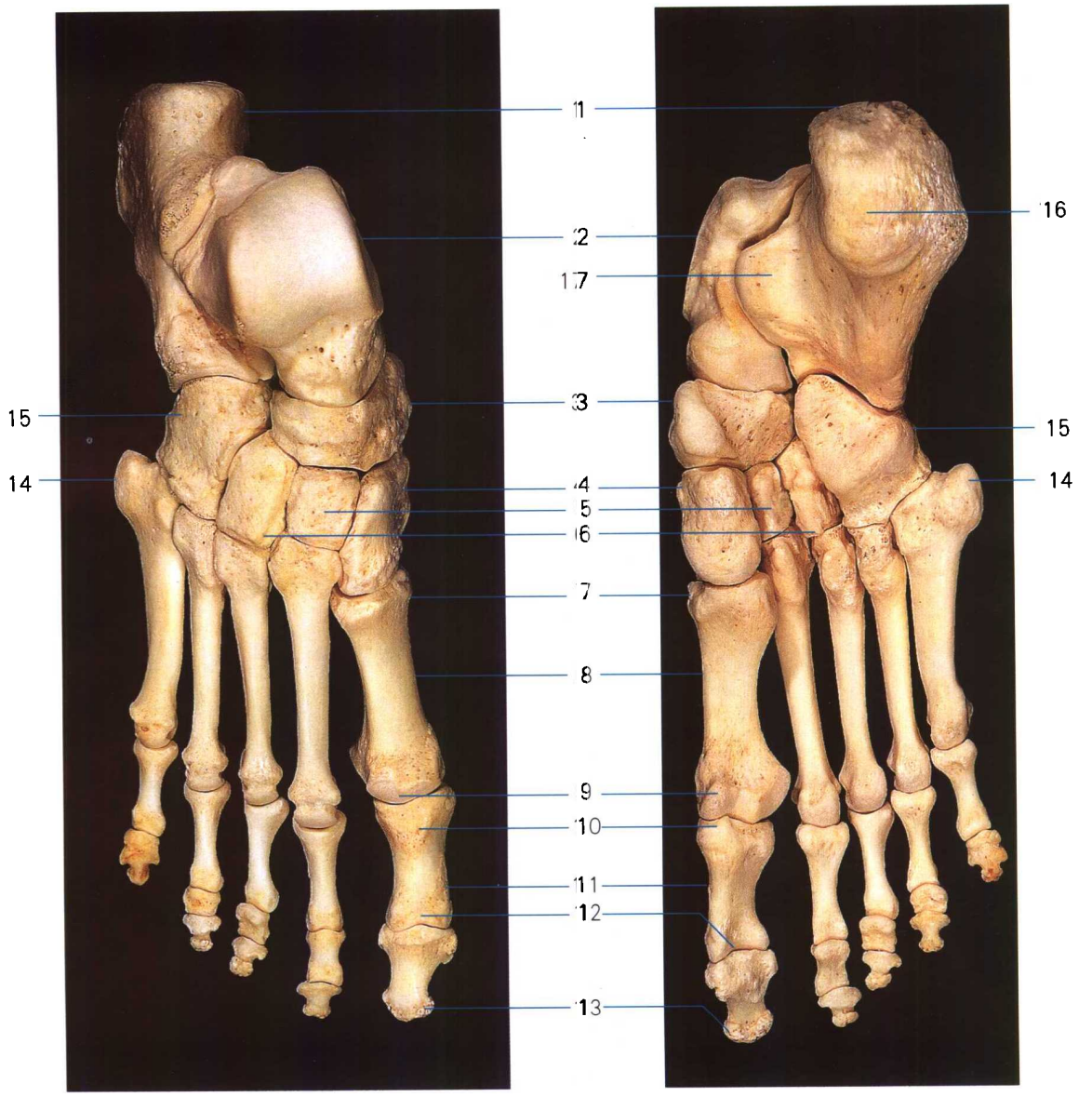
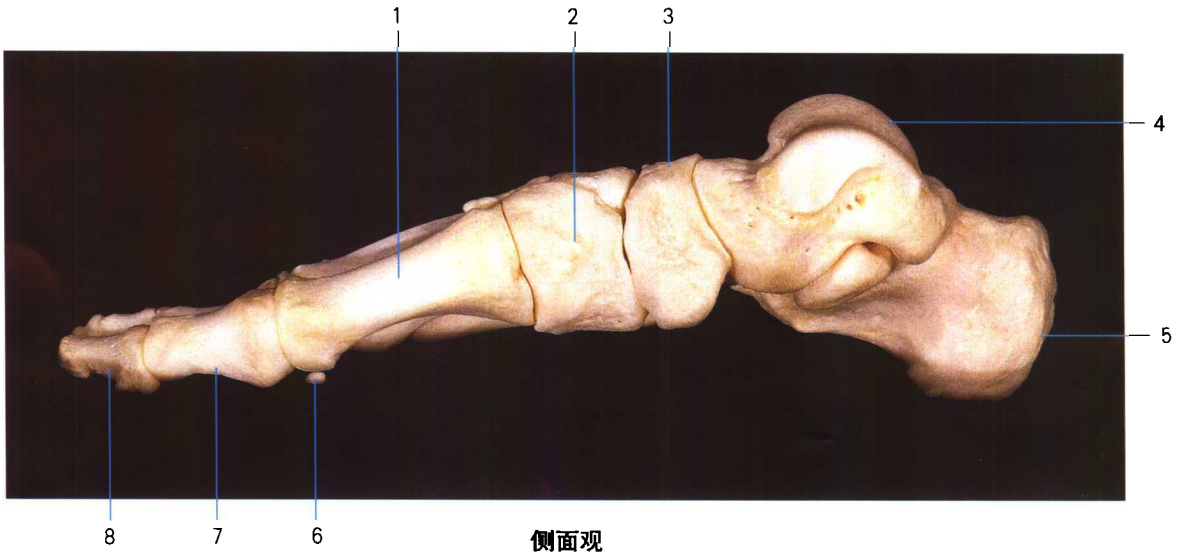


图 40 足骨(上和下面观)

The bones of the foot(superior and inferior aspect)

1. 跟骨 calcaneus
2. 距骨 talus
3. 足舟骨 navicular bone
4. 内侧楔骨 medial cuneiform bone
5. 中间楔骨 intermediate cuneiform bone
6. 外侧楔骨 lateral caneiform bone
7. 跖骨底 base of metatarsal bone
8. 跖骨体 shaft of metatarsal bone
9. 跖骨头 head of metatrsal bone
10. 趾骨底 base of phalanx
11. 趾骨体 shaft of phalanx
12. 趾骨滑车 trochlea of phalanx
13. 趾骨粗隆 tuberosity of phalanx
14. 第五跖骨粗隆 tuberosity of 5th metatarsal bone
15. 骰骨 cuboid bone
16. 跟骨结节 calcaneal tuberosity
17. 载距突 sustentaculum tale



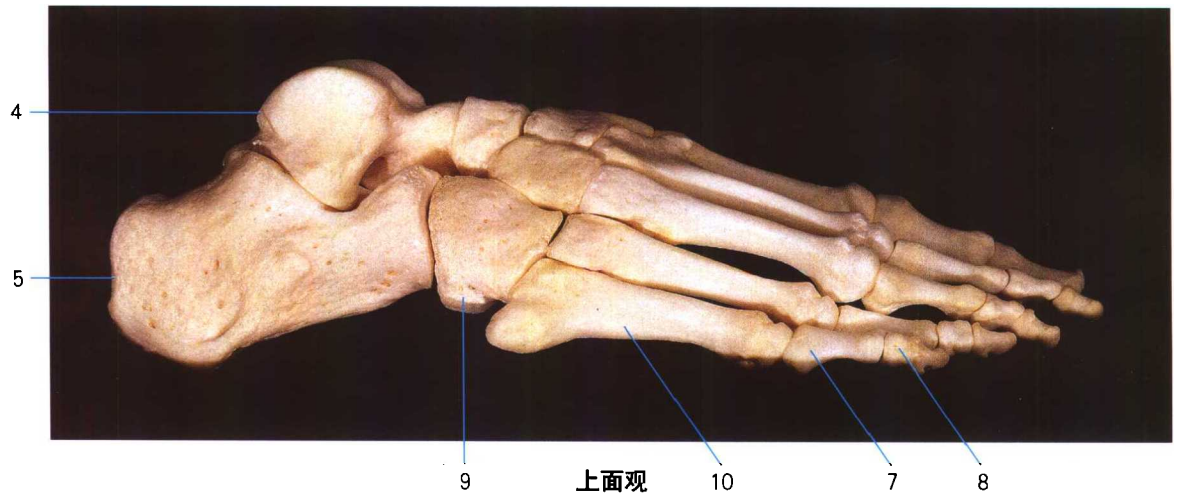


图 41　足纵弓(侧面及上面观)
The logitudinal arches of foot(lateral and superior aspect)

1. 第一跖骨　1st metatarsal bone
2. 内侧楔骨　medial cuneiform bone
3. 足舟骨　navicular bone
4. 距骨　talus
5. 跟骨　calcaneus
6. 籽骨　sesamoid bone
7. 近节趾骨　proximal phalanx
8. 远节趾骨　distal phalanx
9. 骰骨　cuboid bone
10. 第五跖骨　5th metatarsal bone

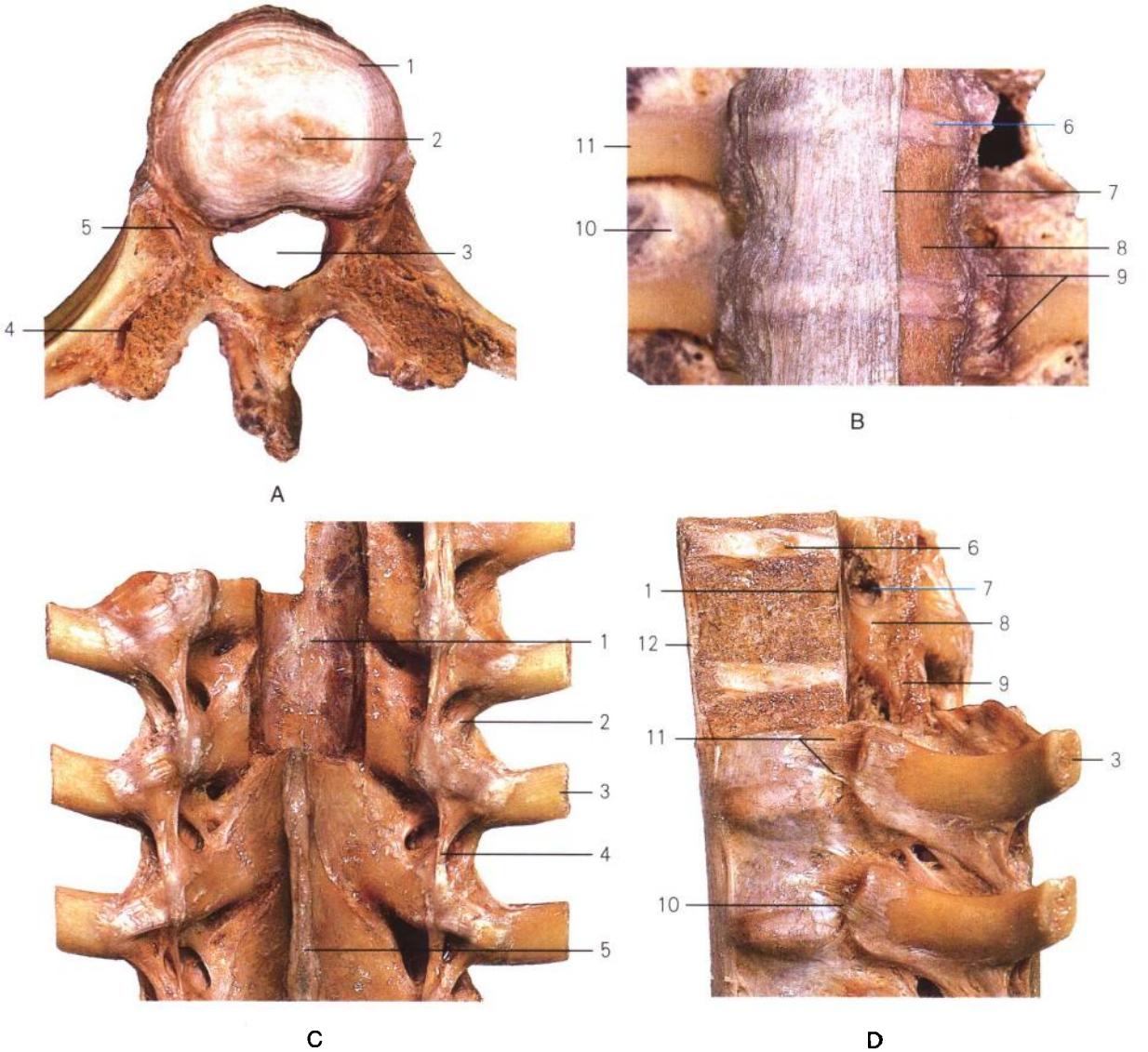


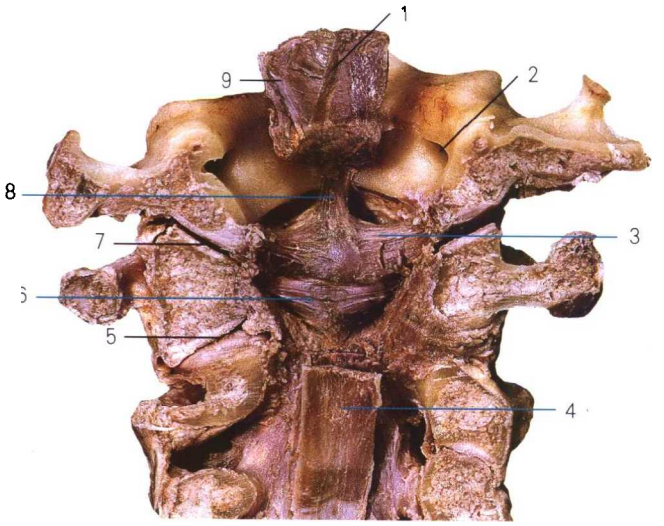
图42 椎骨间连结(A、B、C、D)
Intervertebral joints(A,B,C,D)

图A、B

1. 纤维环 anulus fibrosus
2. 髓核 nucleus pulposus
3. 椎孔 vertebral foramen
4. 肋横突关节 costotransverse joint
5. 肋头关节 joint of costal head
6. 椎间盘 intervertebral disc
7. 前纵韧带 anterior longitrdinal lig.
8. 椎体 vertebral body
9. 肋头辐状韧带 radiate lig.of costal head
10. 肋横突上韧带 superior costotransverse lig.
11. 肋骨 costal bone

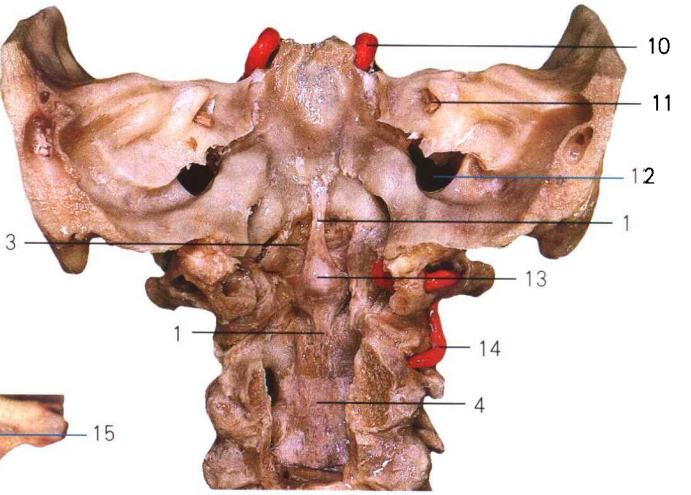
图C、D

1. 后纵韧带 posterior longitudinal lig.
2. 肋横突上韧带 superior costotransverse lig.
3. 肋骨 costal bone
4. 横突间韧带 intertansverse lig.
5. 棘上韧带 supraspinal lig.
6. 椎间盘 intervertebral disc
7. 椎间孔 intervertebral foramen
8. 椎弓板 lamina of vertebral arch
9. 黄韧带 ligamenta flava
10. 肋头关节 joint of costal head
11. 肋头辐状韧带 radiate lig.of costal head
12. 前纵韧带 anterior longitrdinal lig.

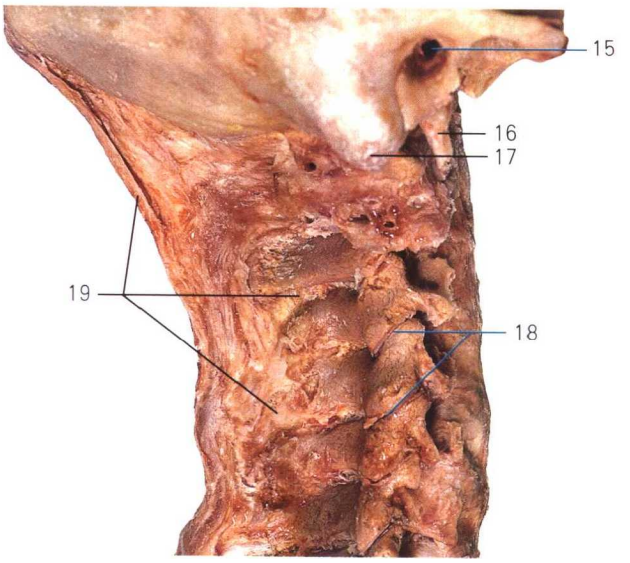


A

1. 纵束 longitudinal bands
2. 舌下神经管 hypoglossal canal
3. 翼状韧带 alar lig.of dens
4. 后纵韧带 posterior longitudinal lig.
5. 寰枢外侧关节 lateral atlantoaxial joint
6. 寰椎横韧带 transverse lig.of atlas
7. 寰枕关节 atlantooccipital joint
8. 齿突尖韧带 apical lig.of dens
9. 覆膜 tectorial membrane
10. 颈内动脉 internal caroticd a.



B



C

11. 内耳门 internal acoustic pore
12. 颈静脉孔 jugular foramen
13. 寰椎十字韧带 cruciform lig.of atlas
14. 椎动脉 vertebral a.
15. 外耳门 external acoustic pore
16. 茎突 styloid process
17. 乳突 mastoid process
18. 关节突关节 zygapophysial joints
19. 项韧带 ligamentum nuchae

图 43 颅骨与椎骨连结 (A、B、C)
The joints of the skull and vertebra(A,B,C)

1. 关节盘 articular disc
2. 第一胸肋结合 sternocostal synchondrosis of first rib
3. 胸肋关节 sternocostal joints
4. 肋软骨 costochondral joints
5. 剑突 xiphoid process
6. 软骨间关节 interchondral joints
7. 胸骨下角 infrasternal angle
8. 肋弓 costal arch
9. 肋间隙 intercostal space
10. 胸肋辐状韧带 radiate sternocostal lig.
11. 胸骨角 sternal angle
12. 胸锁关节 sternoclavicular joint

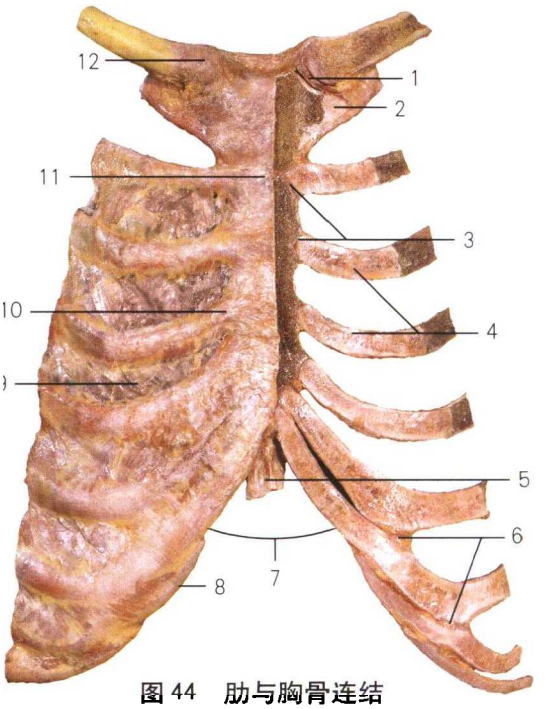
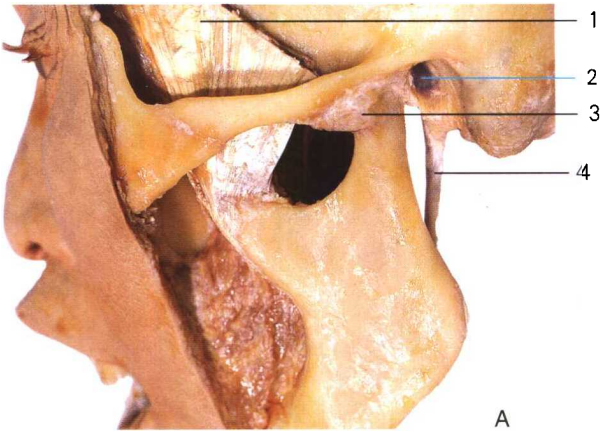
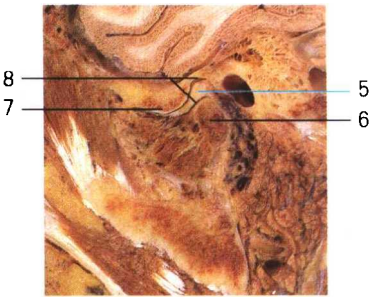
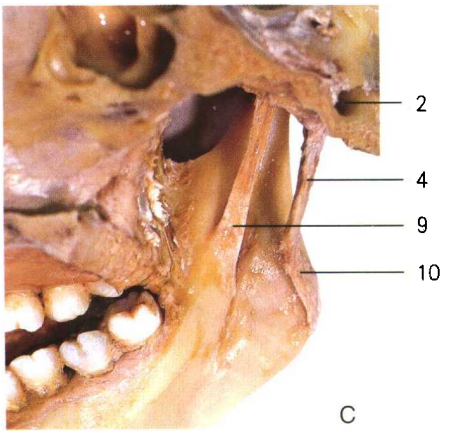


图 44 肋与胸骨连结
The joints of ribs and the sternum

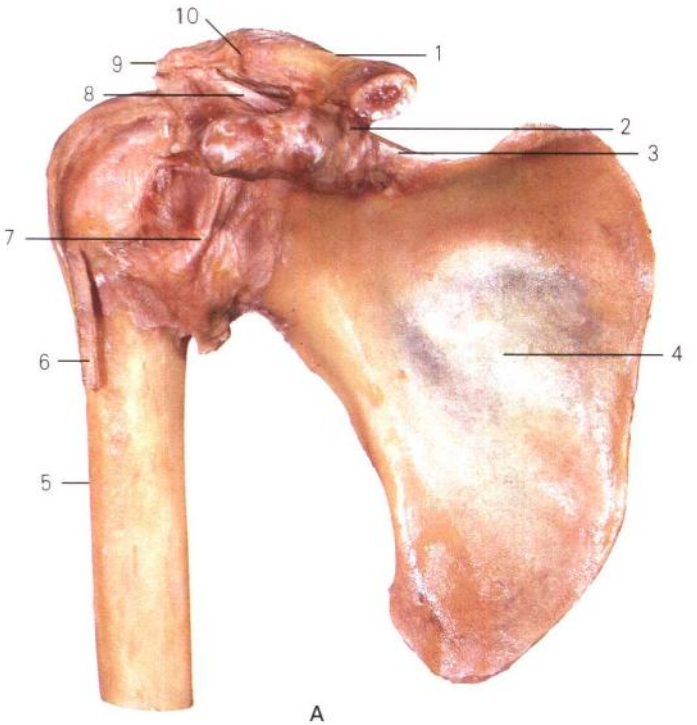


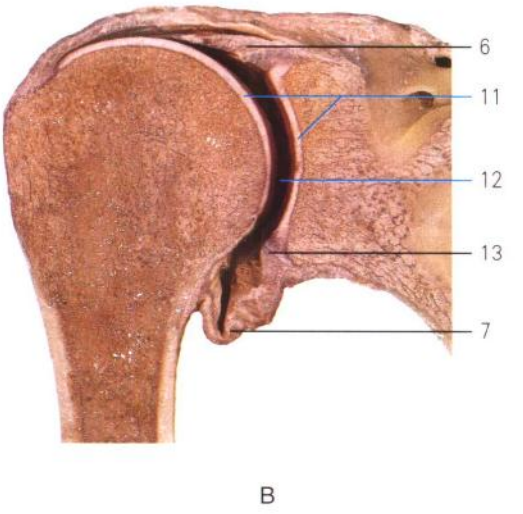


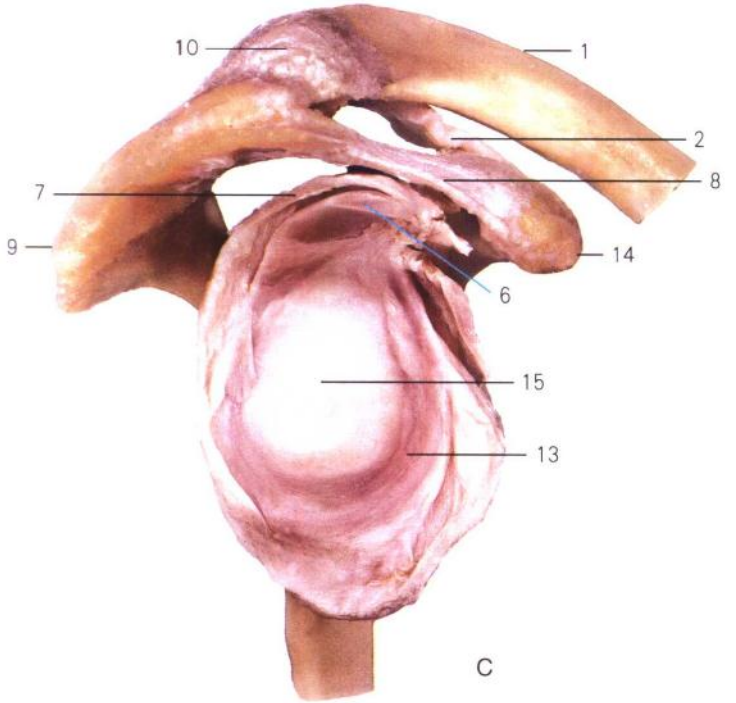


A. 外面观 Lateral aspect
1. 颞肌 temporalis
2. 外耳道 external acoustic meatus
3. 关节囊 articular capsule
4. 茎突 styloid process
B. 矢状剖面 Sagittal section
5. 关节盘 articular disc
6. 髁突 condylar process
7. 关节结节 articular tubercle
8. 关节腔 articular cavity
C. 内面观 medial aspect
9. 蝶下颌韧带 sphenomandibular lig.
10. 茎突下颌韧带 tylomandibular lig.

图 45 颞下颌关节 (A、B、C)
The temporomandibular joint(A,B,C)

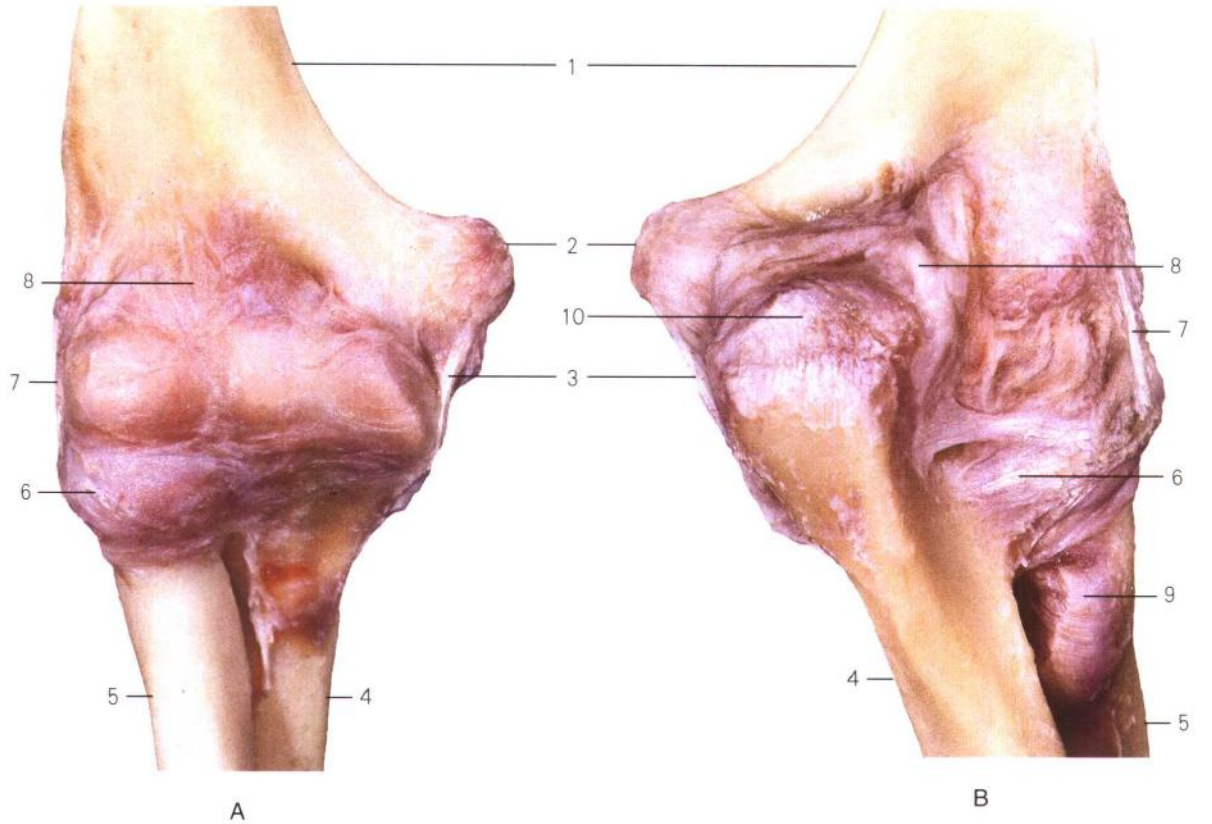


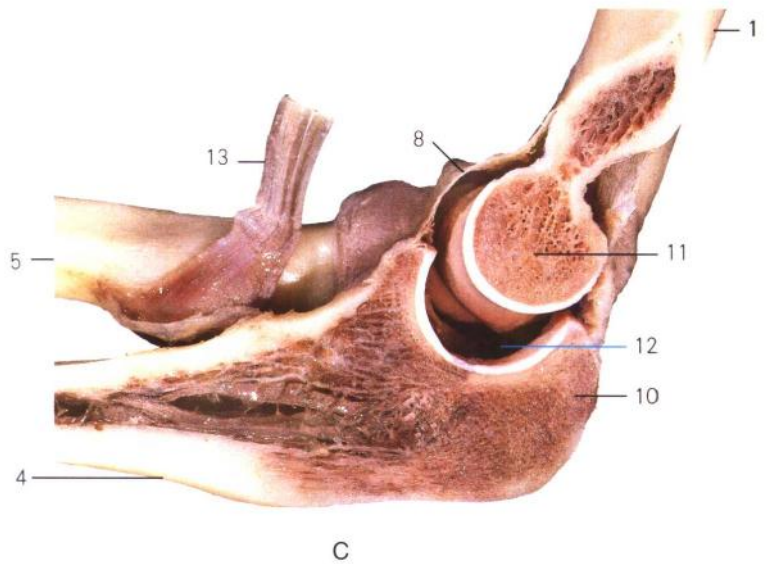




A. 前面观 Anterior aspect
1. 锁骨 clavicle
2. 喙锁韧带 coracoclavicular lig.
3. 肩胛上横韧带 superior transverse scapular lig.
4. 肩胛骨 scapula
5. 肱骨 humrus
6. 肱二头肌长头腱 long head tendon of biceps brachii
7. 关节囊 articular capsule
8. 喙肩韧带 coracoacromial lig.
9. 肩峰 acromion
10. 肩锁关节 acromioclavicular joint
B. 剖面观 Section
11. 关节软骨 articular cartilage
12. 关节腔 articualar cavity
13. 盂唇 glenoid labrum
C. 内面观 medial aspect
14. 喙突 coracoid process
15. 关节盂 glenoid cavity

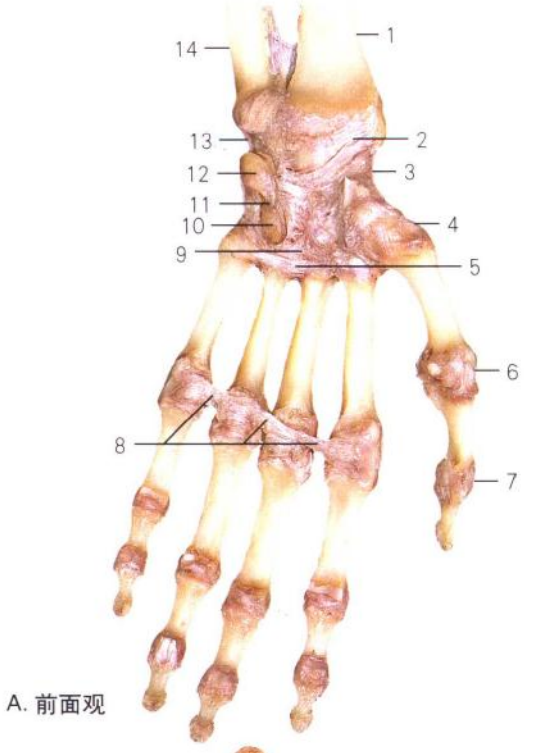
图 46 肩关节 (A、B、C)
The shoulder joint(A,B,C)



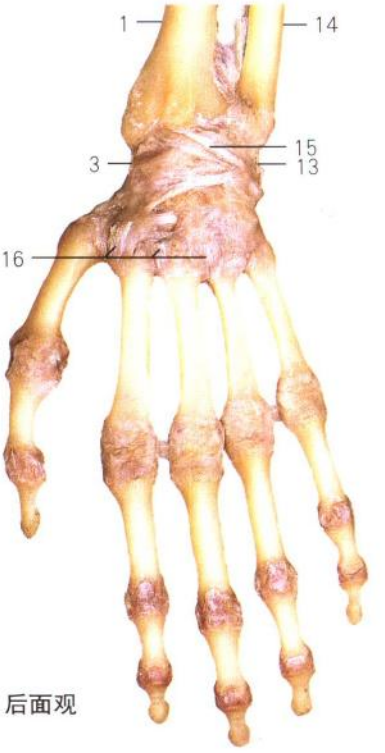


A. 前面观 Anterior aspect
1. 肱骨 humerus
2. 内上髁 medial epicondyle
3. 尺侧副韧带 ulnar collateral lig.
4. 尺骨 ulna
5. 桡骨 radius
6. 桡骨环状韧带 annular lig.of radius
7. 桡侧副韧带 radial collateral lig.
8. 关节囊 articular capsule
B. 后面观 Posterior aspect
9. 桡骨粗隆 radial taberosity
10. 鹰嘴 olecranon
C. 剖面观 Section
11. 肱骨滑车 trochlea of humerus
12. 关节腔 articular cavity
13. 肱二头肌腱 bicepital tendon

图47 肘关节(A、B、C)
The elbow joint(A,B,C)



A. 前面观



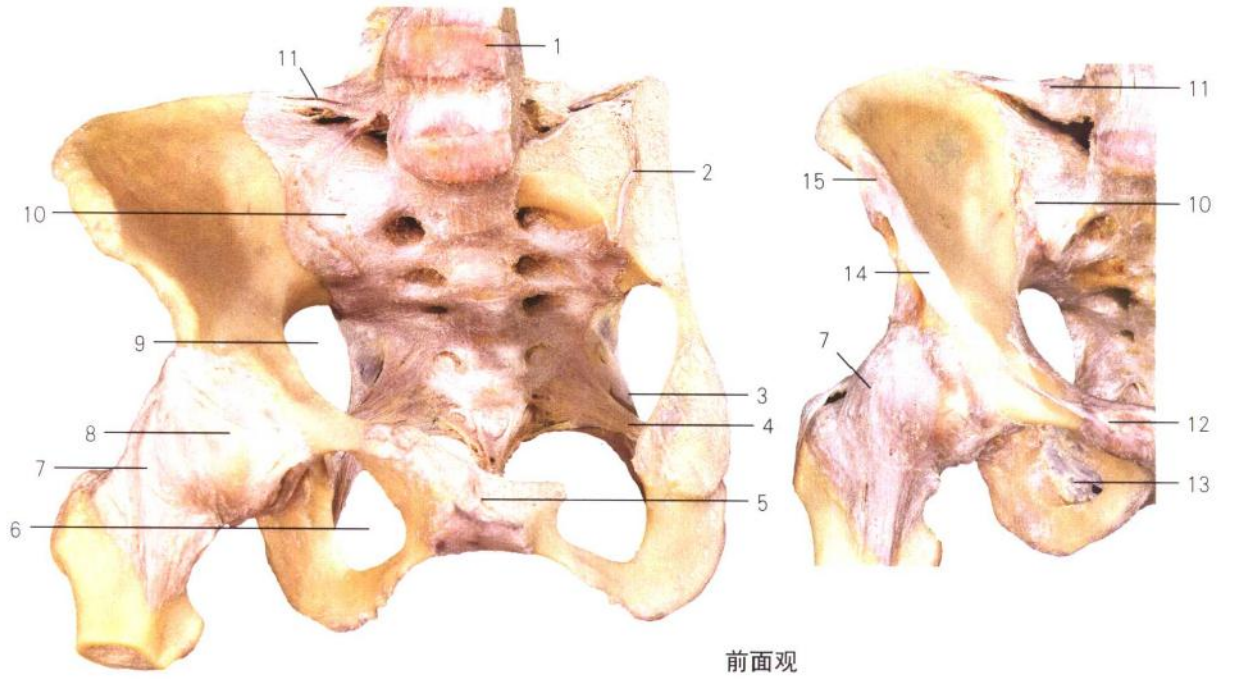
B. 后面观



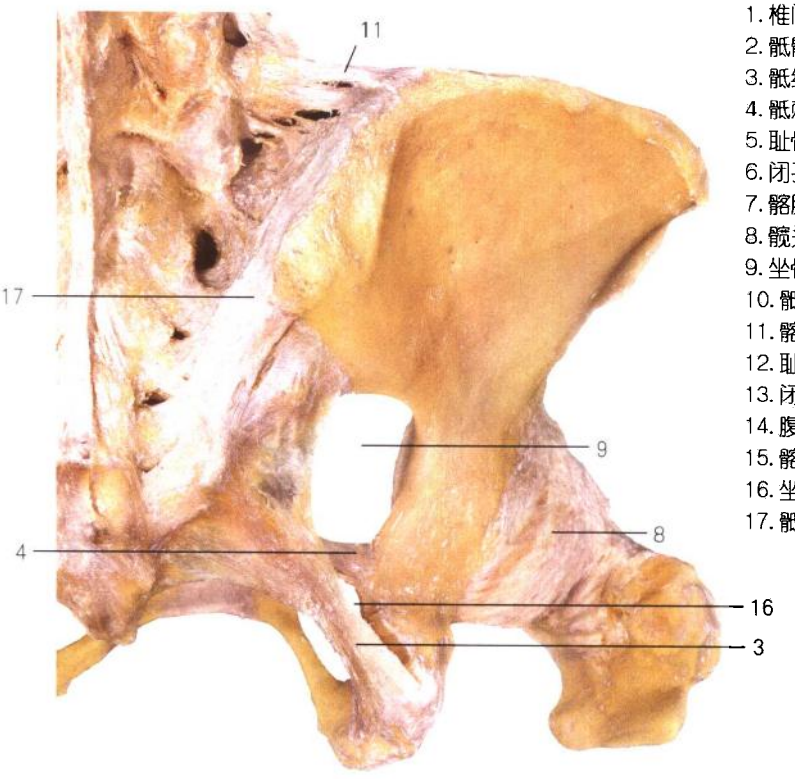
C. 剖面观

图 48　手骨连结 (A、B、C)
The joints of the hand(A,B,C)

A. 前面观　Anterior aspect
1. 桡骨　radius
2. 桡腕掌侧韧带　palmar radiocarpal lig.
3. 腕桡侧副韧带　collateral carporadial lig.
4. 拇指腕掌关节　carpometacarpal joint of thumb
5. 掌骨间韧带　interosseous metacarpal lig.
6. 第一掌指关节　first metacarpophalangeal joint
7. 指间关节　interphalangeal joint of hand
8. 掌骨深横韧带　deep transverse metacarpal lig.
9. 腕掌掌侧韧带　palmar carpometacarpal lig.
10. 钩骨钩　hamulus of hamate bone
11. 豆钩韧带　pisohamate lig.
12. 豌豆骨　pisiform bone
13. 腕尺侧副韧带　carpoulnar collateral lig.
14. 尺骨　ulna
B. 后面观　Posterior aspect
15. 桡腕背侧韧　dorsal radiocarpal lig.
16. 腕掌背侧韧带　dorsal carpometacarpal lig.
C. 剖面观　Section
17. 指间关节腔　interphalangeal joint cavity
18. 掌指关节腔　metacarpophalangeal joint cavity
19. 腕掌关节腔　carpometacarpal joint cavity
20　腕骨间关节腔　intercarpal joint cavity
21. 关节盘　articular disc
22. 桡尺远侧关节腔　distal radioulnar joint cavity
23. 桡腕关节腔　radiocarpal joint cavity
24. 拇指腕掌关节腔　carpometacarpal joint cavity of thumb



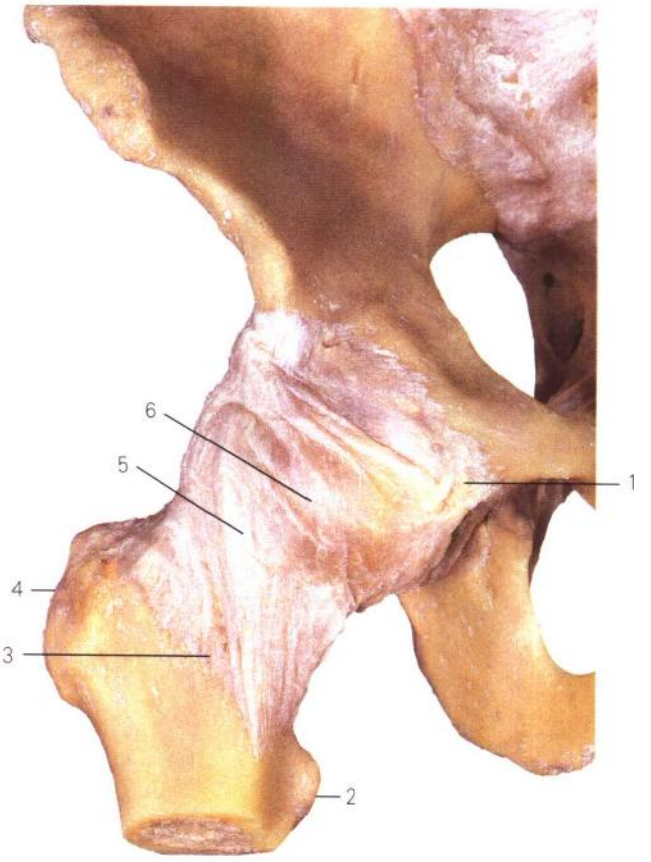
前面观



后面观

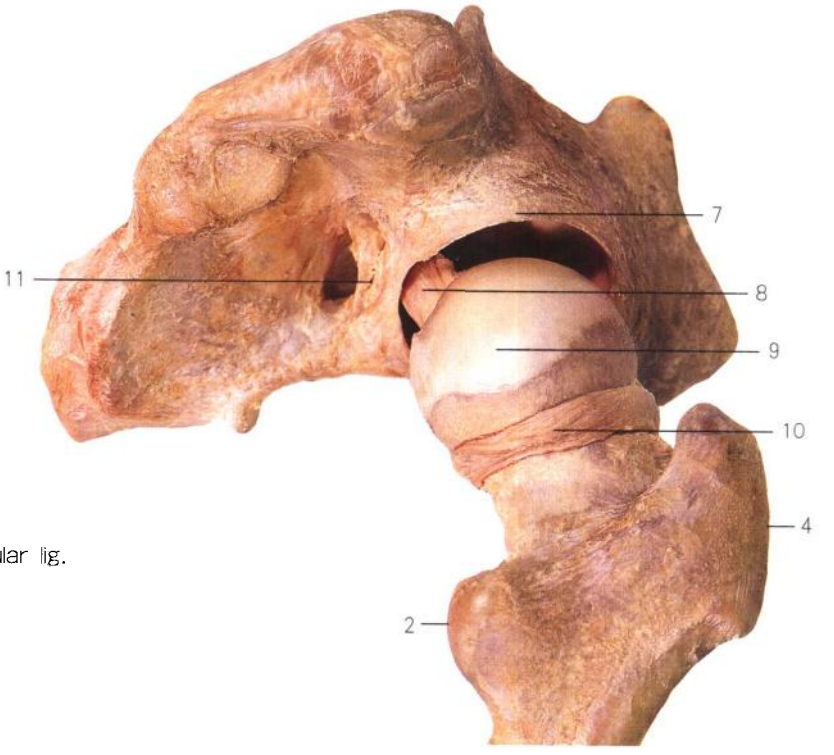
1. 椎间盘 intervertebral discs
2. 骶髂关节 sacroiliac joint
3. 骶结韧带 sacrotuberous lig.
4. 骶棘韧带 sacrospinous lig.
5. 耻骨联合腔 pubic symphysis cavity
6. 闭孔 obturator foramen
7. 髂股韧带 iliofemoral lig.
8. 髋关节囊 hip articular capsule
9. 坐骨大孔 greater sciatic foramen
10. 骶髂腹侧韧带 ventral sacroiliac lig.
11. 髂腰韧带 iliolumbar lig.
12. 耻骨结节 pubic tubercle
13. 闭孔膜 obturator membrane
14. 腹股沟韧带 inguinal lig.
15. 髂前上棘 anterior superior iliac spine
16. 坐骨小孔 lesser sciatic foramen
17. 骶髂背侧韧带 dorsal sacroiliac lig.

图 49 骨盆的连结(前和后面观)
The joints of the pelvis(anterior and posterior aspect)



A

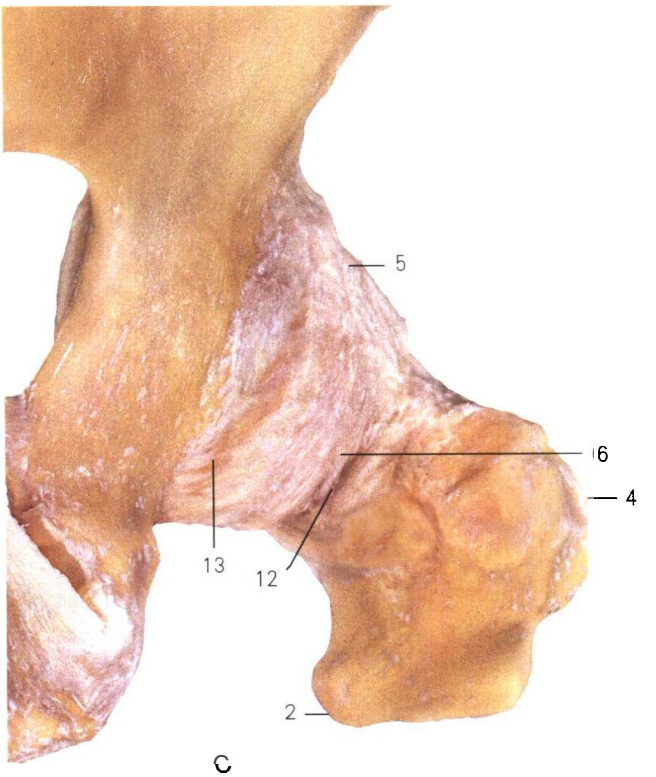
A. 前面观 Anterior aspect
1. 耻骨韧带 pubofemoral lig.
2. 小转子 lesser trochanter
3. 转子间线 intertrochanteric line
4. 大转子 greater trochanter
5. 髂股韧带 iliofemoral lig.
6. 关节囊 articular capsule



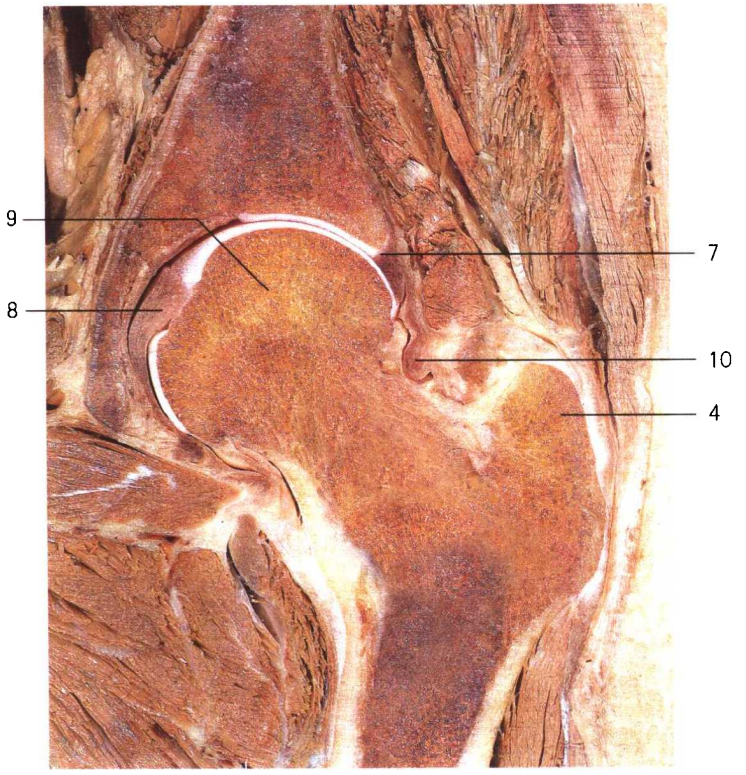
B

B. 切开 Incision
7. 髋臼唇 acetabular labrum
8. 股骨头韧带 lig.of head of femur
9. 股骨头 femur head
10. 轮匝带 zona orbicularis
11. 髋臼横韧带 transverse acetabular lig.

C. 后面观 Posterior aspect
12. 股骨颈 neck of femur
13. 坐股韧带 ischiofemoral lig.
D. 剖面 section

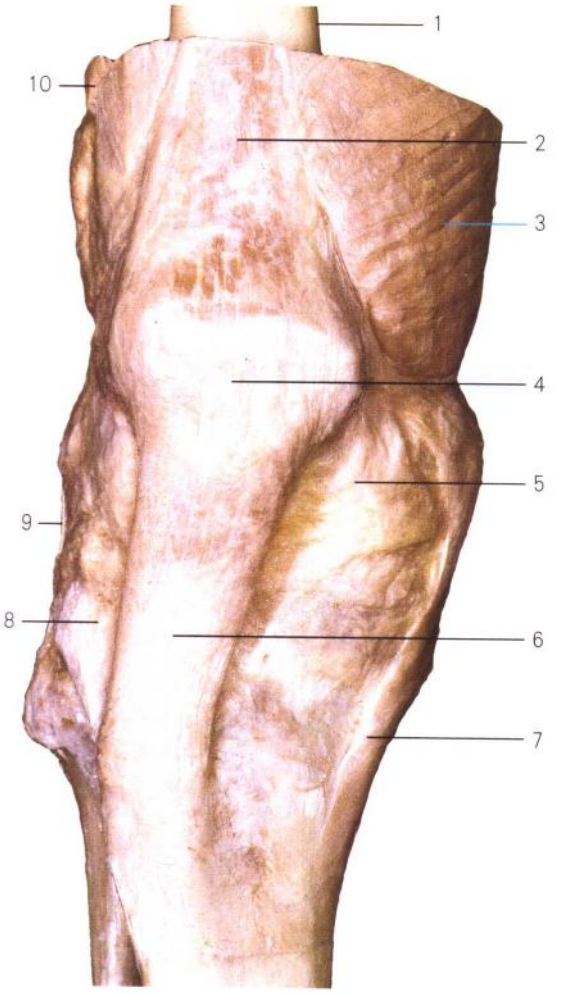


C



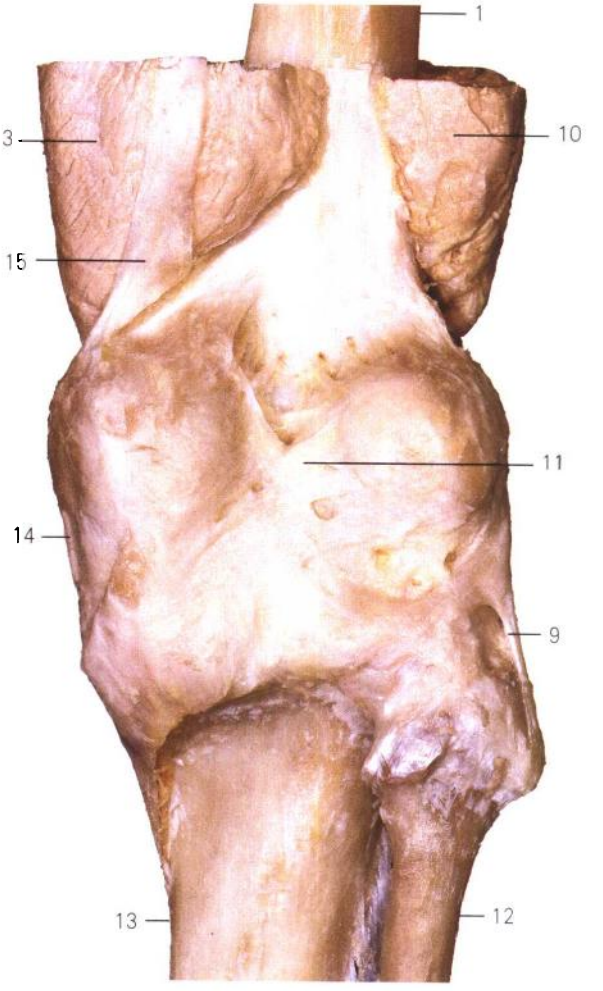
D

图 50 髋关节 (A、B、C、D)
The hip joint(A,B,C,D)



前面观

1. 股骨 femur
2. 股直肌 rectus femoris
3. 股内侧肌 vastus medialis
4. 髌骨 patella
5. 髌内侧支持带 medial patellar retinaculum
6. 髌韧带 patellar lig.
7. 缝匠肌腱 sartorius tendon
8. 髌外侧支持带 lateral patellar retinaculum

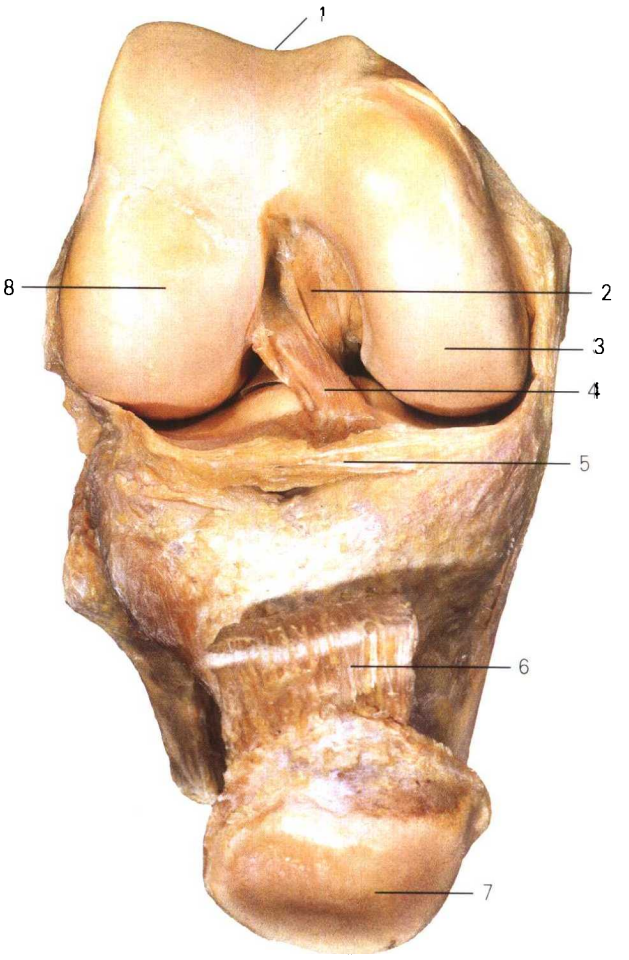


后面观

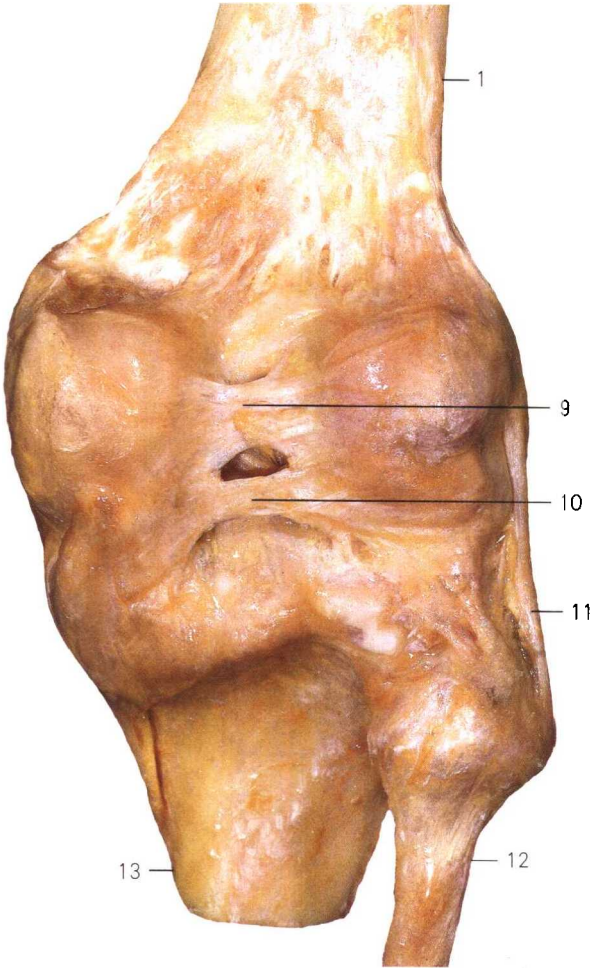
9. 腓侧副韧带 fibular collateral lig.
10. 股外侧肌 vastus lateralis
11. 腘斜韧带 oblique popliteal lig.
12. 腓骨 fibula
13. 胫骨 tibia
14. 胫侧副韧带 tibial collateral lig.
15. 大收肌腱 adductor magnus tendon

图 51 膝关节(前和后面观)
The knee joint(anterior and posterior aspect)

A. 切开 Incision
1. 髌面 patella surface
2. 后交叉韧带 posterior cruciate lig.
3. 内侧髁 medial condyle
4. 前交叉韧带 anterior cruciate lig.
5. 膝横韧带 transverse lig.of knee
6. 髌韧带 patellar lig.
7. 髌关节面 patellar articular surface
8. 外侧髁 lateral condyle



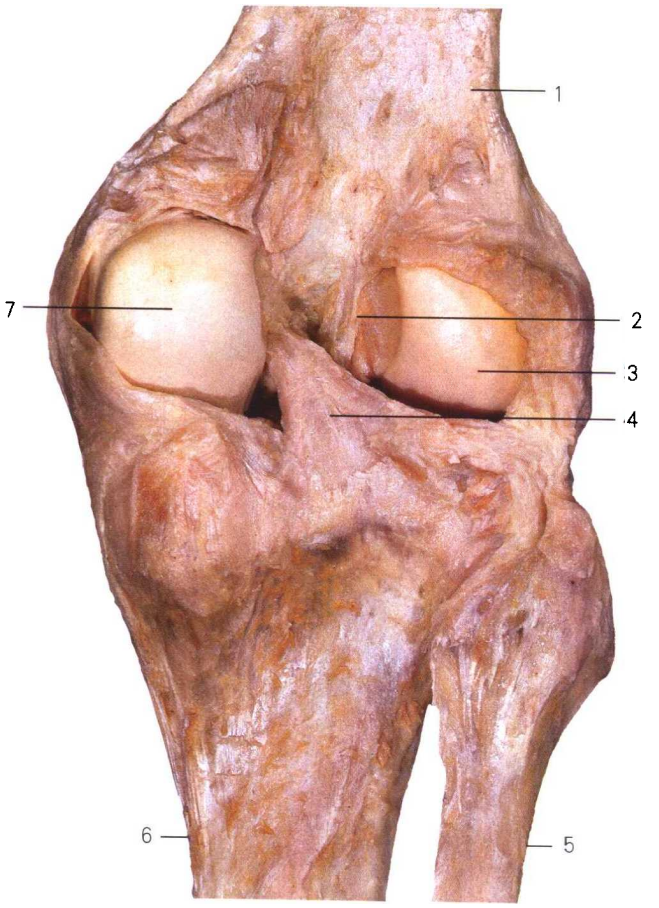
A. 切开



B. 后面观

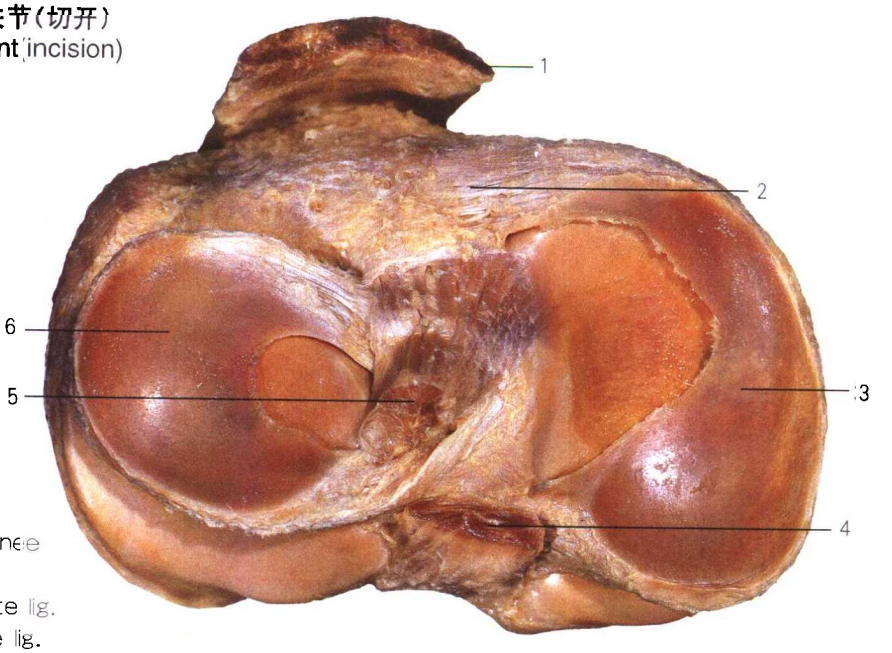
B. 后面观 Posterior aspect
9. 腘斜韧带 oblique popliteal lig.
10. 腘弓状韧带 arcuate popliteal lig.
11. 腓侧副韧带 fibular collateral lig.
12. 腓骨 fibula
13. 胫骨 tibia

图 52 膝关节 (A、B)
The knee joint (A,B)



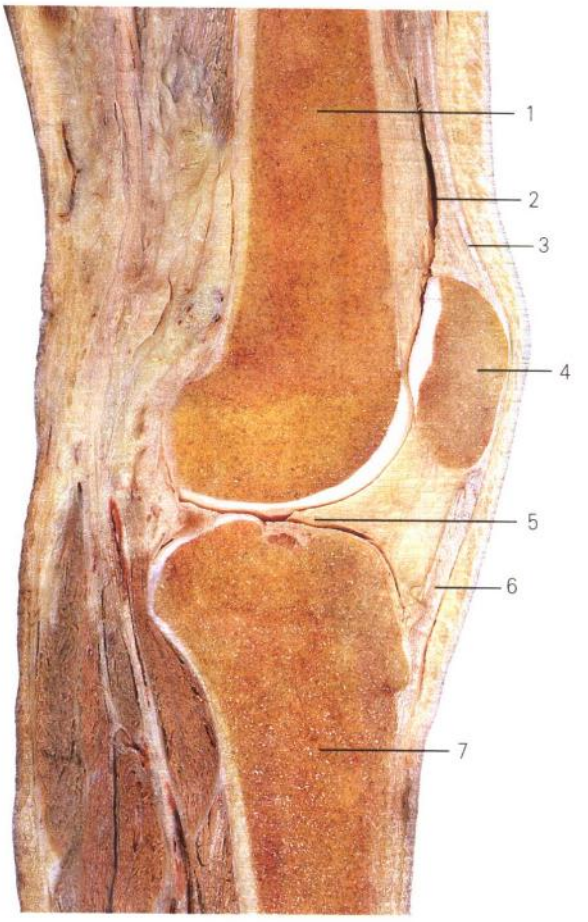
1. 股骨 femur
2. 前交叉韧带 anterior cruciate lig.
3. 外侧髁 lateral condyle
4. 后交叉韧带 posterior cruciate lig.
5. 腓骨 fibula
6. 胫骨 tibia
7. 内侧髁 medial condyle

图 53 膝关节(切开)
The knee joint(incision)



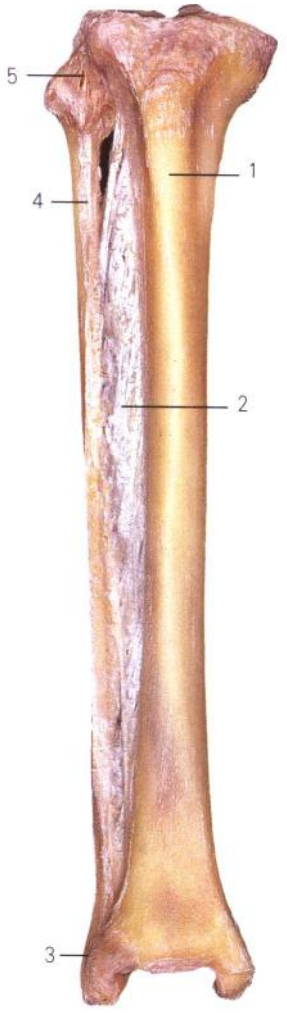
1. 髌韧带 patellar lig.
2. 膝横韧带 transverse lig.of knee
3. 内侧半月板 medial meniscus
4. 后交叉韧带 posterior cruciate lig.
5. 前交叉韧带 anterior cruciate lig.
6. 外侧半月板 lateral meniscus

图 54 膝关节(半月板)
The knee joint(meniscuses)



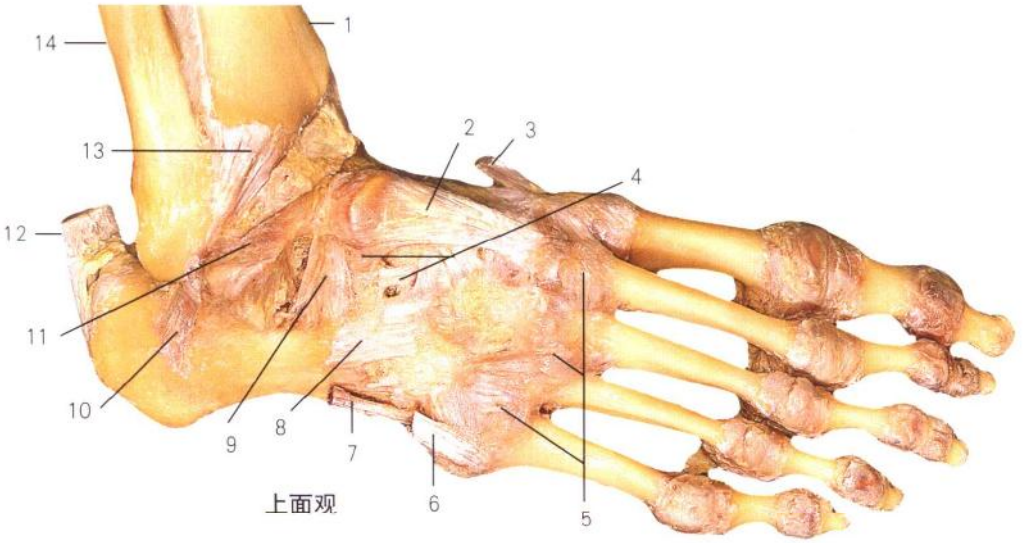
1. 股骨 femur
2. 髌上囊 suprapatellar capsule
3. 股四头肌腱 quadriceps femoris tendon
4. 髌骨 patella
5. 翼状襞 alar folds
6. 髌韧带 patellar lig.
7. 胫骨 tibia

图 55 膝关节(矢状节面)
The knee joint(sagittal section)



1. 胫骨 tibia
2. 小腿骨间膜 crural interosseous membrane
3. 胫腓前韧带 anterior tibiofibular lig.
4. 腓骨 fibula
5. 胫腓关节 tibiofibular joint

图 56 小腿骨的连结
The joints of the leg



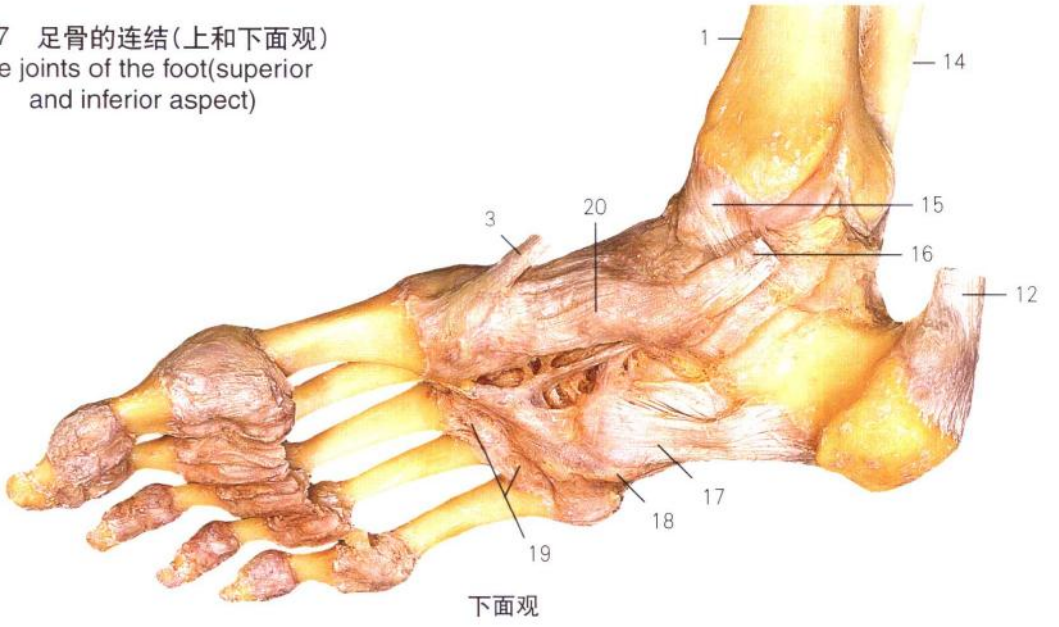
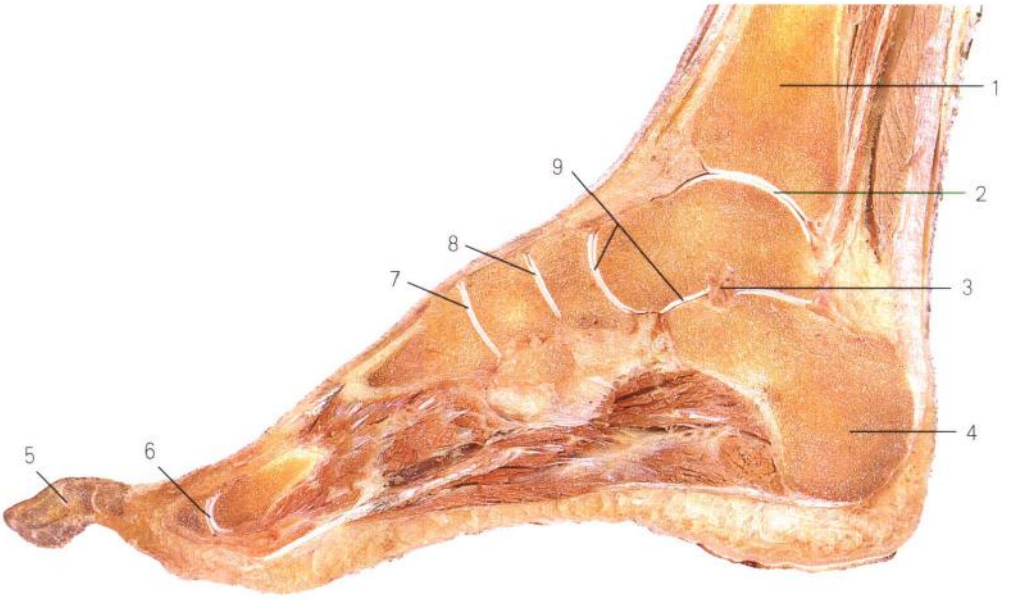
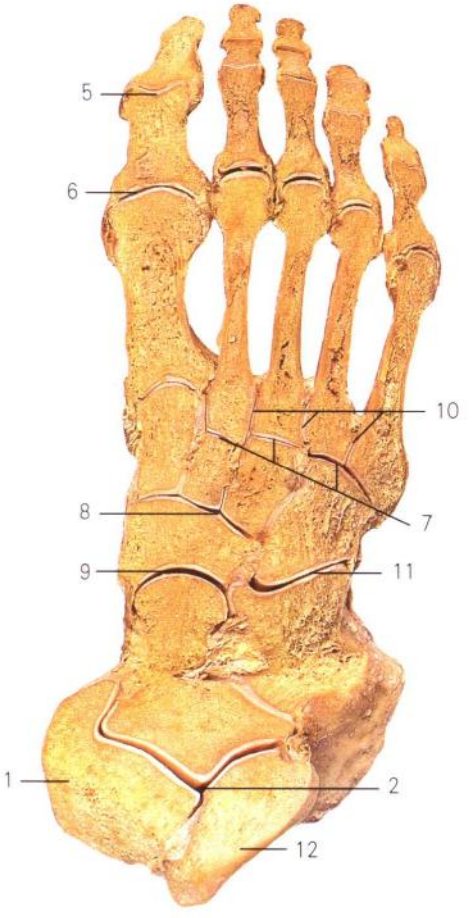


图 57　足骨的连结(上和下面观)
The joints of the foot(superior and inferior aspect)

1. 胫骨　tibia
2. 楔舟背侧韧　dorsal cuneonavicular lig.
3. 胫骨前肌腱　tibialis anterior tenloln
4. 分岐韧带　bifurcated lig.
5. 跗跖背侧韧带　dorsal tarsometatarsal lig.
6. 腓骨短肌腱　peroneus brevis tendon
7. 腓骨长肌腱　peroneus longus tendon
8. 跟骰背侧韧带　dorsal calcaneocuboid lig.
9. 距跟骨间韧带　interosseous talocalcaneal lig.
10. 跟腓韧带　calcaneofibular lig.
11. 距腓前韧带　anterior talofibular lig.
12. 跟腱　tendo calcaneus
13. 胫腓前韧带　anterior tibiofibular lig.
14. 腓骨　fibula
15. 内侧(三角)韧带　medial (deltoid) lig.
16. 胫骨后肌腱　tibialis posterior tendon
17. 足底长韧带　long plantar lig.
18. 腓骨长肌腱　peroneus lognus tendon
19. 跖骨足底韧带　plantar metatarsal lig.
20. 跗跖足底韧带　plantar tarsometatarsal lig.



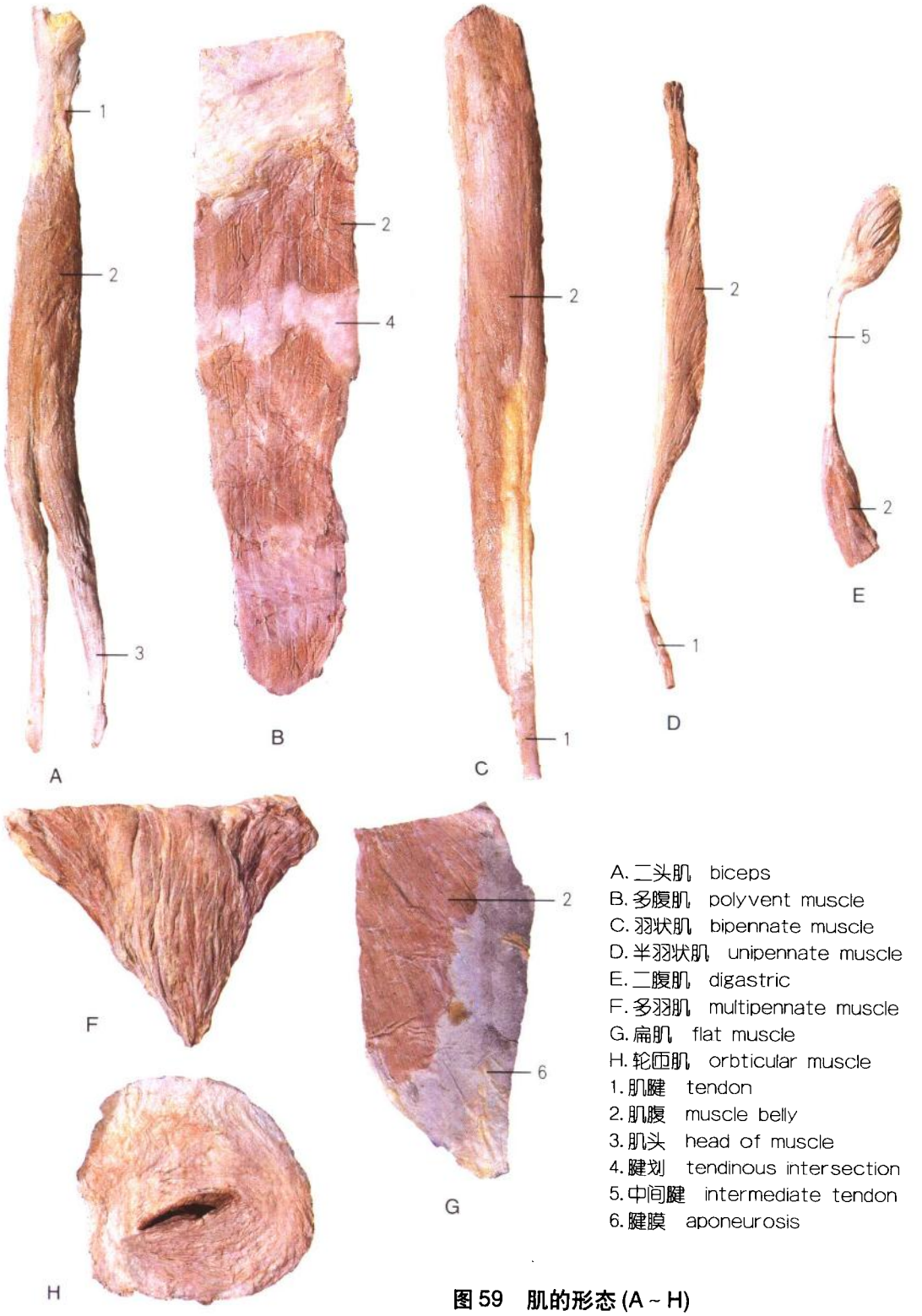
A. 矢状剖面观



B. 冠状剖面观

1. 股骨 tibia
2. 距小腿关节(踝关节) talocrural (ankle) joint
3. 距跟骨间韧带 interosseous talicalcaneal lig.
4. 跟骨 calcaneus
5. 趾骨间关节 interphangeal joint
6. 跖趾关节 metatarsophalangeal joint
7. 跗跖关节 tarsometatarsal joints
8. 楔舟关节 cuneonavicular joint
9. 距跟舟关节 talocalcaneonavicular joint
10. 跖骨间关节 intermetatarsal joints
11. 跟骰关节 calcaneocuboid joint
12. 腓骨 fibula

图 58 足骨的连结 (A、B)
The joints of the foot(A,B)



A. 二头肌 biceps
B. 多腹肌 polyvent muscle
C. 羽状肌 bipennate muscle
D. 半羽状肌 unipennate muscle
E. 二腹肌 digastric
F. 多羽肌 multipennate muscle
G. 扁肌 flat muscle
H. 轮匝肌 orbticular muscle
1. 肌腱 tendon
2. 肌腹 muscle belly
3. 肌头 head of muscle
4. 腱划 tendinous intersection
5. 中间腱 intermediate tendon
6. 腱膜 aponeurosis

图 59 肌的形态 (A ~ H)
Forms of muscles(A ~ H)

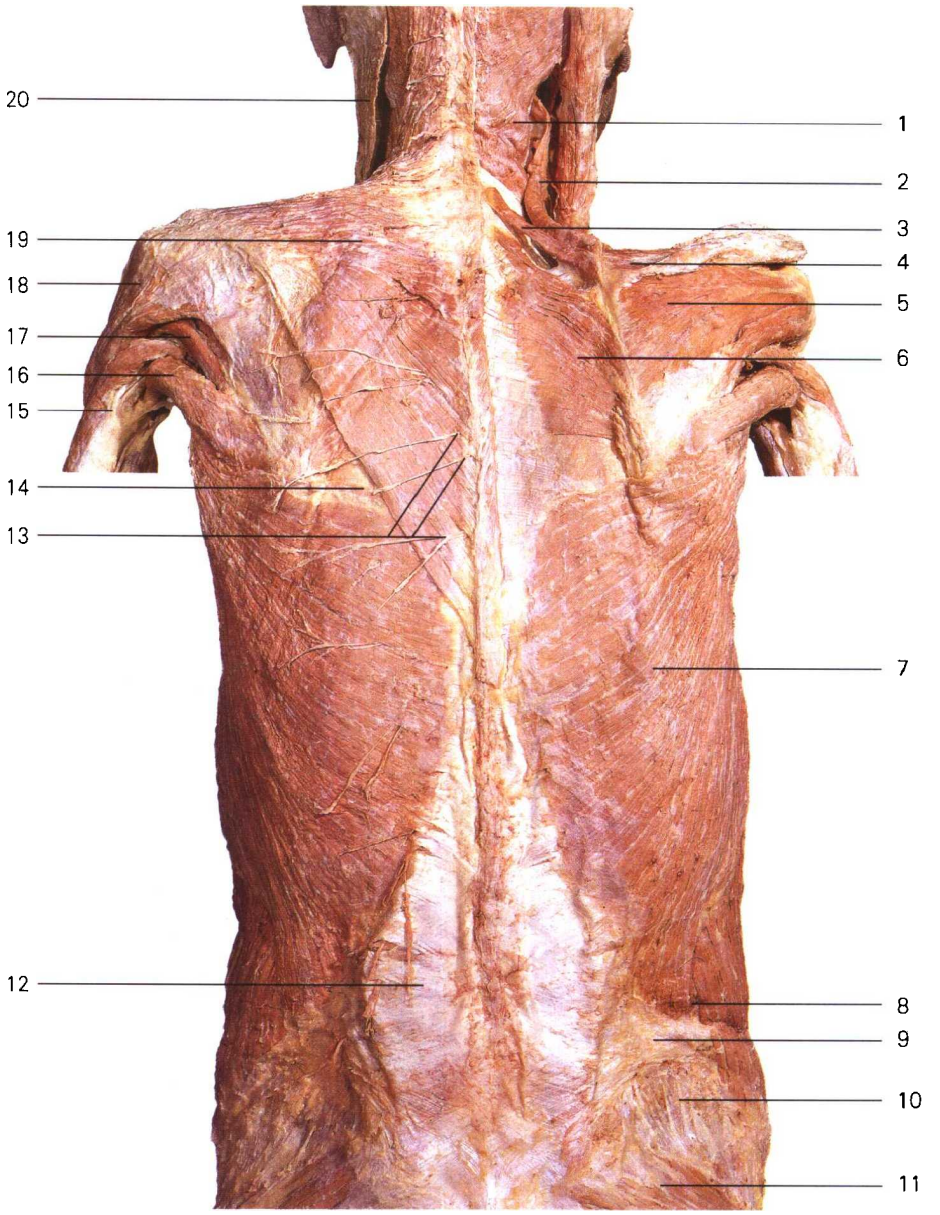
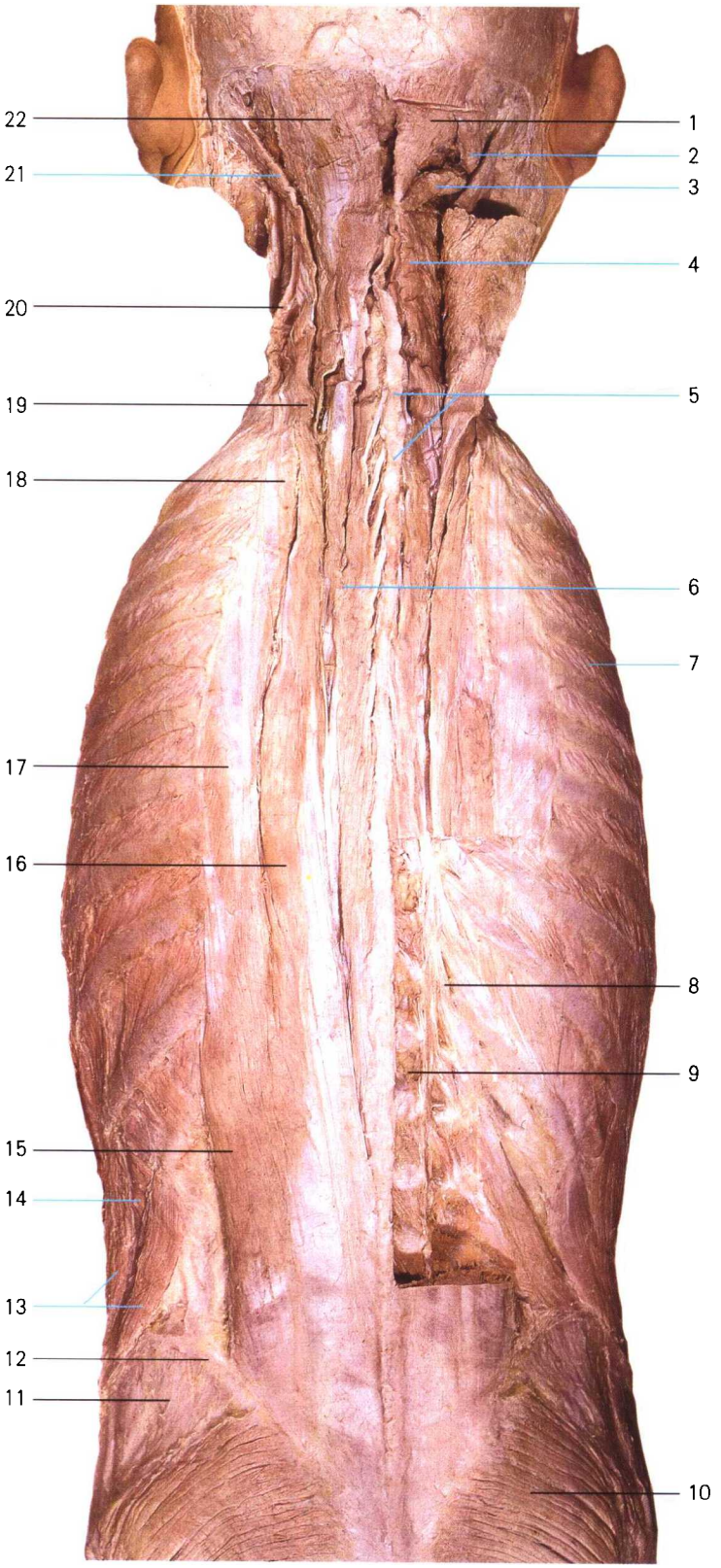


图60 背部的肌(Ⅰ)
Muscles of back(Ⅰ)

1. 头夹肌 splenius capitis
2. 肩胛提肌 levator scapulae
3. 小菱形肌 rhomboideus minor
4. 冈上肌 supraspinatus
5. 冈下肌 infraspinatus
6. 大菱形肌 rhomboideus major
7. 背阔肌 latissimus dorsi
8. 腰三角 lumbar triangle
9. 髂嵴 lilac crest
10. 臀中肌 gluteus medius
11. 臀大肌 gluteus maximus
12. 胸腰筋膜 thoracolumbar fascia
13. 胸神经后支 posterior branches of thoracic n.
14. 听诊三角 triangle of auscultation
15. 肱三头肌 triceps brachii
16. 大圆肌 teres major
17. 小圆肌 teres minor
18. 三角肌 deltoid
19. 斜方肌 trapezius
20. 胸锁乳突肌 sternocleidomastoid

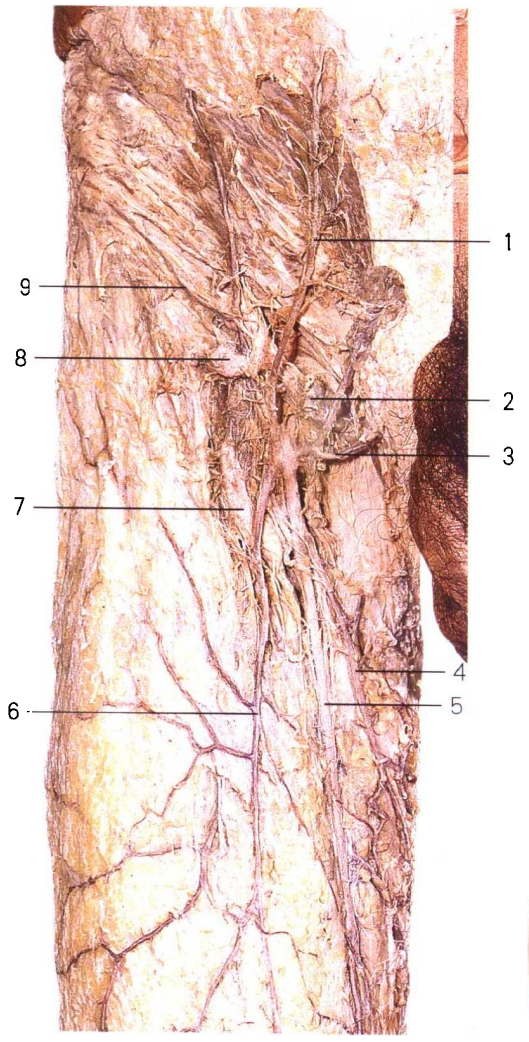


1. 头后大直肌 rectus capitis posterior major
2. 头上斜肌 obliquus capitis superior
3. 头下斜肌 obliquus capitis inferior
4. 颈半棘肌 semispinalis cervicis
5. 棘间肌 interspinales
6. 棘肌 spinalis
7. 肋间外肌 intercostales externi
8. 肋提肌 levatores costarum
9. 横突间肌 intertransversarii
10. 臀大肌 gluteus maximus
11. 臀中肌 gluteus medius
12. 髂嵴 iliac crest
13. 腹外斜肌 obliquus externus abdominis
14. 腹内斜肌 obliquus internus abdominis
15. 腰髂肋肌 iliocostalis lumborum
16. 胸最长肌 longissimus thoracis
17. 胸髂肋肌 iliocostalis thoracis
18. 颈髂肋肌 iliocostalis cervcis
19. 颈最长肌 longissimus cervicis
20. 后斜角肌 scalenus posterior
21. 头最长肌 logissimus capitis
22. 头半棘肌 semispinalis capitis

图 61 背部的肌(II)
Muscles of back(II)

第2章 下肢

CHAPTER 2 THE LOWER LIMB



1. 腹壁浅静脉 superficial epigastric v.
2. 腹股沟上内侧浅淋巴结 superomedial superficial inguinal lymph nodes
3. 阴部外静脉 external pudendal v.
4. 股内侧浅静脉 medial superficial femoral v.
5. 大隐静脉 great saphenous v.
6. 股外侧浅静脉 lateral superficial femoral v.
7. 腹股沟下浅淋巴结 inferior superficial inguinal lymph nodes
8. 腹股沟上外侧浅淋巴结 superolateral superficial inguinal lymph nodes
9. 旋髂浅静脉 superficial iliac circumflex v.

图 62 股前内侧区的浅静脉
Superficial veins of anterior and medial region of the thigh

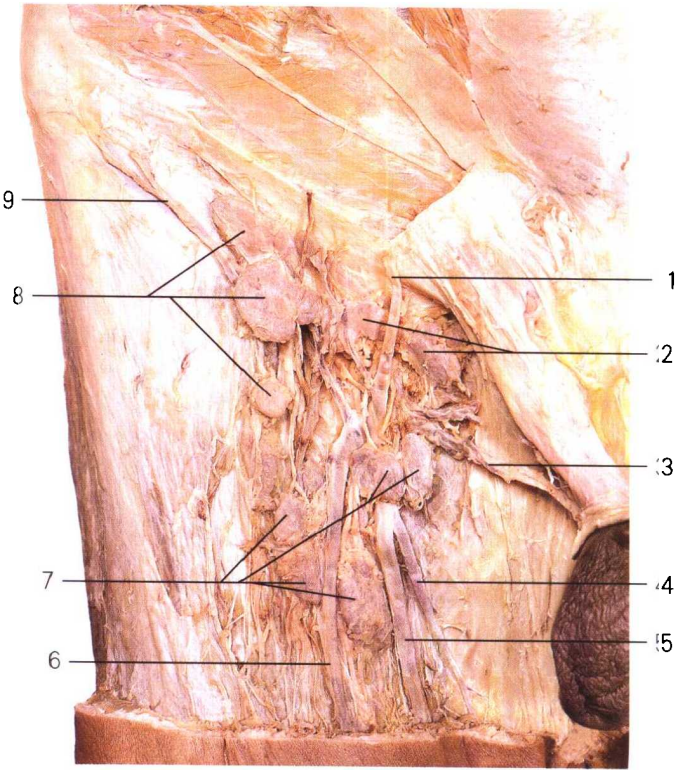


图 63 腹股沟浅淋巴结
Superficial inguinal lymph nodes

1. 腹股沟韧带 inguinal lig.
2. 股静脉 femoral v.
3. 耻骨肌 pectineus
4. 精索 spermatic cord
5. 大隐静脉 great saphenous v.
6. 长收肌 adductor longus
7. 股薄肌 gracilis
8. 缝匠肌 sartorius
9. 股直肌 rectus femoris
10. 股内侧肌 vastus medialis

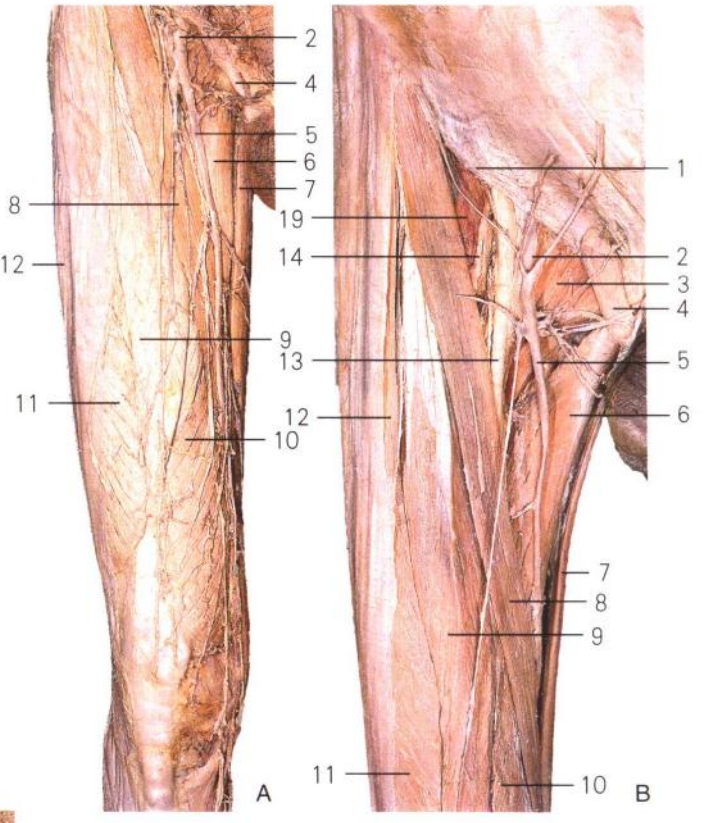


图64 股前内侧区的肌、神经和血管(Ⅰ)(A、B)
Muscles,nerves and blood vesseles of anterior and medial region of the thigh(Ⅰ)(A,B)

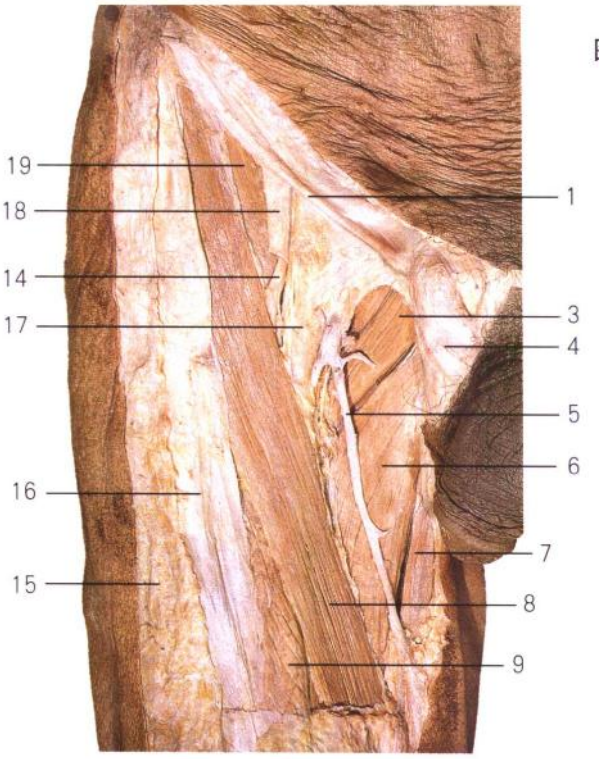
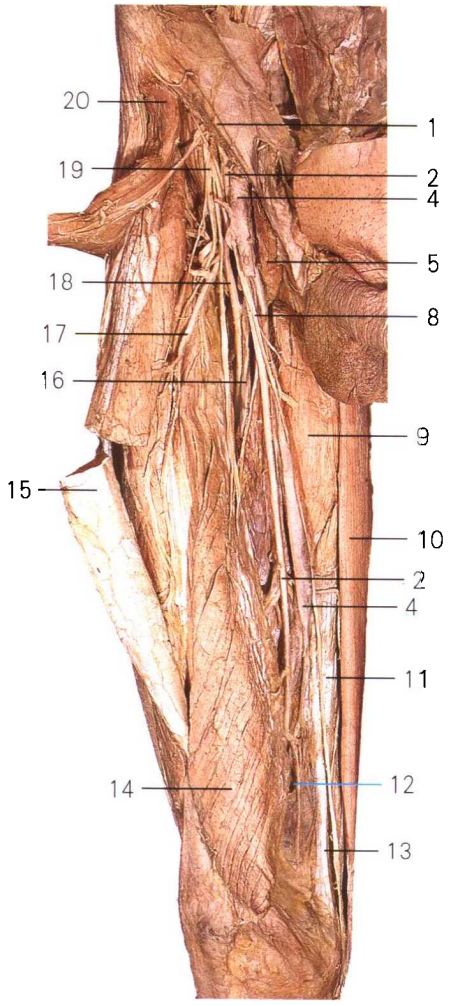


图65 股鞘
Femoral sheath

11. 股外侧肌 vastus lateralis
12. 阔筋膜张肌 tensor fasciae latae
13. 股动脉 femoral a.
14. 股神经 femoral n.
15. 浅筋膜 superficial fascial
16. 阔筋膜 fascia lata
17. 股鞘 femoral sheath
18. 髂筋膜 iliac fascia
19. 髂腰肌 iliopsoas



1. 腹股沟韧带 inguinal lig.
2. 股动脉 femoral a.
3. 股管及腹股沟深淋巴结 femoral canal and deep inguinal lymph nodes
4. 股静脉 femoral v.
5. 耻骨肌 pectineus
6. 短收肌 adductor brevis
7. 闭孔神经(前支) obturator n.(anterior branch)
8. 隐神经 saphenous n.
9. 长收肌 adductor longus
10. 股薄肌 gracilis
11. 大收肌 adductor magnus
12. 收肌腱裂孔 adductor tendinous opening
13. 大收肌(腱) adductor magnus (tendon)

图 66 股前内侧区的肌、神经和血管(Ⅱ)
Muscles,nerves and blood vesseles of anterior and medial region of the thigh(Ⅱ)

14. 股内侧肌 vastus medialis
15. 股直肌 rectus femoris
16. 股深静脉 deep femoral v.
17. 旋股外侧动脉 lateral femoral circumflex a.
18. 股深动脉 deep femoral a.
19. 股神经 femoral n.
20. 缝匠肌 sartorius

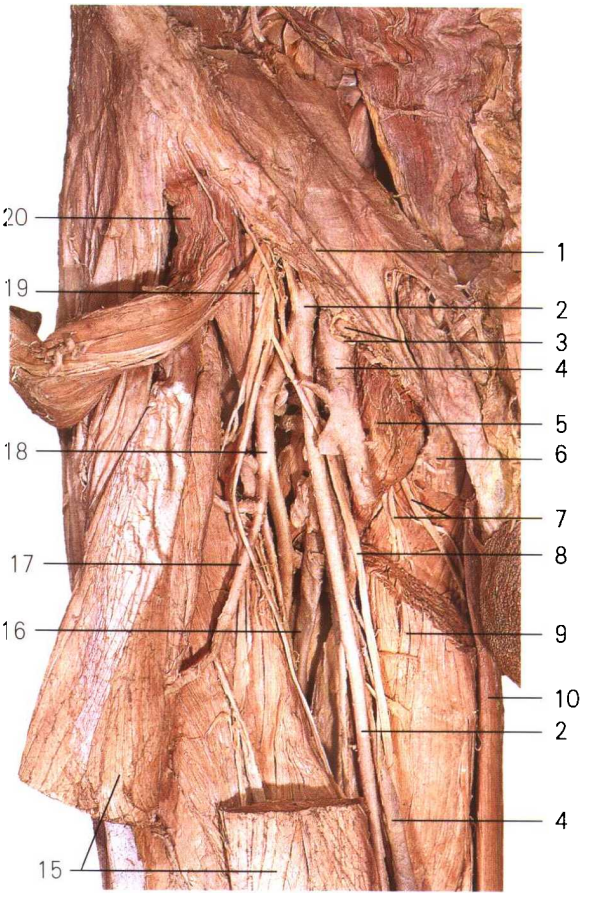


图 67 股前内侧区的肌、神经和血管(Ⅲ)
Muscles,nerves and blood vesseles of anterior and medial region of the thigh(Ⅲ)

1. 耻骨肌 pectineus
2. 股静脉 femoral v.
3. 旋股内侧动脉 medial femoral circumflex a.
4. 闭孔外肌 obturator externus
5. 闭孔神经 obturator n.
6. 短收肌 adductor brevis
7. 股深静脉 deep femoral v.
8. 穿动脉 perforating a.
9. 大收肌 adductor magnus
10. 股薄肌 gracilis
11. 隐神经 saphenous n.

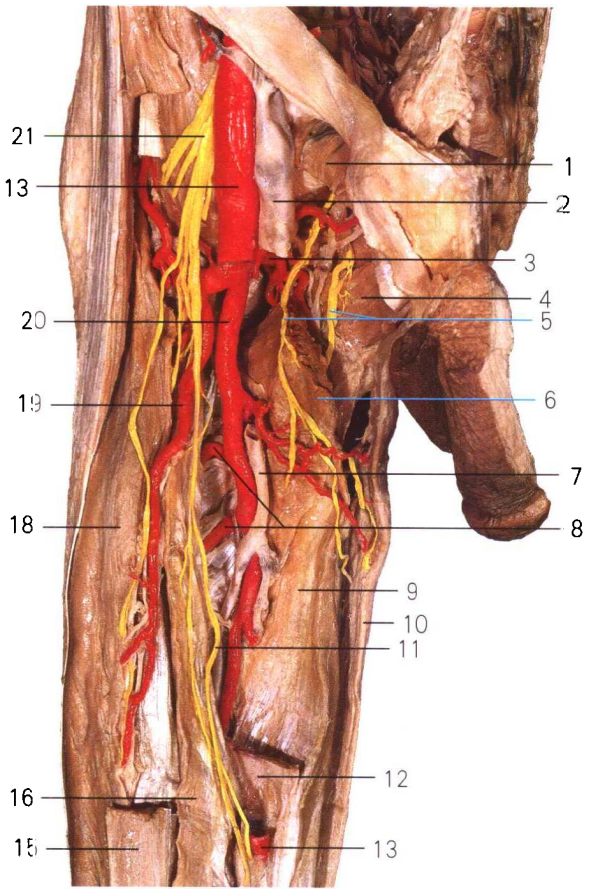


图 69 股深动脉及其穿动脉
Deep femoral artery and perforating arteries

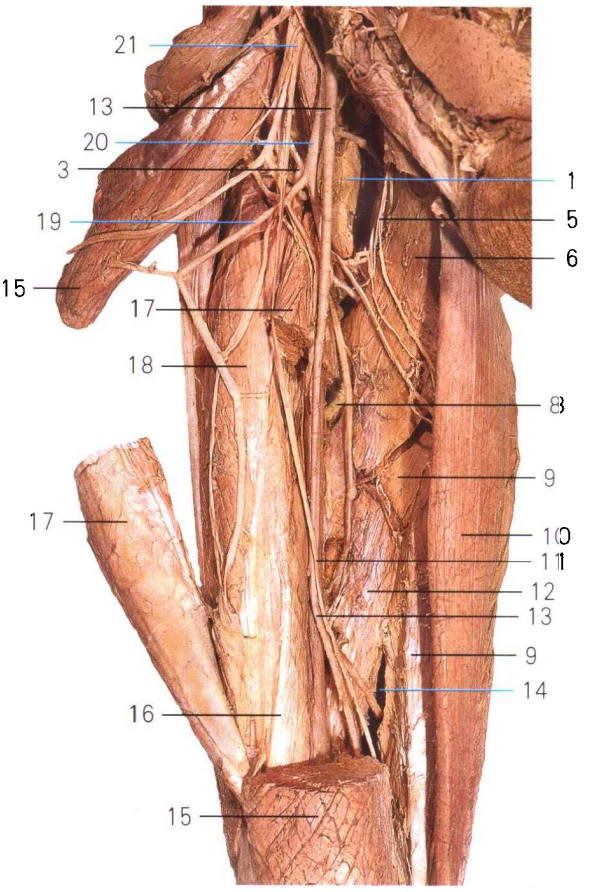


图 68 股动脉及股深动脉
Femoral artery and deep femoral artery

12. 长收肌 adductor longus
13. 股动脉 femoral a.
14. 收肌腱裂孔 adductor tendinous opening
15. 股直肌 rectus femoris
16. 股内侧肌 vastus medialis
17. 股中间肌 vastus intermedius
18. 股外侧肌 vastus lateralis
19. 旋股外侧动脉 lateral femoral circumflex a.
20. 股深动脉 deep femoral a.
21. 股神经 femoral n.

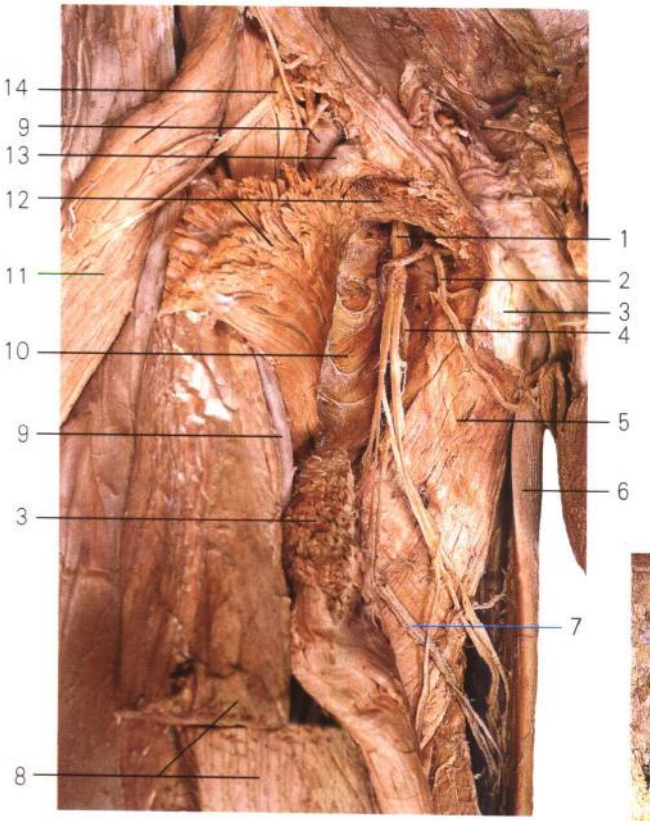
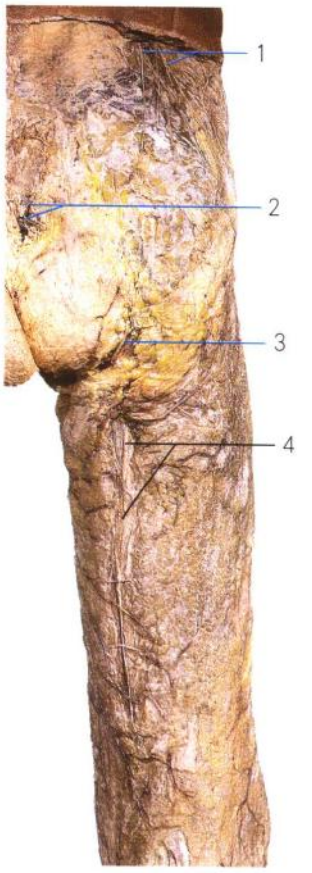


图 70　闭孔神经和血管
Obturator nerves and obturator vesseles

1. 闭孔神经　obturator n.
2. 闭孔动脉(前支)　obturator a.(anterior branch)
3. 长收肌　adductor longus
4. 闭孔动脉(后支)　obturator a.(posterior branch)
5. 短收肌　adductor brevis
6. 股薄肌　gracilis
7. 旋股内侧动脉(深支)　medial femoral circumflex a.(deep branch)
8. 股直肌　rectus femoris
9. 股动脉　femoral a.
10. 闭孔外肌　obturator externus
11. 缝匠肌　sartorius
12. 耻骨肌　pectineus
13. 股静脉　femoral v.
14. 股神经　femoral n.

1. 臀中肌　gluteus medius
2. 髂后上棘　posterior superior iliac spine
3. 臀大肌　gluteus maximus
4. 股骨大转子　greater trochanter
5. 股二头肌　biceps femoris
6. 髂胫束　iliotibial tract
7. 半膜肌　semimembranosus
8. 半腱肌　semitendinosus
9. 股薄肌　gracilis



1. 臀上皮神经　superior clunial n.
2. 臀内侧皮神经　medial clunial n.
3. 臀下皮神经　inferior clunial n.
4. 股后皮神经　posterior femoral cutaneous n.

图 71　臀区和股后区的皮神经
Cutaneous nerves of the gluteal region and posterior region of the thigh

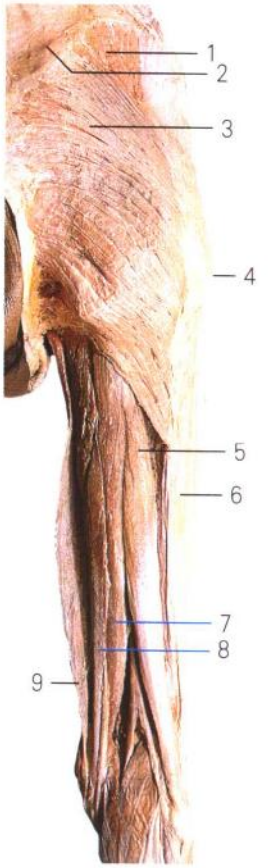


图 72　臀区和股后区的肌
Muscles of the gluteal region and posterior region of the thigh

1. 臀中肌 gluteus medius
2. 臀小肌 gluteus minimus
3. 梨状肌 piriformis
4. 上孖肌 gemellus superior
5. 闭孔内肌(腱) obturator internus (tendon)
6. 下孖肌 gemellus inferior
7. 股方肌 quadratus femoris
8. 阴部神经 pudendal n.
9. 阴部内动脉 internal pudendal a.
10. 股后皮神经 posterior femoral cutaneous n.
11. 骶结节韧带 sacrotuberous lig.
12. 坐骨神经 sciatic n.
13. 臀下神经 inferior gluteal n.
14. 臀下动脉 inferior gluteal a.
15. 臀上神经 superior gluteal n.
16. 臀上动脉 superior gluteal a.
17. 臀大肌 gluteus maximus

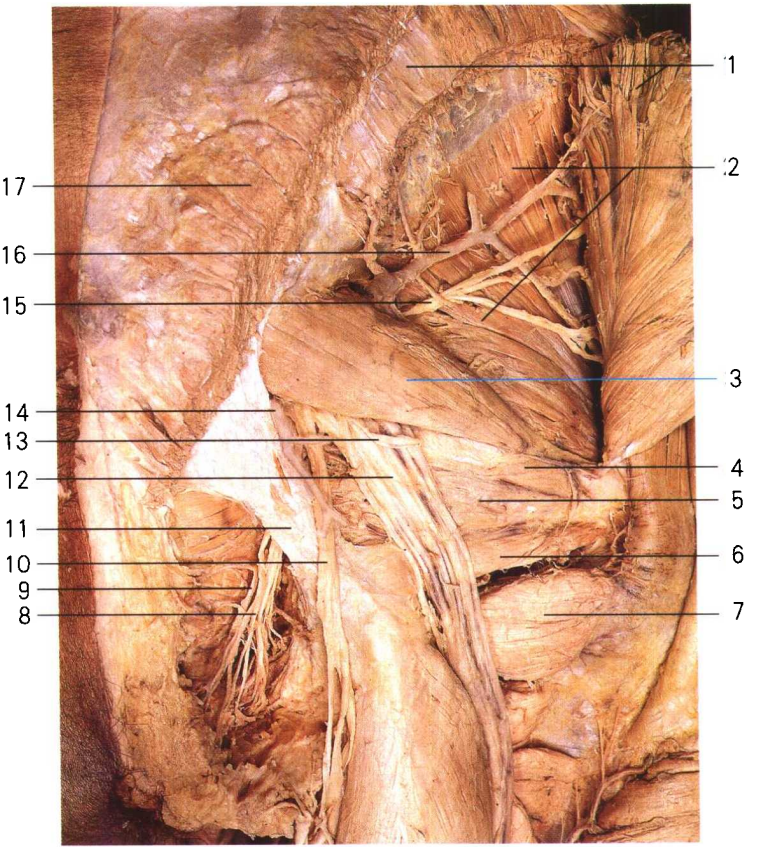


图 73 臀区的肌、神经和血管(Ⅰ)
Muscles,nerves and blood vesseles of the gluteal region(Ⅰ)

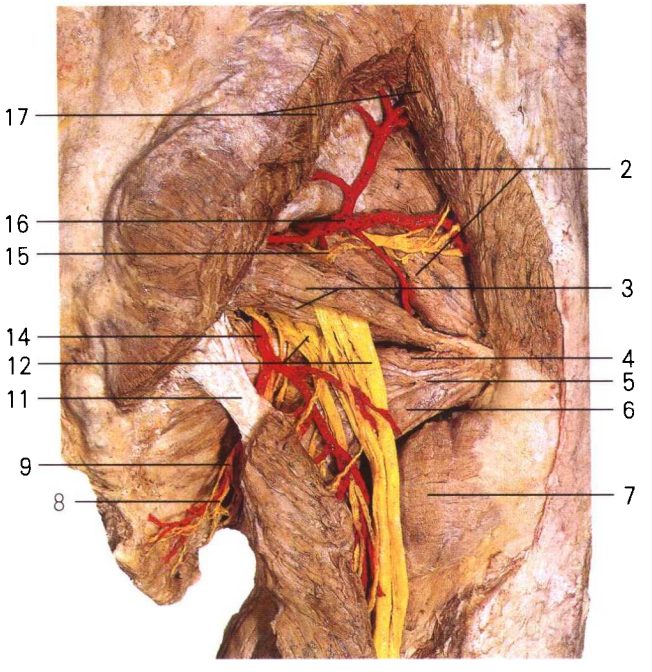
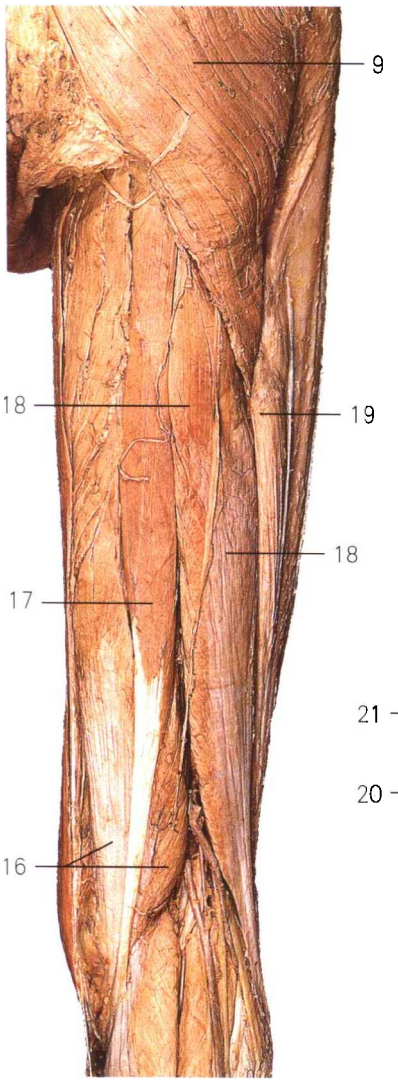
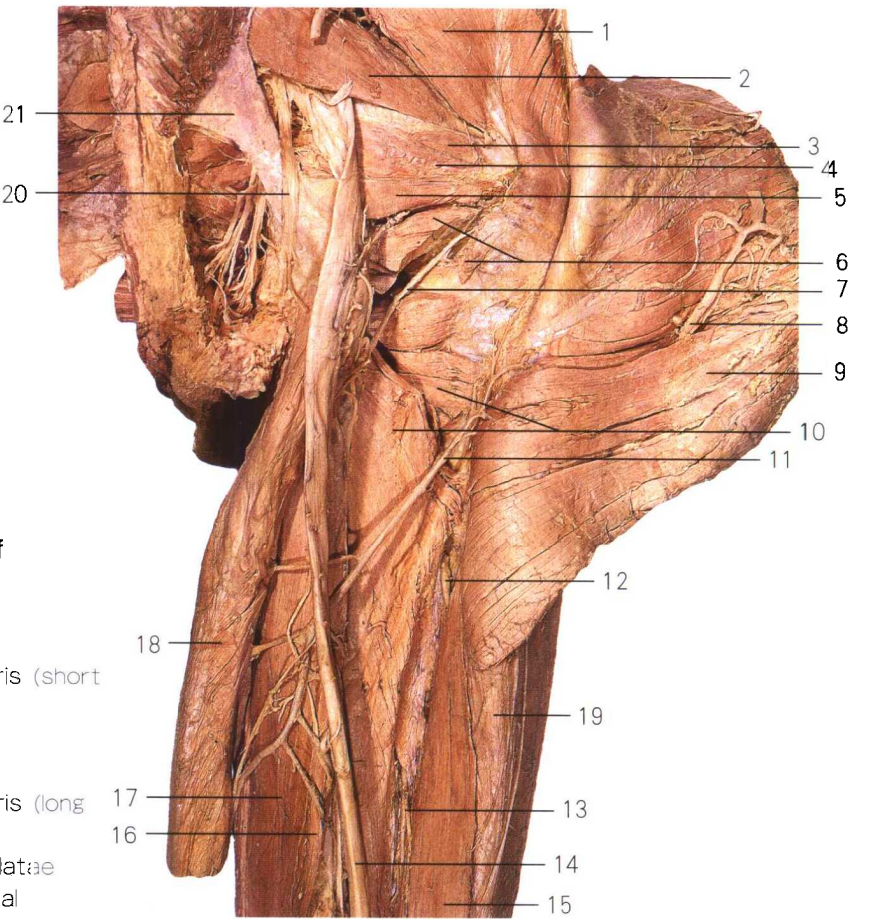


图 74 臀区的肌、神经和血管(Ⅱ)
Muscles,nerves and blood vesseles of the gluteal region(Ⅱ)



1. 臀中肌 gluteus medius
2. 梨状肌 piriformis
3. 上孖肌 gemellus superior
4. 闭孔内肌(腱) obturator internus (tendon)
5. 下孖肌 gemellus inferior
6. 股方肌 guadratrs femoris
7. 旋股内侧动脉 medial femoral circumflex a.
8. 臀下动脉 inferior gluteal a.
9. 臀大肌 gluteus maximus
10. 大收肌 adductor magnus
11. 第一穿动脉 first perforating a.
12. 第二穿动脉 2nd perforating a.
13. 第三穿动脉 3rd perforating a.

图 75 股后区的肌
Muscles of posterior region of the thigh



14. 坐骨神经 sciatic n.
15. 股二头肌(短头) biceps femoris (short head)
16. 半膜肌 semimembranosus
17. 半腱肌 semitendinosus
18. 股二头股(长头) biceps femoris (long head)
19. 阔筋膜张肌 tensor fasciae latae
20. 股后皮神经 posterior femoral cataneous n.
21. 骶结韧带 sacrotuberous lig.

图 76 股后区的肌、神经和血管
Muscles,nerves and blood vesseles of posterior region of the thigh

1. 坐骨神经 sciatic n.
2. 股二头肌 biceps femoris
3. 腘静脉 popliteal v.
4. 腘动脉 popliteal a.
5. 腓总神经 common peroneal n.
6. 膝上外侧动脉 lateral superior genicular a.
7. 胫神经 tibial n.
8. 小隐静脉 small saphenous v.
9. 腓肠肌(外侧头) gastrocnemius (lateral head)
10. 膝下外侧动脉 lateral inferior genicular a.
11. 腓肠外侧皮神经 lateral sural cutaneous n.

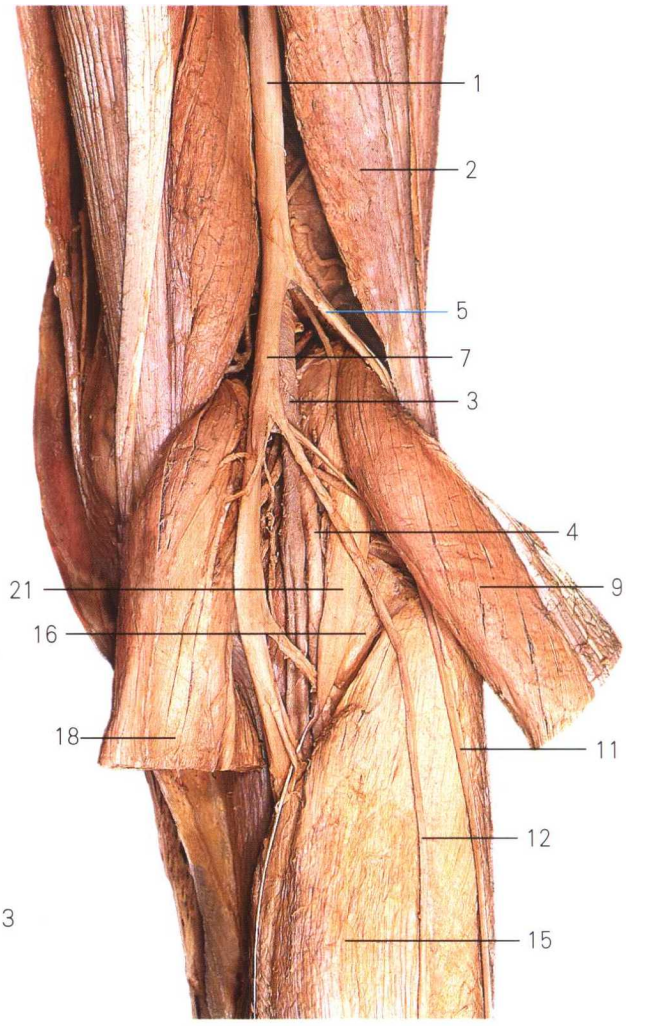


图 77 腘窝的神经和血管
Nerves and blood vesseles of the popliteal fossa

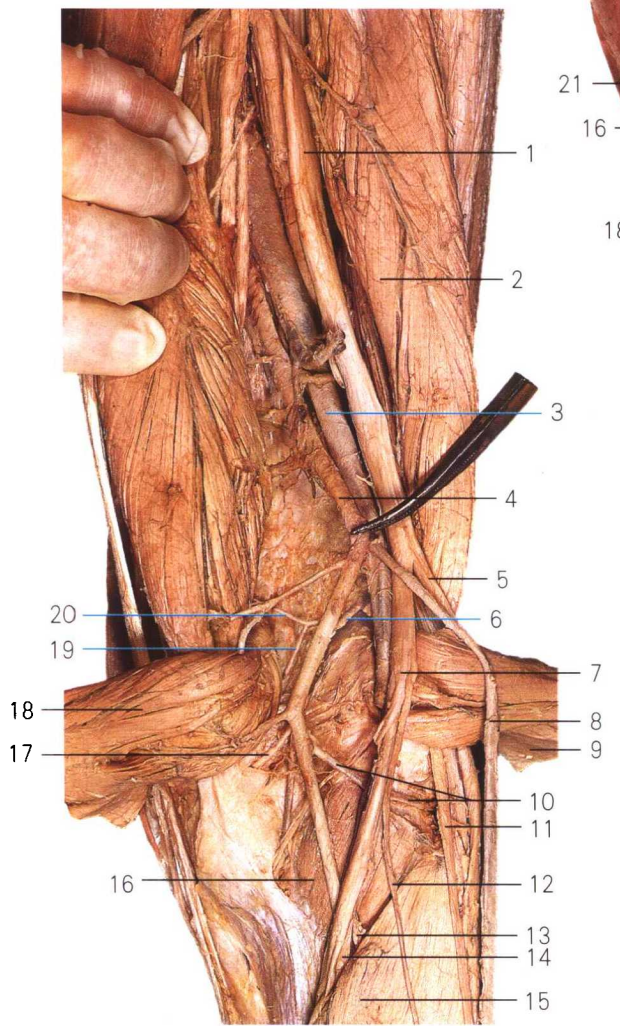
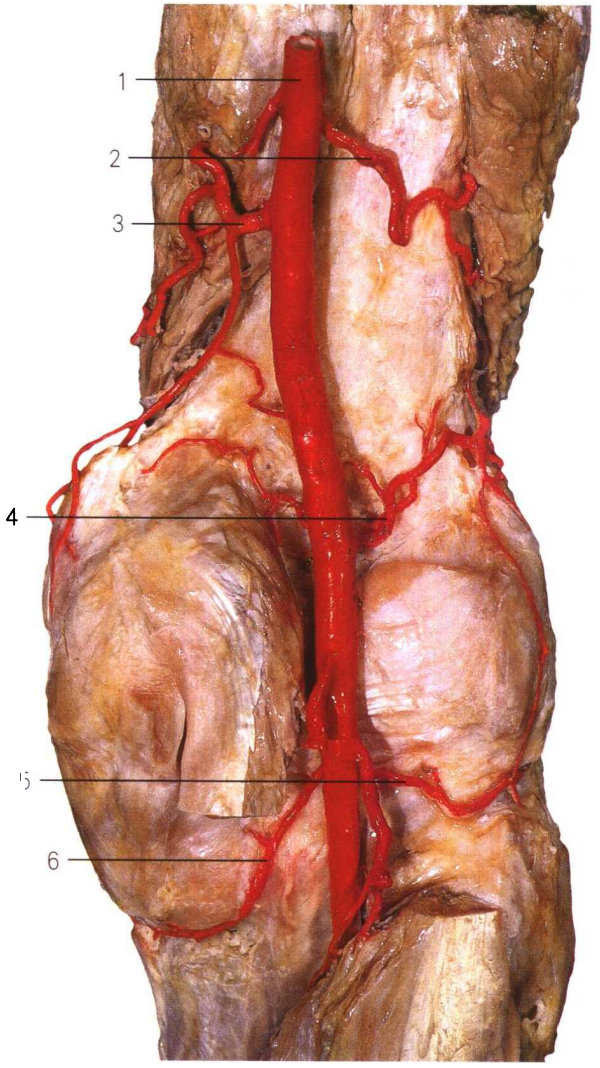
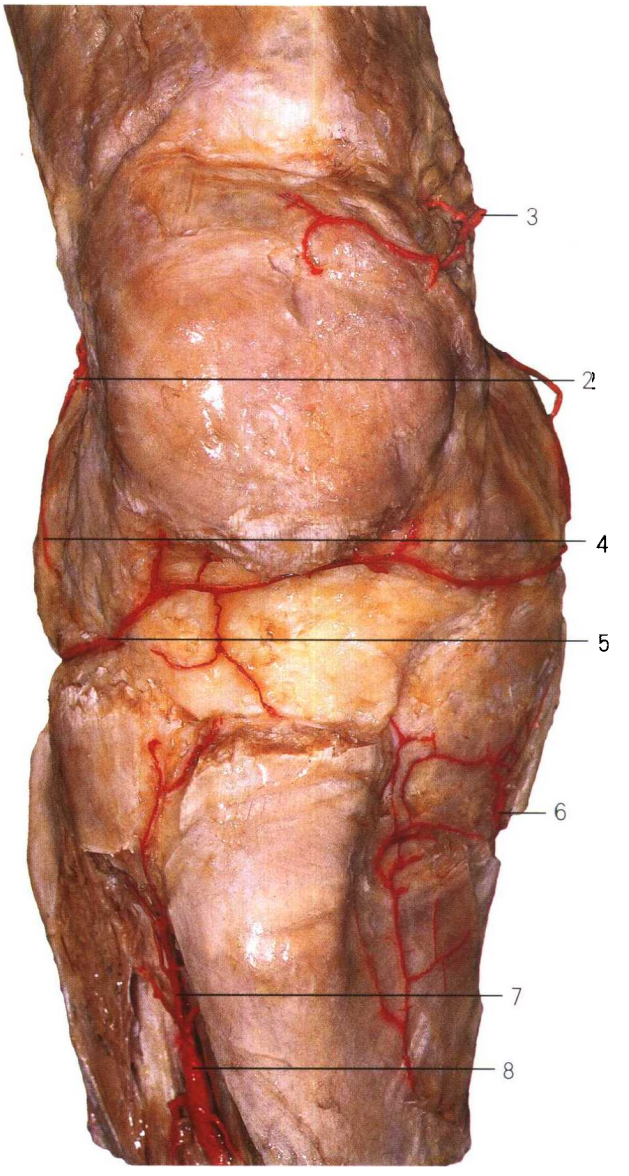


图 78 腘动脉的分支
Branches of the popliteal artery

12. 腓肠内侧皮神经 medial sural cutaneous n.
13. 胫前动脉 anterior tibial a.
14. 胫后动脉 posterior tibial a.
15. 比目鱼肌 soleus
16. 腘肌 popliteus
17. 膝下内侧动脉 medial inferior genicular a
18. 腓肠肌(内侧头) gastrocnemius (medial head)
19. 膝中动脉 middle genicular a.
20. 膝上内侧动脉 medial superior genicular a
21. 跖肌 plantaris



A. 后面观



B. 前面观

1. 腘动脉 popliteal a.
2. 膝上外侧动脉 lateral superior genicular a.
3. 膝上内侧动脉 medial superior genicular a.
4. 膝中动脉 middle genicular a.
5. 膝下外侧动脉 laterior inferior genicular a.
6. 膝下内侧动脉 medial inferior genicular a.
7. 胫前返动脉 anterior tibial recurrent a.
8. 胫前动脉 anterior tibial a.

图 79 膝关节网 (A、B)
Geniclar articular rete(A,B)

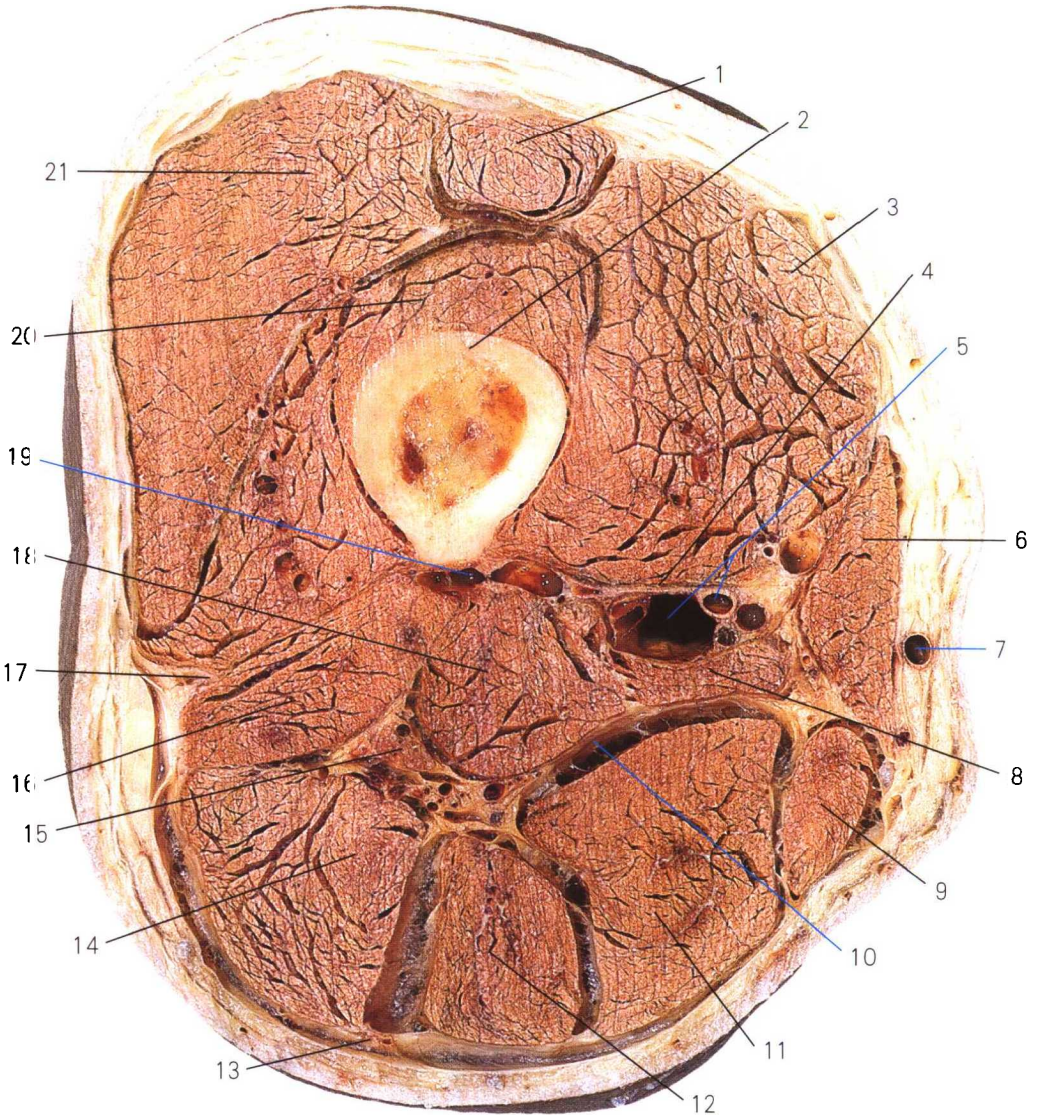


图 80 股部中段横切面(下面观)
Transverse section through the middle of the thigh (inferior aspect)

1. 股直肌 rectus femoris
2. 股骨 femur
3. 股内侧肌 vastus medialis
4. 股内侧肌间隔 medial femoral intermuscular septum
5. 股静脉、股动脉 femoral v.and a.
6. 缝匠肌 sartorius
7. 大隐静脉 great saphenous v.
8. 长收肌 adductor longus
9. 股薄肌 gracilis
10. 股后肌间隔 posterior femoral intermuscular septeum
11. 半膜肌 semimembranosus
12. 半腱肌 semitendinosus
13. 股后皮神经 posterior femoral cutaneous n.
14. 股二头肌(长头) biceps femoris (long head)
15. 坐骨神经 sciatic n.
16. 股二头肌(短头) biceps femoris (short head)
17. 股外侧肌间隔 lateral femoral intermuscular semptum
18. 大收肌 adductor magnus
19. 股深动脉及穿动脉 deep femoral a. and perforating a.
20. 股中间肌 vastus intermedius
21. 股外侧肌 vastus lateralis

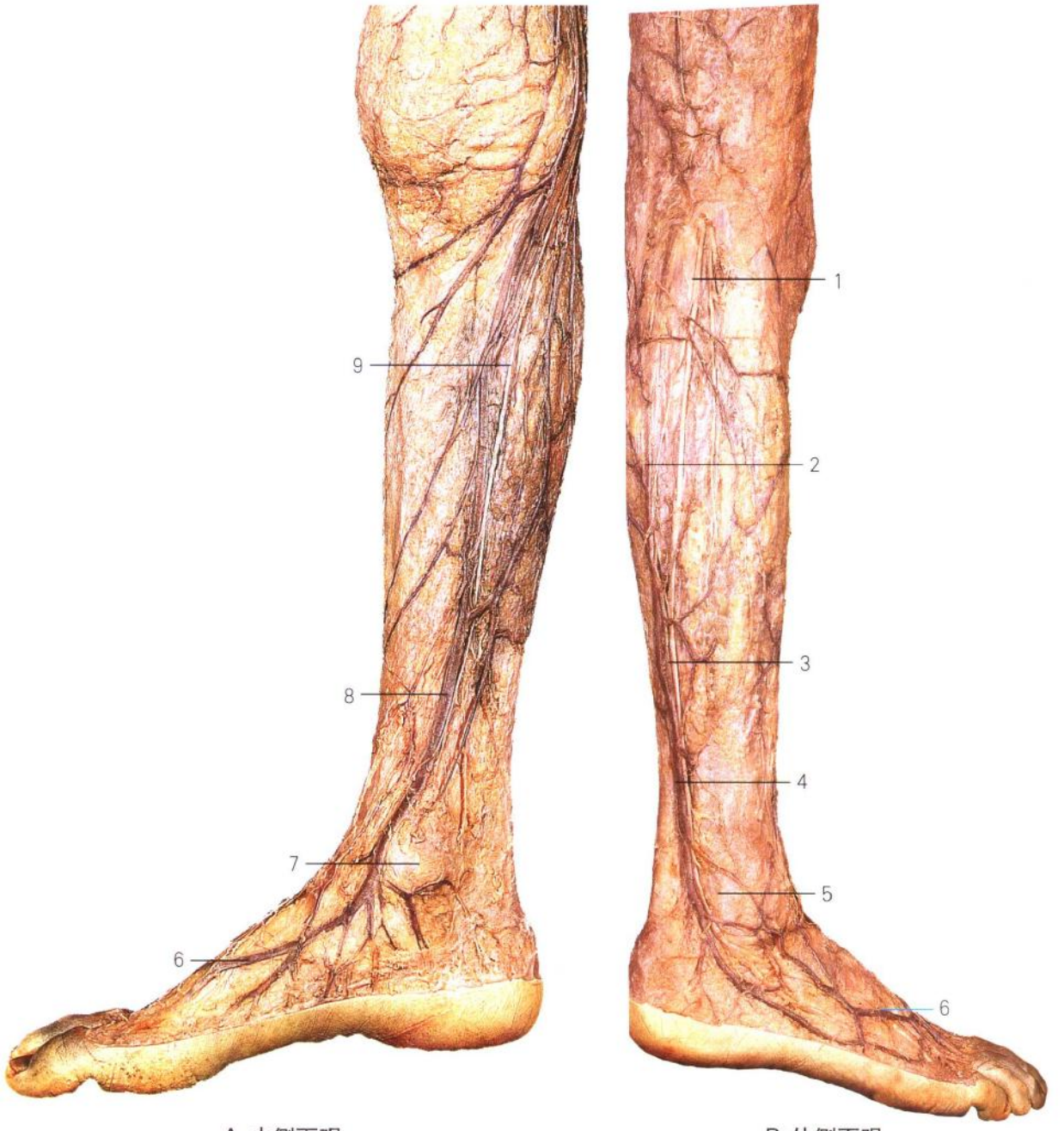


图 81　小腿的浅静脉 (A、B)
Superficial veins of the leg(A,B)

1. 腓肠外侧皮神经　lateral sural cutaneous n.
2. 腓肠内侧皮神经　medial sural cutaneous n.
3. 腓肠神经　sural n.
4. 小隐静脉　small saphenous v.
5. 外髁　lateral malleolus
6. 足背静脉弓　dorsal venous arch of foot
7. 内髁　medial malleolus
8. 大隐静脉　great saphenous v.
9. 隐神经　saphenous n.

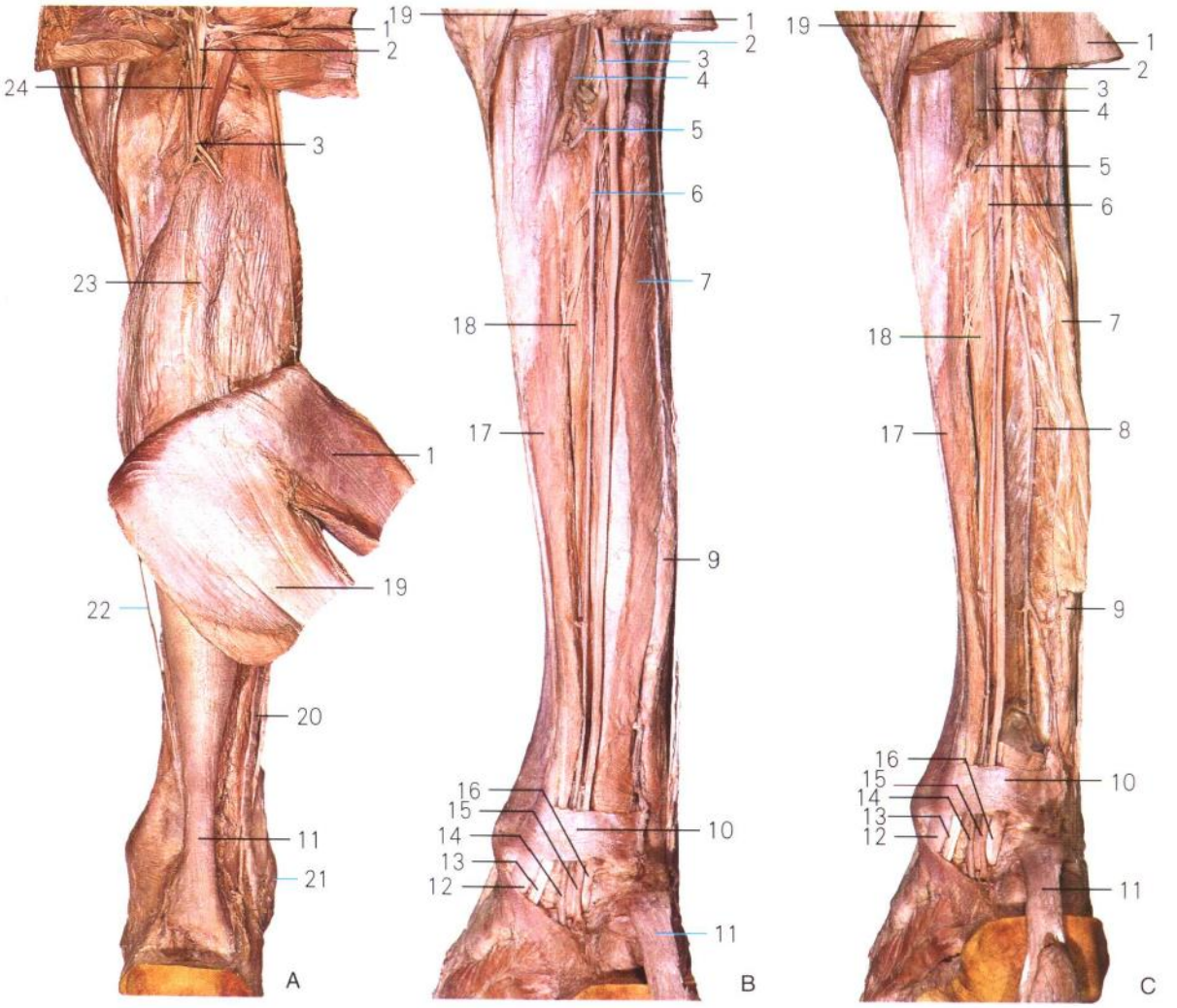


图 82 小腿后区的肌、神经和血管 (A、B、C)
Muscles,nerves and blood vesseles of the posterior crural region(A,B,C)

1. 腓肠肌(外侧头) gastrocnemius (lateral head)
2. 胫神经 tibial n.
3. 腘动脉 popliteal a.
4. 腘静脉 popliteal v.
5. 胫前动脉 anterior tibial a.
6. 胫后动脉 posterior tibial a.
7. 跨长屈肌 flexor hallucis longus
8. 腓动脉 peroneal a.
9. 腓骨长肌 peroneus longus
10. 屈肌支持带 flexor retinaculum
11. 跟腱 tendo calcaneus
12. 胫骨后肌(腱) tibialis posterior (tendon)
13. 趾长屈肌(腱) flexor digitorum longus (tendon)
14. 胫后动脉 posterior tibial a.
15. 胫神经 tibial n.
16. 跨长屈肌(腱) flexor hallucis longus (tendon)
17. 趾长屈肌 flexor digitorum longus
18. 胫骨后肌 tibialis posterior
19. 腓肠肌(内侧头) gastrocnemius (medial head)
20. 大隐静脉 great saphenous v.
21. 外踝 lateral malleolus
22. 跖肌(腱) plantaris (tendon)
23. 比目鱼肌 soleus
24. 跖肌 plantaris

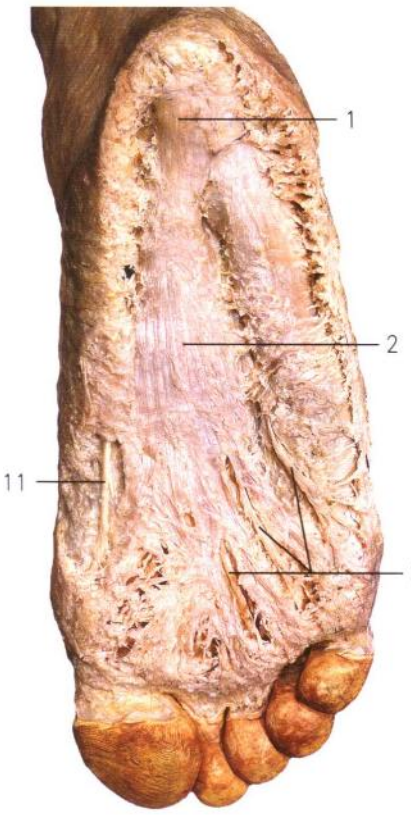


图 83　足底腱膜
Plantar aponeurosis

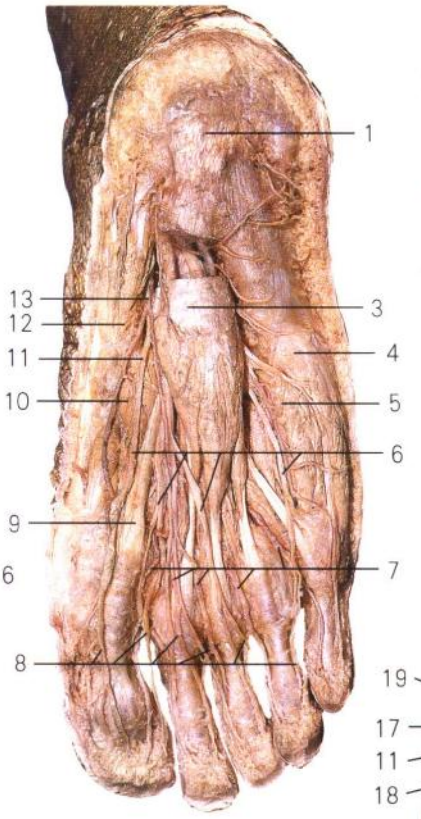


图 84　足底肌、神经和血管(Ⅰ)
Muscles,nerves and blood vesseles of the sole of foot(Ⅰ)

1. 跟骨　calcaneus
2. 足底腱膜　plantar aponeurosis
3. 趾短屈肌　flexor digitorum brevis
4. 小趾展肌　abductor digiti minimi
5. 小趾短屈肌　flexor digiti minimi brevis
6. 趾足底总神经　common plantar digital n.
7. 趾足底总动脉　common plantar digital a.
8. 趾足底固有动脉、神经　proper plantar digital a. & n.
9. 跨长屈肌(腱)　flexor hallucis longus (tendon)
10. 跨短屈肌　flexor hallucis brevis

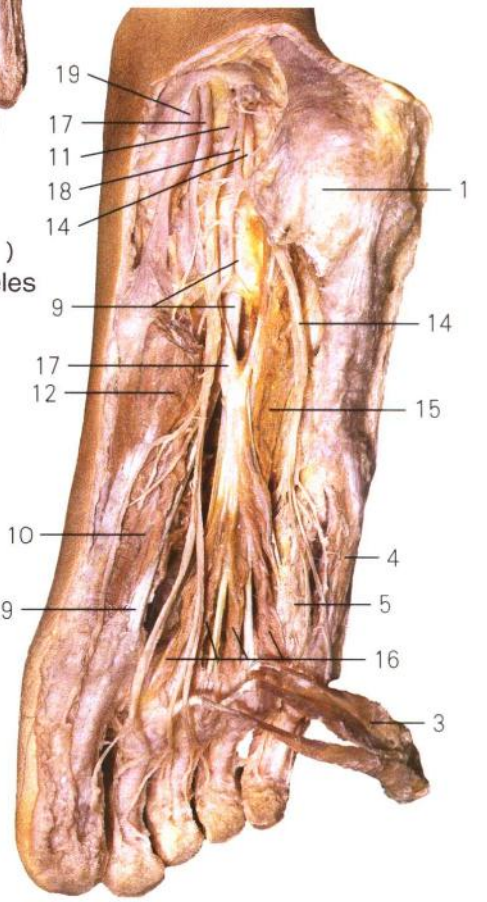


图 85　足底肌、神经和血管(Ⅱ)
Muscles,nerves and blood vesseles of the sole of foot(Ⅱ)

11. 足底内侧神经　medial plantar n.
12. 跨展肌　abductor hallucis
13. 足底内侧动脉　medial plantar a.
14. 足底外侧神经　lateral plantar n.
15. 足底方肌　quadratus plantae
16. 蚓状肌　lumbricales
17. 趾长屈肌(腱)　flexor digitorum longus (tendon)
18. 胫后动脉　posterior tibial a.
19. 胫骨后肌(腱)　tibialis posterior(tendon)

1. 跟腱 tendo calcaneus
2. 跟骨 calcaneus
3. 足底外侧神经 lateral plantar n.
4. 足底外侧动脉 lateral plantar a.
5. 跨长屈肌(腱) flexor hallucis longus (tendon)
6. 足底方肌 quadratus plantae
7. 趾长屈肌(腱)flexor digitorum longus (tendon)
8. 腓骨长肌(腱) peroneus longus (tendon)
9. 跨收肌(斜头) adductor hallucis (oblique head)
10. 小趾展肌 abdoctor digiti minimi
11. 小趾短屈肌 flexor digiti minimi brevis
12. 趾短屈肌 flexor digitorum brevis

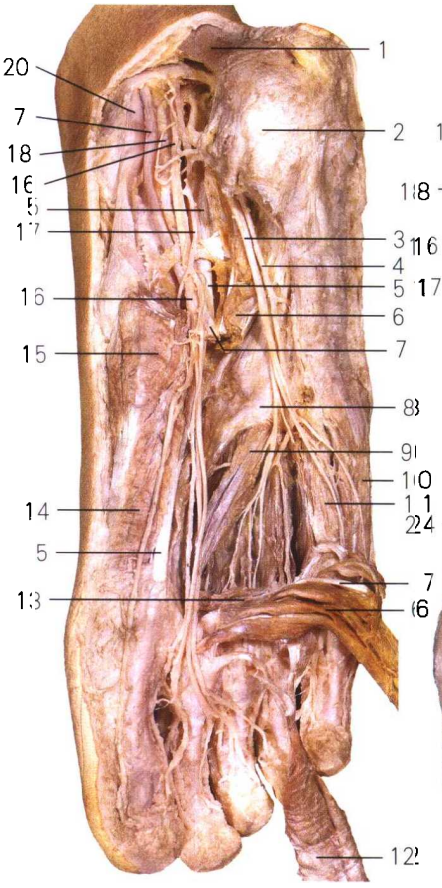


图 86 足底肌、神经和血管(Ⅲ)
Muscles,nerves and blood vesseles of the sole of foot(Ⅲ)

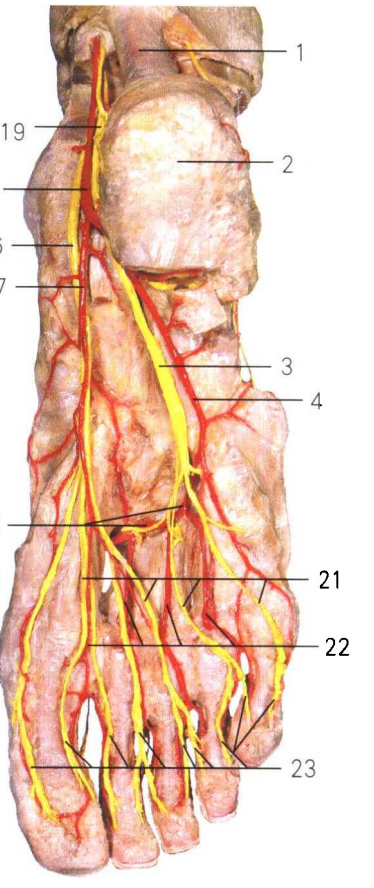


图 87 足底肌、神经和血管(Ⅳ)
Muscles,nerves and blood vesseles of the sole of foot(Ⅳ)

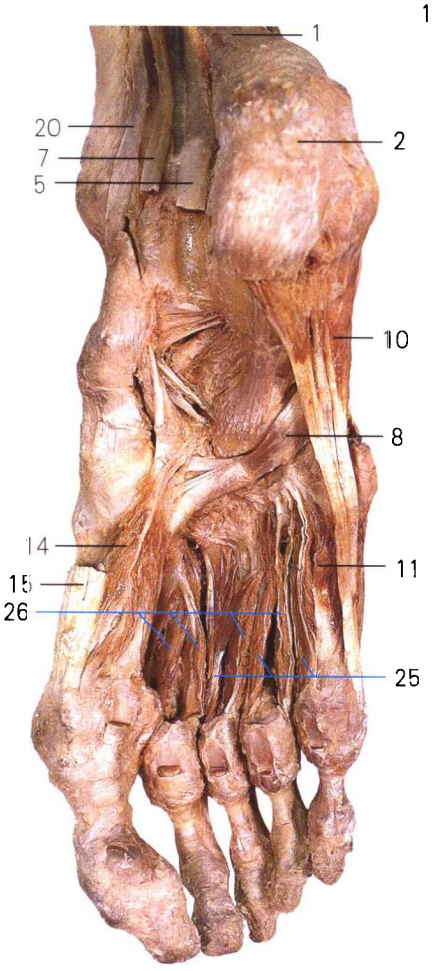
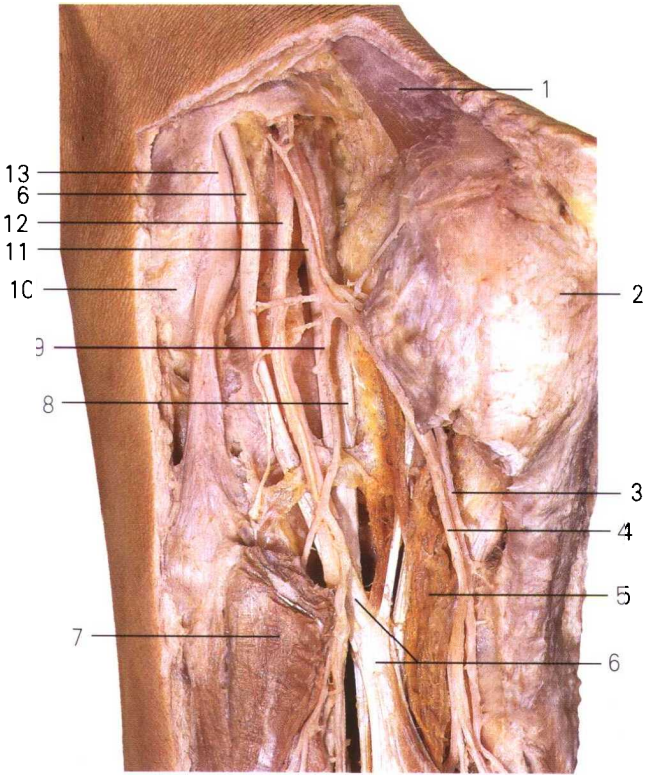


图 88 足底肌
Muscles of the sole of foot

13. 跨收肌(横头) adductor hallucis (transverse head)
14. 跨短屈肌 flexor hallucis brevis
15. 跨展肌 abductor hallucis
16. 足底内侧神经 medial plantar n.
17. 足底内侧动脉 medial plantar a.
18. 胫后动脉 posterior tibial a.
19. 胫神经 tibial n.
20. 胫骨后肌(腱) tibialis pasterior (tendon)
21. 趾足底总神经 common plantar digital n.
22. 趾足底总动脉 common plantar digital a.
23. 趾足底固有神经、动脉 proper plantar digital n. & a.
24. 足底深弓 deep plantar arch
25. 骨间足底肌 plantar interossei
26. 骨间背侧肌 dorsal interossei



1. 跟腱 tendo calcaneus
2. 跟骨 calcaneus
3. 足底外侧动脉 lateral plantar a.
4. 足底外侧神经 lateral plantar n.
5. 足底方肌 quadratus plantae
6. 趾长屈肌(腱) flexor digitorum longus (tendon)
7. 跨展肌 abductor hallucis
8. 跨长屈肌(腱) flexor hallucis longus (fendon)
9. 足底内侧动脉 medial plantar a.
10. 内踝 medal malleolus
11. 胫后动脉 posterior tibial a.
12. 足底内侧神经 medial plantar n.
13. 胫骨后肌(腱) tibialis posterior (tendon)

图 89 踝管
Malleolar canal

1. 胫骨前肌 tibialis anterior
2. 胫骨 tibia
3. 胫前动脉 anterior tibial a.
4. 小腿骨间膜 crural interosseous membrane
5. 胫骨后肌 tibialis posterior
6. 趾长屈肌 flexor digitorum longus
7. 胫神经及胫后动脉 tibial n. and posterior tibial a.
8. 比目鱼肌 soleus
9. 腓肠肌(腱膜) gastrocnemius (aponeurosis)
10. 小隐静脉 small sephenous v.
11. 腓动脉、静脉 peroneal a. & v.
12. 跨长屈肌 flexor hallucis longus
13. 小腿后肌间隔 posterior crural intermuscular septum
14. 腓骨 fibula
15. 腓骨长肌和短肌 peroneus longus and brevis
16. 小腿前肌间隔 anterior crural intermuscular septum
17. 跨长伸肌 extensor hallucis longus
18. 趾长伸肌 extensor digitorum longus

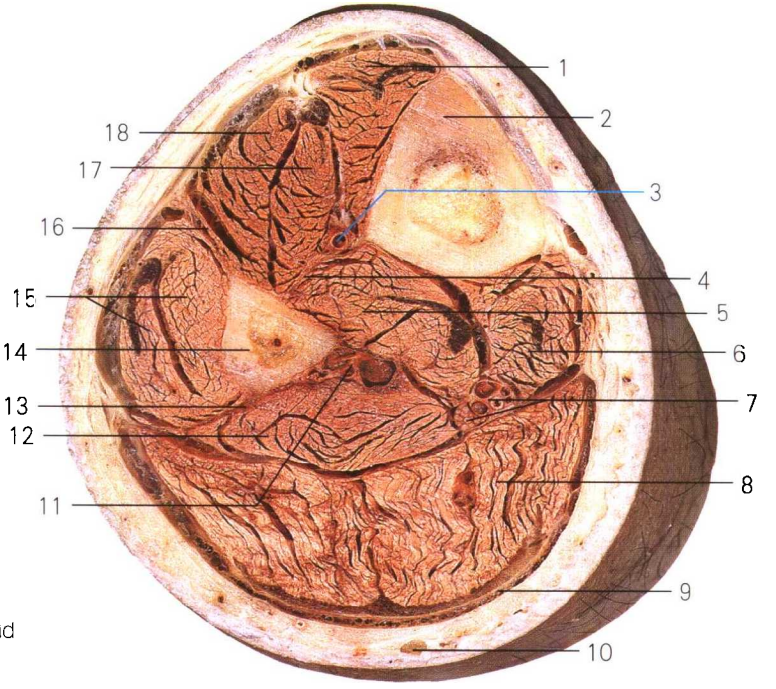


图 90 小腿中部横断面(下面观)
Transverse section through the middle of the leg (inferior aspect)

1. 腓深神经 deep peroneal n.
2. 胫前动脉 anterior tibial a.
3. 胫骨前肌 tibialis anterior
4. 跗长伸肌 extensor hallucis longus
5. 趾长伸肌 extensor digitorum longus
6. 伸肌上支持带 superior extensor retinaculum
7. 腓浅神经 superficial peroneal n.
8. 伸肌下支持带 inferior extensor retinaculum
9. 趾短伸肌 extensor digitorum brevis
10. 第五跖骨粗隆 tuberosity of fifth metatarsal bone
11. 第三腓骨肌(腱) peroneus tertius (tendon)
12. 腓骨短肌(腱) peroneus brevis (tendon)

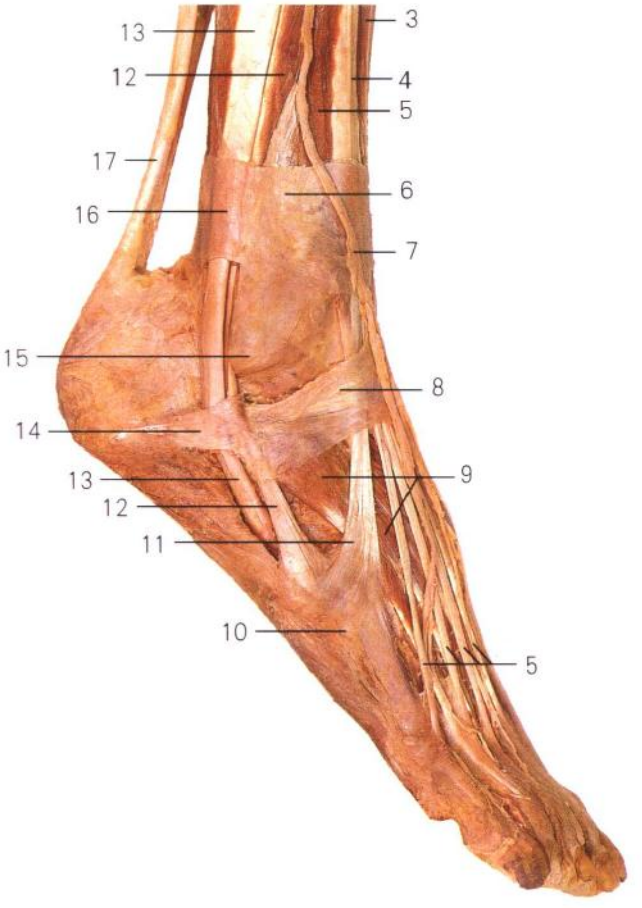


图 92 小腿伸肌支持带和腓骨肌支持带
Extensor retinaculum and peroneal retinaculum of the leg.

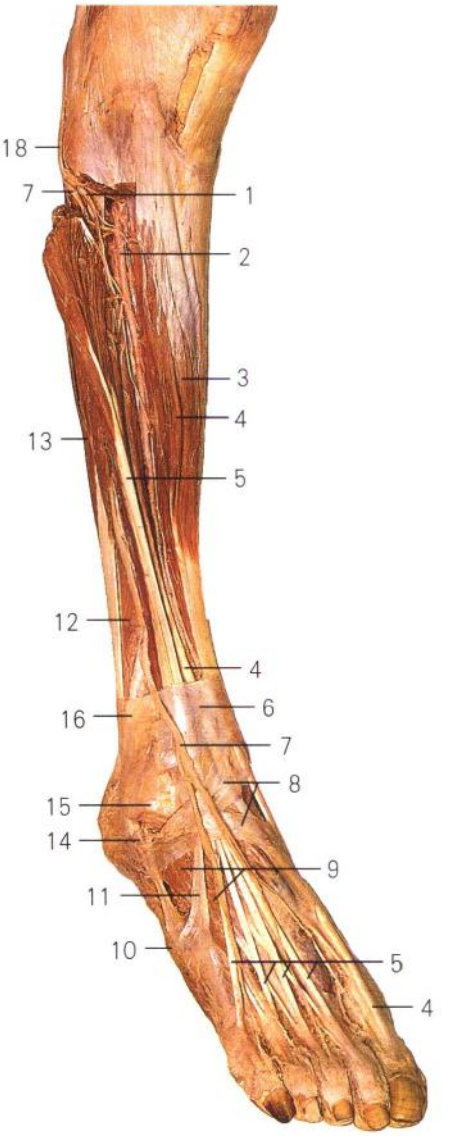


图 91 小腿前外侧区和足背
Anteriolateral crural region and dorsum of foot

13. 腓骨长肌(腱) peroneus longus (tendon)
14. 腓骨肌下支持带 inferior peroneal retinaculum
15. 外踝 lateral malleolus
16. 腓骨肌上支持带 superior peroneal retinaculum
17. 跟腱 tendo calcaneus
18. 腓总神经 common peroneal n.

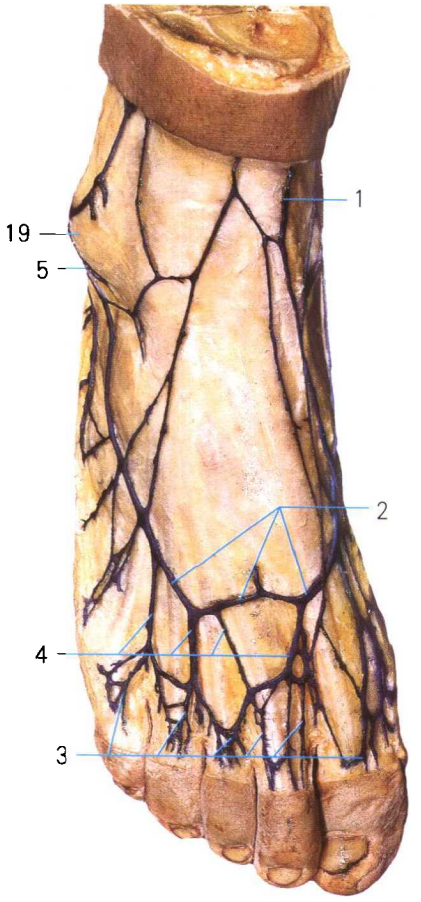


图 93 足背的浅静脉(上面观)
Superficial veins of the dorsum of foot(superior aspect)

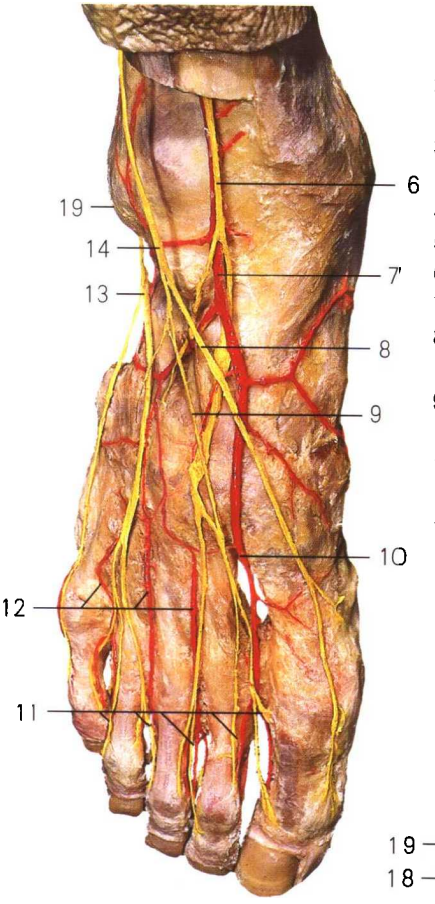


图 94 足背的神经和动脉
Nerves and arteries of the dorsum of foot

1. 大隐静脉 great saphenous v.
2. 足背静脉弓 dorsal venous arch of foot
3. 趾背静脉 dorsal digital v.of foot
4. 跖背静脉 dorsal metatarsal v.
5. 小隐静脉 small saphenous v.
6. 腓深神经 deep peroneal n.
7. 足背动脉 dorsal a.of foot
8. 足背内侧皮神经 medial dorsal cutaneous n.of foot
9. 足背中间皮神经 intermediate dorsal cutaneous n.of foot
10. 第一跖背动脉 first dorsal metatarsal a.
11. 趾背神经和动脉 dorsal digital n.and a.of foot

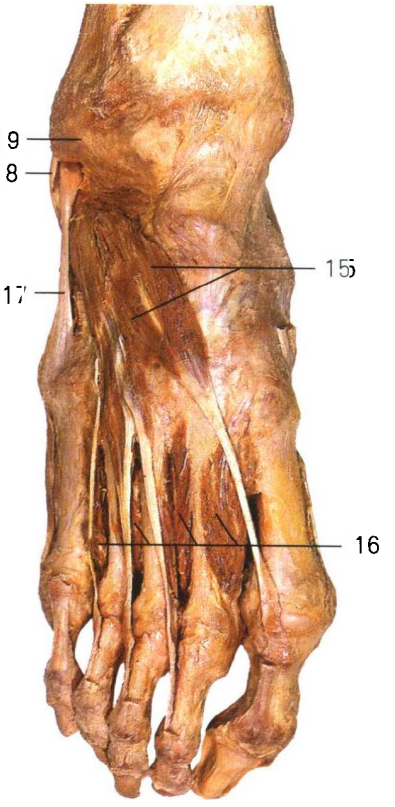


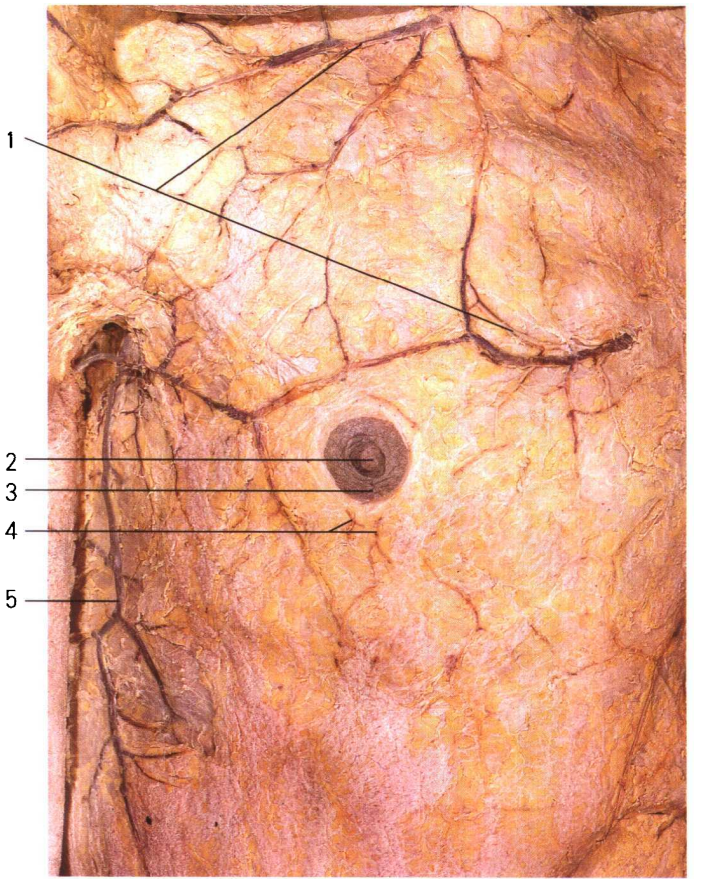
图 95 足肌(上面观)
Muscles of the foot(superior aspect)

12. 跖背动脉 dorsal metatarsal a.
13. 足背外侧皮神经 lateral dorsal cutaneous n. of foot
14. 腓浅神经 superficial peroneal n.
15. 趾短伸肌 extensor digitorum brevis
16. 骨间背侧肌 dorsal interossei
17. 腓骨短肌(腱) peroneus brevis (tendon)
18. 腓骨长肌(腱) peroneus longus (tendon)
19. 外踝 lateral malleolus

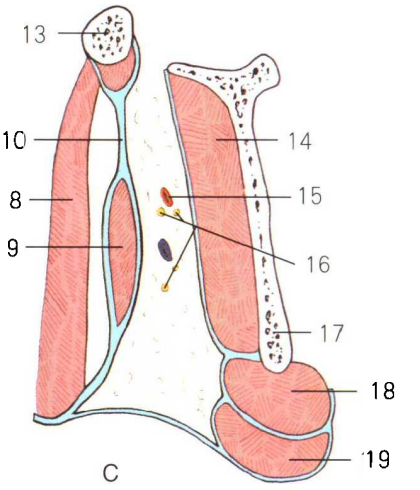
第3章 上肢

CHAPTER 3 THE UPPER LIMB

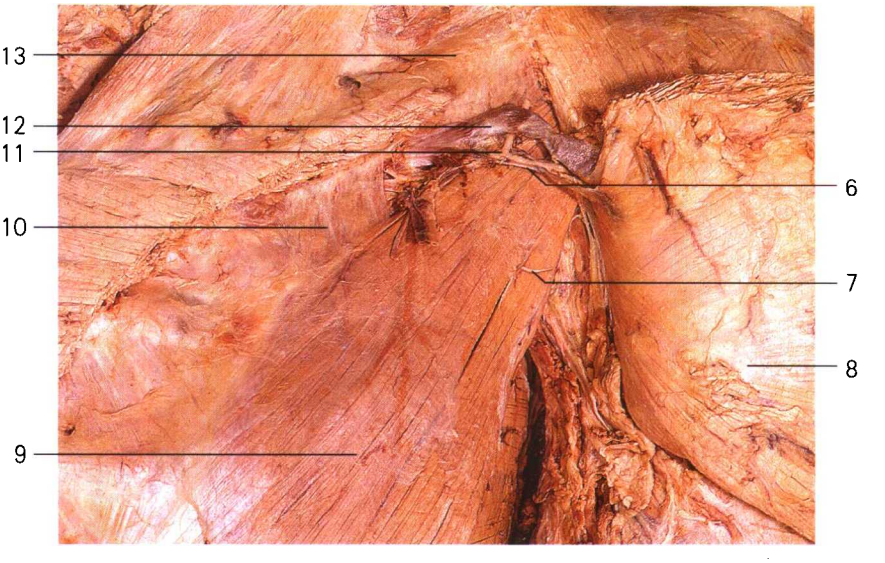




A



1. 穿支 perforating branches
2. 乳头 mammary papilla
3. 乳晕 areola of breast
4. 乳晕静脉丛 areola venous plexus
5. 胸腹壁静脉 thoracoepigastric v.
6. 胸外侧神经 lateral pectoral n.
7. 胸内侧神经 medial pectoral n.
8. 胸大肌 pectoralis major
9. 胸小肌 pectoralis minor
10. 锁胸筋膜 clavipectoral fascia
11. 胸肩峰动脉 thoracoacromial a.



B

12. 头静脉 cephalic v.
13. 锁骨 clavicle
14. 肩胛下肌 subscapularis
15. 腋动脉 axillary a.
16. 臂丛 brachial plexus
17. 肩胛骨 scapula
18. 小圆肌 teres minor
19. 大圆肌 teres major

图 96 腋窝前壁 (A、B、C)
Anterior wall of the axillary fossa (A,B,C)

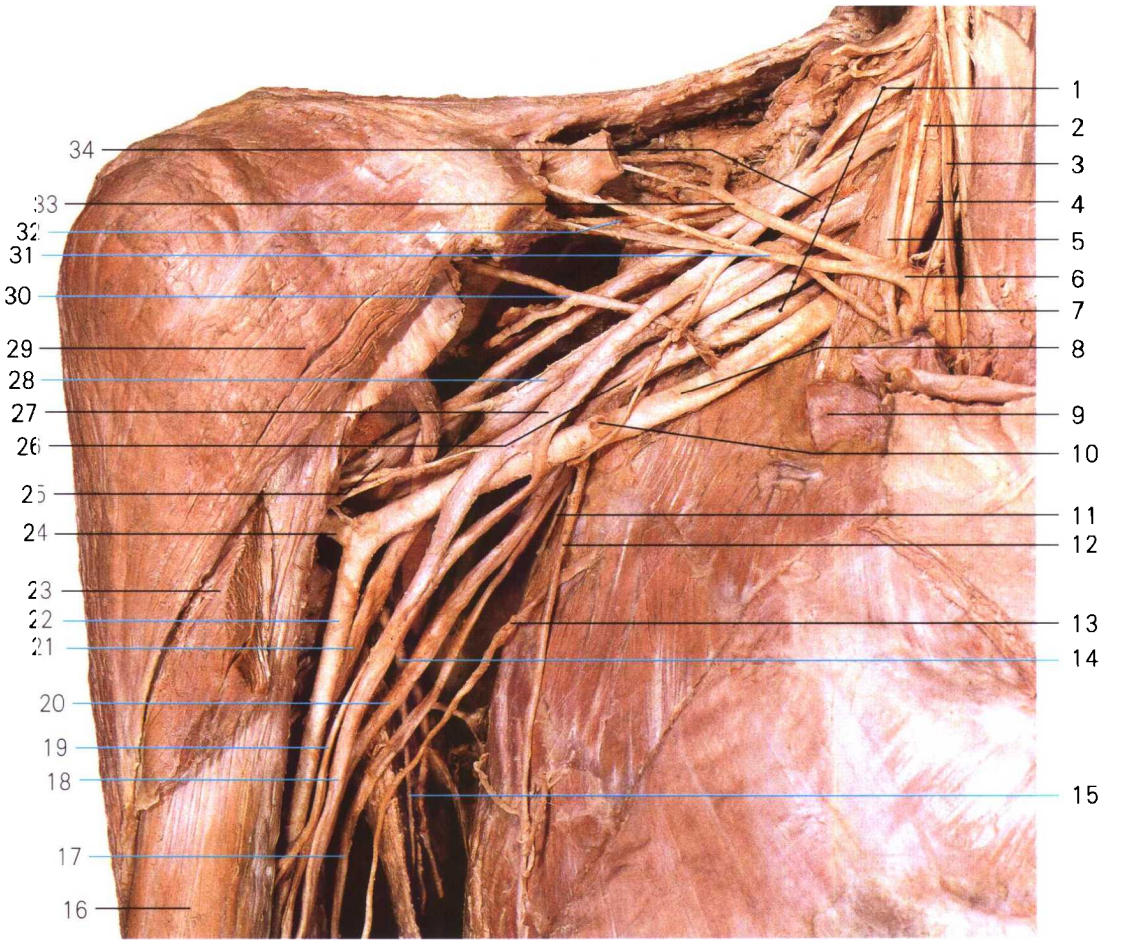


图 97 腋窝的血管和神经(Ⅰ)
Blood vessels and nerves of the axillary fossa (Ⅰ)

1. 臂丛根 roots of the brachial flexus
2. 颈升动脉 ascending cervical a.
3. 迷走神经 vagus n.
4. 前斜角肌 scalenus anterior
5. 膈神经 phrenic n.
6. 甲状颈干 thyrocervical trunk
7. 锁骨下动脉 subclavian a.
8. 腋动脉 axillary a.
9. 锁骨下静脉 subclavian v.
10. 胸肩峰动脉 thoracoacromil a.
11. 胸长神经 long thoracic n.
12. 胸外侧动脉 lateral thoracic a.
13. 肋间臂神经 intercostobrachial n.
14. 胸背动脉 thoracodorsal a.
15. 胸背神经 thoracodorsal n.
16. 肱二头肌 biceps brachii
17. 前臂内侧皮神经 medial antebrachial cutaneous n.
18. 正中神经 median n.
19. 肌皮神经 musculocutaneous n.
20. 尺神经 ulnar n.
21. 桡神经 radial n.
22. 肱动脉 brachial a.
23. 胸大肌 pectoralis major
24. 旋肱后动脉 posterior humoral circumflex a.
25. 腋神经 axillary n.
26. 臂丛内侧束 medial cord of brachial plexus
27. 臂丛外侧束 lateral cord of brachial plexus
28. 臂丛后束 posterior cord of brachial plexus
29. 三角肌 deltoid
30. 三角肌支 branch of deltoid
31. 肩胛上动脉 suprascapular a.
32. 肩胛上神经 suprascapular n.
33. 颈横动脉 transverse cervical a.
34. 中斜角肌 scalenus medius

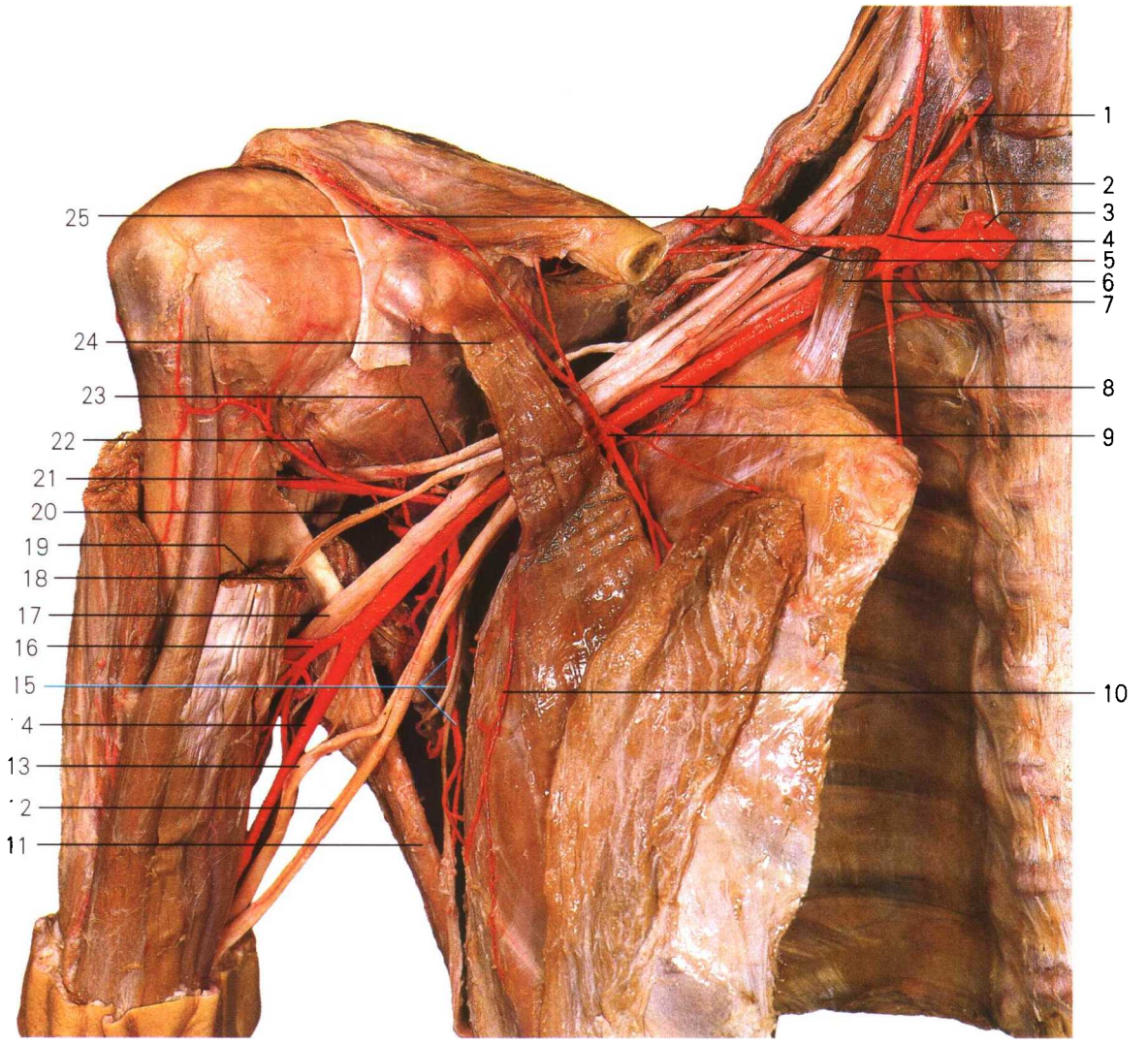
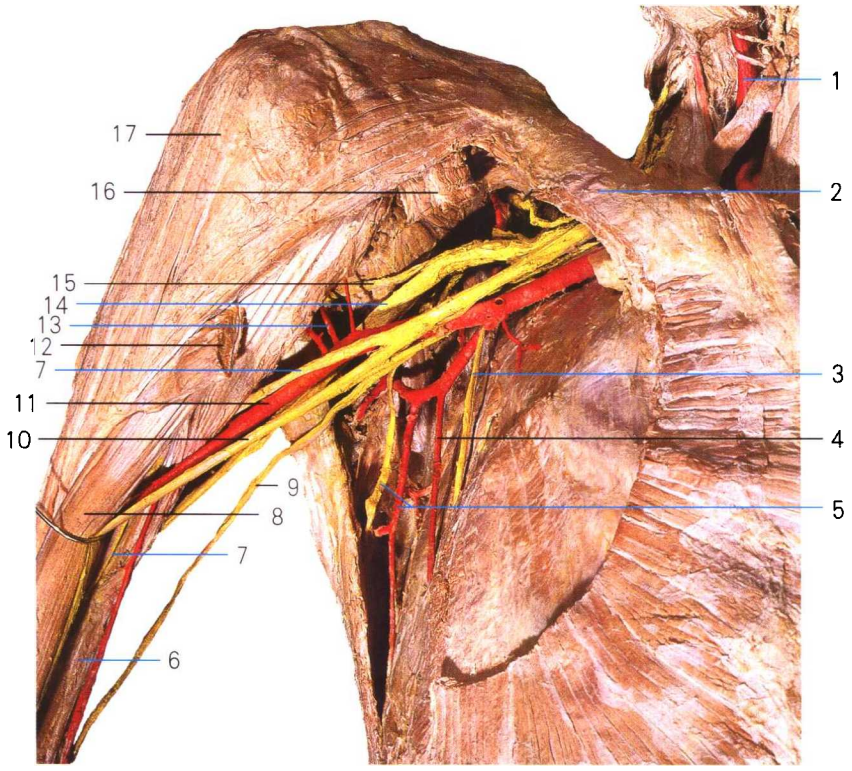


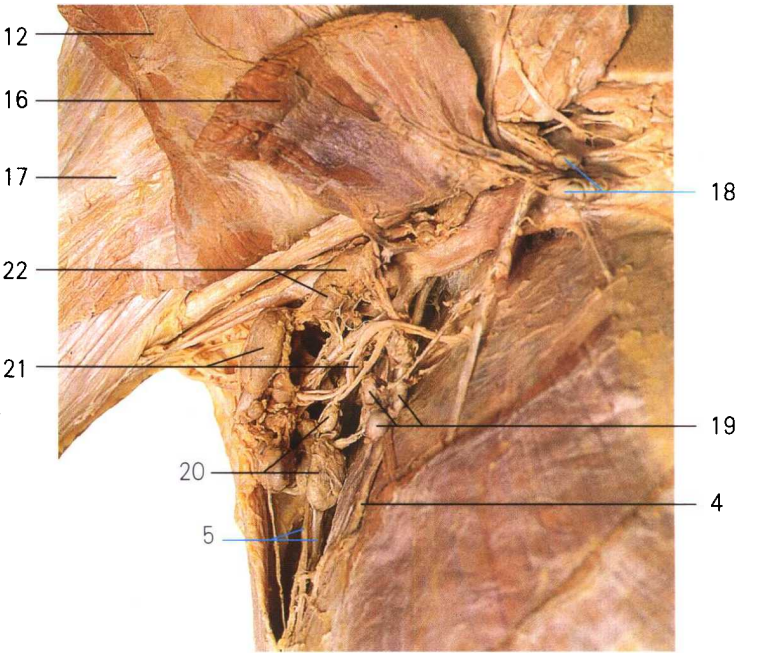
图 98　腋窝的血管和神经(Ⅱ)
Blood vessels and nerves of the axillary fossa(Ⅱ)

1. 甲状腺下动脉　inferior thyroid a.
2. 椎动脉　vertebral a.
3. 锁骨下动脉　subclavian a.
4. 甲状颈干　thyrocervical trunk
5. 肩胛上动脉　suprascapular a.
6. 前斜角肌　scalenus anterior
7. 胸廓内动脉　internal thoracic a.
8. 腋动脉　axillary a.
9. 胸肩峰动脉　thoracoacromial a.
10. 胸外侧动脉　lateral thoracic a.
11. 背阔肌　latissimus dorsi
12. 正中神经　median n.
13. 尺神经　ulnar n.
14. 肱动脉　brachial a.
15. 胸背动脉和胸背神经　thoracodorsal a.and n.
16. 肱深动脉　deep brachial a.
17. 桡神经　radial n.
18. 喙肱肌　coracobrachialis
19. 肱二头肌　biceps brachii
20. 肌皮神经　musculocutaneous n.
21. 旋肱后动脉　posterior humeral circumflex a.
22. 旋肱前动脉　anterior humeral circumflex a.
23. 腋神经　axillary n.
24. 胸小肌　pectoralis minor
25. 颈浅动脉与肩胛提肌　superficial cervical a.and levator scapulae



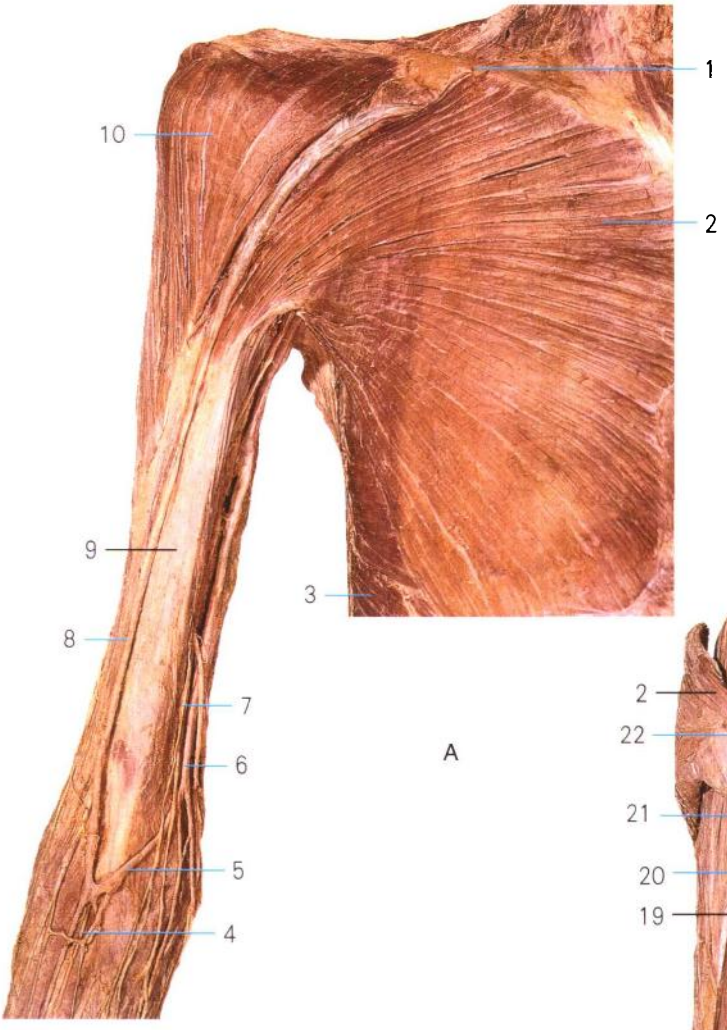
1. 颈总动脉 common carotid a.
2. 锁骨 clavicle
3. 胸长神经 long thoracic n.
4. 胸外侧动脉 lateral thoracic a.
5. 胸背动脉和神经 thoracodorsal a.and n.
6. 肱肌 brachialis
7. 肌皮神经 musculocutaneous n.
8. 肱二头肌 biceps brachii
9. 尺神经 ulnar n.
10. 正中神经 median n.
11. 肱动脉 brachial a.
12. 胸大肌 pectoralis major
13. 旋肱后动脉 posterior humeral circumflex a.
14. 桡神经 radial n.

图 99 腋窝的血管和神经(Ⅲ)
Blood vessels and nerves of the axillary fossa(Ⅲ)

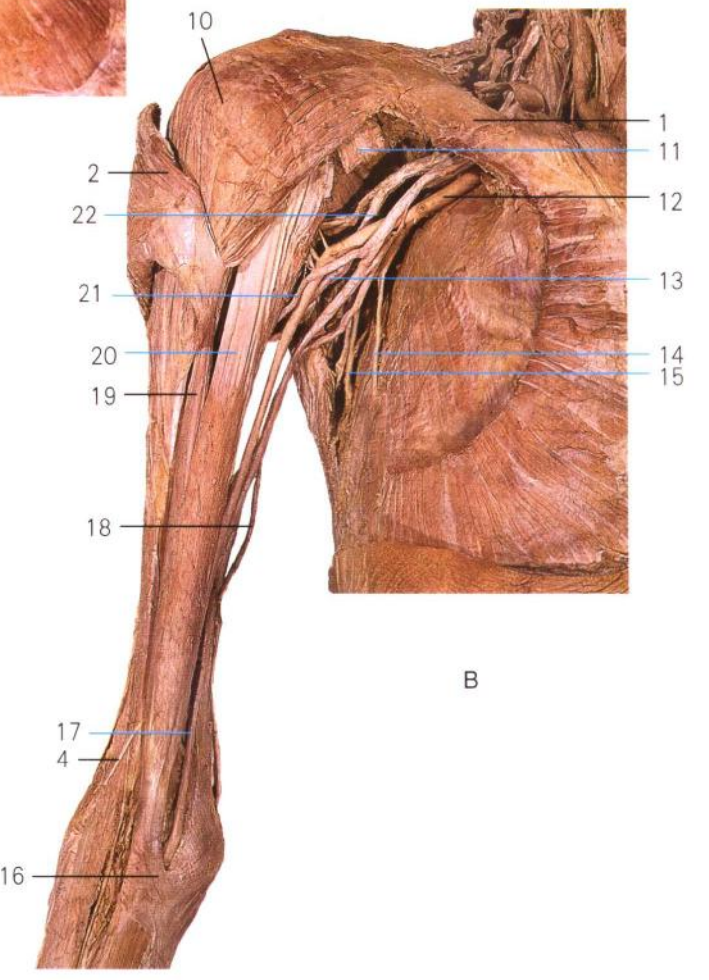


15. 腋神经 axillary n.
16. 胸小肌 pectoralis minor
17. 三角肌 deltoid
18. 尖淋巴结 apical lymph nodes
19. 胸肌淋巴结 pectoral lymph nodes
20. 肩胛下淋巴结 subscapular lymph nodes
21. 中央淋巴结 central lymph nodes
22. 外侧淋巴结 lateral lymph nodes

图 100 腋淋巴结
Axillary lymph nodes

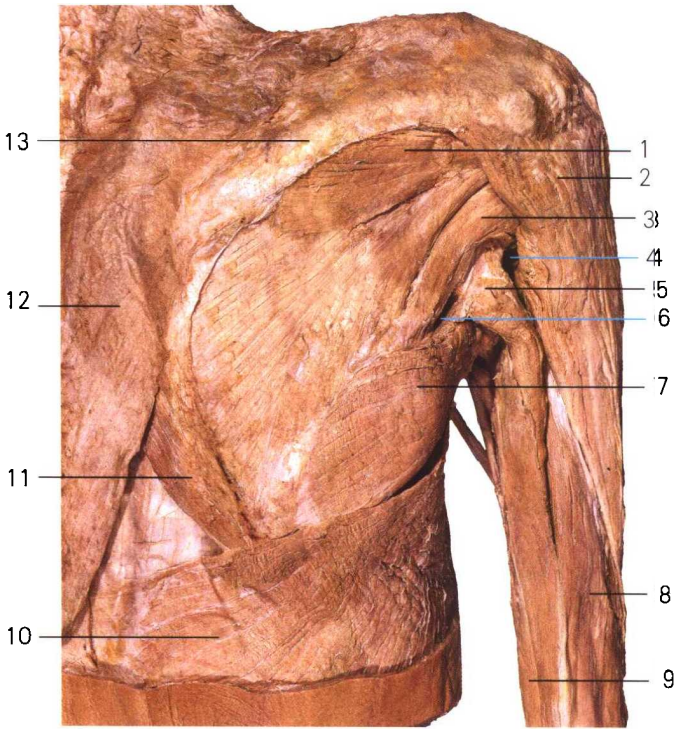


1. 锁骨 clavicle
2. 胸大肌 pectoralis major
3. 前锯肌 serratus anterior
4. 前臂外侧皮神经 lateral antebrachial cutaneous n.
5. 肘正中静脉 median cubital v.
6. 贵要静脉 basilic v.
7. 前臂内侧皮神经 medial antebrachial cutaneous n.
8. 头静脉 cephalic v.



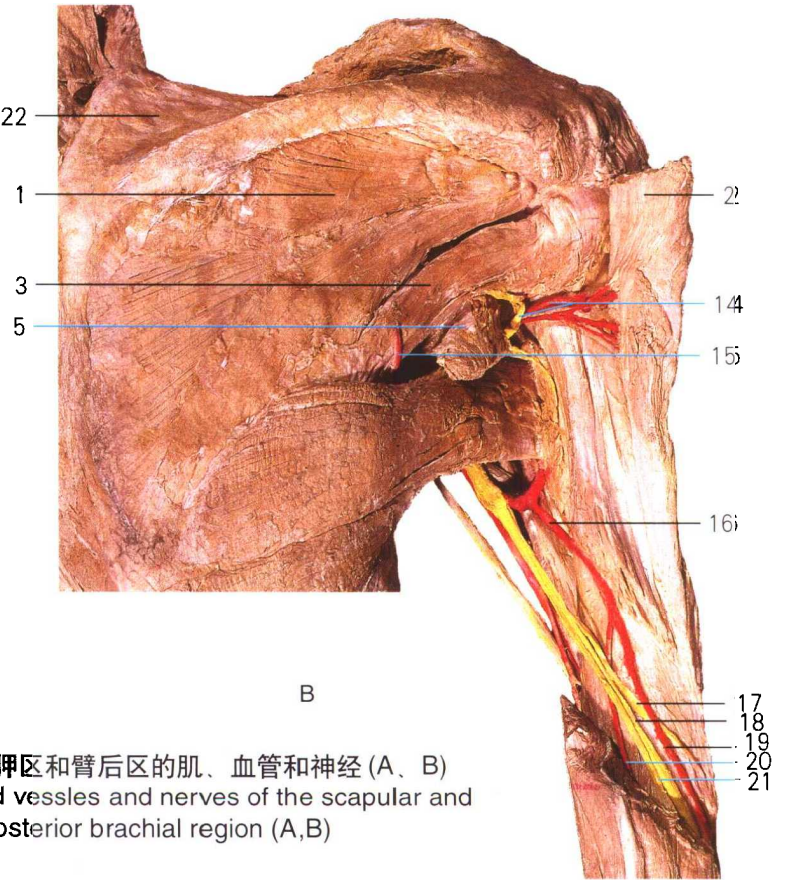
9. 肱二头肌 biceps brachii
10. 三角肌 deltoid
11. 胸小肌 pectoralis minor
12. 腋动脉 axillary a.
13. 桡神经 radial n.
14. 胸外侧动脉 Lateral thoracic a.
15. 胸背动脉 thoracodorsal a.
16. 肱二头肌腱膜 bicipital aponeurosis
17. 正中神经 median n.
18. 尺神经 ulnar n.
19. 肱二头肌长头 long head of biceps brachii
20. 肱二头肌短头 short head of biceps brachii
21. 肌皮神经 musculocutaneous n.
22. 腋神经 axillary n.

图 101 肩和臂前面的肌、血管和神经 (A、B)
Muscles,blood vessels and nerves of the anterior aspect of the shoulder and upper arm (A,B)



A

1. 冈下肌 infraspinatus
2. 三角肌 deltoid
3. 小圆肌 teres minor
4. 四边孔 foramen quadrilaterum
5. 肱三头肌长头 long head of triceps brachii
6. 二边孔 foramen trilaterum
7. 大圆肌 teres major
8. 肱三头肌外侧头 lateral head of triceps brachii
9. 肱三头肌内侧头 medial head of triceps brachii
10. 背阔肌 latissimus dorsi
11. 菱形肌 rhomboideus
12. 斜方肌 trapezius
13. 肩胛冈 spine of scapula
14. 腋神经和旋肱后动脉 axillary n.and posterior humeral circumflex a.



B

15. 旋肩胛动脉 circumflex scapular a.
16. 肱深动脉 deep brachii a.
17. 前臂后皮神经 posterior cutaneous nerve of the forearm
18. 桡神经 radial n.
19. 桡侧副动脉 radial collateral a.
20. 中副动脉 middle collateral a.
21. 桡神经后肌支 posterior muscular branch of radial n.
22. 冈上肌 supraspinatus

图 102 肩胛区和臂后区的肌、血管和神经 (A、B)
Muscles,blood vessles and nerves of the scapular and posterior brachial region (A,B)

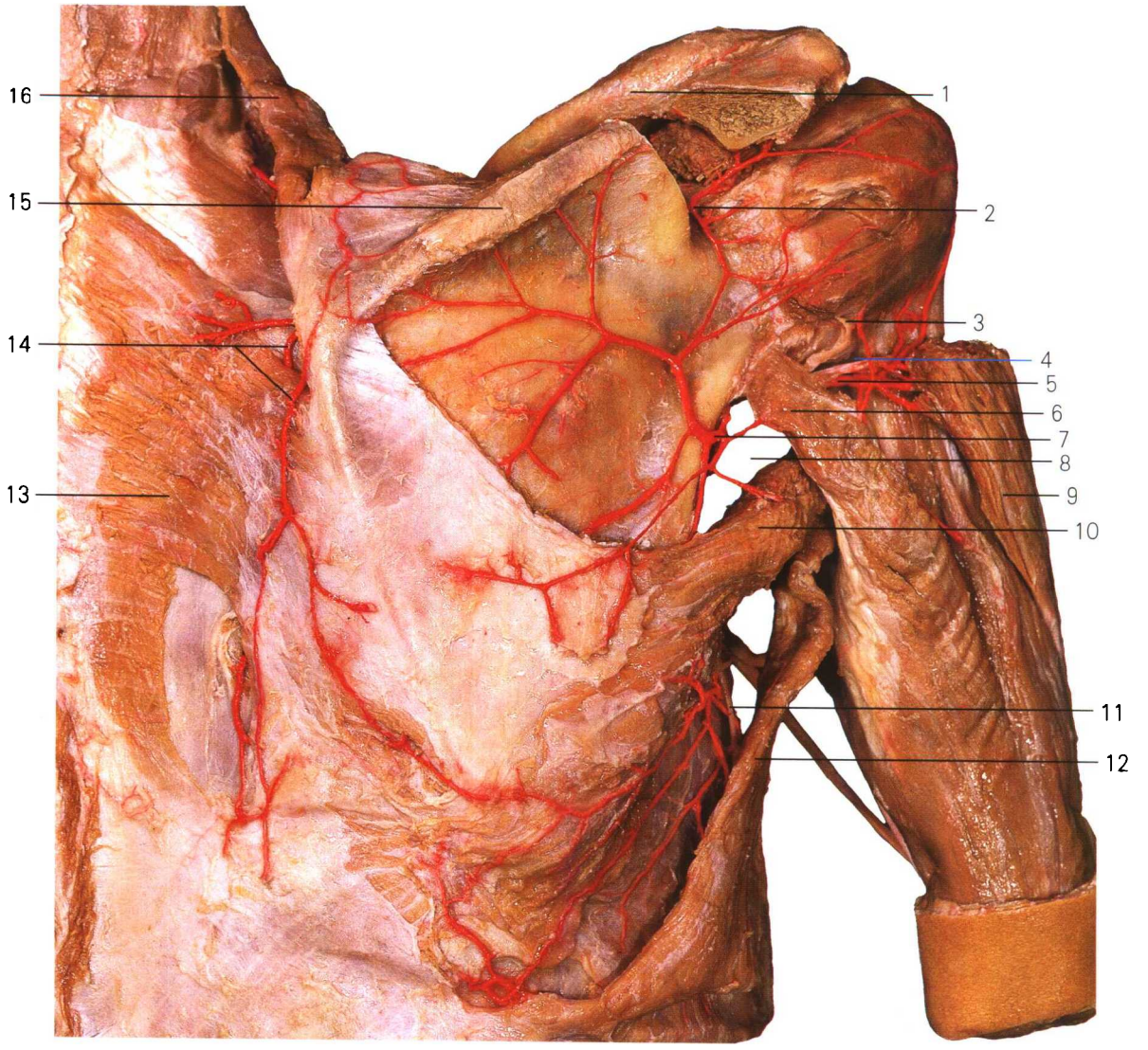


图 103　肩胛区动脉
Arteries of the scapular region

1. 锁骨　clavicle
2. 肩胛上动脉　suprascapular a.
3. 腋神经　axillary n.
4. 四边孔　foramen qudrilaterum
5. 旋肱后动脉　posterior humeral circumflex a.
6. 肱三头肌长头　long head of triceps brachii
7. 旋肩胛动脉　circumflex scapular a.
8. 三边孔　foramen trilaterum
9. 三角肌　deltoid
10. 大圆肌　teres major
11. 胸背神经　thoracodorsal n.
12. 背阔肌　latissimus dorsi
13. 菱形肌　rhomboideus
14. 肩胛背动脉　dorsal scapular a.
15. 肩胛冈　spine of scapula
16. 肩胛提肌　levator scapulae

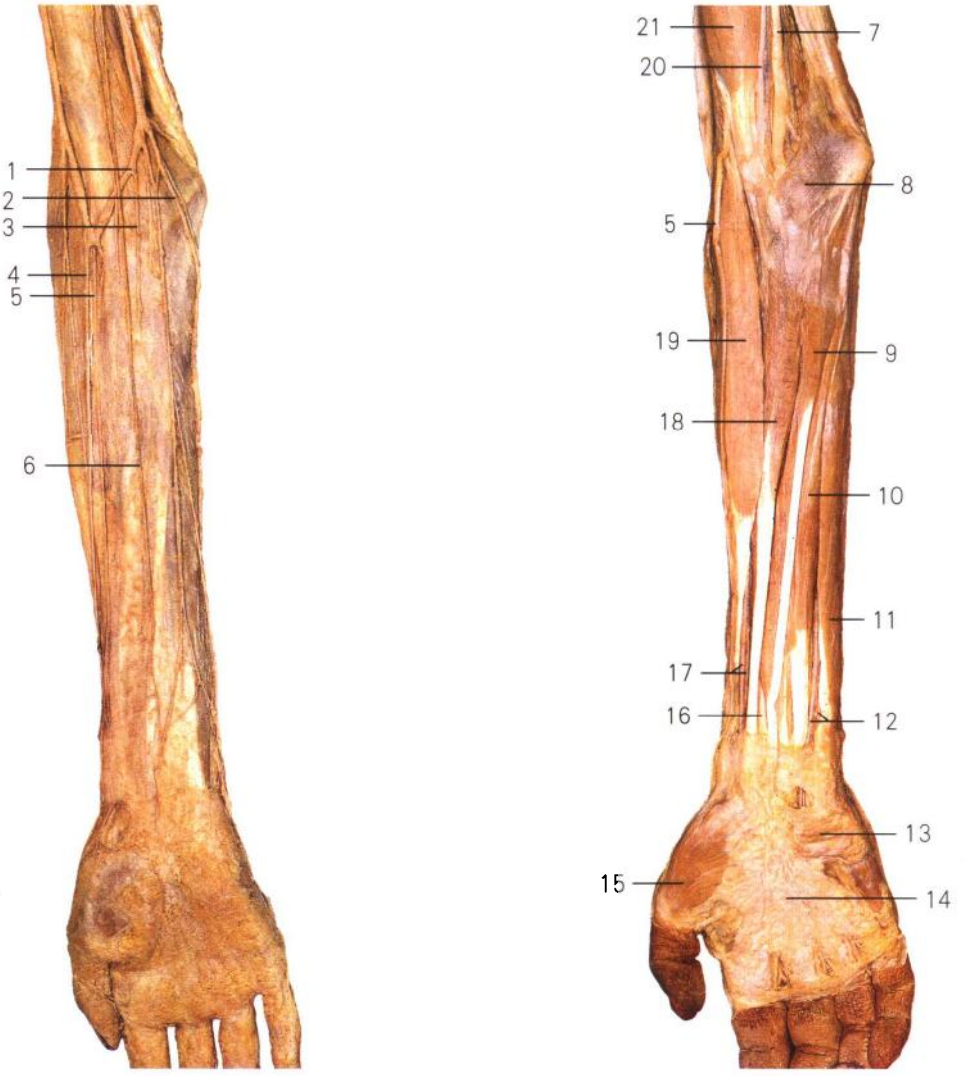
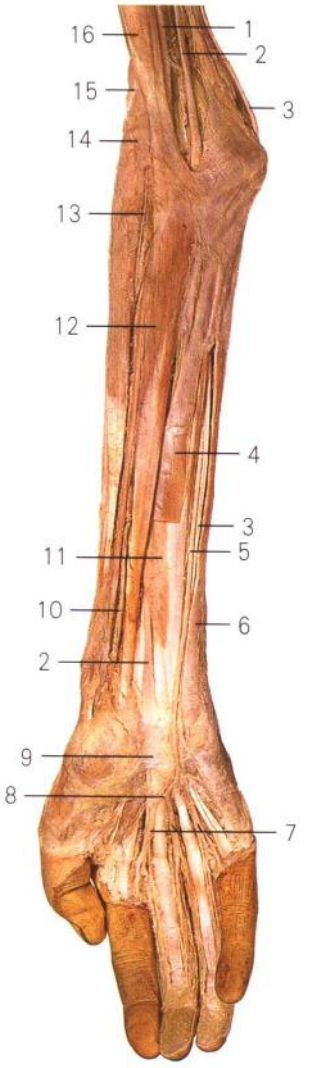


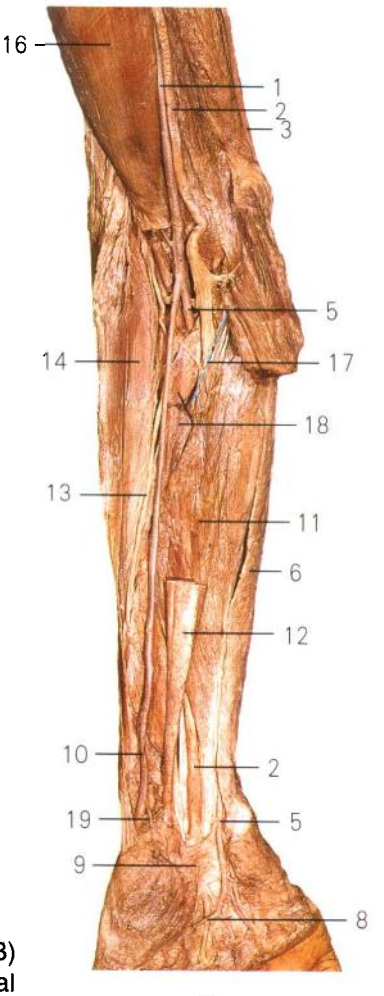
图 104 肘前区和前臂前区的肌、血管及神经(Ⅰ)(A、B)
Muscles,blood vessels and nerves of the anterior cubital region and anterior anterbrachial region (Ⅰ)(A,B)

1. 肘正中静脉 median cubital v.
2. 贵要静脉 basilic v.
3. 前臂正中静脉 median antebrachial v.
4. 头静脉 cephalic v.
5. 前臂外侧皮神经 lateral antebrachial cutaneous n.
6. 前臂内侧皮神经 medial antebrachial cutaneous n.
7. 正中神经 median n.
8. 旋前圆肌 pronator teres
9. 掌长肌 palmaris longus
10. 指浅屈肌 flexor digitorum superficial
11. 尺侧腕屈肌 flexor carpi ulnaris
12. 尺动脉和尺静脉 ulnar a.and v.
13. 掌短肌 palmaris brevis
14. 掌腱膜 palmar aponeurosis
15. 拇短展肌 abductor pollicis brevis
16. 正中神经 median n.
17. 桡动脉和静脉 radial a.and v.
18. 桡侧腕屈肌 flexor carpi radialis
19. 肱桡肌 brachioradialis
20. 肱动脉 brachial a.
21. 肱二头肌 biceps brachii



A

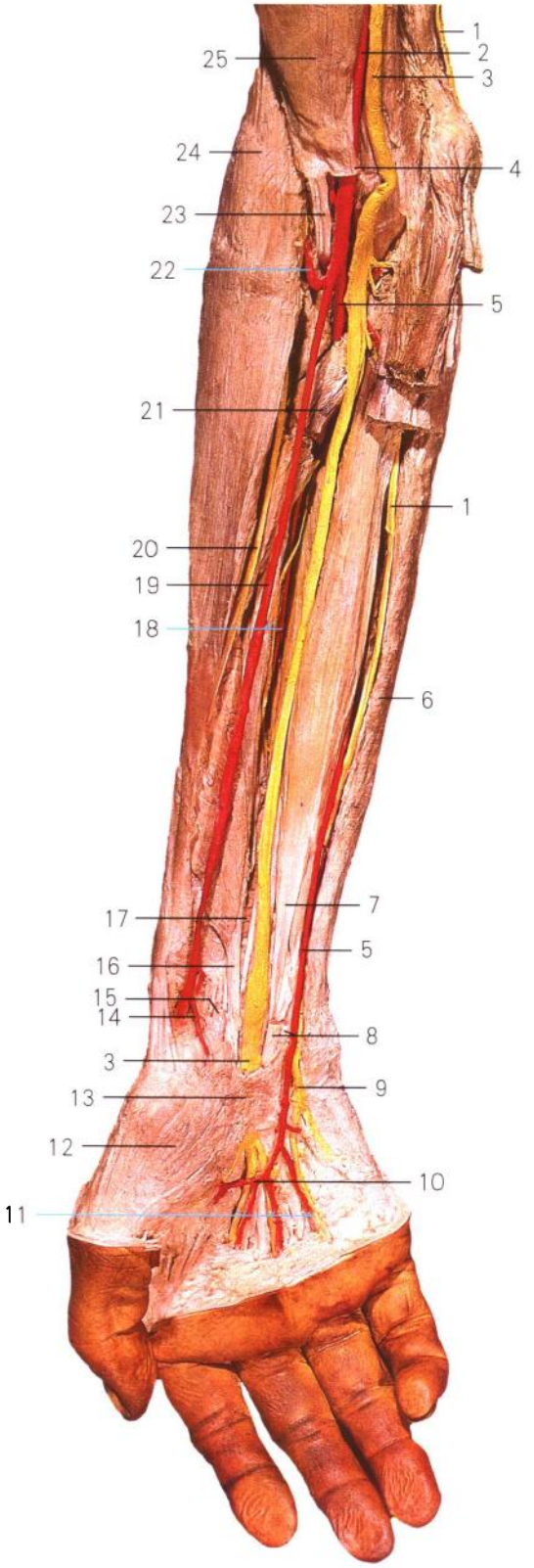
1. 肱动脉 brachial a.
2. 正中神经 median n.
3. 尺神经 ulnar n.
4. 掌长肌 palmaris longus
5. 尺动脉 ulnar a.
6. 尺侧腕屈肌 flexor carpi ulnaris
7. 指掌侧总动脉和神经 common palmar digital a.and n.
8. 掌浅弓 superficial palmar arch
9. 屈肌支持带 flexor retinaculum
10. 桡动脉 radial a.
11. 指浅屈肌 flexor digitorum superficial
12. 桡侧腕屈肌 flexor carpi radialis
13. 桡神经浅支 superficial branch of radial n.



B

14. 肱桡肌 brachioradialis
15. 前臂外侧皮神经 lateral antebrachial cutaneous n.
16. 肱二头肌 biceps brachii
17. 指浅屈肌腱弓 tendinous arch of flexor digitorum superficialis
18. 旋前圆肌 pronator teres
19. 掌浅支 superficial palmar branch of radial a.

图 105 肘前区和前臂前区的肌、血管及神经(Ⅱ)(A、B)
Muscles,blood vessels and nerves of the anterior cubital region and anterior antebrachial region (Ⅱ)(A,B)



1. 尺神经 ulnar n.
2. 肱动脉 brachial a.
3. 正中神经 median n.
4. 肱二头肌腱膜 bicipital aponeurosis
5. 尺动脉 ulnar a.
6. 尺侧腕屈肌 flexor carpi ulnaris
7. 指深屈肌 flexor digitorum profundus
8. 指浅屈肌腱 tendon of the flexor digitorum superficialis
9. 尺神经浅支 superficial branch of ulnar n.
10. 掌浅弓 superficial palmar arch
11. 指掌侧总动脉及神经 common palmar digital a.and n.
12. 拇短展肌 abductor pollicis brevis
13. 屈肌支持带 flexor retinaculum
14. 桡动脉掌浅支 superficial palmar branch of radial a.
15. 桡侧腕屈肌腱 tendon of flexor carpi radialis
16. 拇长屈肌腱 tendon of flexor pollicis longus
17. 旋前方肌 pronator quadratus
18. 骨间前动脉和神经 interosseus anterior a.and n.
19. 桡动脉 radial a.
20. 桡神经浅支 superficial branch of radial n.
21. 旋前圆肌 pronator teres
22. 桡侧返动脉 radial recurrent a.
23. 肱二头肌腱 tendon of biceps brachii
24. 肱桡肌 brachioradialis
25. 肱二头肌 biceps brachii

图 106 肘前区和前臂前区的肌、血管及神经(Ⅲ)
Muscles,blood vessels and nerves of the anterior cubital region and anterior antebrachial region(Ⅲ)

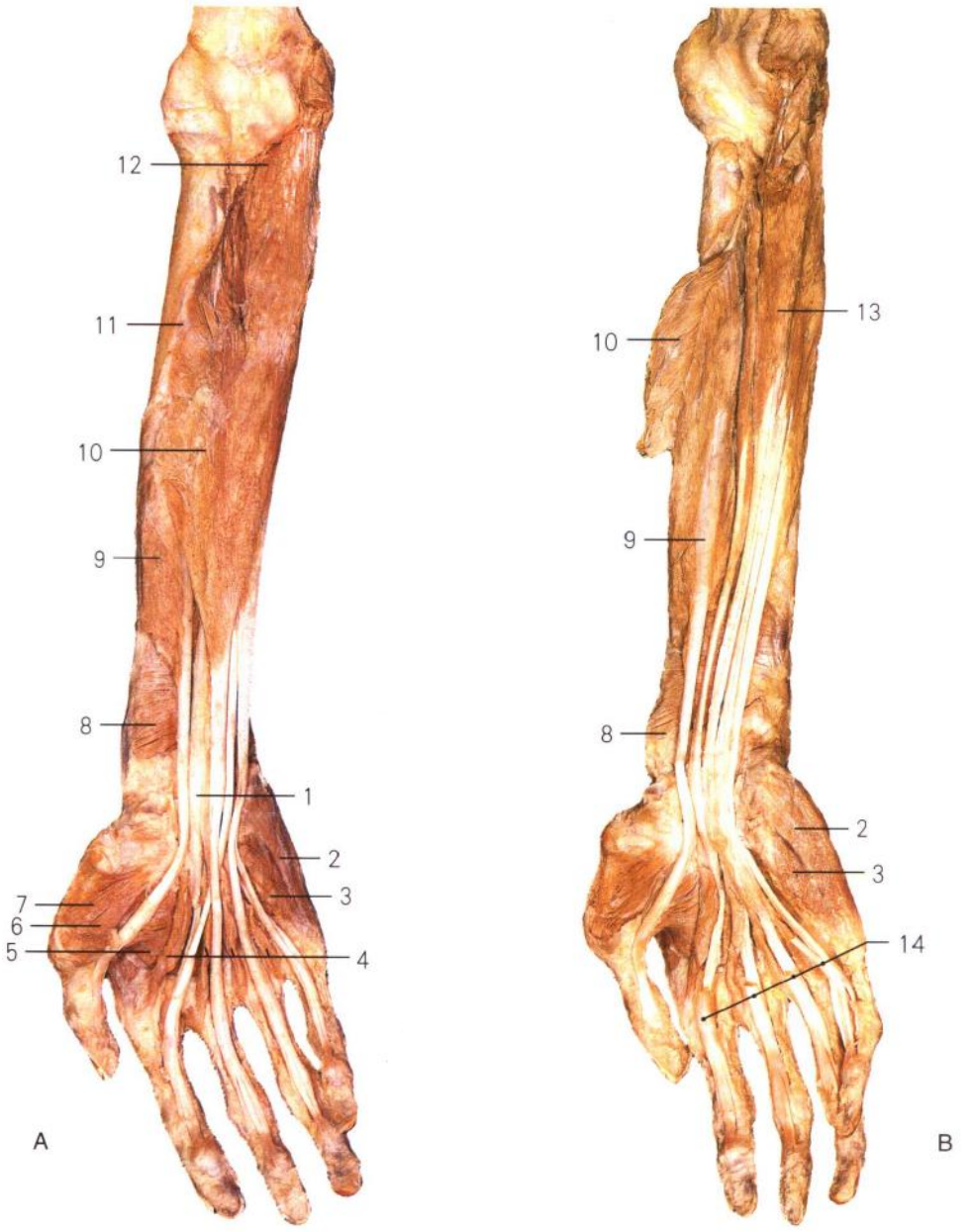


图 107　前臂前区的肌 (A、B)
Muscles of the anterior antebrachial region (A,B)

1. 指深屈肌腱　tendon of flexor digitorum profundus
2. 小指展肌　abductor digiti minimi
3. 小指短屈肌　flexor digiti minimi brevis
4. 蚓状肌　lumbricales
5. 拇收肌　adductor pollicis
6. 拇短屈肌　flexor pollicis brevis
7. 拇对掌肌　opponens pollicis
8. 旋前方肌　pronator quadatus
9. 拇长屈肌　flexor pollicis longus
10. 指浅屈肌　flexor digitorum superficialis
11. 指浅屈肌桡头　radial head of flexor digitorum superficialis
12. 指浅屈肌肱尺头　humeroulnar head of flexor digitorum superficialis
13. 指深屈肌　flexor digitorum profundus
14. 指浅屈肌腱　tendons of flexor digitorum superficialis

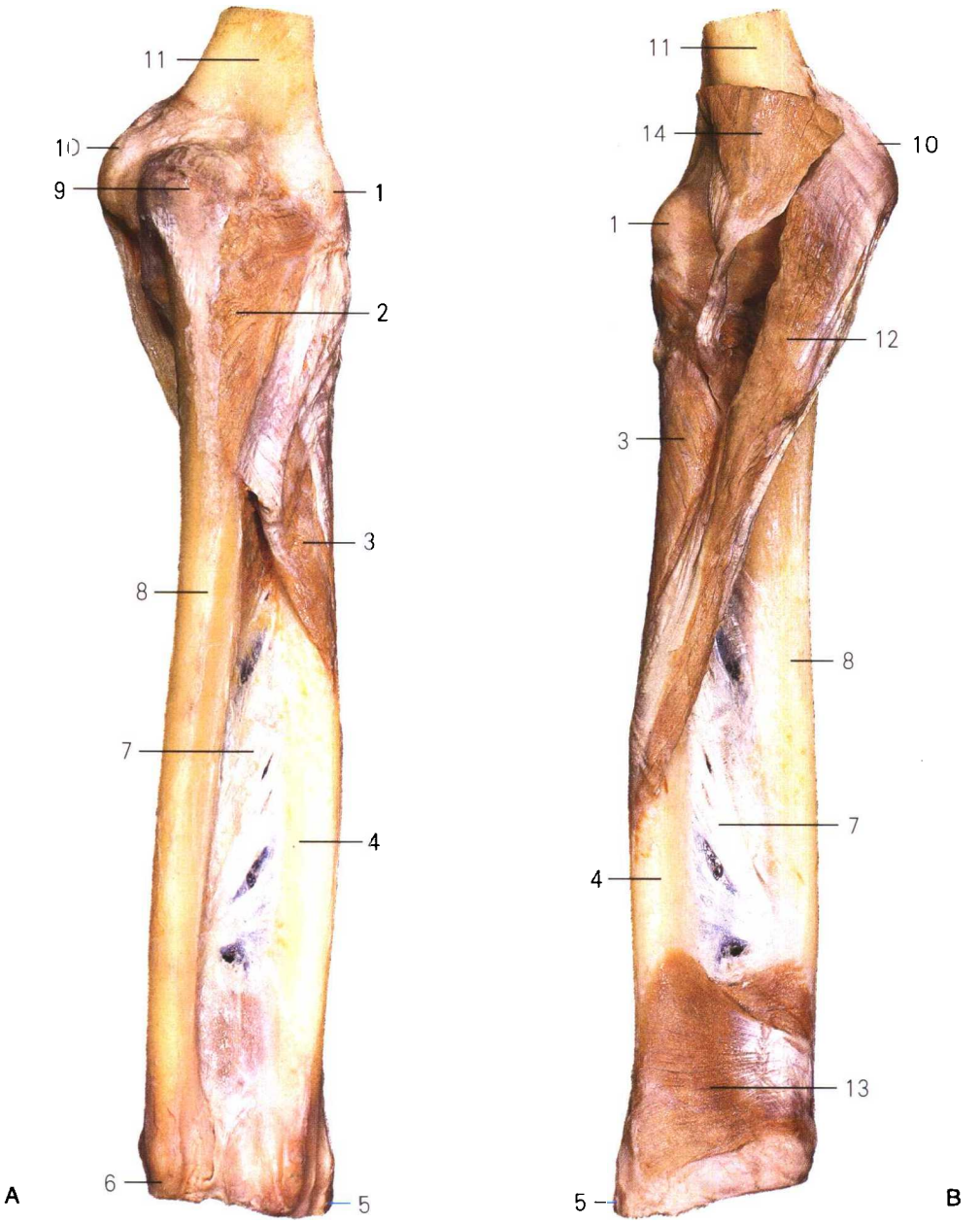
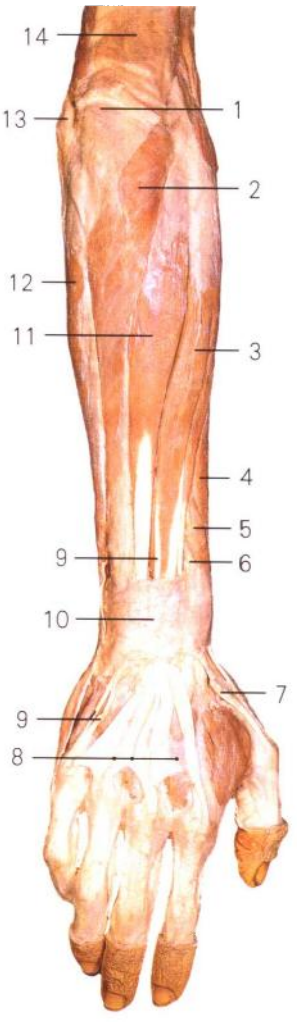
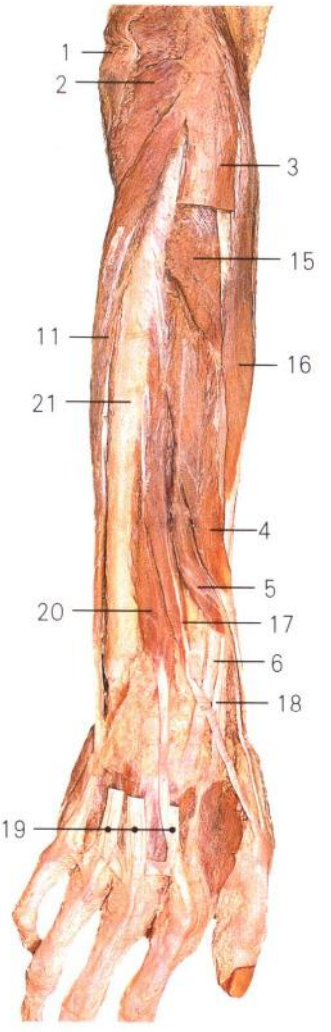


图 108 旋前和旋后的肌(A. 后面观，B. 前面观)
Muscles of the pronation and supination (A.posterior aspect,B.anterior aspect)

1. 肱骨外上髁 lateral epicondyle of humerus
2. 肘肌 anconeus
3. 旋后肌 supinator
4. 桡骨 radius
5. 桡骨茎突 styloid process of radius
6. 尺骨茎突 styloid process of ulnar
7. 前臂骨间膜 interosseous membrane of forearm
8. 尺骨 ulnar
9. 鹰咀 olecranon
10. 肱骨内上髁 medial epicondyle of humerus
11. 肱骨 humerus
12. 旋前圆肌 pronater teres
13. 旋前方肌 pronater quadratus
14. 肱二头肌 biceps brachii

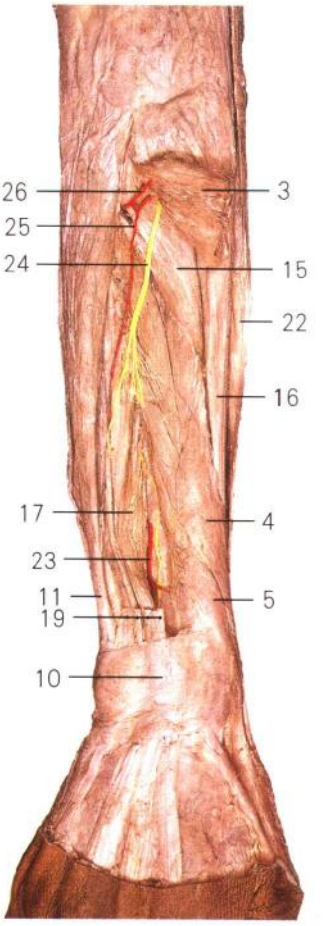


A



B

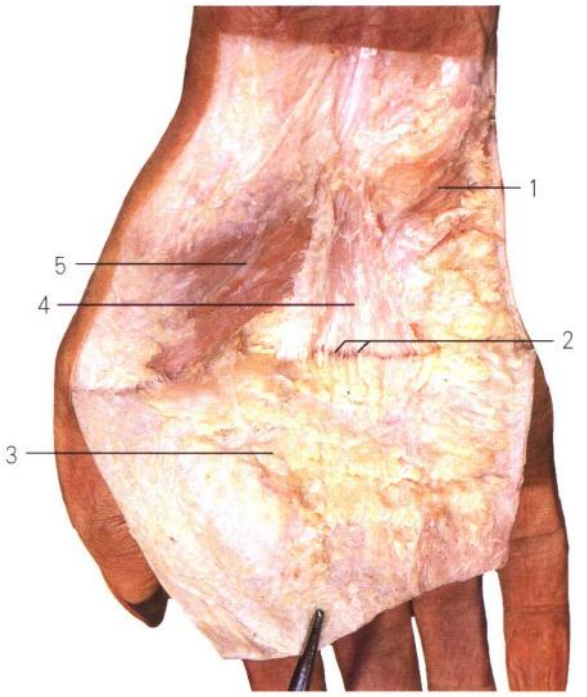
1. 鹰咀 olecranon
2. 肘肌 anconeus
3. 指伸肌 extensor digitorum
4. 拇长展肌 abductor pollicis longus
5. 拇短伸肌 extensor pollicis brevis
6. 桡侧腕短伸肌腱 tendon of extensor carpi radialis brevis
7. 拇长伸肌腱 tendon of extensor pollicis longus
8. 腱间结合 intertendinous connections
9. 小指伸肌 extensor digiti minimi
10. 伸肌支持带 extensor retinaculum
11. 尺侧腕伸肌 extensor carpi ulnaris
12. 尺侧腕屈肌 flexor carpi ulnaris
13. 尺神经 ulnar n.



C

14. 肱三头肌 triceps brachii
15. 旋后肌 supinator
16. 桡侧腕短伸肌 extensor carpi radialis brevis
17. 拇长伸肌 extensor pollicis longus
18. 桡侧腕长伸肌腱 tendon of extensor carpi radialis longus
19. 指伸肌腱 tendon of extensor digitorum
20. 示指伸肌 extensor indicis
21. 尺骨 ulnar
22. 桡侧腕长伸肌 extensor carpi radialis longus
23. 骨间前动脉后支 posterior branch of anterior interosseous a.
24. 骨间后神经 posterior interosseous n.
25. 骨间后动脉 posterior interosseous a.
26. 骨间返动脉 recurrent interosseous a.

图 109 前臂后区的肌、血管和神经 (A、B、C)
Muscles,blood vessels and nerves of the posterior antebrachial region (A,B,C)



1. 掌短肌 palmaris brevis
2. 纤维隔 fibrous septa
3. 皮肤与浅筋膜 skin and superficial fascia
4. 掌腱膜 palmar aponeurosis
5. 鱼际 thenar

图 110 手掌部浅层
Superficial layer of the palm of hand

1. 贵要静脉 basilic v.
2. 尺侧腕屈肌腱 tendon of flexor carpi ulnaris
3. 尺动脉 ulnar a.
4. 指浅屈肌腱 tendon of flexor digitorum superficialis
5. 尺神经深支及尺动脉掌深支 deep branch of ulnar n.and deep palmar branch of ulnar a.
6. 尺神经浅支 superficial branch of ulnar n.
7. 掌浅弓 superficial palmar arch
8. 指掌侧总神经 common palmar digital n.
9. 小指尺掌侧固有动脉及神经 ulnar palmar a.and n.of little finger
10. 指掌侧总动脉 common palmar digital a.
11. 指掌侧固有动脉及神经 proper palmar digital a.and n.
12. 蚓状肌 lumbricales
13. 拇短屈肌 flexor pollicis
14. 正中神经返支 recurrent branch of median n.
15. 桡动脉掌浅支 superficial palmar branch of radial a.
16. 拇短展肌 abductor pollicis brevis
17. 屈肌支持带 flexor retinaculum
18. 正中神经 median n.
19. 桡侧腕屈肌腱 tendon of flexor carpi radialis
20. 桡动脉 radial a.

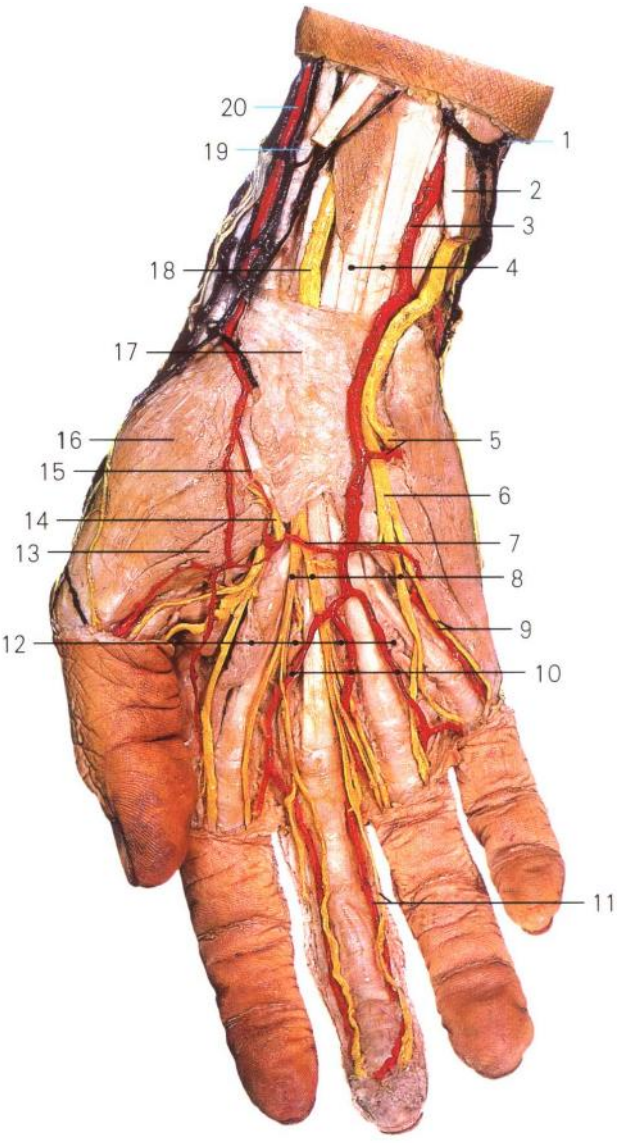
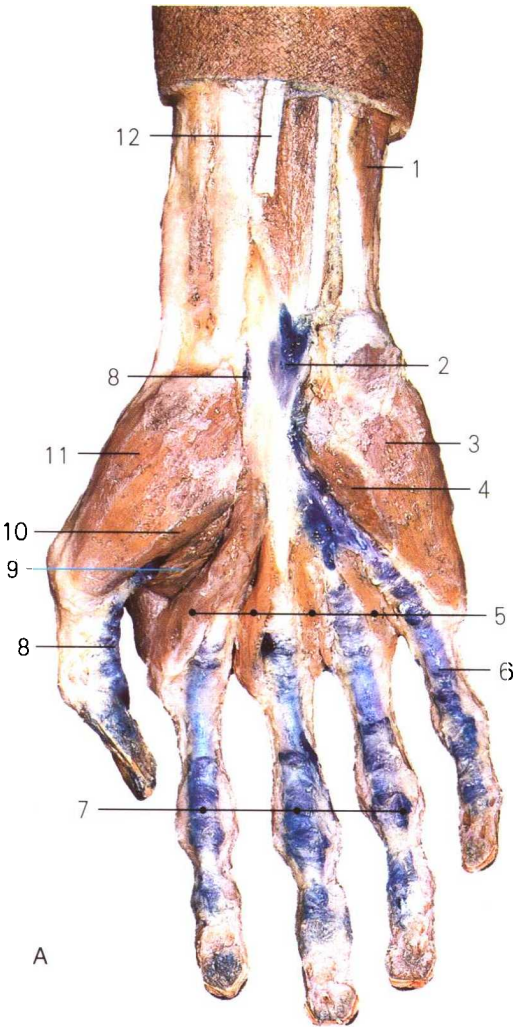


图 111 手掌深部(Ⅰ)
Deep layer of the palm of hand (Ⅰ)



1. 尺动脉 ulnar a.
2. 尺神经深支 deep branch of ulnar n.
3. 骨间掌侧肌 palmar interossei
4. 腱纤维鞘 fibrous flexor sheaths
5. 指掌侧固有动脉及神经 proper palmar digital a. & n.
6. 掌心动脉 palmar metacarpal a.
7. 掌深弓 deep palmar arch
8. 桡动脉掌浅支 superficial branch of radial n.
9. 肱桡肌腱 tendon of brachioradialis
10. 桡侧腕屈肌腱 tendon of flexor carpi radialis
11. 桡动脉 radial a.

1. 尺侧腕屈肌 flexor carpi ulnaris
2. 屈肌总腱鞘 common flexor synovial sheath
3. 小指展肌 abductor digiti minimi
4. 小指短屈肌 flexor digiti minimi brevis
5. 蚓状肌 lumbricales
6. 小指屈肌腱鞘 synovial sheath of little finger
7. 指屈肌腱鞘 digital synovial sheath
8. 拇长屈肌腱鞘 synovial sheath of flexor pollicis longus
9. 拇收肌 adductor pollicis
10. 拇短屈肌 flexor pollicis brevis
11. 拇短展肌 abductor pollicis brevis
12. 掌长肌腱 tendon of palmaris longus

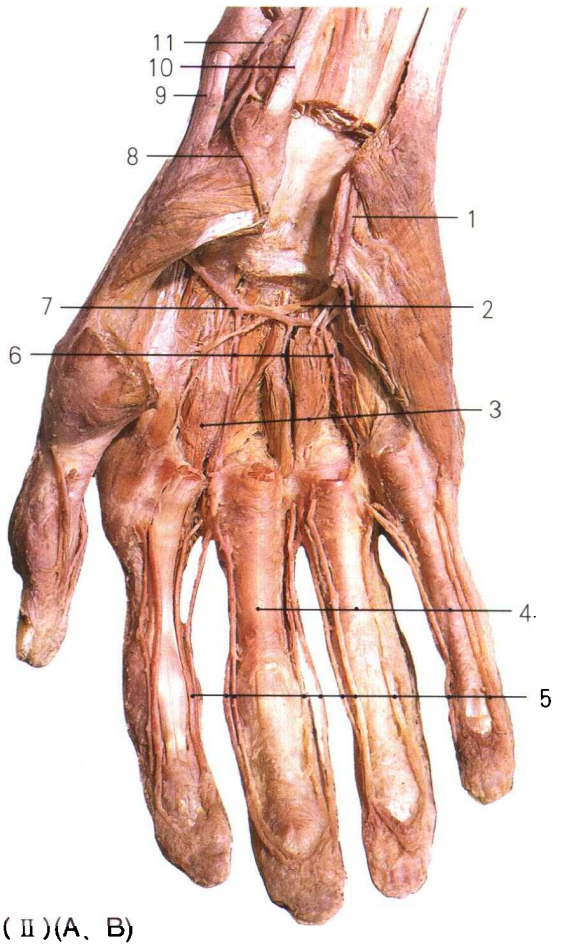


图 112 手掌深部(Ⅱ)(A、B)
Deep layer of the palm of hand (Ⅱ)(A,B)

1. 指浅屈肌腱 tendons of flexor digitorum superficialis
2. 尺侧腕屈肌腱 tendon of flexor carpi ulnaris
3. 尺神经手背支 dorsal branch of ulnar n.
4. 豌豆骨 pisiform
5. 尺动脉掌深支及尺神经深支 deep palmar branch of ulnar a.and deep branch of ulnar n.
6. 尺神经浅支 superficial branch of ulnar n.
7. 正中神经 median n.
8. 尺神经深支 deep branch of ulnar n.
9. 掌心动脉 palmar metacarpal a.
10. 小指尺掌侧动脉及神经 ulnar palmar a.and n.of little finger
11. 指掌侧总动脉及神经 common palmar digital a. & n.
12. 指掌侧固有动脉和神经 proper palmar digital a. & n.
13. 掌浅弓 superficial palmar arch
14. 拇主要动脉 principal artery of thumb
15. 掌深弓 deep palmar arch
16. 正中神经返支 recurrent branch of median n.
17. 桡动脉掌浅支 superficial palmar branch of radial a.
18. 屈肌支持带 flexor retinaculum
19. 桡动脉 radial a.
20. 桡侧腕屈肌腱 tendon of flexor carpi radialis
21. 肱桡肌腱 tendon of brachioradialis

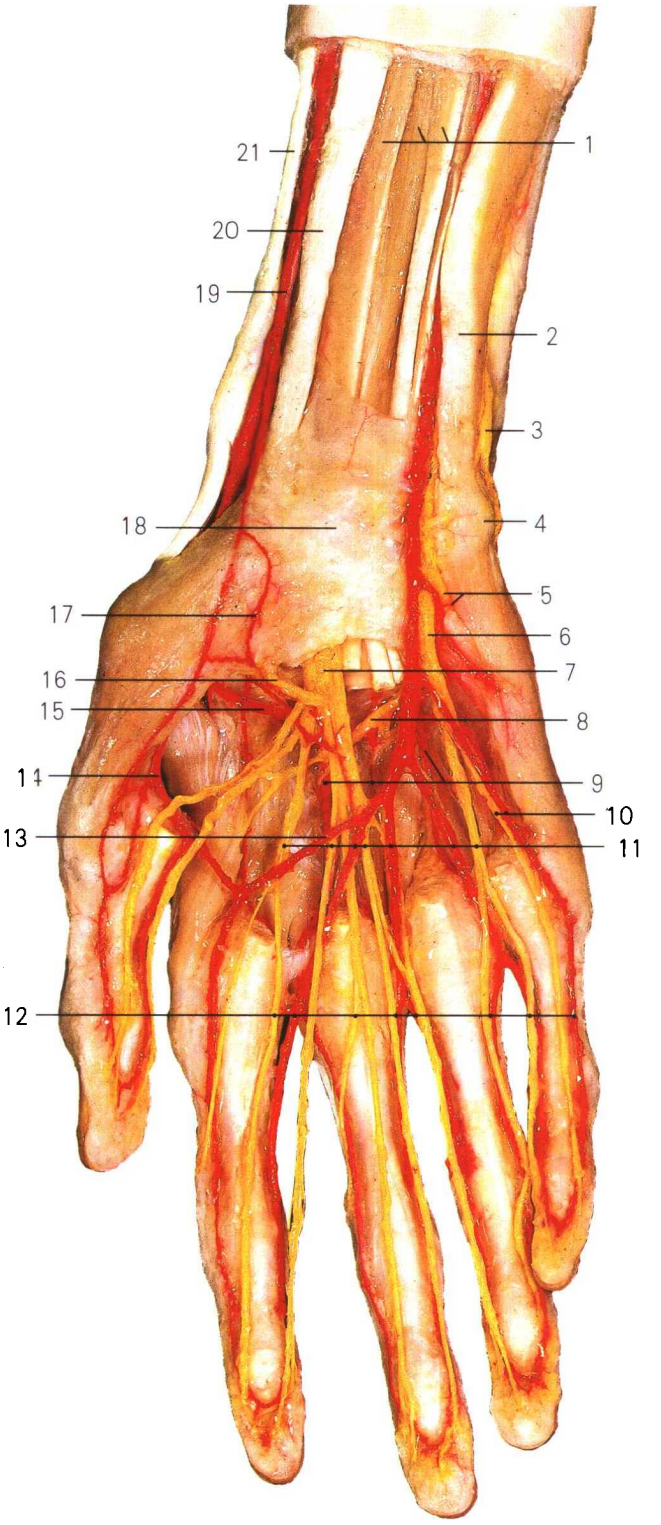
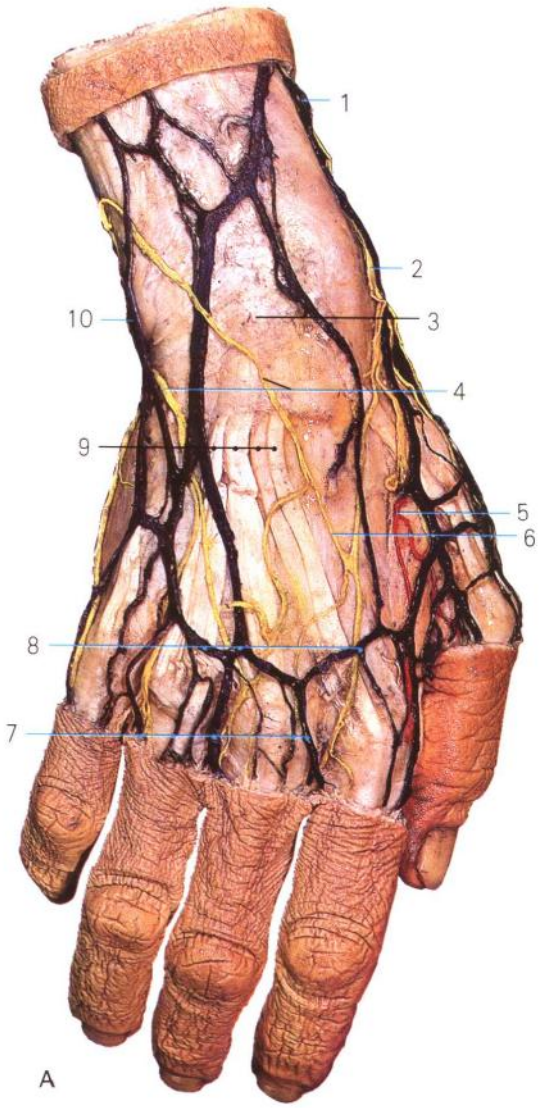
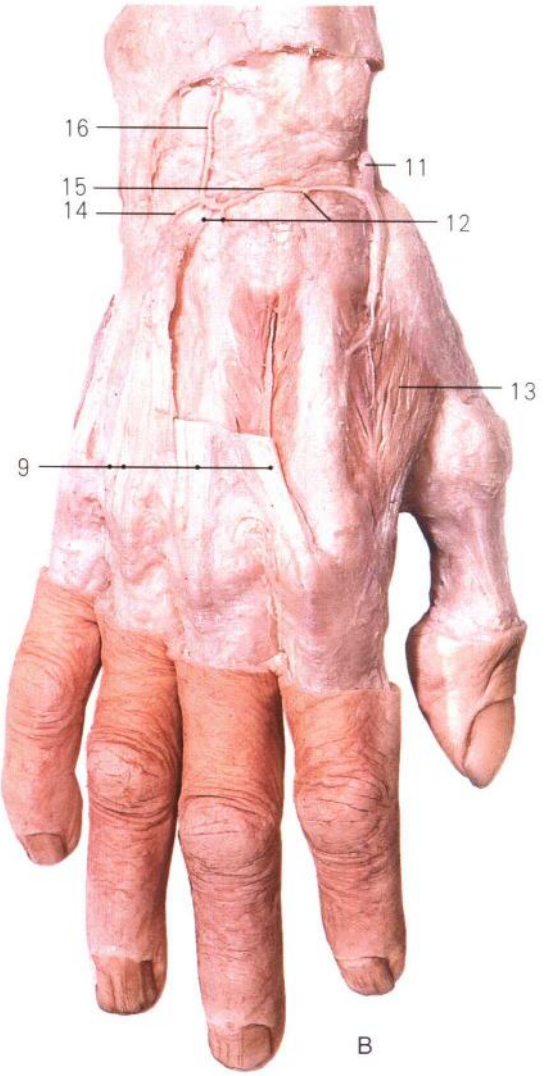


图 113 手掌深部(Ⅲ)
Deep layer of the palm of hand (Ⅲ)



1. 头静脉 cephalic v.
2. 桡神经浅支 superficial branch of radial n.
3. 伸肌支持带 extensor retinaculum
4. 尺神经手背支 dorsal branch of ulnar n.
5. 第一掌背动脉 first dorsal metacarpal a.
6. 尺神经交通支 communicating branch with ulnar n.
7. 指背静脉网 dorsal venous rete of fingers
8. 手背静脉网 dorsal venous rete of hand
9. 指伸肌腱 tendons of extensor digitorum
10. 贵要静脉 basilic v.



11. 桡动脉 radial a.
12. 掌背动脉 dorsal palmar a.
13. 第一骨间背侧肌 first dorsal interossei
14. 尺动脉腕背支 dorsal carpal branch of ulnar a.
15. 腕背弓 posterior carpal arch
16. 骨间后动脉终支 terminal branch of posterior interosseous a.

图 114 手背的血管和神经 (A、B)
Blood vessels and nerves of the dorsum of hand (A,B)

1. 拇短伸肌腱 tendon of extonsor pollicis brevis
2. 桡动脉 radial a.
3. 桡动脉腕背支 dorsal carpal branch of radial a.
4. 桡侧腕长伸肌腱 tendon of extensor carpi radialis longus
5. 桡侧腕短伸肌 tendon of extensor carpi radialis brevis
6. 拇长伸肌腱 tendon of extensor pollicis longus
7. 掌背动脉 dorsal palmar arteries
8. 腱间结合 intertendinous connections
9. 指伸肌腱 tendons of extensor digitorum
10. 小指伸肌腱 tendon of extensor digiti minimi
11. 示指伸肌腱 tendon of extensor indicis
12. 伸肌支持带 extensor retinaculum
13. 腕背骨纤维管 osseofibrous canal of posterior region of wrist

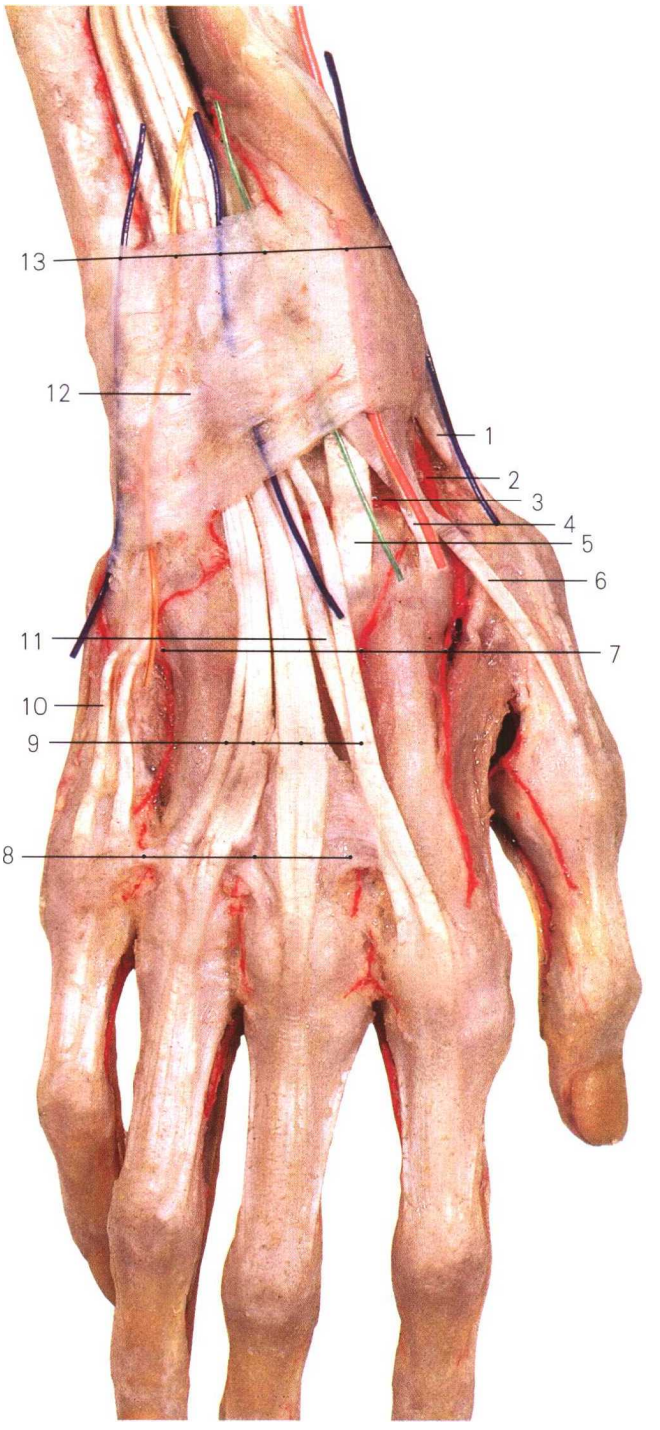
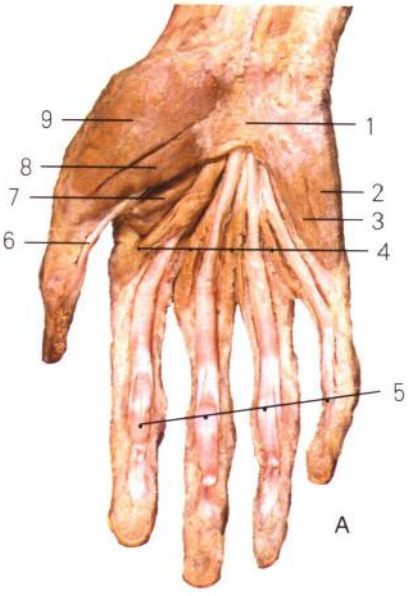
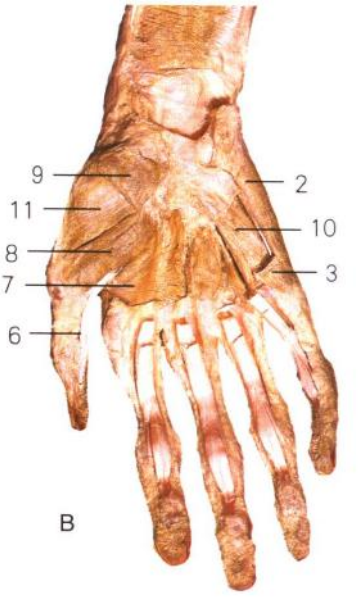
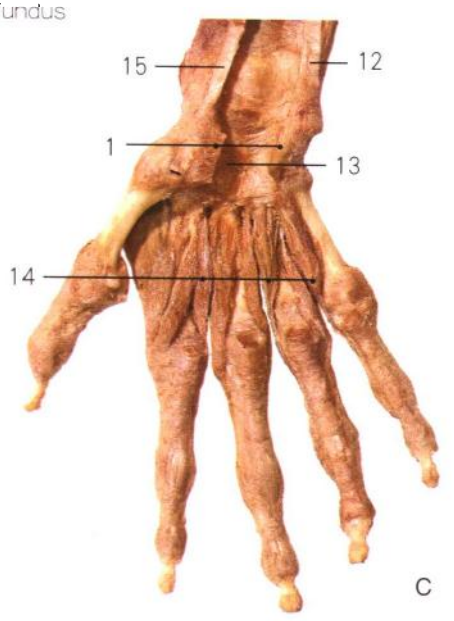


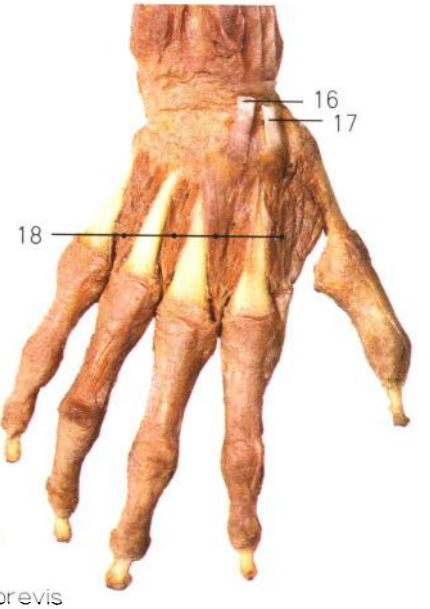
图 115 手背的血管
Blood vessels of the dorsum of hand





1. 屈肌支持带 flexor retinaculum
2. 小指展肌 abductor digiti minimi
3. 小指短屈肌 flexor digiti minimi brevis
4. 蚓状肌 lumbricales
5. 指深屈肌腱 tendons of flexor digitorum profundus
6. 拇长屈肌腱 tendon of flexor pollicis longus
7. 拇收肌 adductor pollicis
8. 拇短屈肌 flexor pollicis brevis
9. 拇短展肌 abductor pollicis brevis
10. 小指对掌肌 opponens digiti minimi
11. 拇对掌肌 opponens pollicis





12. 尺侧腕屈肌腱 tendon of flexor carpi ulnaris
13. 腕管 canalis carpalis (carpal canal)
14. 骨间掌侧肌 palmar interossei
15. 桡侧腕屈肌 tendon of flexor carpi radialis
16. 桡侧腕短伸肌腱 tendon of extensor carpi radialis brevis
17. 桡侧腕长伸肌腱 tendon of extensor carpi radialis longus
18. 骨间背侧肌 dorsal interossei

图 116 手肌 (A、B、C、D)
Muscles of hand (A,B,C,D)

1. 正中神经 median n.
2. 贵要静脉 bacilic v.
3. 肱动脉及静脉 brachial a. & v.
4. 尺神经与尺侧上副动脉 ulnar n.and superior ulnar collateral a.
5. 肱三头肌内侧头 medial head of triceps brachii
6. 肱三头肌长头 long head of triceps brachii
7. 肱三头肌外侧头 lateral head of triceps brachii
8. 桡神经 radial n.
9. 肱深动脉及静脉 deep brachial a. & v.
10. 肱肌 brachialis
11. 肌皮神经 musculocutaneous n.
12. 头静脉 cephalic v.
13. 肱二头肌 biceps brachii

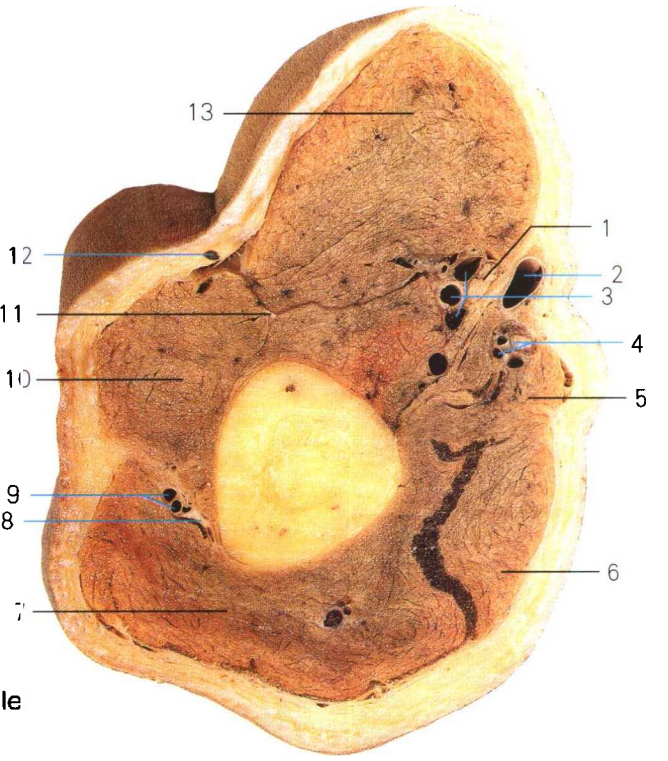


图 117 臂中部横断面
Transverse section through the middle of upper arm

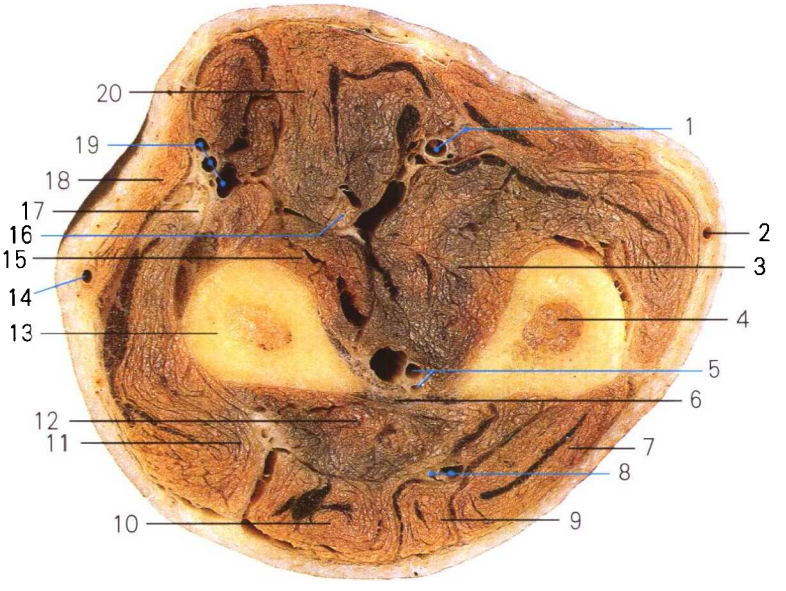


图 118 前臂中部横断面
Transverse section through the middle of forearm

1. 尺神经及动脉 ulnar n. & a.
2. 贵要静脉 basilic v.
3. 指深屈肌 flexor digitorum profundus
4. 尺骨 ulna
5. 骨间前动脉及静脉 anterior interosseous a. & v.
6. 前臂骨间膜 interosseous membrane of forearm
7. 尺侧腕伸肌 extensor carpi ulnaris
8. 骨间后动脉及静脉 posterior interosseous a. & v.
9. 小指伸肌 extensor digiti minimi
10. 指伸肌 extensor digitorum
11. 桡侧腕短伸肌 extensor carpi radialis brevis
12. 旋后肌 supinater
13. 桡骨 radius
14. 头静脉 cephalic v.
15. 拇长屈肌 flexor pollicics longus
16. 正中神经 median n.
17. 桡神经 radial n.
18. 肱桡肌 brachioradialis
19. 桡动脉及静脉 radial a. & v.
20. 指浅屈肌 flexor digitorum superficialis

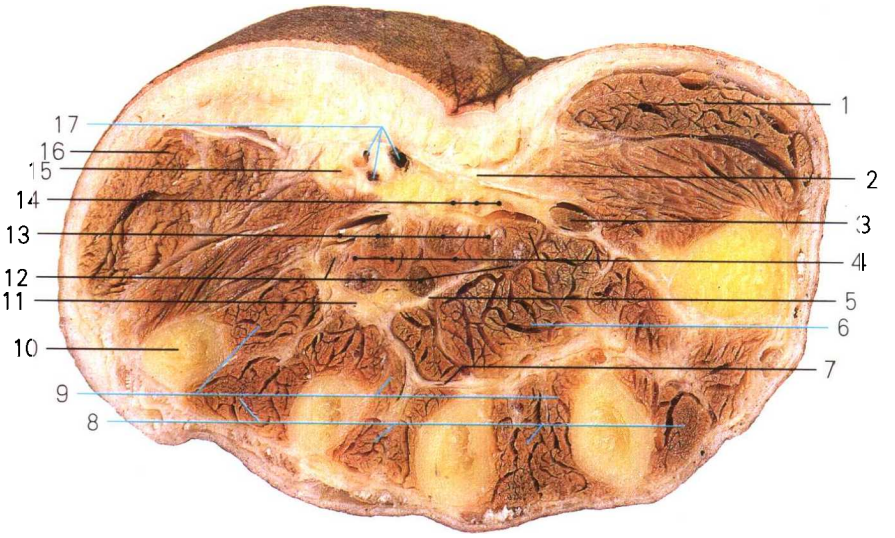


图 119　手的横断面
Transverse section of hand

1. 拇短展肌　abductor pollicis brevis
2. 掌腱膜　palmar aponeurosis
3. 拇长屈肌腱　tendon of flexor pollicis longus
4. 蚓状肌　lumbricales
5. 掌中隔　midpalmar septum
6. 拇收肌　adductor pollicis
7. 掌深弓　deep palmar arch
8. 骨间背侧肌　dorsal interossei
9. 骨间掌侧肌　palmar interossei
10. 第五掌骨　fifth metacarpal
11. 掌中间隙　midpalmar space
12. 指深屈肌腱　tendons of flexor digitorum profundus
13. 指浅屈肌腱　tendons of flexor digitorum surperficialis
14. 正中神经分支　branches of medial n.
15. 尺神经浅支　superficial branch of ulnar n.
16. 小指展肌　abductor digiti minimi
17. 尺动脉及静脉　ulnar a.and v.

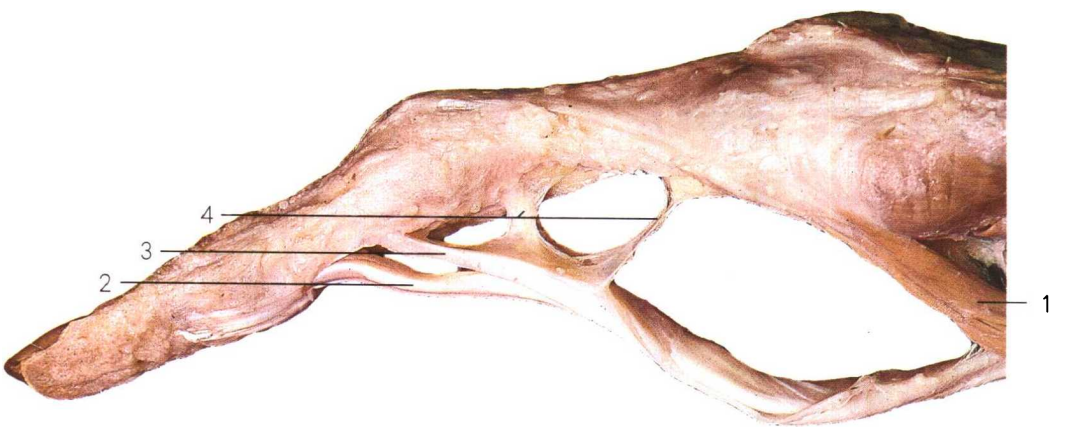


图 120　手指屈肌腱
Tendons of flexor digitorum

1. 蚓状肌　lumbrical
2. 指深屈肌腱　tendon of flexor digitorum profundus
3. 指浅屈肌腱　tendon of flexor digitorum superficialis
4. 腱纽　vincula tendinum

第4章 胸部

CHAPTER 4 THE THORAX

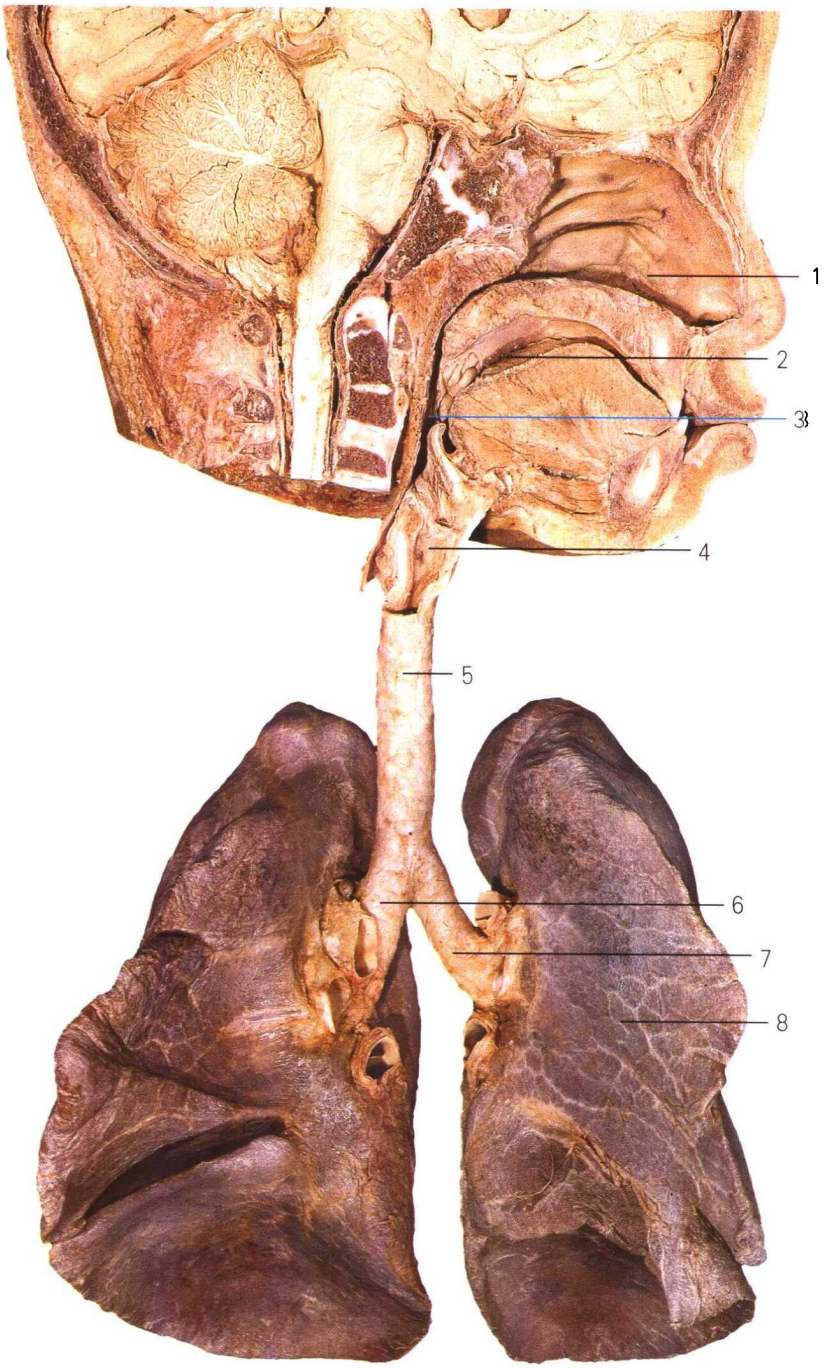


图 121　呼吸系统概观
General arrangement of respiratory system

1. 鼻腔　nasal cavity
2. 口腔　oral cavity
3. 咽　pharynx
4. 喉腔　larynx cavity
5. 气管　trachea
6. 右主支气管　right principal bronchus
7. 左主支气管　left principal bronchus
8. 肺　lung

1. 乳晕 areola
2. 乳头 nipple
3. 输乳管 lactiferous ducts
4. 输乳管窦 ampulla
5. 脂肪 fat
6. 乳腺小叶 gland lobules

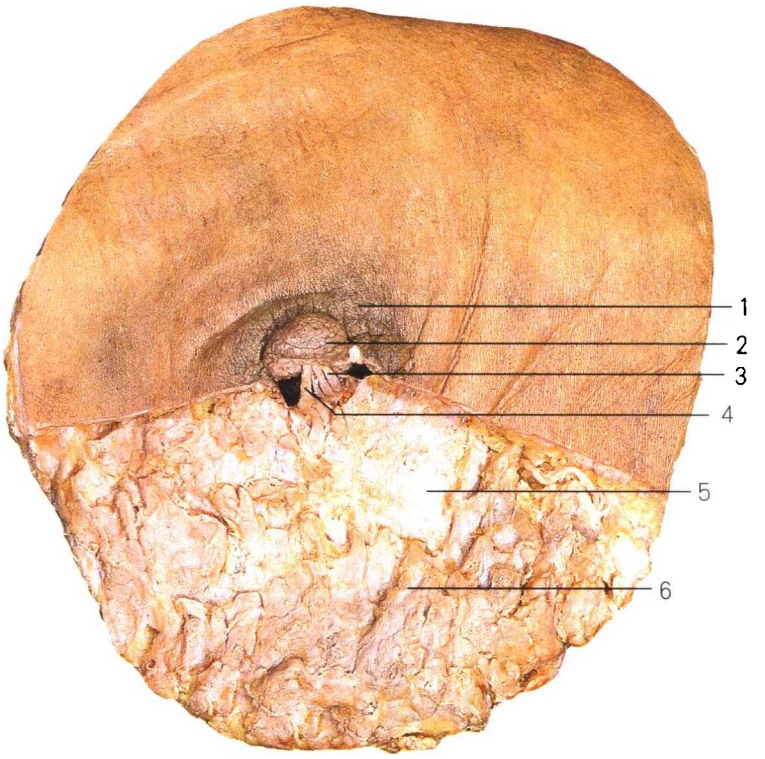
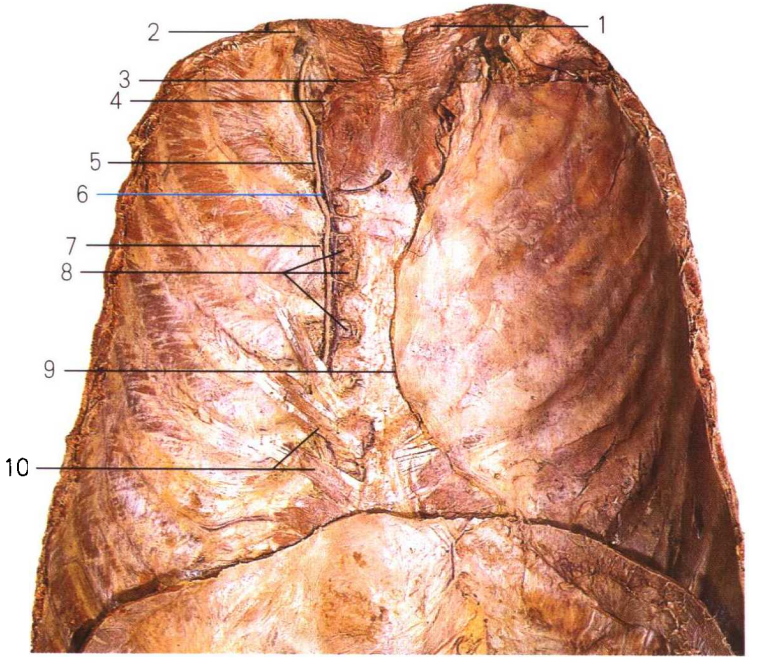


图 122 女性乳房
Female breast



1. 胸骨舌骨肌 sternohyoid
2. 右锁骨下动脉 right subclavian a.
3. 胸骨甲状肌 sternothyroid
4. 右头臂静脉 right brachiocephalic v.
5. 胸廓内动脉 internal thoracic a.
6. 胸廓内静脉 internal thoracic v.
7. 穿支 perforating branch of internal thoracic a.
8. 胸骨旁淋巴结 parasternal lymphatic nodes
9. 胸膜前反折线 anterior pleural reflex
10. 胸横肌 transversus thoracis m.

图 123 胸前壁(内面观)
Anterior thoracic wall(internal aspect)

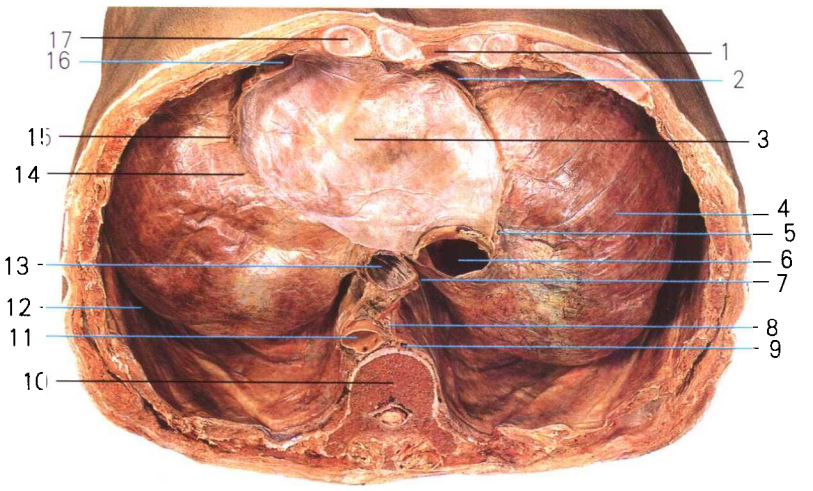
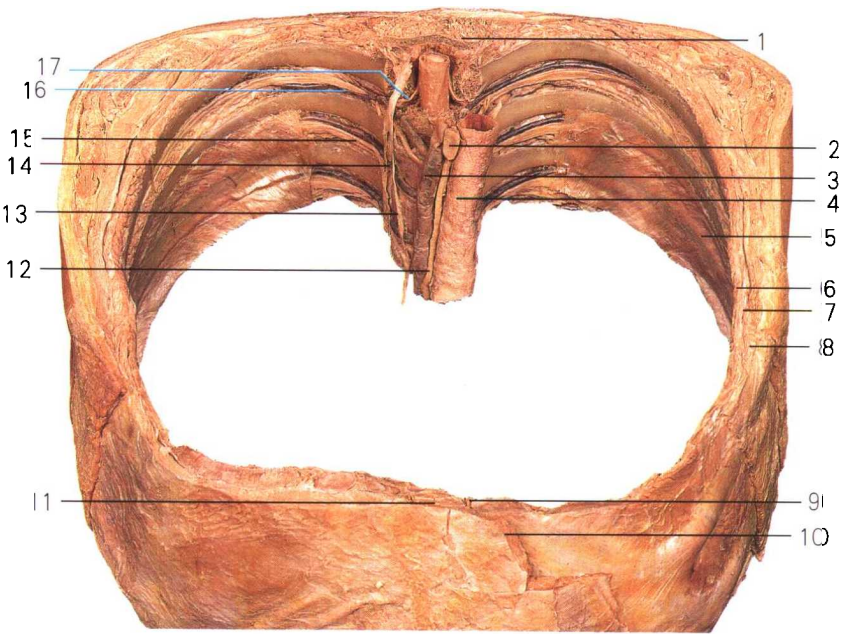


图 124 膈(胸腔面)
Diaphragm(thoracic surface)

1. 胸骨 sternum
2. 右肋隔隐窝 right costodiaphragmatic recess
3. 膈中心腱中叶(被纤维心包覆盖) middle leaflet of central tendon covered by pericardium
4. 膈肌 diaphragmatic m.
5. 右膈神经和心包膈动脉、静脉 right phrenic n. and pericardiophrenic a. & v.
6. 下腔静脉 inferior vena cava
7. 食管隐窝 esophageal recess
8. 胸导管 thoracic duct
9. 奇静脉 azygos v.
10. 胸椎椎体 thoracic vertebral body
11. 胸主动脉 thoracic aorta
12. 左肋隔隐窝 left costodiaphragmatic recess
13. 食管 esophagus
14. 纤维心包(切断处) fibrous pericardium(cut)
15. 左膈神经和心包膈动脉、静脉 left phrenic n. and pericardiophrenic a. & v.
16. 左肋纵隔窦 left costomediastinal recess
17. 肋软骨 costal cartilage



1. 竖脊肌 erector spinal muscle
2. 后纵隔淋巴结 posterior mediasternal lymph nodes
3. 奇静脉 azygos v.
4. 胸主动脉 thoracic a.
5. 肋 rib
6. 肋间最内肌 innermost intercostal m.
7. 肋间内肌 internal intercostal m.
8. 肋间外肌 external intercostal m.
9. 胸廓内动脉 internal thoracic a.
10. 腹直肌 rectus abdominis
11. 胸骨 sternum
12. 胸导管 thoracic duct
13. 内脏大神经 greater splanchnic n.
14. 交感干 sympathetic trunk
15. 肋间后动脉 posterior intercostal a.
16. 肋间后静脉 posterior intercostal v.
17. 脊神经前支 anterior branch of spinal n.

图 125 肋间神经和血管
Intercostal nerves and blood vesseles

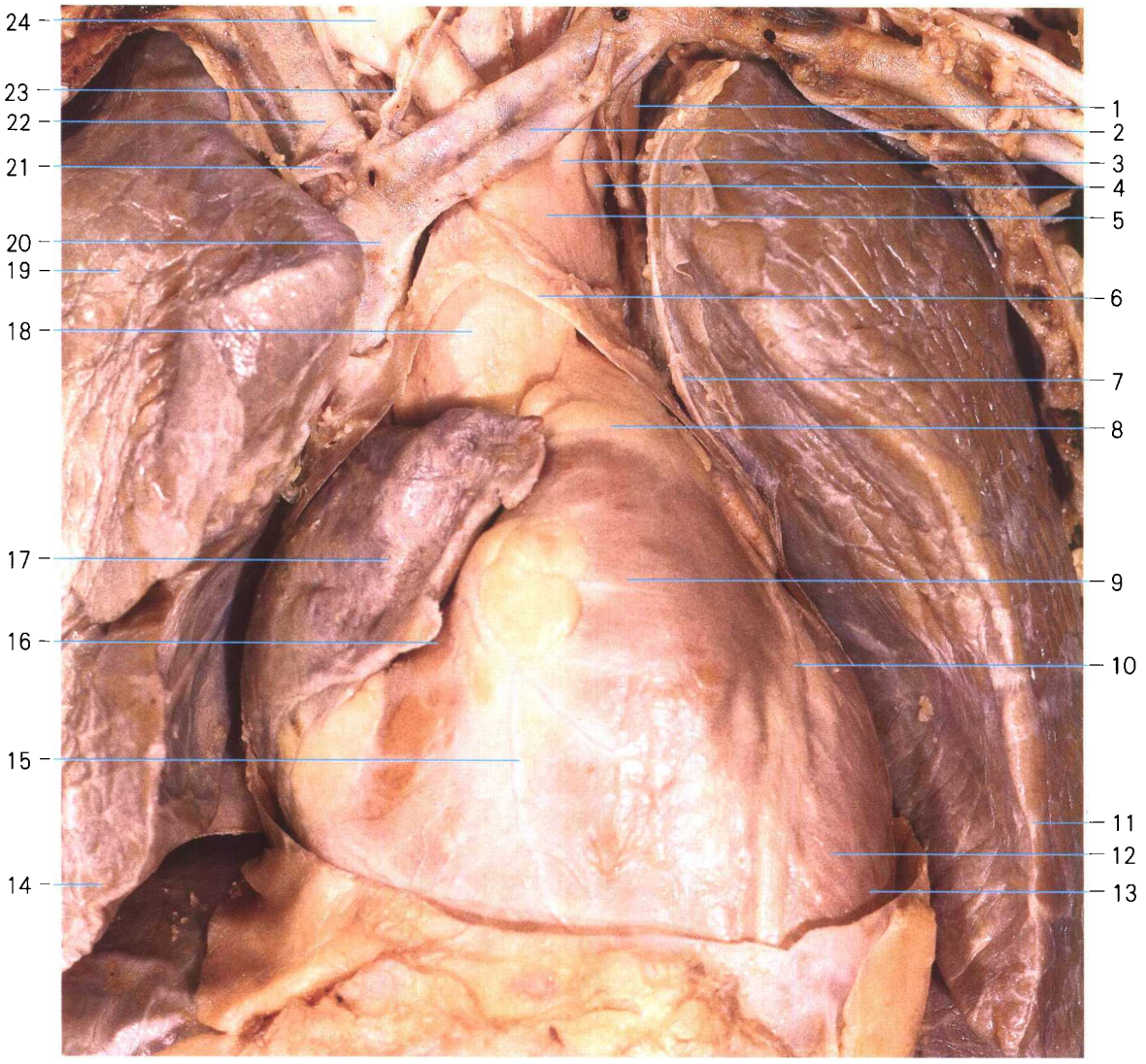


图 126 心于原位(前面观)
Heart in situ(anterior aspect)

1. 左迷走神经 left vagus n.
2. 左头臂静脉 left brachiocephalic v.
3. 左颈总动脉 left common carotid a.
4. 左锁骨下动脉 left subclavian a.
5. 主动脉弓 arch of aorta
6. 纤维心包及其反折处 fibrous pericardium and reflection from great vesseles
7. 左膈神经 left phrenic n.
8. 肺动脉干 pulmonary trunk
9. 动脉圆锥 conus arteriosus
10. 前室间沟 anterior interventricular sulcus
11. 左肺下叶 inferior lobe of left lung
12. 左室前壁 anterior wall of left ventricle
13. 心尖 apex of heart
14. 右肺中叶 middle lobe of right lung
15. 右室前壁 anterior wall of right ventricle
16. 右冠状沟 right coronary sulcus
17. 右心耳 right auricle
18. 升主动脉 ascending aorta
19. 右肺上叶 superior lobe of right lung
20. 上腔静脉 superior vena cava
21. 胸廓内静脉 internal thoracic v.
22. 右头臂静脉 right brachiocephalic v.
23. 甲状腺下静脉 inferior thyroid v.
24. 头臂干 Brachiocephailc trunk

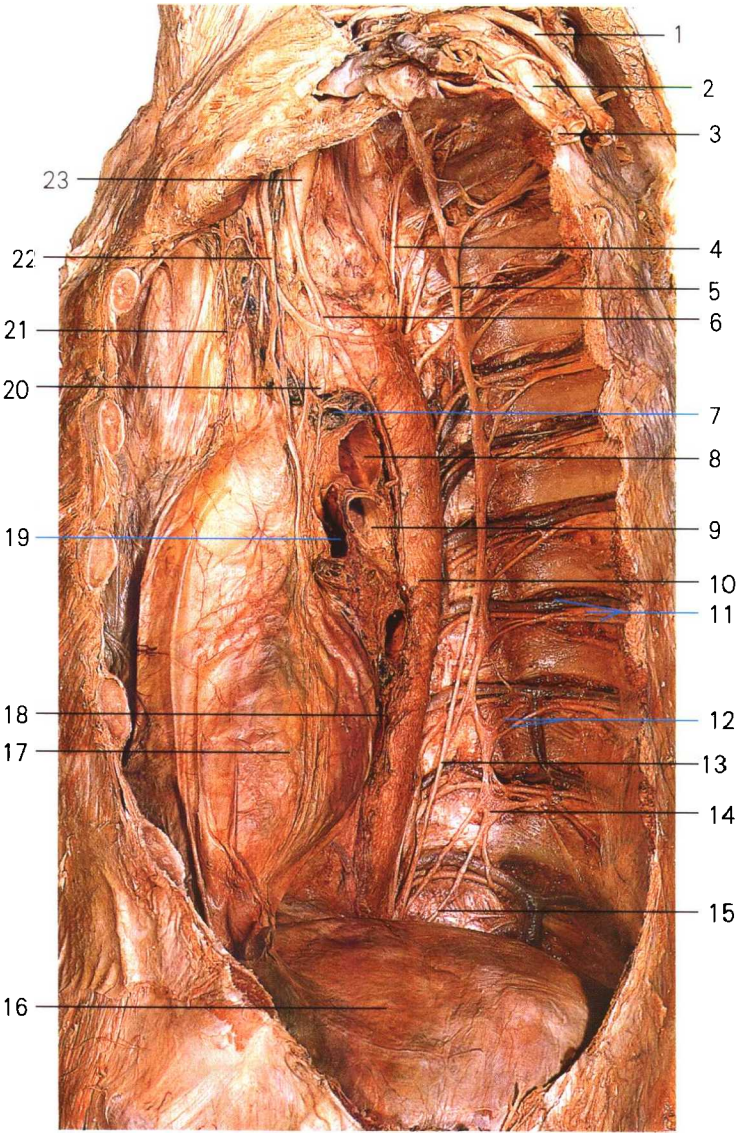


图 127　纵隔(右侧面观)
Mediastinum(left lateral aspect)

1. 臂丛外侧束　lateral cord of brachial plexus
2. 腋动脉　axillary a.
3. 臂丛内侧束　medial cord of brachial plexus
4. 肋间动脉　intercostal a.
5. 交感干　sympathetic trunk
6. 迷走神经　vagus n.
7. 淋巴结　lymph node
8. 左肺动脉　left pulmonary trunk
9. 左主支气管　left principal bronchus
10. 胸主动脉　thoracic aorta
11. 肋间静脉、动脉和神经　intercostal v., a. & n.
12. 灰白交通支　gray and white rami communicantes
13. 内脏大神经　greater splanchnic n.
14. 交感神经节　sympathetic ganglion
15. 内脏小神经　lesser splanchnic n.
16. 膈　diaphragm
17. 心包　fiberous pericardium
18. 肺韧带　pulmonary ligament
19. 左肺静脉　left pulmonary v.
20. 动脉韧带　ligamentum arteriosum
21. 心包膈动脉　pericardiacophrenic a.
22. 膈神经　phrenic n.
23. 左锁骨下动脉　left subclavian a.

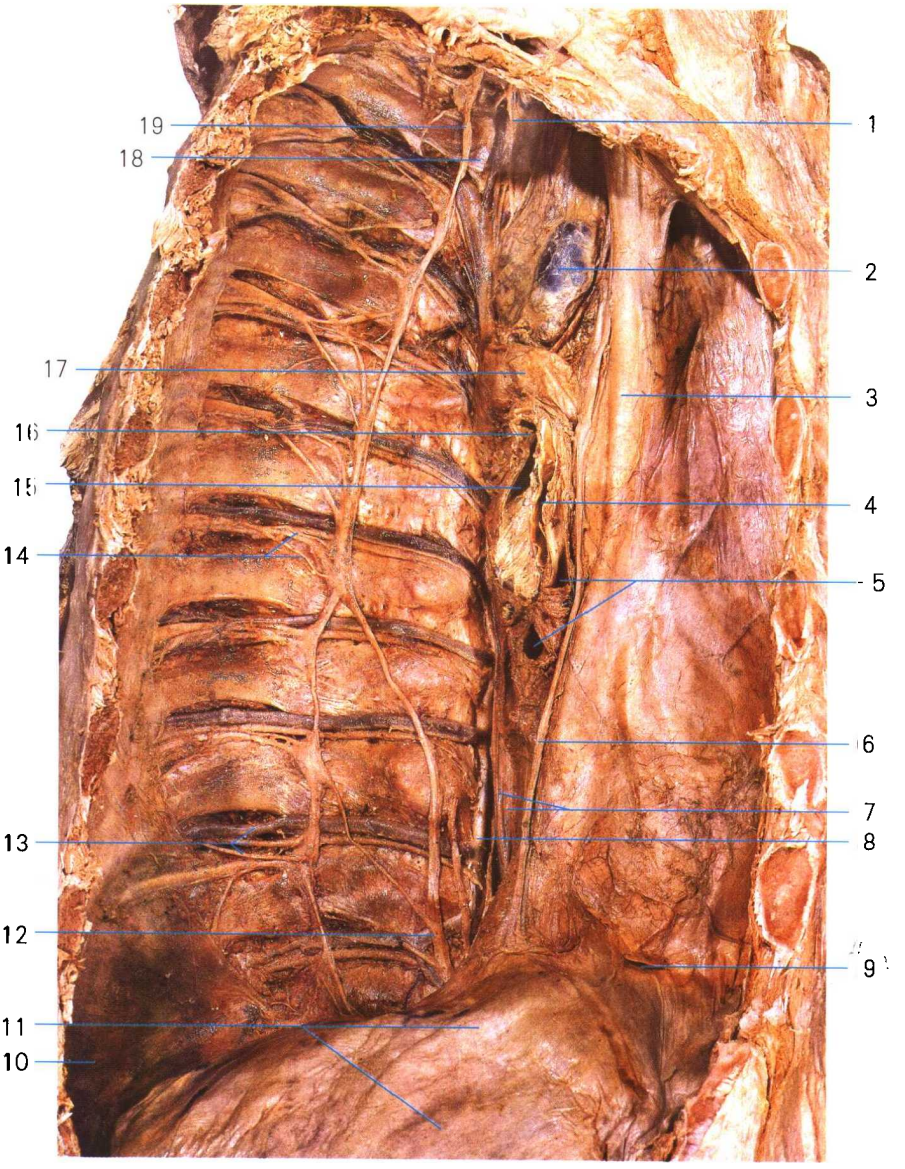


图 128 纵隔(右侧面观)
Mediastinum(right lateral aspect)

1. 右迷走神经 right vagus n.
2. 奇静脉弓淋巴结 lymph nodes of azygos arch
3. 上腔静脉 superior vena cava
4. 右肺动脉 right pulmonary a.
5. 右肺静脉 right pulmonary v.
6. 右膈神经 right phrenic n.
7. 食管及神经丛 Esophagus and plexus
8. 奇静脉 azygos v.
9. 下腔静脉 inferior vena cava
10. 右肋膈隐窝 right costodiaphragmatic recess of pleura
11. 膈(覆盖膈胸膜) diaphragm(covered by pleural)
12. 内脏大神经 greater splanchnic n.
13. 肋间神经血管 intercostal nerve and vessels
14. 灰白交通支 gray and white rami communicantes
15. 中间支气管 intermediate bronchus
16. 右肺上叶支气管 superior lobar bronchi of right lung
17. 奇静脉弓 arch of azygos v.
18. 右肋间最上静脉 right highest intercostal v.
19. 胸交感干 sympathetic trunk

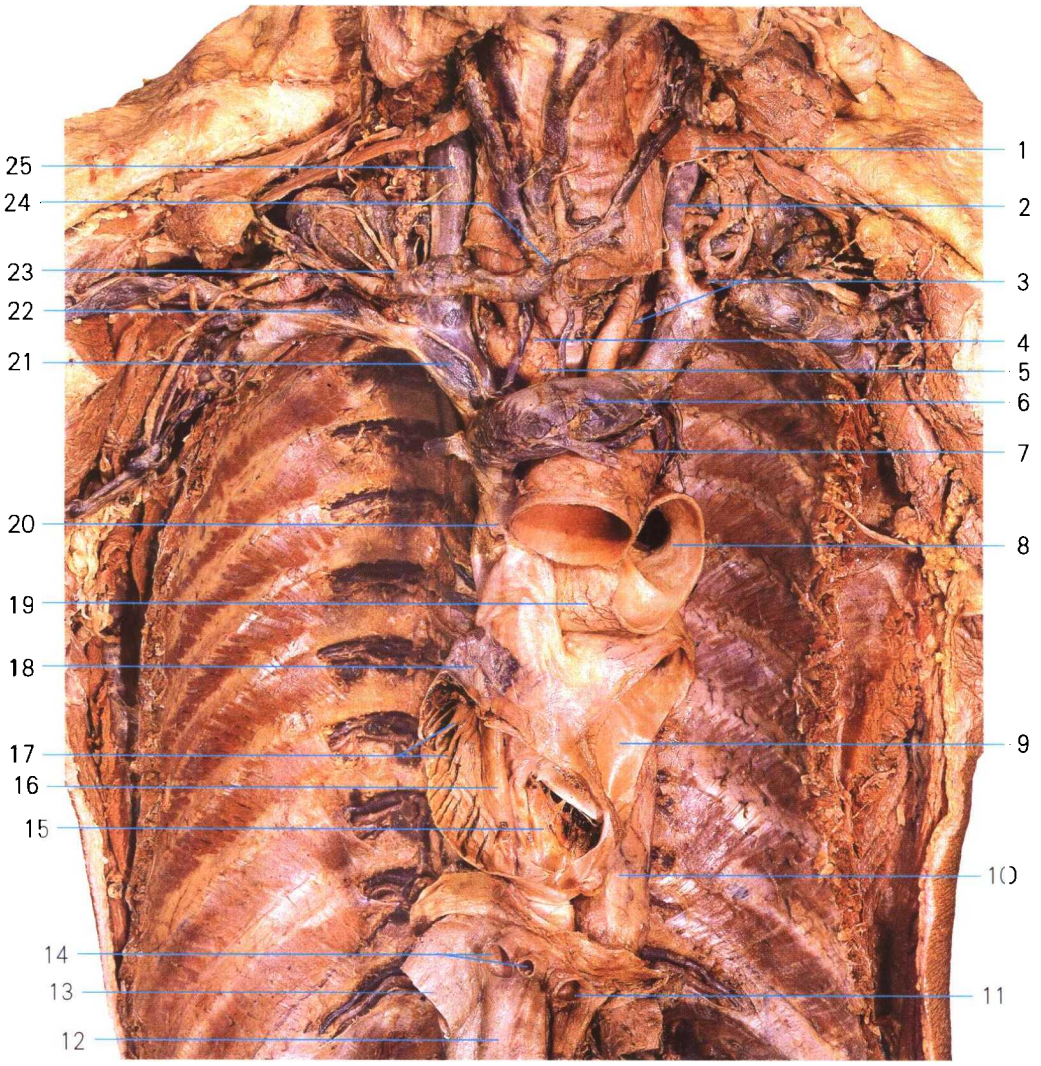


图 129　头臂静脉、主动脉弓和右肺动脉
Brachiocephalic vein,arch of aorta and right pulmonary artery

1. 颈深下淋巴结　inferior cervical lymphatic nodes
2. 左颈内静脉　left jugular v.
3. 胸导管　thoracic duct
4. 右颈总动脉　right common carotid a.
5. 头臂干　brachiocephalic trunk
6. 左头臂静脉　left brachiocephalic v.
7. 主动脉弓　arch of aorta
8. 左肺动脉　left pulmonary a.
9. 左心房　left atrium
10. 食管　esophagus
11. 肝左静脉　left hepatic v.
12. 下腔静脉　inferior vena cava
13. 肝右静脉　right hepatic v.
14. 肝中静脉　middle hepatic v.
15. 右心房　right atrium
16. 界嵴　crista terminalis
17. 梳状肌　pectinate m.
18. 右心耳　right auricle
19. 右肺动脉　right pulmonary a.
20. 上腔静脉　superior vena cava
21. 右头臂静脉　right brachiocephalic v.
22. 右锁骨下静脉　right subclavian v.
23. 右淋巴导管　right lymphatic duct
24. 甲状腺下静脉　inferior thyroid v.
25. 右颈内静脉　right jugular v.

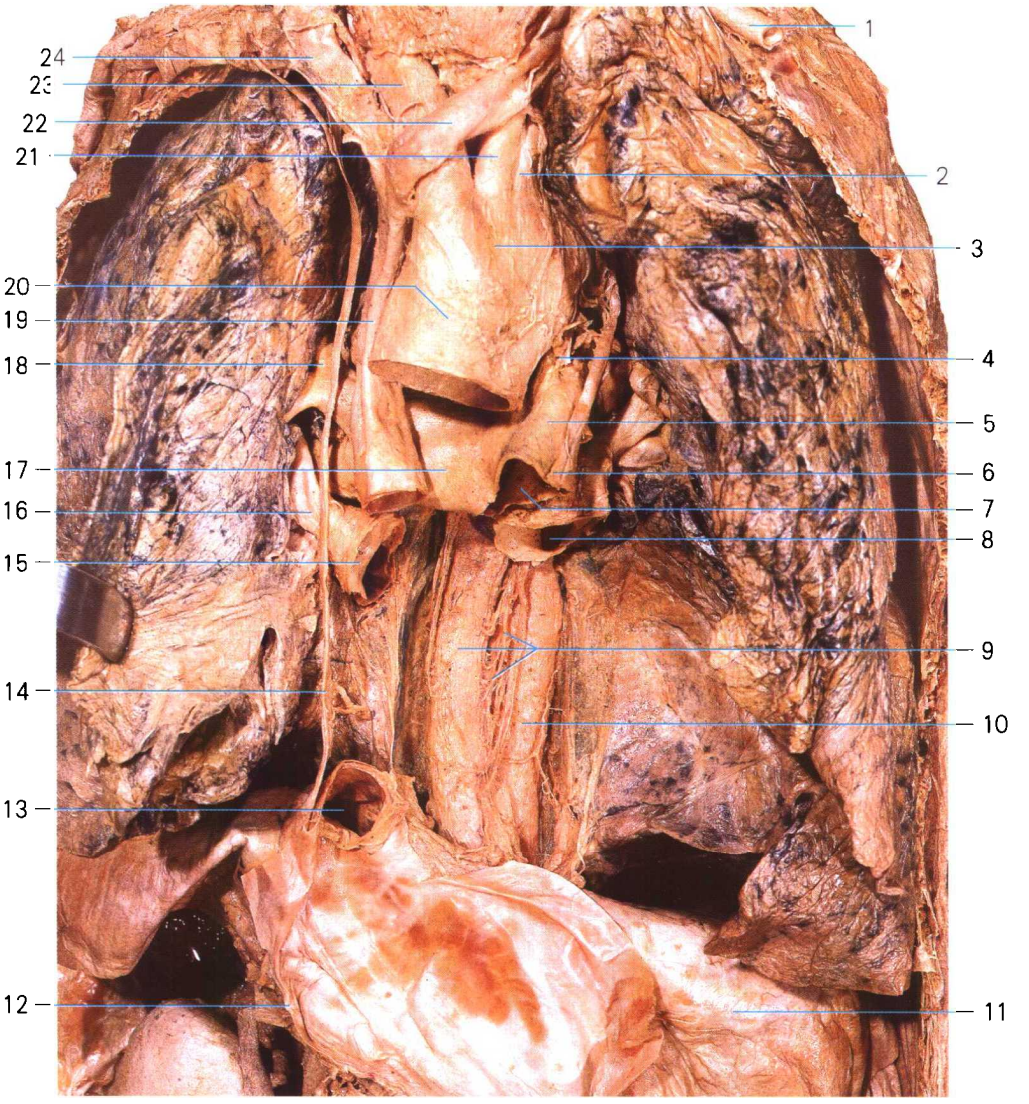
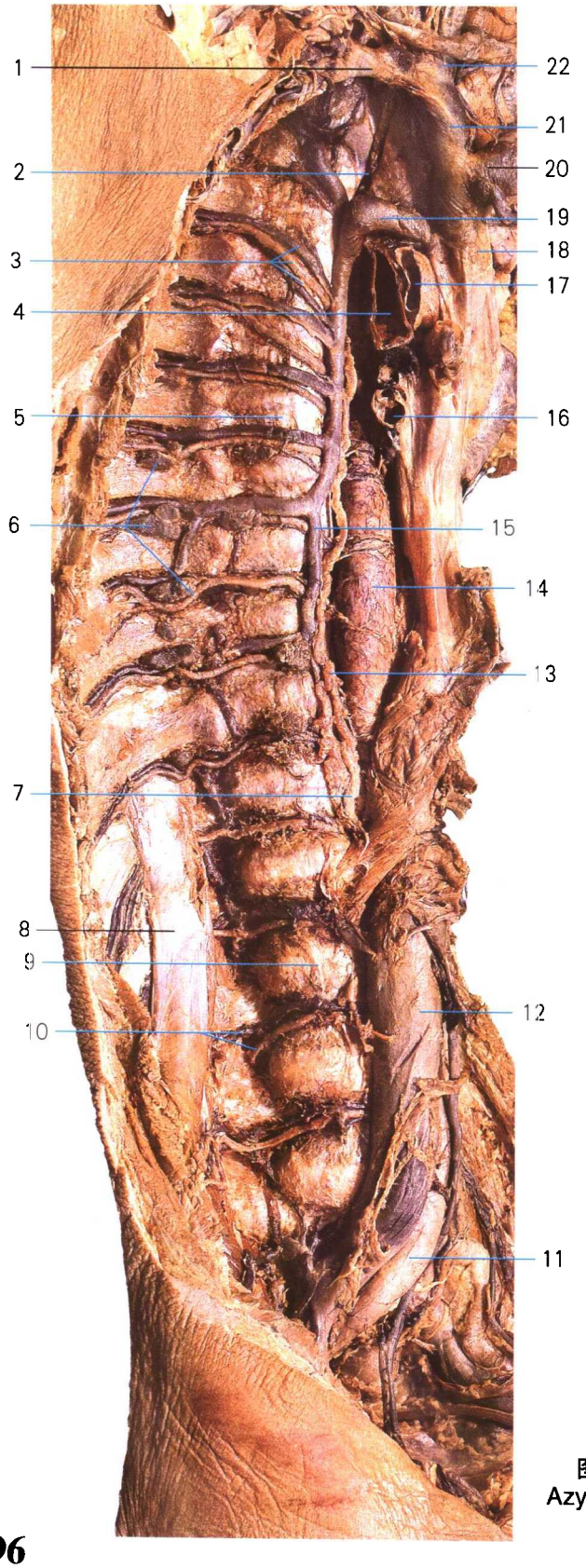


图 130 上纵隔和后纵隔
Superior mediastenum and posterior mediastenum

1. 腋动脉 axillary a.
2. 左锁骨下动脉 left subclavian a.
3. 主动脉弓 arch of aorta
4. 动脉韧带 ligamentum arteriosum
5. 左肺动脉 left pulmonary a.
6. 左迷走神经 left vagus n.
7. 肺动脉干 pulmonary trunk
8. 左肺静脉 left pulmonary v.
9. 食管及其神经丛 esophagus and esophageal plexus
10. 胸主动脉 thoracic aorta
11. 膈胸膜 diaphragmatic pleura
12. 纤维心包(切断处)fibrous pericardium(cut)
13. 下腔静脉 inferior vena cava
14. 右膈神经 right phrenic n.
15. 右肺静脉 right pulmonary v.
16. 右肺下叶支 inferior lobar branches of right lung
17. 右肺动脉 right pulmonary a.
18. 右肺上叶支 superior lobar branches of right lung
19. 上腔静脉 superior vena cava
20. 升主动脉 ascending aorta
21. 左颈总动脉 left carotid a.
22. 左头臂静脉 left brachiocephalic v.
23. 头臂干 brachiocephalic trunk
24. 右头臂静脉 right brachiocephalic v.



1. 右锁骨下静脉 right subclavian v.
2. 右最上肋间静脉 right highest intercostal v.
3. 肋间神经血管 intercostal nerve vessels
4. 右主支气管 right principal bronchus
5. 胸椎椎体 thoracic vertebral body
6. 肋间后淋巴结 posterior intercostal lymph nodes
7. 乳糜池 cisterna chyli
8. 腰方肌 quadratus lumborum
9. 腰椎椎体 lumber vertebral body
10. 腰动、静脉 lumbar artery and v.
11. 右髂总动脉 right common iliac a.
12. 下腔静脉 inferior vena cava
13. 胸导管 thoracic duct
14. 食管 esophagus
15. 奇静脉 azygos v.
16. 右肺静脉 right pulmonary v.
17. 右肺动脉 right pulmonary a.
18. 上腔静脉 superior vena cava
19. 奇静脉弓 arch of azygos v.
20. 左头臂静脉 left brachiocephalic v.
21. 右头臂静脉 right brachiocephalic v.
22. 右颈内静脉 right jugular v.

图 131 奇静脉和胸导管
Azygos vein and thoracic duct

1. 胸腺 thymus
2. 肺动脉干 pulmonary trunk
3. 左腔静脉襞 fold of left vena cava
4. 心包横窦 transverse pericardial sinus
5. 左肺静脉 left pulmonary v.
6. 心包斜窦 oblique sinus of pericardium
7. 下腔静脉 inferior vena cava
8. 后室间沟 posterior interventricular sulcus
9. 左房斜静脉 oblique vein of left atrium
10. 左心房 left atrium
11. 左心耳 left auricle
12. 心包横窦 transverse pericardial sinus
13. 上腔静脉 superior vena cava
14. 升主动脉 ascending aorta

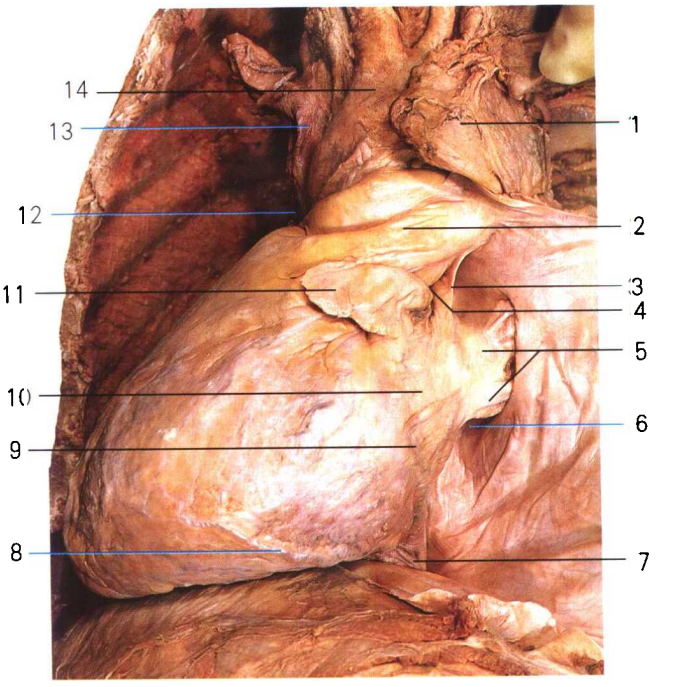
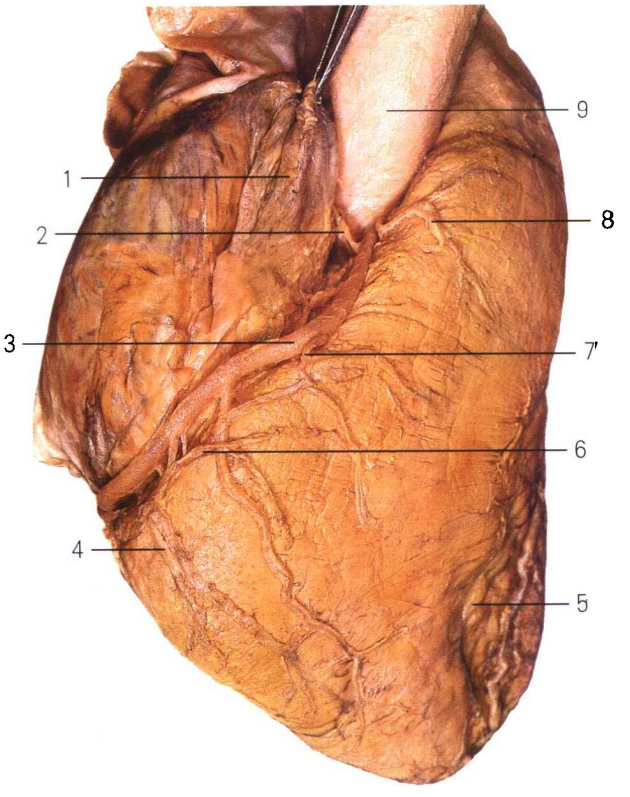
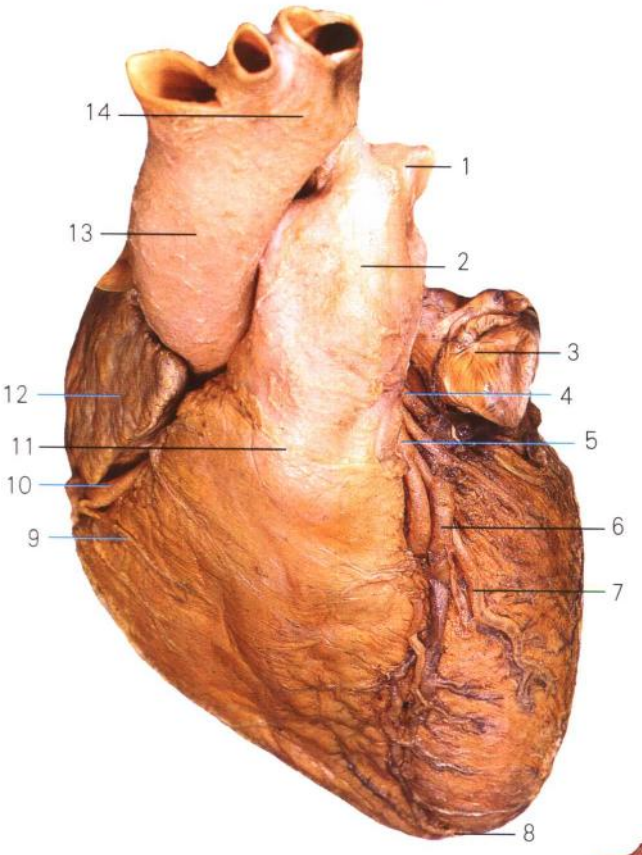


图 132 浆膜心包
Serous pericardium



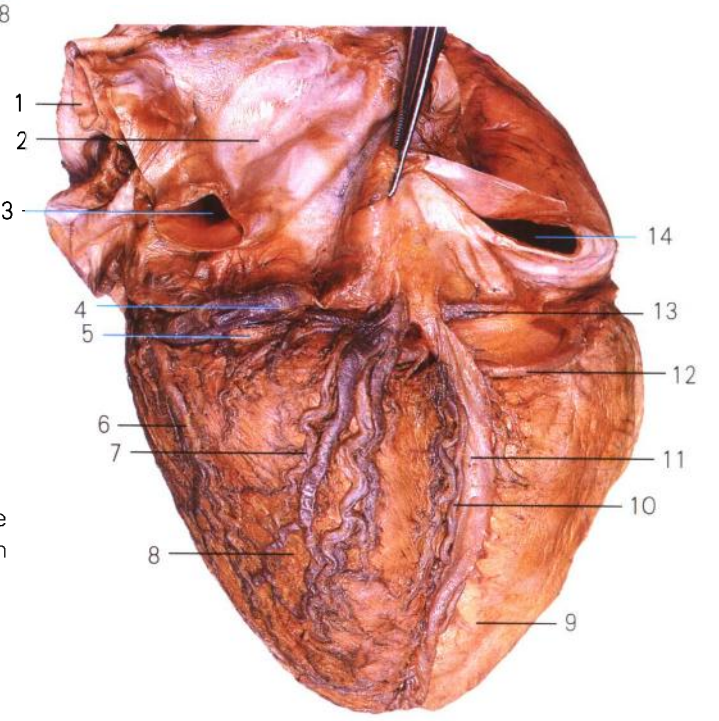
1. 右心耳 right auricle
2. 窦房结支 branch to sinoatrial node
3. 右冠状动脉 right coronary a.
4. 右缘支 right marginal branch
5. 前室间支 anterior interventricular branch
6. 心前静脉 anterior cardiac v.
7. 右室前支 anterior branch of right ventricle
8. 动脉圆锥支 conus branch
9. 升主动脉 ascending aorta

图 133 冠状动脉和心的静脉(Ⅰ)
Coronary arteries and cardiac vein(Ⅰ)



1. 左肺动脉 left pulmonary a.
2. 肺动脉干 pulmonary trunk
3. 左心耳 left auricle
4. 旋支 circumflex branch
5. 前室间支 anterior interventricular branch
6. 心大静脉 great cardiac v.
7. 左室前支 anterior branch of left ventricle
8. 心尖切迹 cardiac apical incisure
9. 右缘支 right marginal branch
10. 右冠状动脉 right coronary a.
11. 动脉圆锥 conus arteriosus
12. 右心耳 right auricle
13. 升主动脉 ascending aorta
14. 主动脉弓 arch of aorta

图 134 冠状动脉和心的静脉(Ⅱ)
Coronary arteries and cardiac vein(Ⅱ)



1. 左上肺静脉 left superior pulmonary v.
2. 左心房 left atrium
3. 左下肺静脉 left inferior pulmonary v.
4. 冠状窦 coronary sinus
5. 旋支 circumflex branch
6. 左缘支 left marginal branch
7. 旋支后支 posterior branch of circumflex branch
8. 左心室后壁 posterior wall of left ventricle
9. 右心室后壁 posterior wall of right ventricle
10. 后室间支 posterior interventricular branch
11. 心中静脉 middle cardiac v.
12. 右冠状动脉 right coronary a.
13. 心小静脉 small cardiac v.
14. 下腔静脉 inferior vena cava

图 135 冠状动脉和心的静脉(Ⅲ)
Coronary arteries and cardiac vein(Ⅲ)

1. 肺动脉半月瓣 semilunar cusp of pulmonary valve
2. 肺动脉窦 sinus of pulmonary trunk
3. 动脉圆锥 conus arteriosus
4. 室上嵴 supraventricular crest
5. 膈侧乳头肌 septal papillary m.
6. 三尖瓣前瓣 anterior cusp of tricuspid valve
7. 前乳头肌 anterior papillary m.
8. 前室间动脉 anterior interventricular branch
9. 后乳头肌 posterior papillary m.

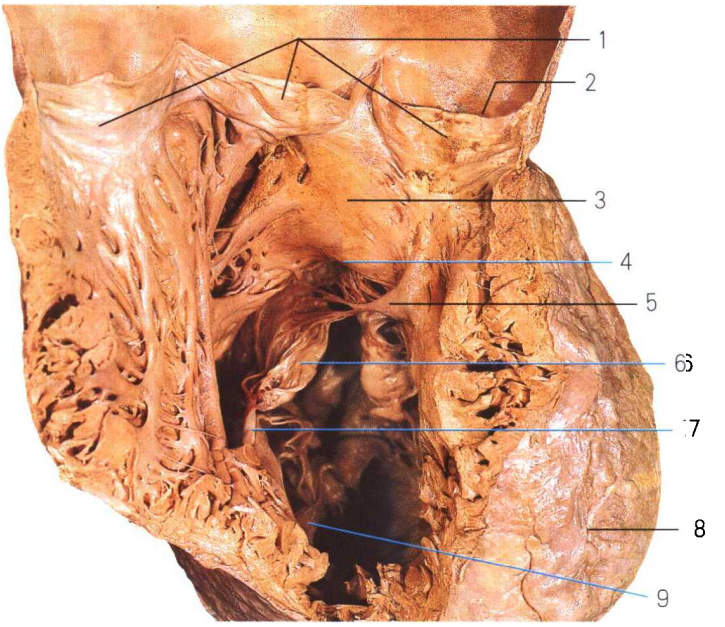
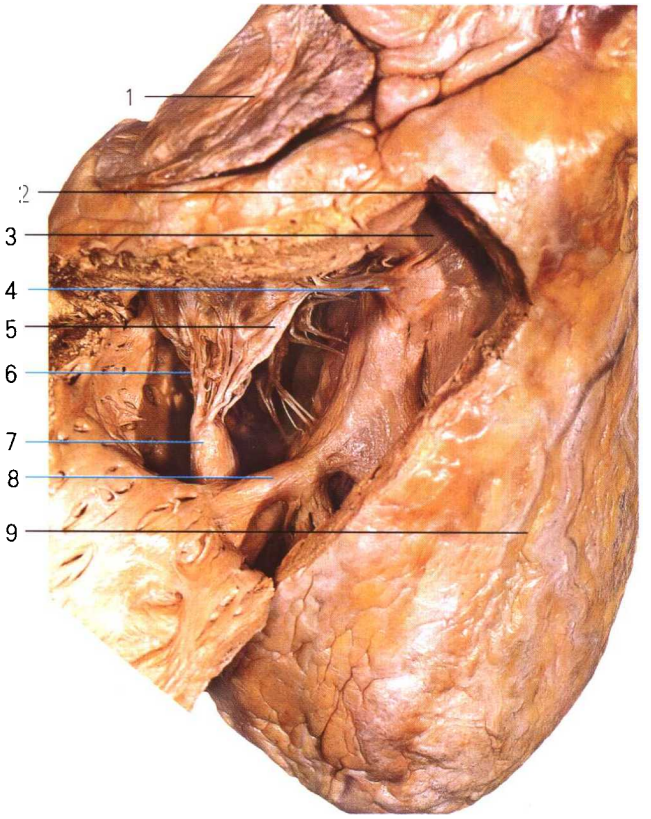
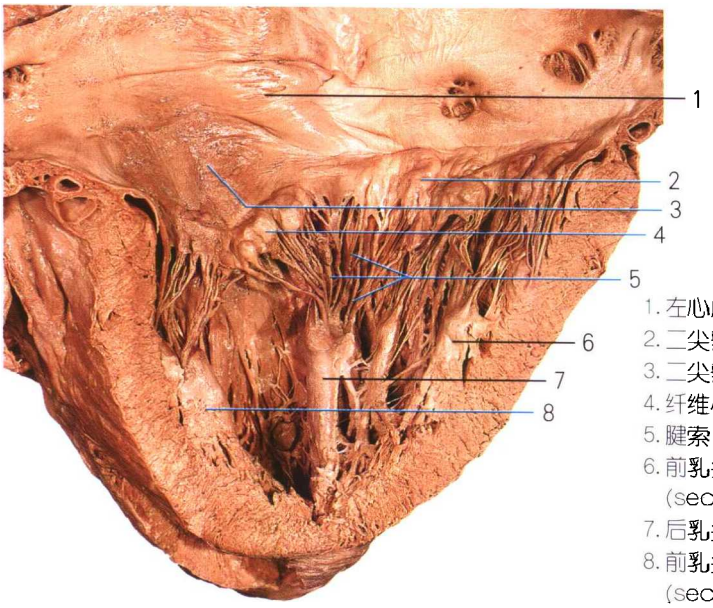


图 136 肺动脉半月瓣和肺动脉窦
Semilunar cusp of pulmonary valve and sinus of pulmonary trunk



1. 右心耳 right auricle
2. 肺动脉干 pulmonary trunk
3. 动脉圆锥 conus arteriosus
4. 室上嵴 supraventricular crest
5. 三尖瓣前瓣 anterior cusp of tricuspid valve
6. 腱索 chordae tendineae
7. 前乳头肌 anterior papillary m.
8. 隔缘肉柱 septomarginal trabecula
9. 前室间沟 anterior interventricular sulcus

图 137 右心室
Right ventricle



1. 左心房 left auricle
2. 二尖瓣后瓣 posterior cusp of mitral valve
3. 二尖瓣前瓣 anterir cusp of mitral valve
4. 纤维小结节 fibours(Albini's)nodules
5. 腱索 chordae tendineae
6. 前乳头肌(已切开) anterior papillary m. (sectioned)
7. 后乳头肌 posterior papillary muscle
8. 前乳头肌(已切开) anterior papillary m. (sectioned)

图 138 二尖瓣(左房室瓣)
Mitral valve(left atrioventricular valve)

1. 左冠状动脉口 orifice of left coronary a.
2. 主动脉窦 aortic sinuses (of valsalva)
3. 右冠状动脉口 orifice of right coronary a.
4. 半月瓣小结 nodule of semilunar valve
5. 室间隔膜部 membranous part of interventricular septum
6. 二尖瓣前瓣 anterior cusp of mitral valve
7. 腱索 chordae tenineae
8. 室间隔肌性部 muscular part of interventricular septum
9. 前乳头肌 anterior papillary m.
10. 后乳头肌 posterior papillary m.

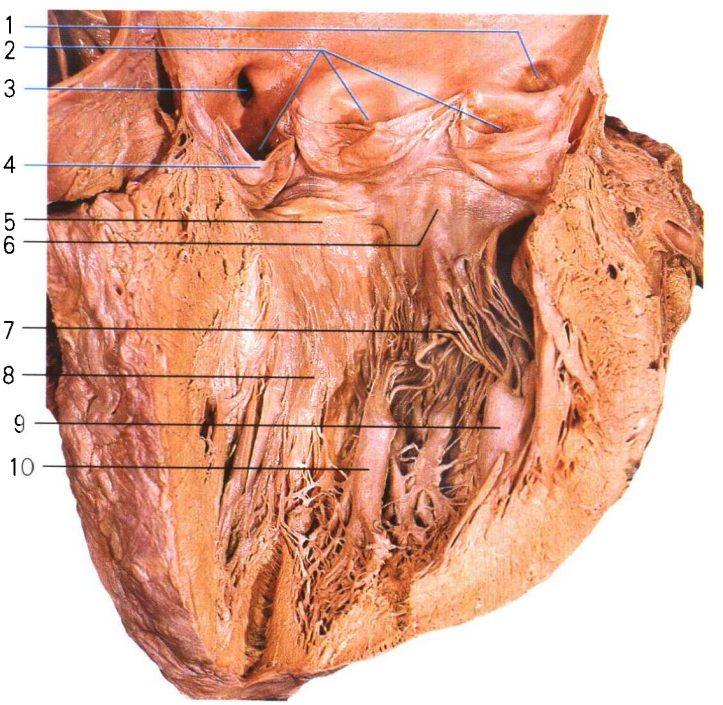


图 139 主动脉瓣和主动脉窦
Mitral valve and aortic sinuses

1. 肺动脉窦 sinus of pulmonary trunk
2. 肺动脉半月瓣 semilunar cusp of pulmonary valve
3. 纤维环 annulus fibrosus
4. 主动脉半月瓣 semilunar cusp of aortic valve
5. 二尖瓣后瓣 posterior cusp of mitral valve
6. 主动脉窦 sinus of aorta
7. 右心耳 right auricle
8. 三尖瓣前瓣 anterior cusp of tricuspid valve
9. 三尖瓣隔侧瓣 septal cusp of tricuspid valve
10. 三尖瓣后瓣 posterior cusp of tricuspid valve

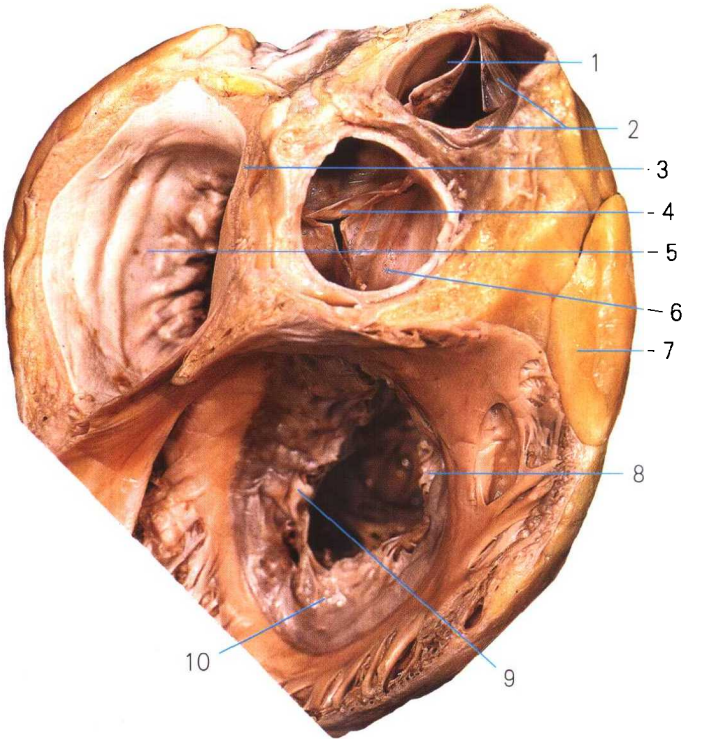


图 140 心的瓣膜(Ⅰ)
Valves of heart(Ⅰ)

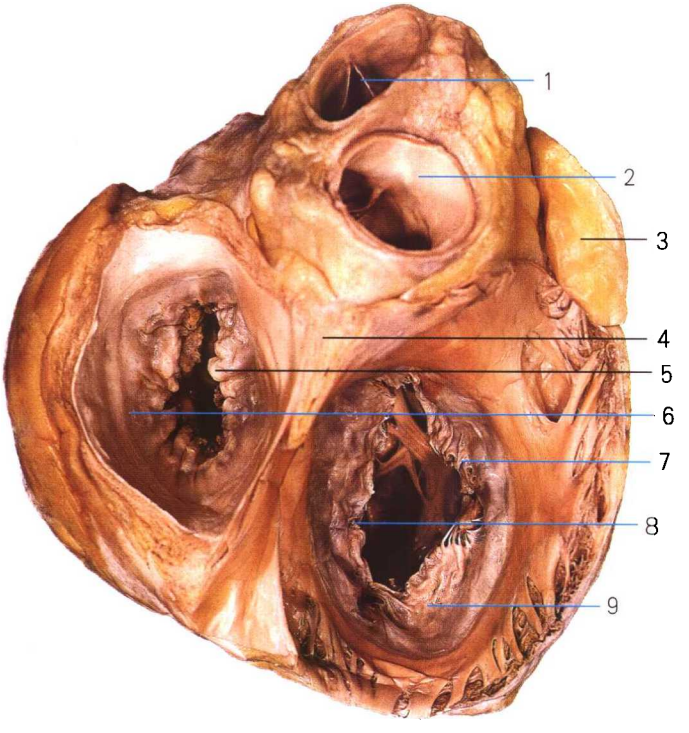
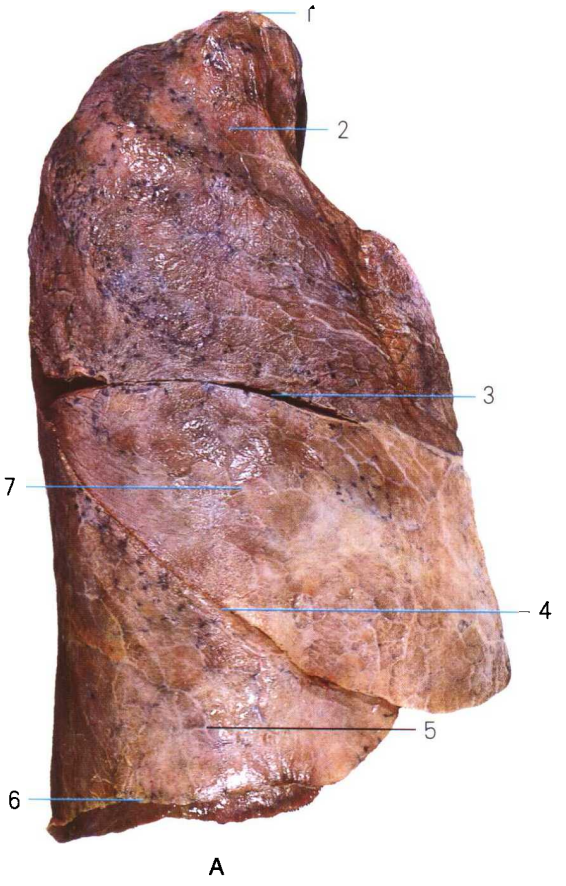


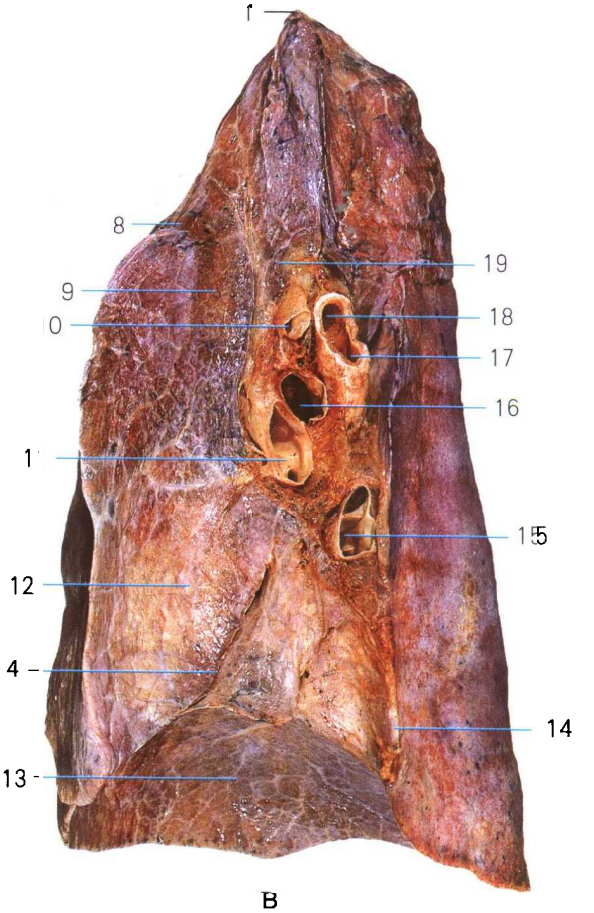
图 141 心的瓣膜(Ⅱ)
Valves of heart(Ⅱ)

1. 肺动脉半月瓣 semilunar cusp of pulmonary trunk
2. 升主动脉 ascending aorta
3. 右心耳 right auricle
4. 右纤维三角 right fibrous trigone
5. 二尖瓣前瓣 anterior cusp of mitral valve
6. 二尖瓣后瓣 posterior cusp of mitral valve
7. 三尖瓣前瓣 posterior cusp of tricuspid valve
8. 三尖瓣隔瓣 anterior cusp of tricuspid valve
9. 三尖瓣后瓣 posterior cusp of tricuspid valve



A

1. 肺尖 apex
2. 上叶 upper lobe
3. 水平裂 horizontal fissure
4. 斜裂 oblique fissure
5. 下叶 lower lobe
6. 下缘 inferior margin
7. 中叶 middle lobe
8. 第一肋压迹 impression for first rib
9. 上腔静脉压迹 impression for superior vena cava
10. 上叶支 superior lobar branche
11. 上肺静脉 superior pulmonary v.
12. 心压迹 cardiac impression
13. 膈面 diaphragmatic surface

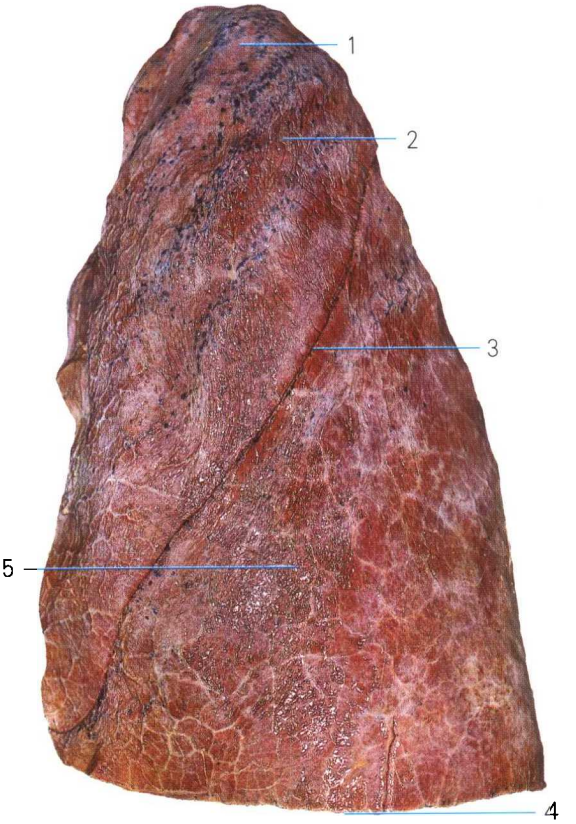


B

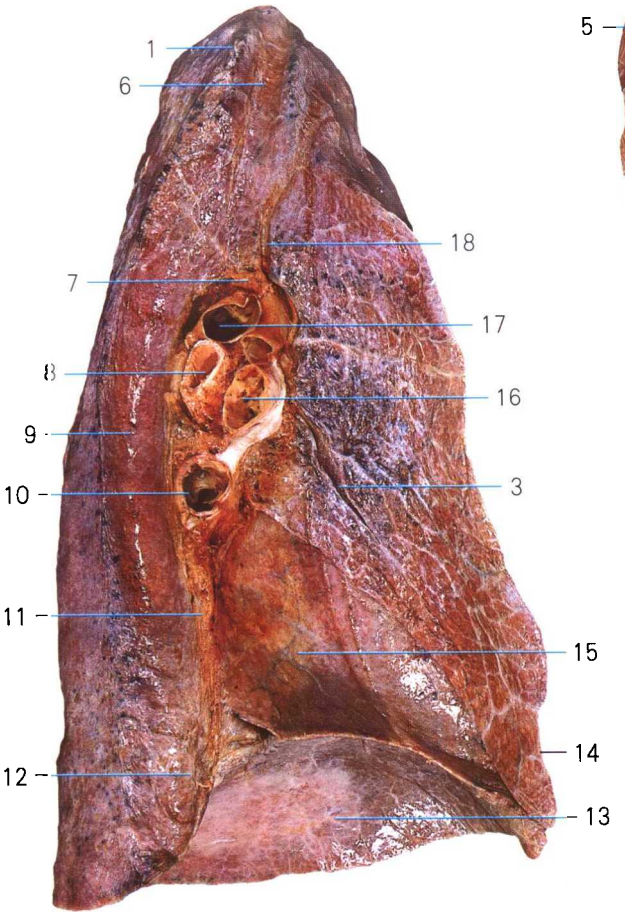
14. 肺韧带 pulmonary ligament
15. 下肺静脉 inferior pulmonary v.
16. 肺动脉叶间部 interlobular part of pulmonary a.
17. 中间支气管 Intermediate bronchus
18. 上叶支气管 suerior lobar bronchus
19. 奇静脉压迹 impression for azygos v.

图 142 右肺(A. 外侧面观，B. 内侧面观)
Right lung(A.lateral aspect,B.medial aspect)

1. 肺尖 apex
2. 上叶 upper lobe
3. 斜裂 oblique fissure
4. 下缘 inferior margin
5. 下叶 lower lobe
6. 食管压迹 impression for esophagus
7. 主动脉弓压迹 impression for arch of aorta
8. 左主支气管 left principal bronchus
9. 降主动脉压迹 impression for descending aorta
10. 下肺静脉 inferior vena vava
11. 肺韧带 pulmonary ligament
12. 食管压迹 impression for esophagus
13. 膈面 diaphragmatic surface



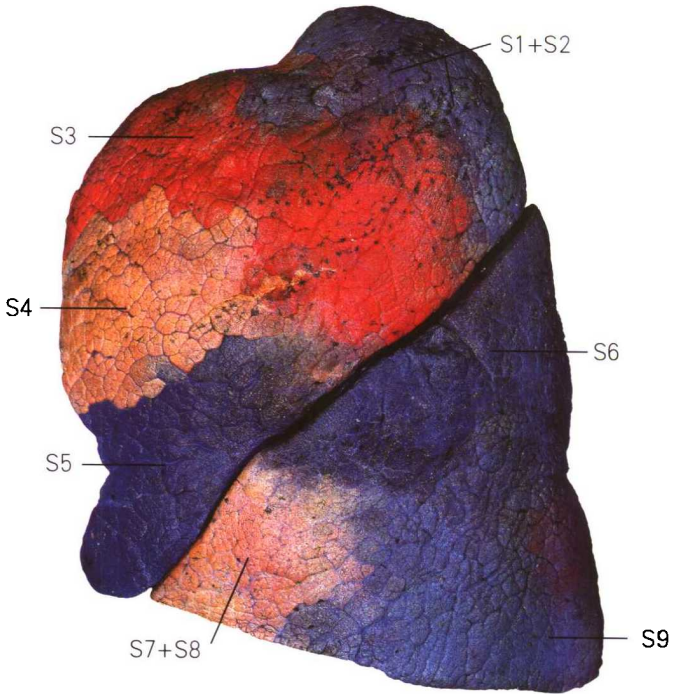
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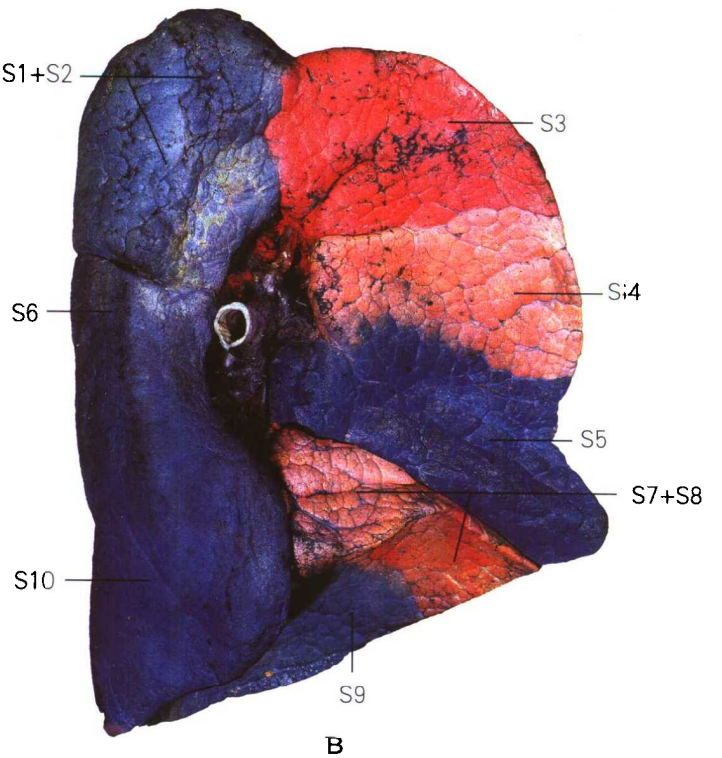
B

14. 心切迹 cardiac notch
15. 心压迹 cardiac impression
16. 上肺静脉 superior pulmonary v.
17. 左肺动脉 left pulmonary a.
18. 左锁骨下动脉压迹 impression for left subclavian a.

图 143 左肺(A. 外侧面观，B. 内侧面观)
Left lung(A.lateral aspect,B.medial aspect)



A



B

S1 + S2. 尖后段 apicoposterior segment
S3. 前段 anterior segment
S4. 上舌段 superior lingular segment
S5. 下舌段 inferior lingular segment
S6. 上段 superior segment
S7 + S8. 内侧底段又称“心底段” medial basal segment(cardac basal segmental + 前底段 anterior basal segment
S9. 外侧底段 lateral basal segmental
S10. 后底段 posterior basal segmental

图 144 左肺支气管肺段(A. 外侧面观，B. 内侧面观)
Bronchopulmonary segments of left lung (A.lateral aspect,B.medial aspect)

S1. 尖段 apical segment
S2. 后段 posterior segment
S3. 前段 anterior segment
S4. 外侧段 lateral segment
S5. 内侧段 medial segmental
S6. 上段 superior segment
S7. 内侧底段又称“心底段” medial segment (cardac basal segment)
S8. 前底段 anterior basal segment
S9. 外侧底段 lateral basal segment
S10. 后底段支气管 posterior basal segment

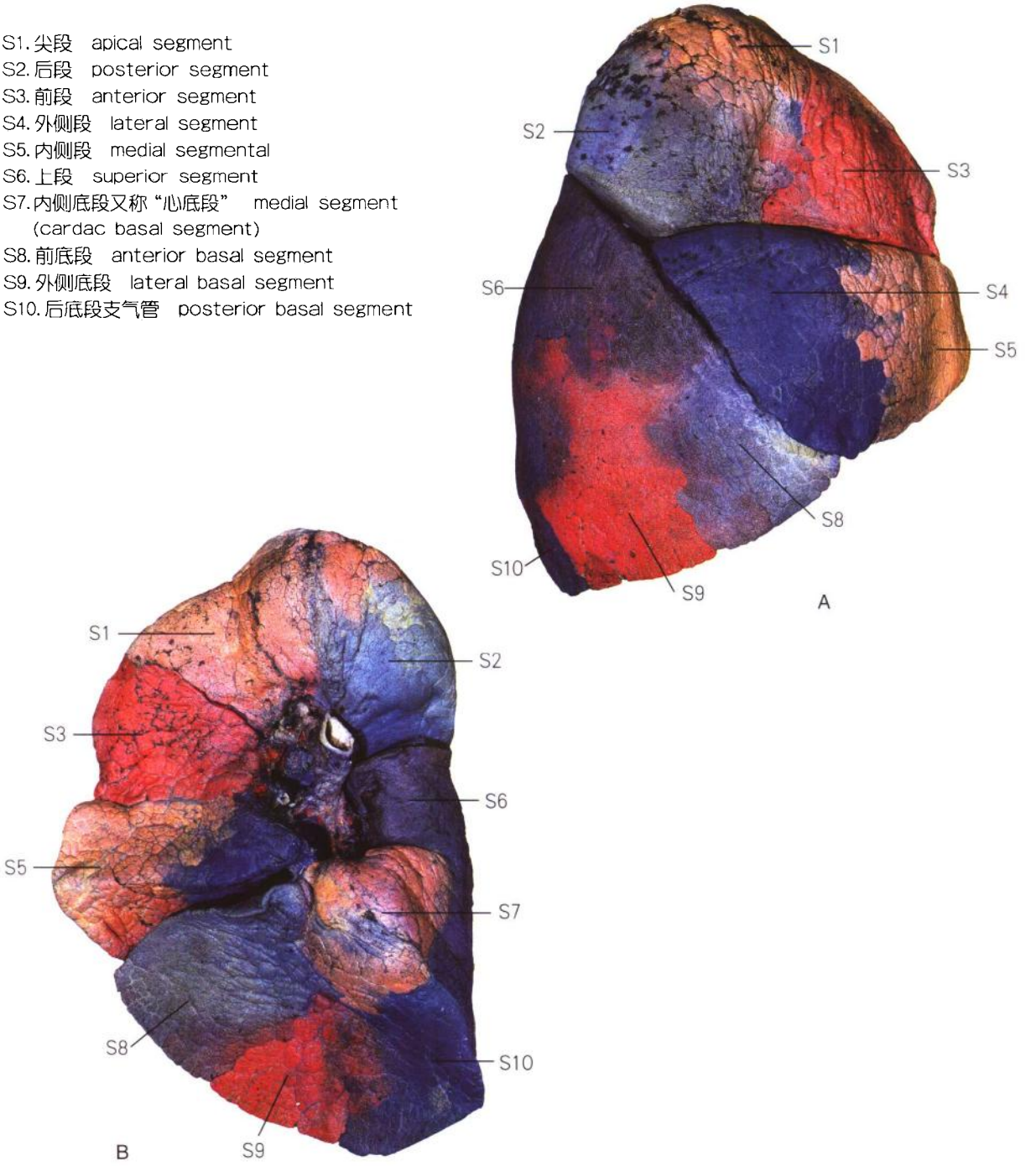
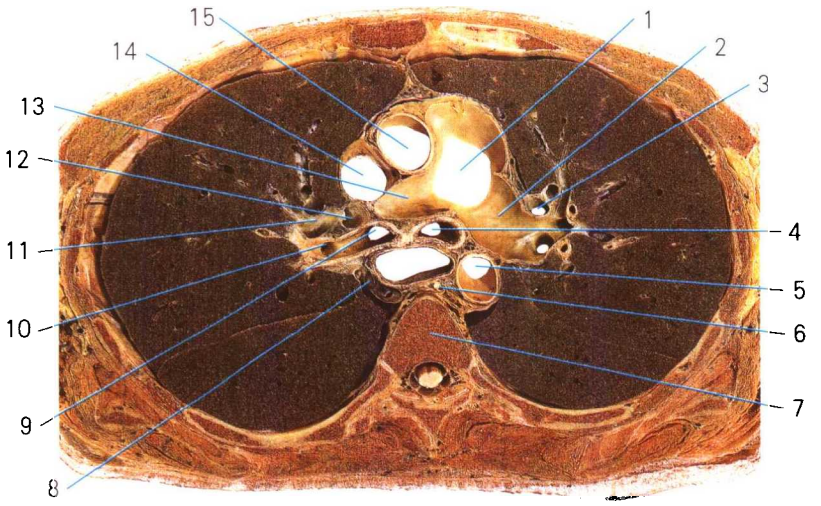


图 145 右肺支气管肺段(A. 外侧面观 ,B. 内侧面观)
Bronchopulmonary segment of right lung
(A.lateral aspect,B.medial aspect)



1. 肺动脉干 pulmonary trunk
2. 左肺动脉 left pulmonary a.
3. 左肺上静脉 left pulmonary v.
4. 左主支气管 left principal bronchus
5. 胸主动脉 thoracic aorta
6. 胸导管 thoracic duct
7. 胸椎椎体 vertebral body
8. 奇静脉 azygos v.
9. 右主支气管 right principal bronchus
10. 右肺上叶支气管 right superior lobar bronchus
11. 右上肺静脉 right superior pulmonary v.
12. 右肺上叶动脉 right superior pulmonary a.
13. 右肺动脉 right pulmonary a.
14. 上腔静脉 superior vena cava
15. 升主动脉 ascending aorta

图 146 经肺动脉分杈平面横断面
The section at the level of the bifurcation of pulmonary trunk on transverse



图 147 经心长轴斜切面
The section at the long axis of the heart on oblique

1. 室间隔膜部 interventricular membranous part
2. 主动脉右前窦、右冠状动脉口 right aortic sinus of (valsalva)and orifice of right coronary a.
3. 上腔静脉 superior vena cava
4. 右上肺静脉 pulmonary trunk
5. 左心房 left atrium
6. 右肺上叶 superior lobar of right lung
7. 右肺下静脉 right inferior pulmonary v.
8. 心包斜窦 oblique pericardial sinus
9. 食管 esophagus
10. 胸主动脉 thoracic aorta
11. 脾 spleen
12. 二尖瓣后瓣 posterior cusp of mitral valve
13. 二尖瓣前瓣 anterior cusp of mitral valve
14. 腱索 chordae tendineae
15. 前乳头肌 anterior papillary m.
16. 室间隔肌性部 interventricular muscular part
17. 右心室 right ventricle

1. 第一胸椎椎体 first thoracic vertebral body
2. 头臂干 brachiocephalic trunk
3. 右肺动脉 right pulmonary a.
4. 左心房 left auricle
5. 食管 esophagus
6. 右心房 right auricle
7. 下腔静脉 inferior vena cava
8. 冠状韧带上层 superior layer of coronary ligament
9. 肝尾状叶 caudate lobe
10. 静脉韧带裂及肝胃韧带 fissure for ligamentum venosum and hepatogastric ligament
11. 第一腰椎椎体 the first lumber vertebral body
12. 胰 pancreas
13. 第五腰椎椎体 fifth lumber vertebral body
14. 尾骨 cocygeal vertebre
15. 直肠 rectum
16. 肛门 anus
17. 睾丸 testis
18. 阴茎 penis
19. 耻骨联合 pubic symphysis
20. 膀胱 urinary bladder
21. 骶岬 promotory
22. 小肠 jejunum
23. 横结肠 transverse colon
24. 横结肠系膜 transverse mesocolon
25. 胃 stomach
26. 肝胃韧带 hepatogastric ligament
27. 肝 liver
28. 右心室 right ventricle
29. 心包腔 serous pericardial cavity
30. 右心耳 right auricle
31. 升主动脉 ascending aorta
32. 胸骨角 sternal angle
33. 左头臂静脉 left brachiocephalic vein
34. 气管 trachea

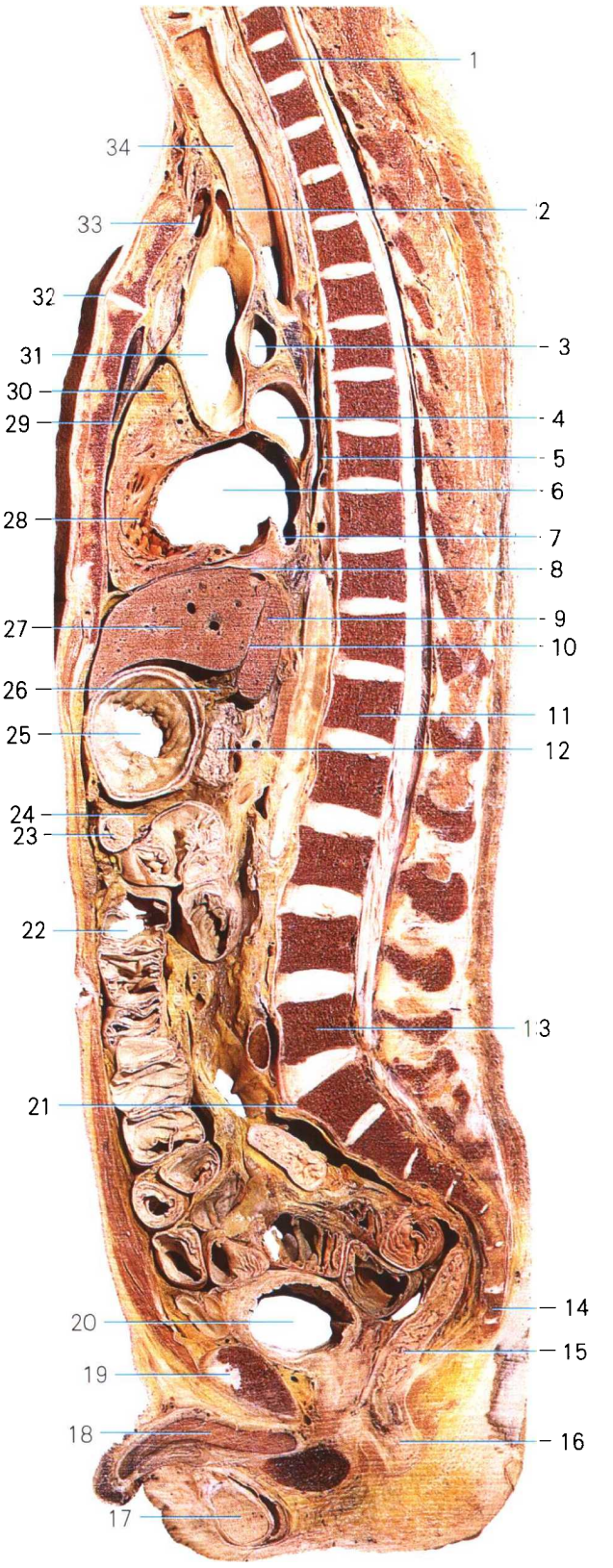
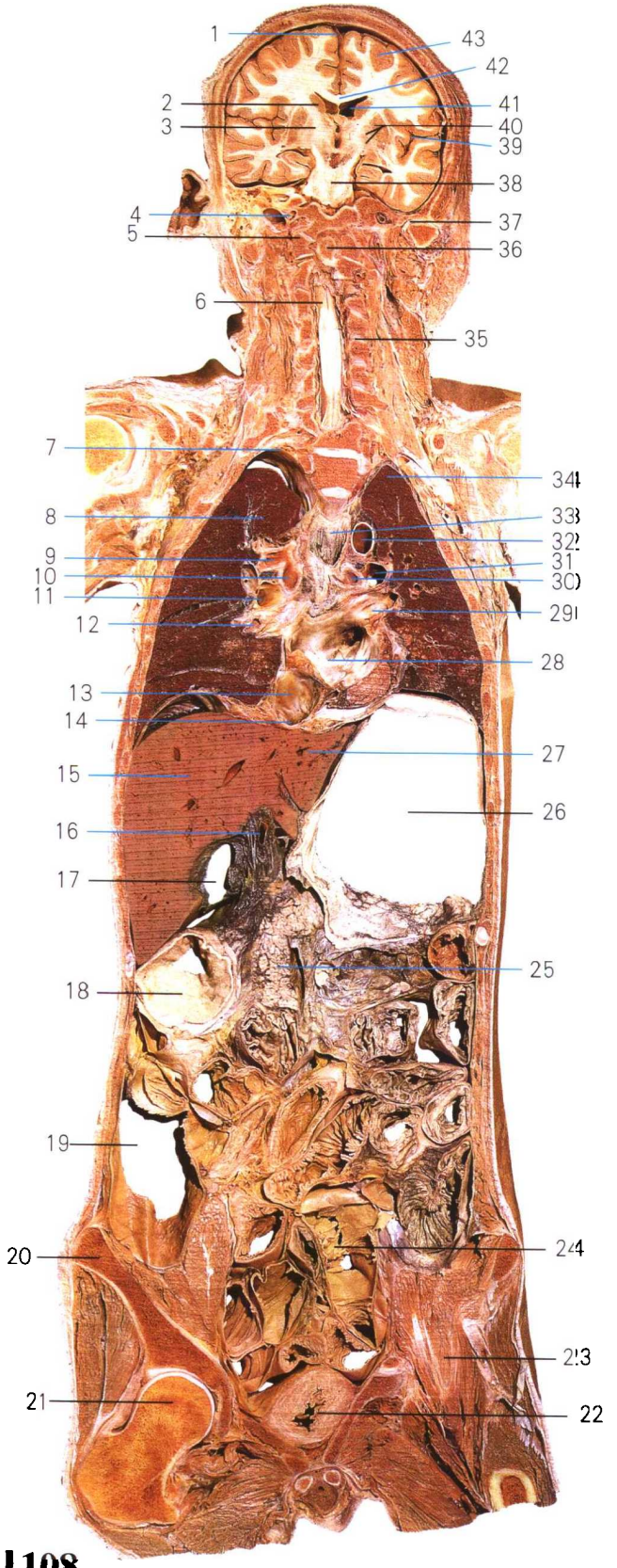


图 148 经腹盆正中矢状切面
Sagittal section through the abdomen and pelvis in median plane

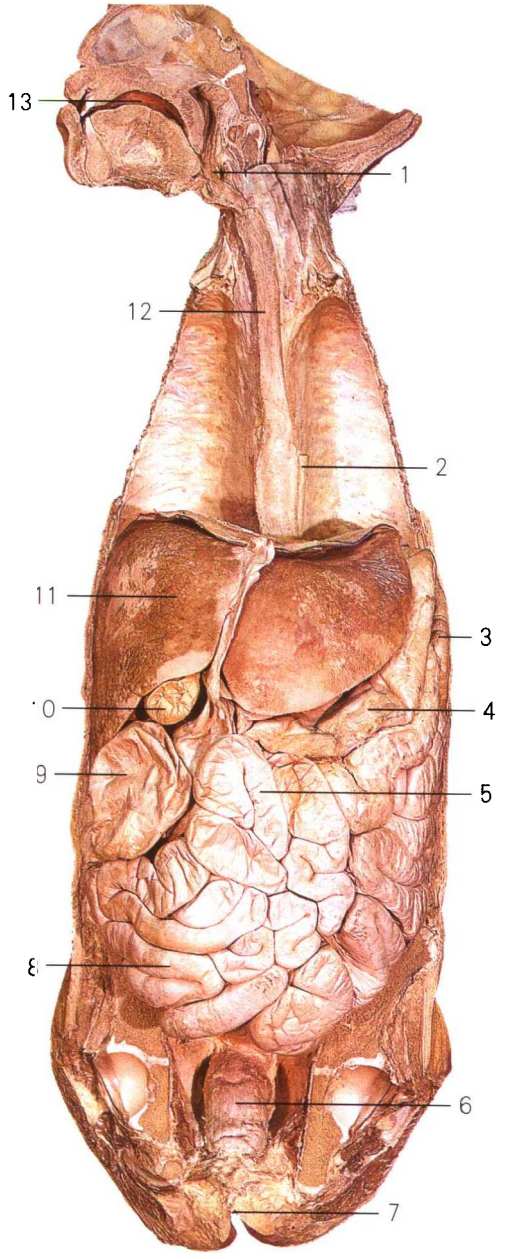


1. 大脑镰 falx cerebri
2. 尾状核 caudate nuclens
3. 内囊 internal capsule
4. 颈内动脉 internal carotid a.
5. 寰枕关节 alantooccipital joint
6. 脊髓 spinal cord
7. 胸膜顶(颈胸膜) cupula(cervical pleura)
8. 右肺上叶 superior lobe of right lung
9. 右肺下叶支气管 right superior lobar bronchus
10. 中间支气管 intermediate bronchus
11. 右肺动脉 right pulmonary a.
12. 右肺下叶支气管 right inferior lobar bronchus
13. 右心房 right atrium
14. 下腔静脉 inferior vena cava
15. 肝右叶 right hepatic lobe
16. 肝门静脉 hepatic portal v.
17. 胆囊 gall bladder
18. 横结肠 transverse colon
19. 升结肠 ascending colon
20. 髂骨 ilium
21. 股骨头 head of femur
22. 膀胱 urinary bladder
23. 髂腰肌 iliopsoas
24. 空肠 jejunum
25. 胰 pancreas
26. 胃 stomach
27. 肝左叶 left lobe of liver
28. 左心房 left atrium
29. 左肺静脉 left pulmonary v.
30. 左主支气管 left principal bronchus
31. 左肺动脉 left pulmonary a.
32. 主动脉弓 arch of aorta
33. 食管 esophagus
34. 左肺尖 apex of lung
35. 颈椎椎间关节 cervical intervertebral joint
36. 齿突 dens
37. 颞下颌关节盘 articular disc of temporomandibular joint
38. 桥脑 pons
39. 外侧沟 lateral(sylvian)sulcus
40. 豆状核 lentiform nucleus
41. 侧脑室 lateral ventricle
42. 胼胝体 corpus callosum
43. 顶叶 parietal lobule

图 149 经齿突冠状断面
Coronal section through the level of the dens of axis(C2)

第 5 章

腹　部



1. 咽 pharynx
2. 胸主动脉 thoracic aorta
3. 脾 spleen
4. 胃 stomach
5. 空肠 jejunum
6. 直肠 rectum
7. 肛门 anus
8. 回肠 ileum
9. 结肠右曲 right colic flexure
10. 胆囊 gallbladder
11. 肝 liver
12. 食管 esophagus
13. 口腔 oral cavity
14. 胸腹壁静脉 thoracoepigastric v.
15. 脐 umbilicus
16. 腹壁浅静脉 superficial epigastric v.
17. 旋髂浅静脉 superficial iliac circumflex v.
18. 大隐静脉 great saphenous v.

图 150 消化系统概观
General arrangment of the digestive apparatus

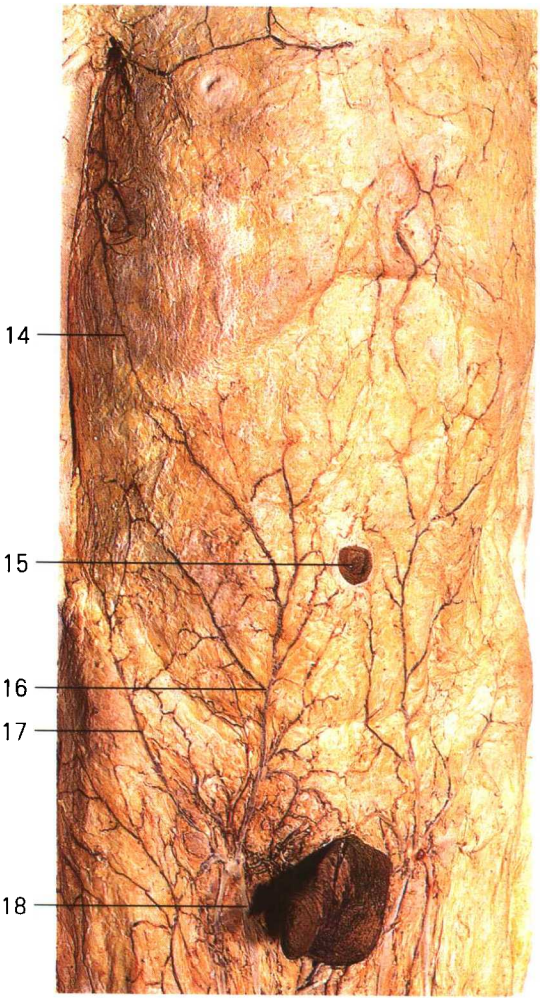


图 151 腹部皮下静脉(Ⅰ)
Aabdominal subcutaneous veins(Ⅰ)

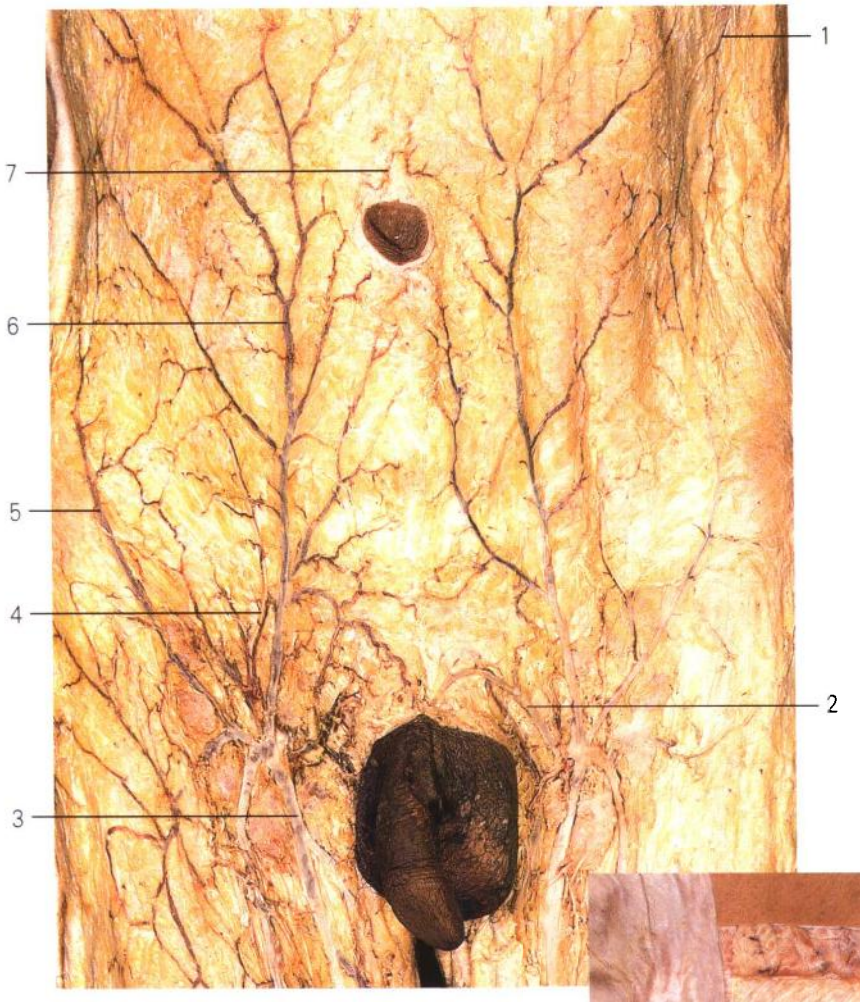
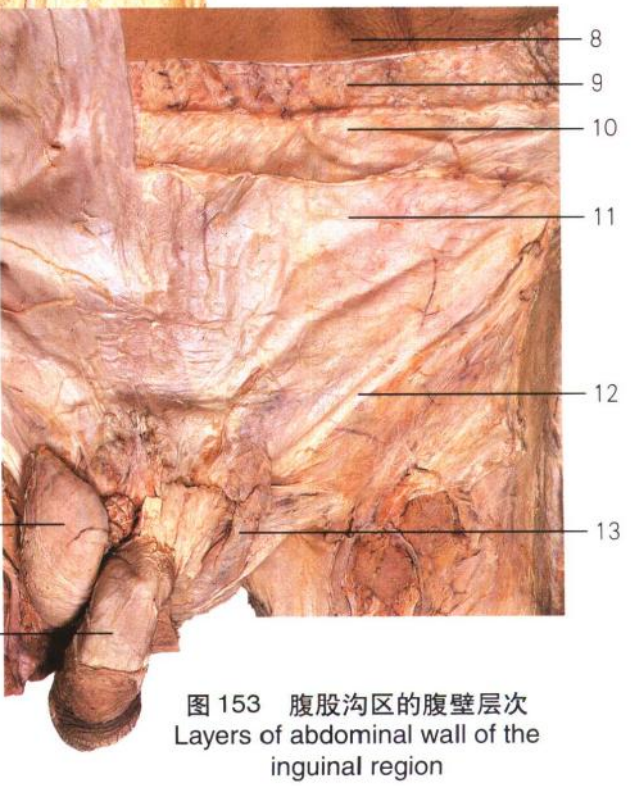


图 152 腹部皮下静脉(Ⅱ)
Abdominal subcutaneous viens(Ⅱ)



1. 胸腹壁静脉 thoracoepigastric v.
2. 阴部外静脉 external pudendal v.
3. 大隐静脉 great saphenoas v.
4. 腹壁浅动脉 superficial epigastric a.
5. 旋髂浅静脉 superficial iliac circumflex v.
6. 腹壁浅静脉 superficial epigastric v.
7. 附脐静脉 paraumbilical v.
8. 皮肤 skin
9. 浅筋膜脂性层 camper fascia
10. 浅筋膜膜层 scarpa fascia
11. 腹外斜肌腱膜 aponeurosis of obliquus externus abdominis
12. 腹股沟韧带 inguinal ligament
13. 精索 spermatic cord
14. 阴茎 penis
15. 睾丸 testis

图 153 腹股沟区的腹壁层次
Layers of abdominal wall of the inguinal region

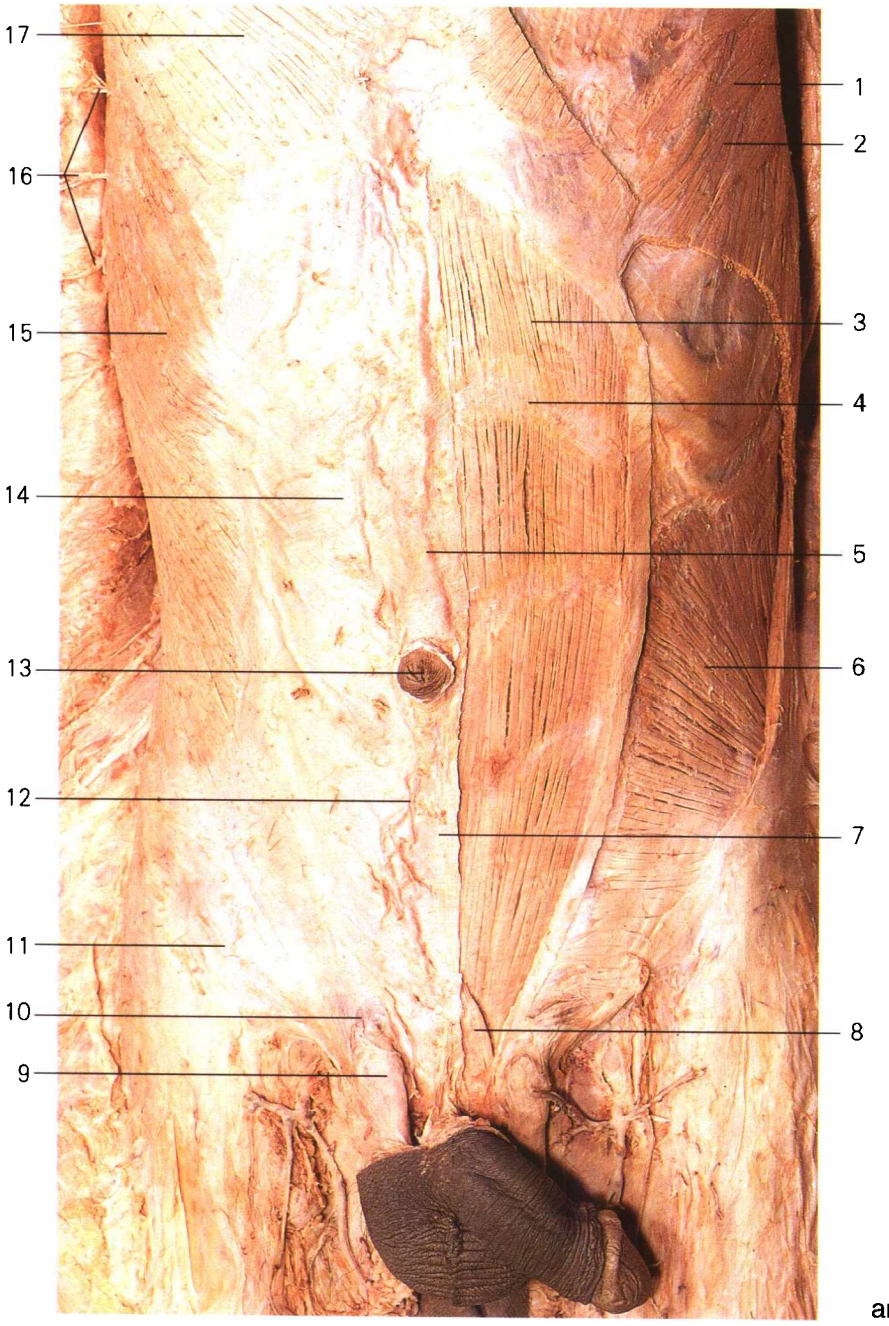


图 154　腹前外侧壁肌层
Musculature of the anterolateral abdominal wall

1. 前锯肌　serratus anterior
2.15. 腹外斜肌　obliquus externus abdominis
3. 腹直肌　rectus abdominis
4. 腱划　tendinous intersections
5.7. 腹白线　linea alba
6. 腹内斜肌　obliquus internus abdominis
8. 锥状肌　pyramidalis
9. 精索　spermatic cord
10. 腹股沟管浅环　superficial inguinal ring
11. 腹股沟韧带　inguinal ligament
12. 胸神经前皮支　anterior cutaneous branch(T.11)
13. 脐　umbilicus
14. 腹直肌鞘前层　anterior layer of sheath of rectus abdominis
16. 外侧皮支（胸神经）　lateral cutaneous branches (thoracic nerves)
17. 胸大肌　pectoralis major

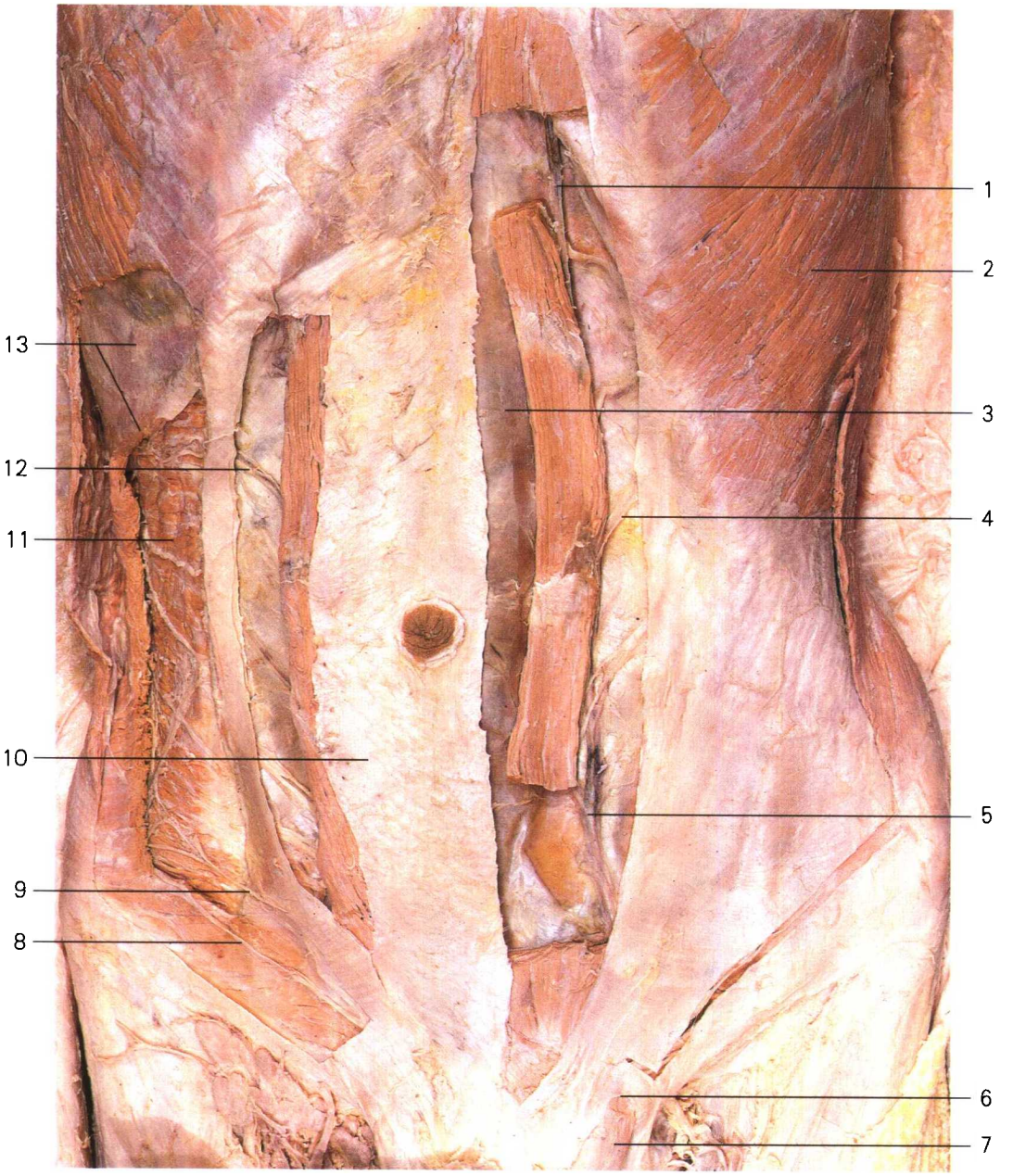
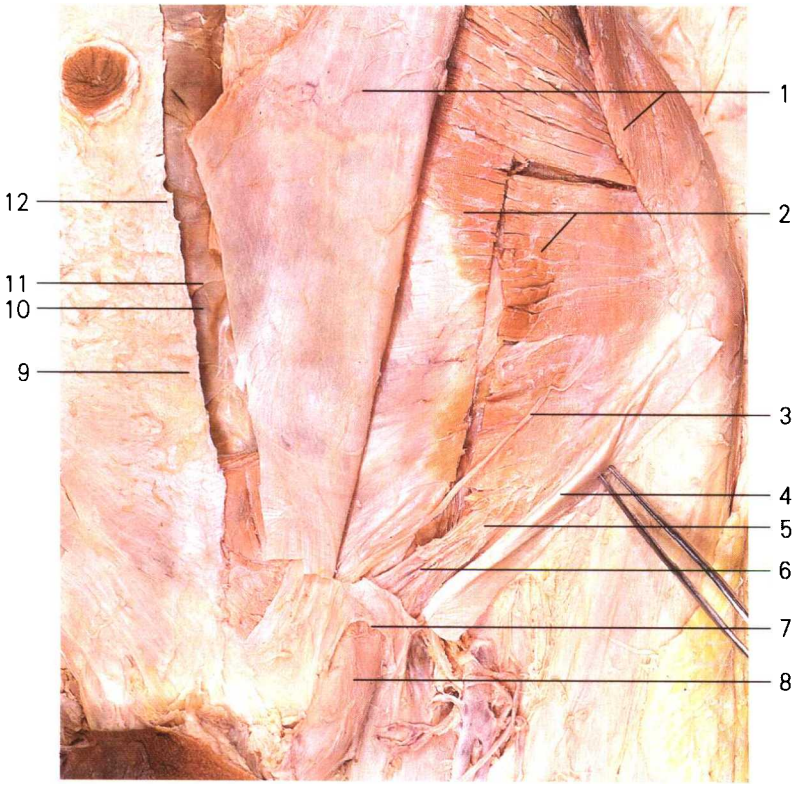


图 155 腹前外侧壁的神经和血管
Nerves and blood vessels of anterolateral wall of abdomen

1. 腹壁上动脉、静脉 superior epigastric a. & v.
2. 腹外斜肌 abliquus externus abdominis
3. 腹直肌鞘后层 posterior layer of sheath of rectus abdominis
4. 第10胸神经 thoracic n.(T.10)
5. 腹壁下动脉、静脉 inferior epigastric a. & v.
6. 腹股沟管浅环 superficial inguinal ring
7. 精索 spermatic cord
8. 髂腹股沟神经 ilioinguinal n.
9. 髂腹下神经 ilioingastric n.
10. 腹直肌鞘前层 anterior layer of sheath of rectus abdominis
11. 腹横肌 trausversus abdominis
12. 第十胸神经及血管 10th thoracic n. and blood vessels
13. 腹内斜肌 obliquus internus abdominis



1. 腹外斜肌 obliquus externus abdominis
2.15. 腹内斜肌 obliquus internus abdominis
3. 髂股下神经 iliohypogastric n.
4. 腹股沟韧带 inguinal ligament
5.8.19. 精索 spermatic cord
6. 髂腹沟神经 ilioinguinal n.
7.20. 浅环 superficial inguinal ring
9. 腹直鞘前层 anterior layer of sheath of rectus abdominis
10.14.24. 腹横筋膜 transversalis fascia
11.25. 弓状线 arcuate line
12.26. 腹直肌鞘后层 posterior layer of sheath of rectus abdominis

图 156 腹股沟管(Ⅰ)
Inguinal canal(Ⅰ)

13.16. 腹横肌 transversus abdominis
17. 腹股沟管深环 deep inguinal ring
18. 凹间韧带 interfoveolar lig.
21. 联合腱 conjoined tendon
22. 锥状肌 pyramidalis
23. 腹直肌 rectus abdominis

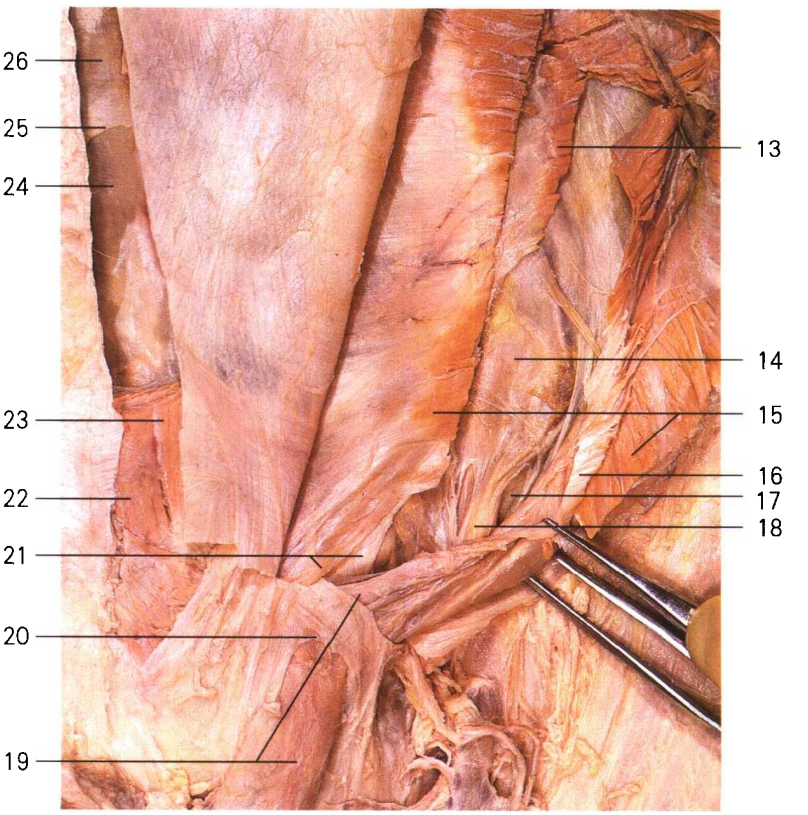


图 157 腹股沟管(Ⅱ)
Inguinal canal(Ⅱ)

1. 脐内侧韧带 medial umbilical ligament
2. 腹膜 peritoneum
3. 腹膜外脂 extraperitoneal fat
4. 膀胱尖 apex of urinary bladder
5. 髂外静脉 external iliac v.
6. 髂外动脉 external iliac a.
7. 腹壁下动静脉 inferior epigastric a. & v.
8. 腹横肌 transversus abdominis
9. 腹直肌 rectus abdominis
10. 中心腱 central tendon
11. 食管腹段 abdominal part of esophagus
12. 左膈下动脉 left inferior phrenic a.
13. 主动脉裂 aortic hiatus
14. 腹主动脉 abdominal aorta
15. 左、右膈足 left and right crus
16. 右膈下动脉 right inferior phrenic a.
17. 腔静脉孔 vena caval foramen

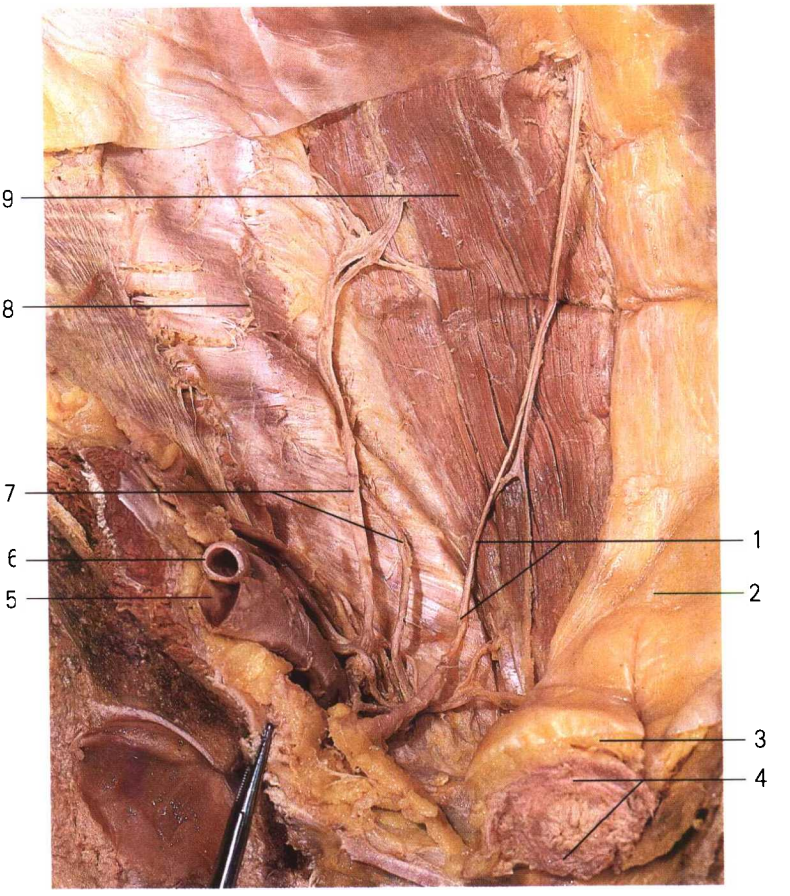


图 158 腹前壁后面观(左)
Posterior aspect of the anterior abdominal wall(left)

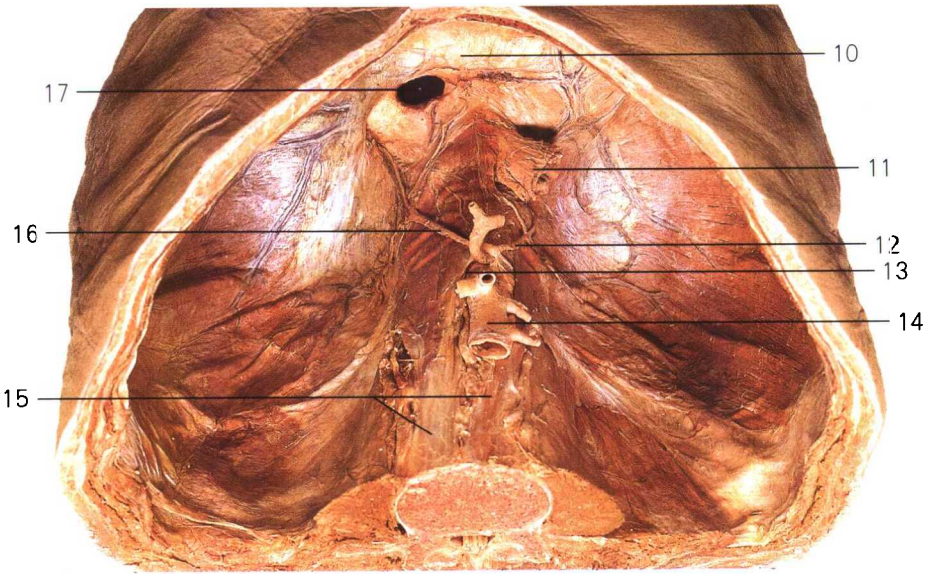


图 159 膈(下面观)
Diaphragm(inferior aspect)

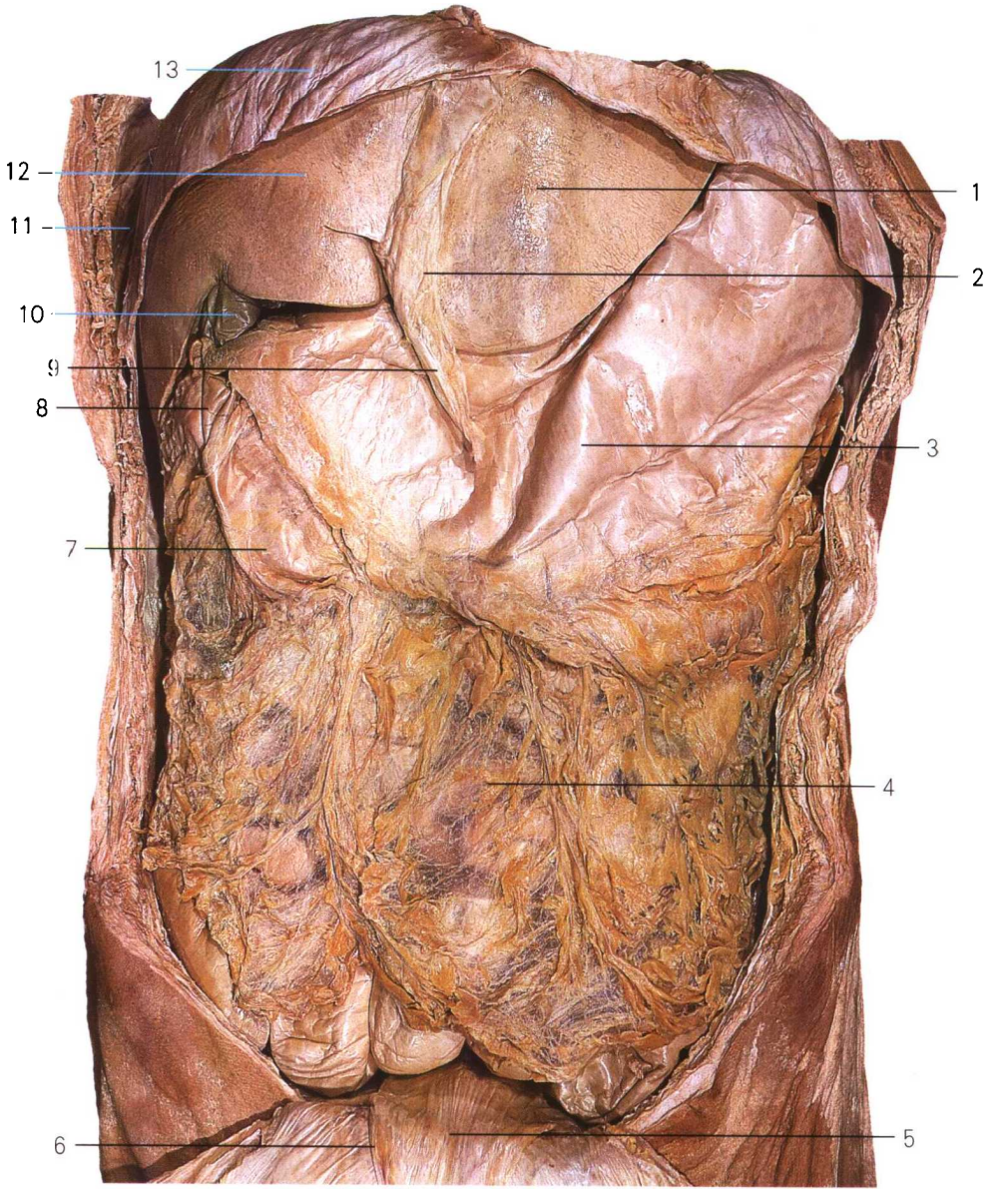


图 160　腹膜的配布(Ⅰ)
Arrangment of the peritoneum(Ⅰ)

1. 肝左叶　left lobe of liver
2. 镰状韧带　falciform ligament of liver
3. 胃　stomach
4. 大网膜　greater omentum
5. 脐正中襞　median umbilical fold
6. 左脐内侧襞　left medial umbilical fold
7. 横结肠　transverse colon
8. 结肠右曲　right colic flexure
9. 肝圆韧带　ligament teres hepatis
10. 胆囊　gall bladder
11. 肋膈隐窝　costodiaphragmatic recess
12. 肝右叶　right lobe of liver
13. 膈　diaphragm

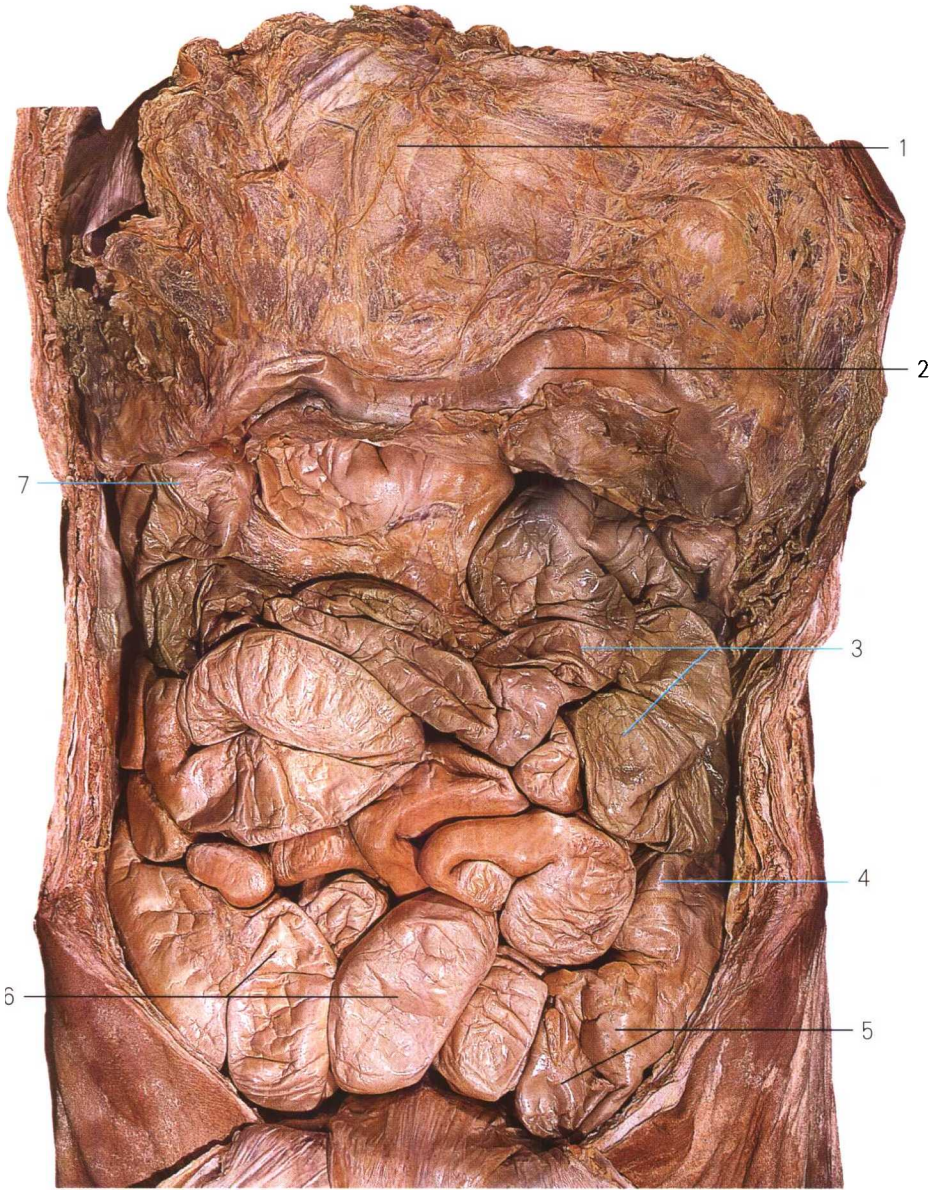
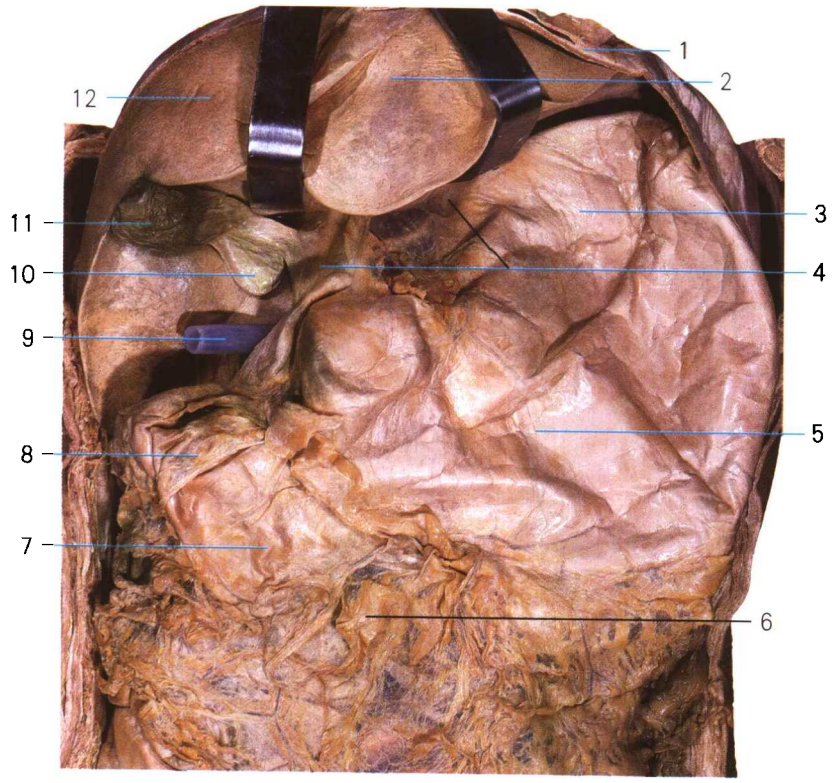


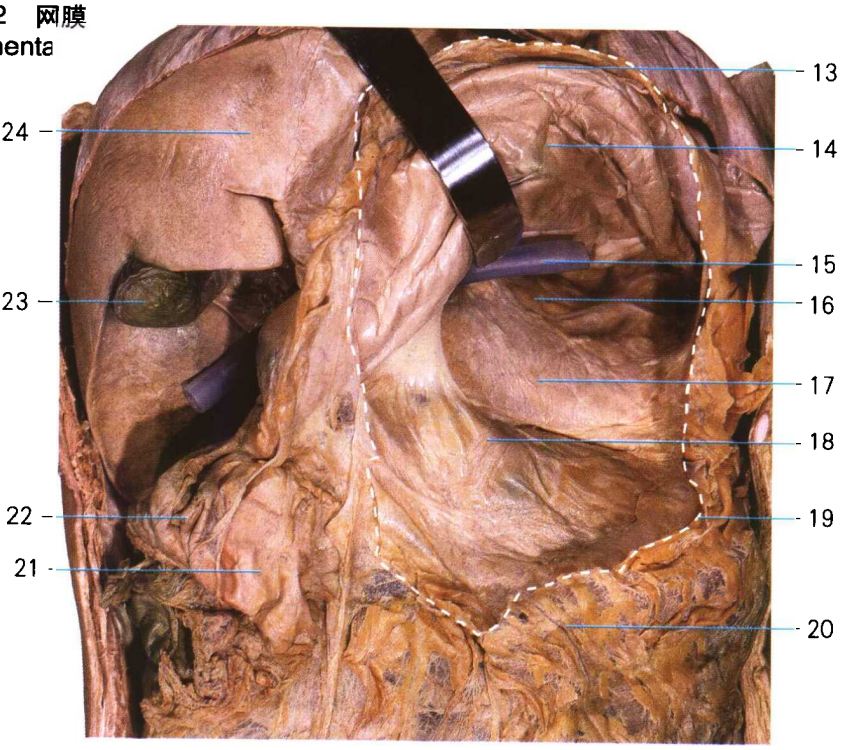
图 161 腹膜的配布(Ⅱ)
Arrangment of the peritoneum(Ⅱ)

1. 大网膜 greater omentum
2. 横结肠 transverse colon
3. 空肠 jejunum
4. 降结肠 descending colon
5. 乙状结肠 sigmoid colon
6. 回肠 ileum
7. 结肠右曲 right colic flexure



1. 膈 diaphragm
2. 肝左叶 left lobe of liver
3.5. 胃 stomach
4. 小网膜 lesser omentum
6.20. 大网膜 greater omentum
7.21. 横结肠 transverse colon
8.22. 结肠右曲 right colic flexure
9.15. 导管(通过网膜孔) catheter (through the omental foramen)
10. 哈特曼囊 (Hartmann's pouch)
11.23. 胆囊底 (fundus of gallbladder)
12.24. 肝右叶 right lobe of liver

图 162 网膜
Omenta



13. 胃大弯 greater curvature of stomach
14. 胃后壁 posterior wall of stomach
16.18. 网膜囊 omental bursa
17. 胰体 the body of pancreas
19. 切缘 cut edge

图 163 网膜囊
Omental bursa

1. 胃底 fundus of stomach
2. 贲门切迹 cardiac incisure
3. 胃体 body of stomach
4. 胃大弯 greater curvature of stomach
5. 胃肌层 musculature of stomach
6. 幽门窦 pyloric antrum
7. 幽门管 pyloric canal
8. 幽门 pylorus
9. 十二指肠上部 superior part of duodenum
10. 角切迹 angular incisure
11. 胃小弯 lesser curvature
12. 贲门 cardia
13. 食管腹部 abdominal part of esophagus

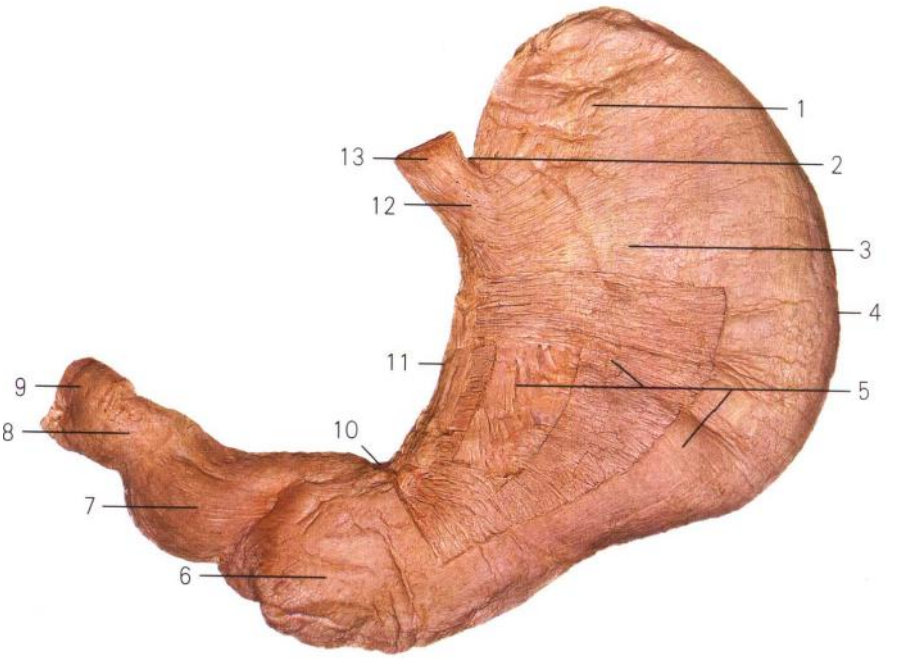


图 164 胃(Ⅰ)
Stomach(Ⅰ)

14. 胃粘膜皱襞 gastric folds
15.16. 胃小凹 gastric pit
17. 幽门括约肌 pyloric sphincter
18. 十二指肠皱襞 folds of duodenum
19. 胃路 gastric canal
20. 食管纵皱襞 longitudinal folds of esophagus

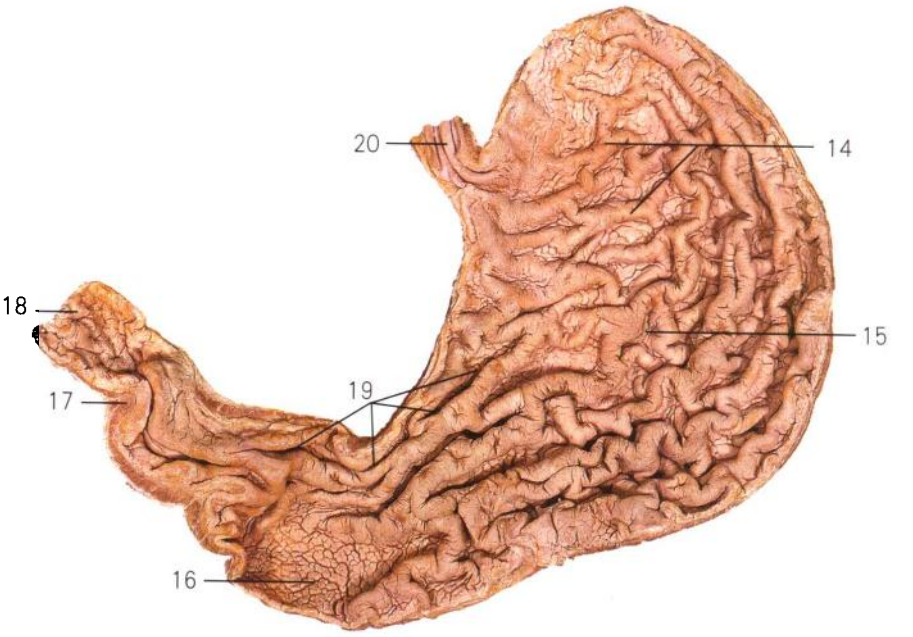


图 165 胃(Ⅱ)
Stomach(Ⅱ)

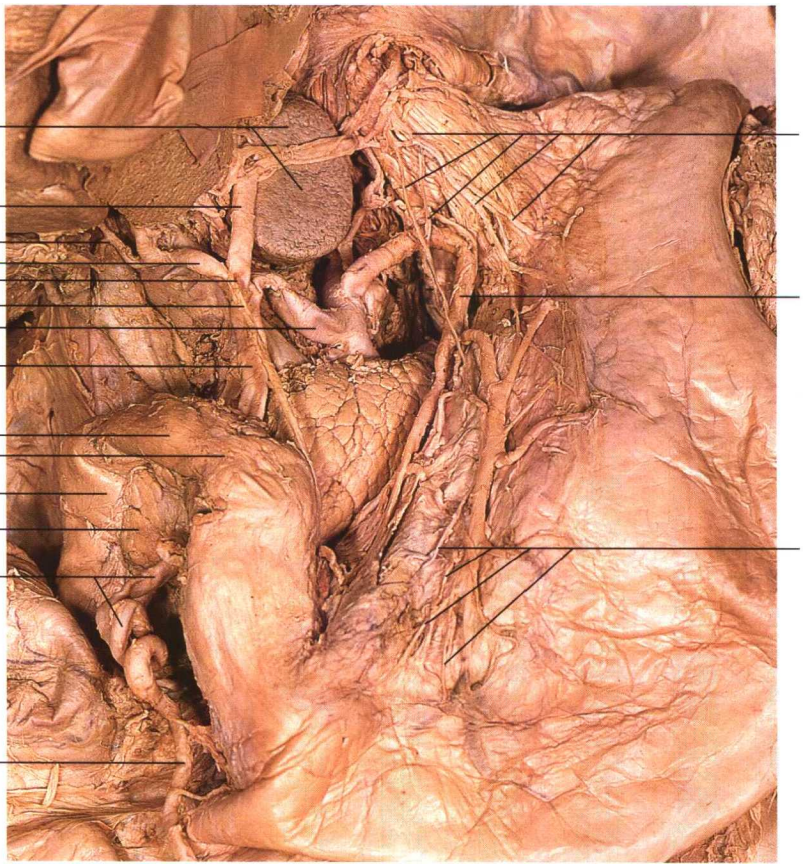


图 166　胃的神经、动脉
Nerves and arteries of stomach

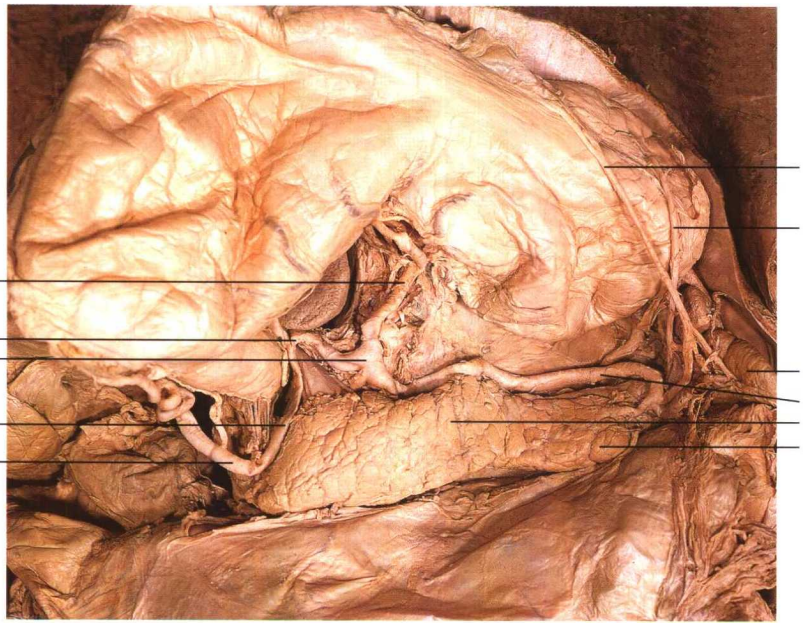
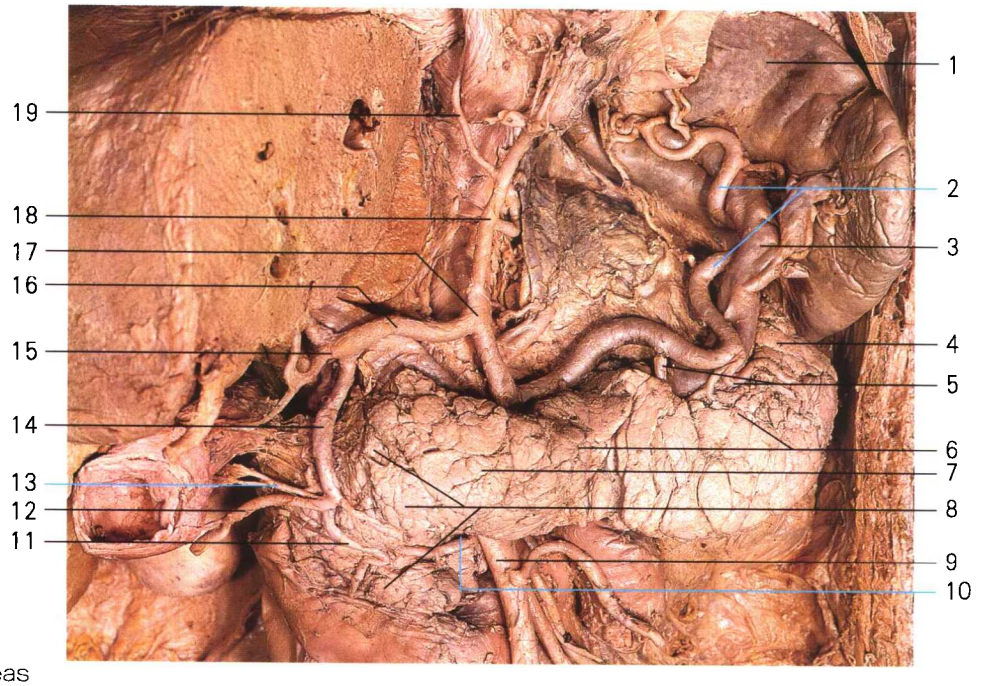


图 167　胃的动脉
Arteries of stomach

1. 迷走神经前干分支 branches of anterior vagal trunk
2.28. 胃左动脉 left gastric a.
3. 至幽门部分支 branches to pyloric part
4.24. 胃网膜右动脉 right gastroepiploic a.
5.10.25. 胃十二指肠动脉 gastroduodenal a.
6. 胰头 head of pancreas
7. 十二指肠降部 descending part of duodenum
8. 幽门 pylorus
9. 十二指肠上部 superior part of duodenum
11.27. 肝总动脉 common hepatic a.
12. 胃右动脉 right gastric a.
13. 肝固有动脉 proper hepatic a.
14. 肝右动脉 right branch of proper hepatic a.
15. 胆囊动脉 cystic a.
16. 肝左动脉 left branch of proper hepatic a.
17. 肝尾叶 caudate lobe
18. 胃网膜左动脉 left gastroepiploic a.
19. 胃短动脉 short gastric a.
20. 脾 spleen
21. 脾动脉 splenic a.
22. 胰体 body of pancreas
23. 胰尾 tail of pancreas
26. 腹腔动脉干 celiac trunk



1. 脾 spleen
2. 脾动脉 splenic a.
3. 脾静脉 splenic v.
4. 胰尾 tail of pancreas
5. 胰支 pancreatic branches
6. 胰体 body of pancreas
7. 胰颈 neck of pancreas
8. 胰头 head of pancreas
9.21. 肠系膜上动脉 superior mensenteric a.
10.20. 肠系膜上静脉 superior mensenteric v.
11.29. 胰十二指肠前上动脉 anterior superior pancreaticoduodenal a.
12.28. 胃网膜右动脉 right gastroepiploic a.
13. 胰十二指肠后上动脉 posterior superior pancreaticoduodenal a.
14.30. 胃十二指肠动脉 gastroduodenal a.
15.31. 肝固有动脉 proper hepatic a.
16. 肝总动脉 common hepatic a.
17. 腹腔动脉干 celiac trunk
18. 胃左动脉 left gastric a.
19. 食管支 esophageal branches
22. 胰十二指肠前下动脉 anterior inferior pancreaticoduodenal a.
23. 十二指肠空肠曲 duodenojejunal flexure
24. 胰十二指肠后下动脉 posterior inferior pancreaticoduodenal a.
25. 十二指肠升部 ascending part
26. 十二指肠下部 inferior part
27. 十二指肠降部 descending part

图 168 腹腔动脉干及胰
Celiac trunk and pancreas

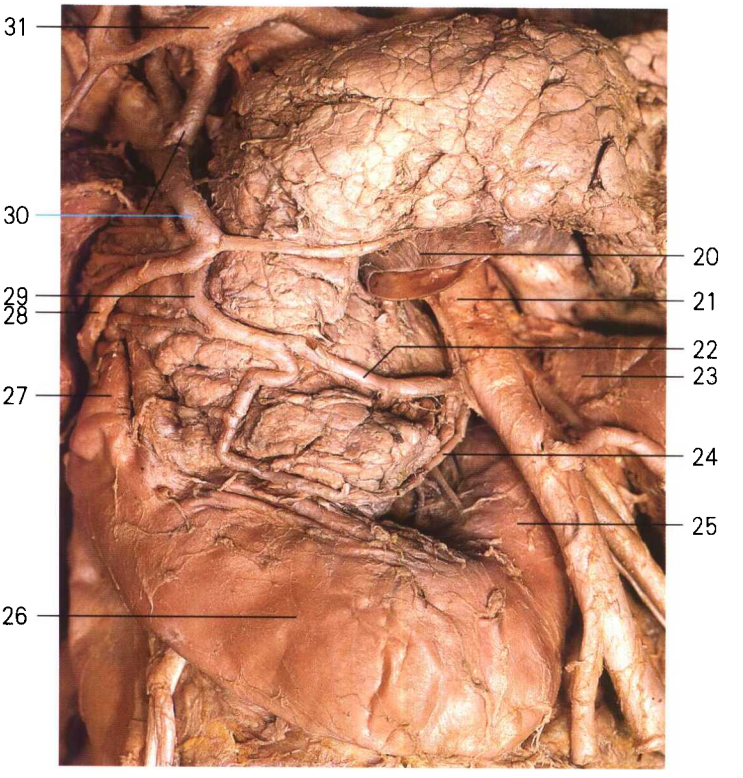


图 169 胰头及十二指肠的动脉
Arteries of the head of pancreas and duodenum

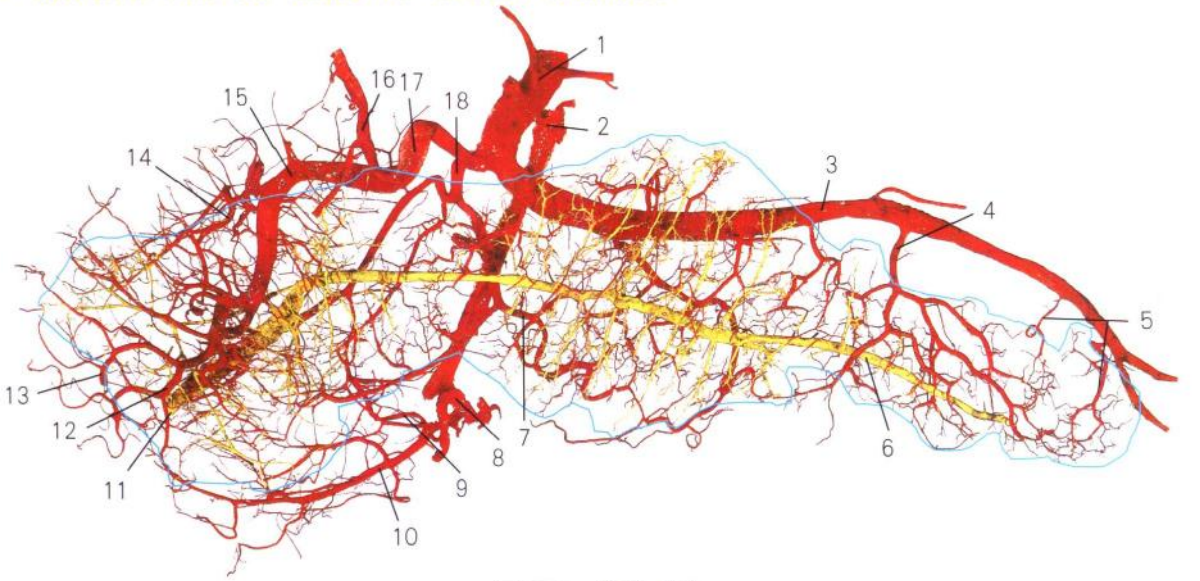


图 170　胰的动脉
Arteries of the pancreas

1. 腹腔干　celiac trunk
2. 肠系膜上动脉　superior mensenteric a.
3. 脾动脉　splenic a.
4. 胰大动脉　great pancreatic a.
5. 胰尾动脉　caudal pancreatic a.
6.11. 胰管　pancreatic duct
7. 胰下动脉　inferior pancreatic a.
8. 空肠动脉　jejunal a.
9.10. 胰十二指肠下动脉　inferior pancreaticoduodenal a.
12. 胰十二指肠上前动脉　anterior superior pancreaticoduodenal a.
13. 胃网膜右动脉　right gastroepiploic a.
14. 胰十二指肠上后动脉　posterior superior pancreaticoduodenal a.
15. 胃十二指肠动脉　gastroduodenal a.
16. 肝固有动脉　proper hepatic a.
17. 肝总动脉　common hapatic a.
18. 胰背动脉　dorsal pancreatic a.
19.28. 脾切迹　splenic notches
20.27. 前端　anterior extremity
21.29. 脾静脉　splenic v.
22.30. 脾动脉　splenic a.
23. 脏面　visceral surface
24.32. 后端　postior extrimity
25. 膈面　diaphragmatic surface
26. 下缘　inferior border
31. 上缘　superior border

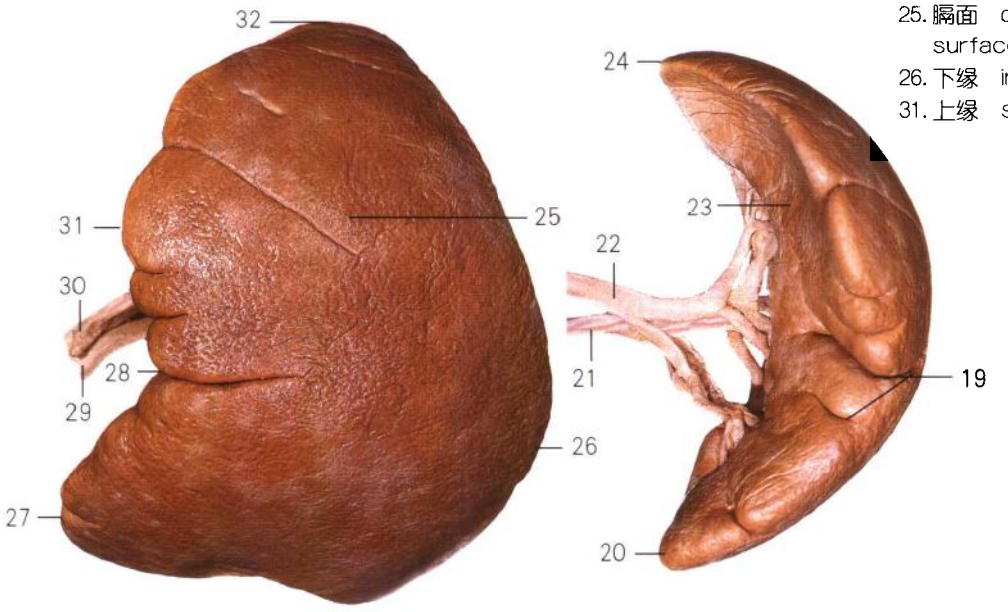


图 171　脾
Spleen

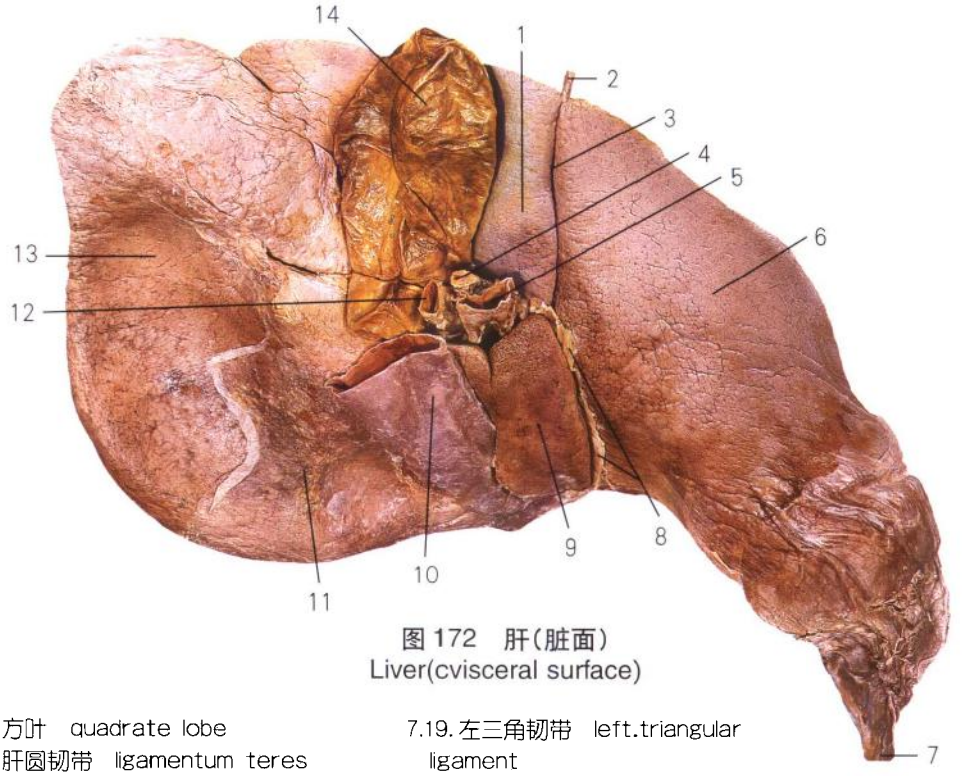
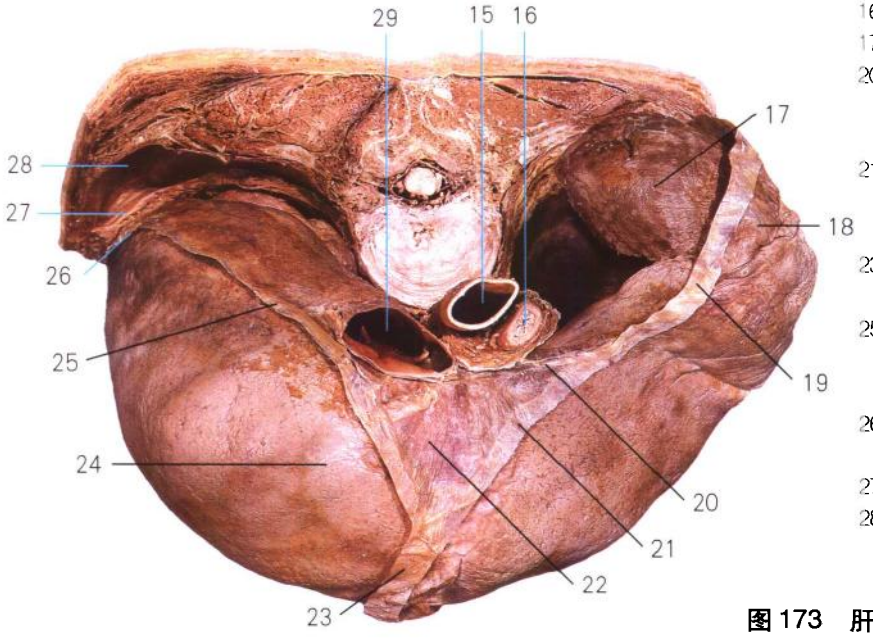


图 172 肝(脏面)
Liver(cvisceral surface)

1. 方叶 quadrate lobe
2. 肝圆韧带 ligamentum teres hapatis
3. 肝圆韧带裂 fissure for ligameutum teres hepatis
4. 肝固有动脉 proper hepatic a.
5.(肝)门静脉 portal v.
6.18. 肝左叶 left lobe of liver
7.19. 左三角韧带 left.triangular ligament
8. 肝胃韧带 hepatogastric ligament
9. 尾状叶 caudate lobe
10.29. 下腔静脉 inferior vena cava
11.22. 肝裸区 bare area of liver



12. 胆总管 common bile duct
13.24. 肝右叶 right lobe of liver
14. 胆囊 gall bladder
15. 主动脉 aorta
16. 食管 esophagus
17. 脾 spleen
20. 左冠状韧带后层 posterior layer of left coronary ligament
21. 左冠状韧带前层 anterior layer of left coronary ligament
23. 镰状韧带 falciform ligament of liver
25. 右冠状韧带上层 superior layer of right coronary ligament
26. 右三角韧带 right triangular ligament
27. 膈 diaphragm
28. 肋膈隐窝 costodiaphragmatic recess

图 173 肝(上面观)
Liver(superior aspect)

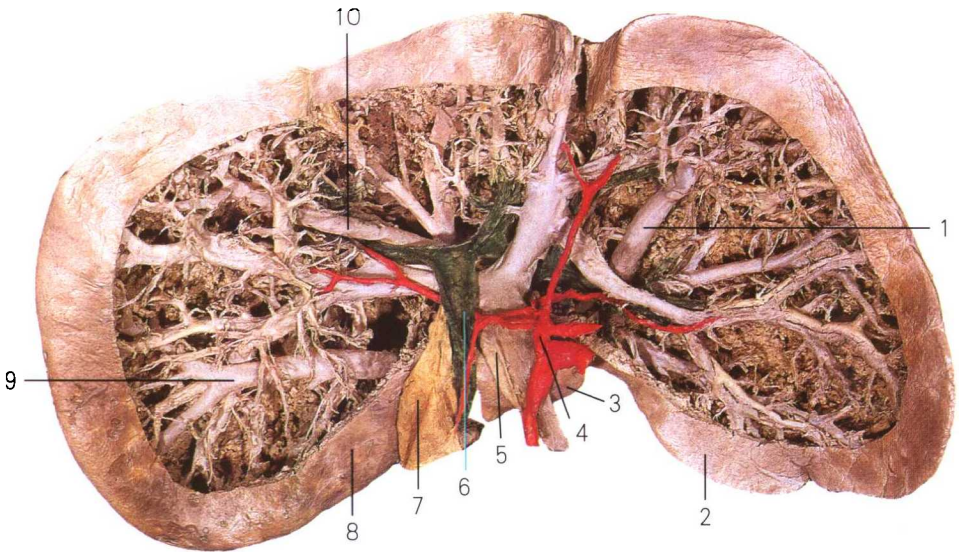
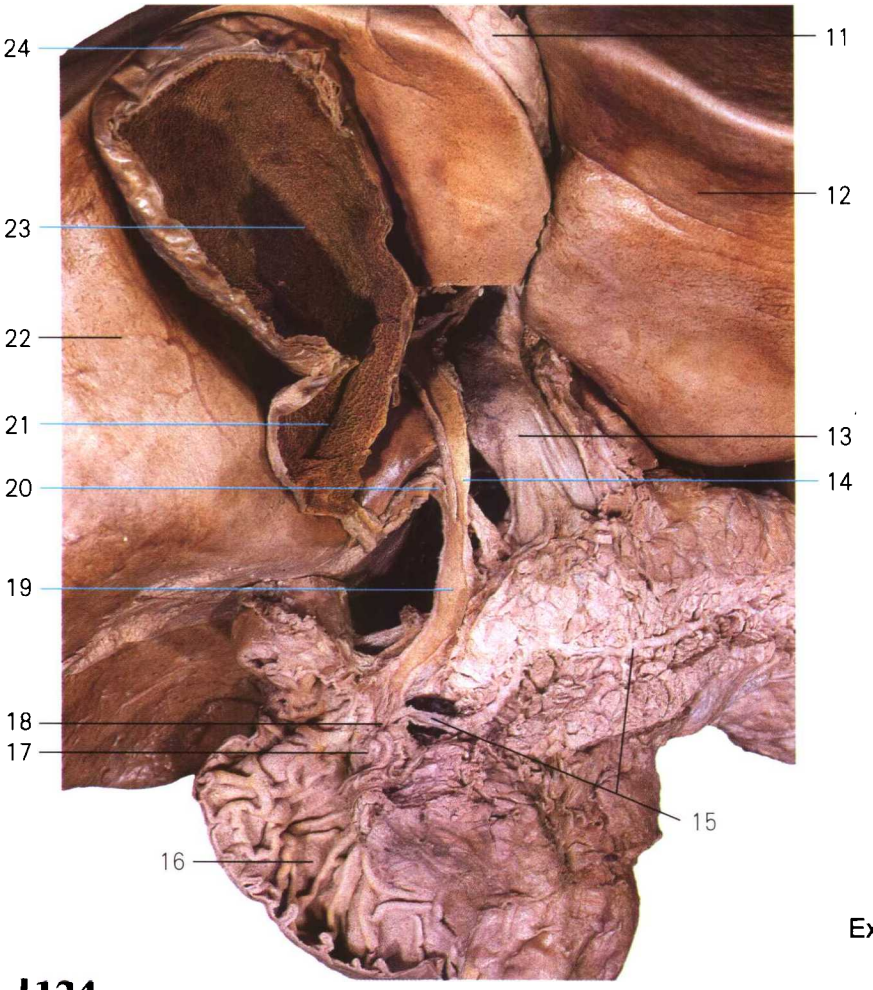


图 174　肝内的血管和胆管
The blood vessels and bile ducts in the liver



1.9.10. 肝静脉　hepatic v.
2.12. 肝左叶　left lobe of liver
3. 尾状叶　caudate lobe of liver
4. 肝固有动脉　proper hepatic a.
5.13. 门静脉　portal v.
6.14. 肝总管　common hepatic duct
7. 胆囊　gall bladder
8.22. 肝右叶　right lobe of liver
11. 肝圆韧带　ligamentum teres hepatis
15. 胰管　pancreatic duct
16. 十二指肠降部　descending part of duodenum
17. 十二指肠大乳头　major duodenal papilla
18. 肝胰腹壶　hepatopancreatic ampulla
19. 胆总管　common bile duct
20. 胆囊管　cystic duct
21. 胆囊颈　neck of gallbladder
23. 胆囊体　body of gallbladder
24. 胆囊底　fundus of gallbladder

图 175　肝外胆道
Extrahepatic bile ducts

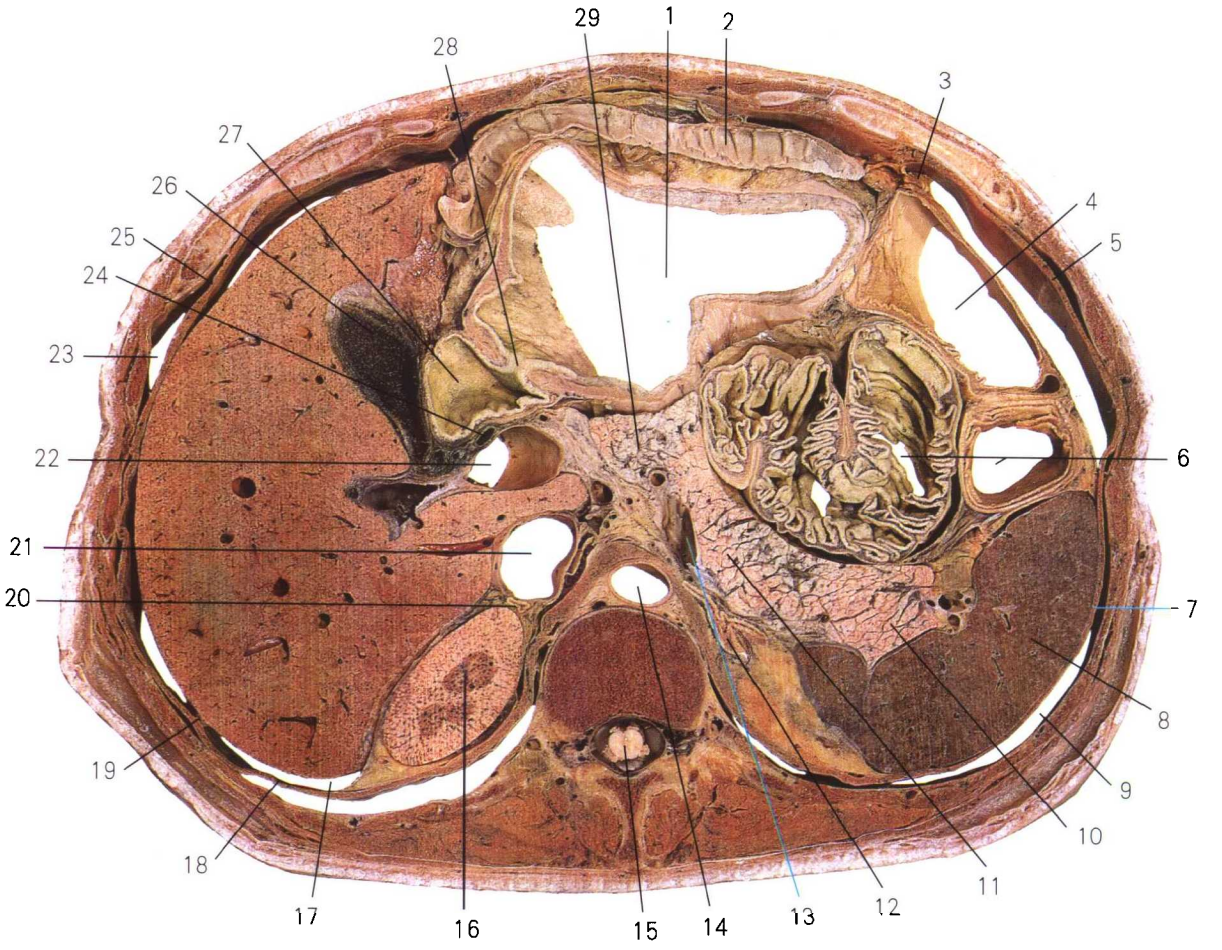


图 176 幽门平面横断面
Transverse section at level of pylorus

1. 胃 stomach
2. 回肠 ilium
3. 膈结肠韧带 phrenicocolic ligament
4. 结肠左曲 left colic flexure
5.7.18.25. 膈 diaphragm
6. 空肠 jejunum
8. 脾 spleen
9.23. 肋膈隐窝 costodiaphragmatic recess
10. 胰尾 tail of pancreas
11. 胰体 body of pancreas
12. 左肾上腺 left suprarenal gland
13. 脾静脉 splenic v.
14. 腹主动脉 abdominal aorta
15. 脊髓 spinal cord
16. 右肾 right kidney
17. 肝肾隐窝(囊) hepatorenal recess(pouch)
19. 右三角韧带 right triangular ligament
20. 右肾上腺 right suprarenal gland
21. 下腔静脉 inferior vena cava
22.(肝)门静脉 portal v.
24. 胆总管 common bile duct
26. 胆囊 gall bladder
27. 十二指肠上部 superior part of duodenum
28. 幽门口 pyloric orifice
29. 胰头 head of pancreas

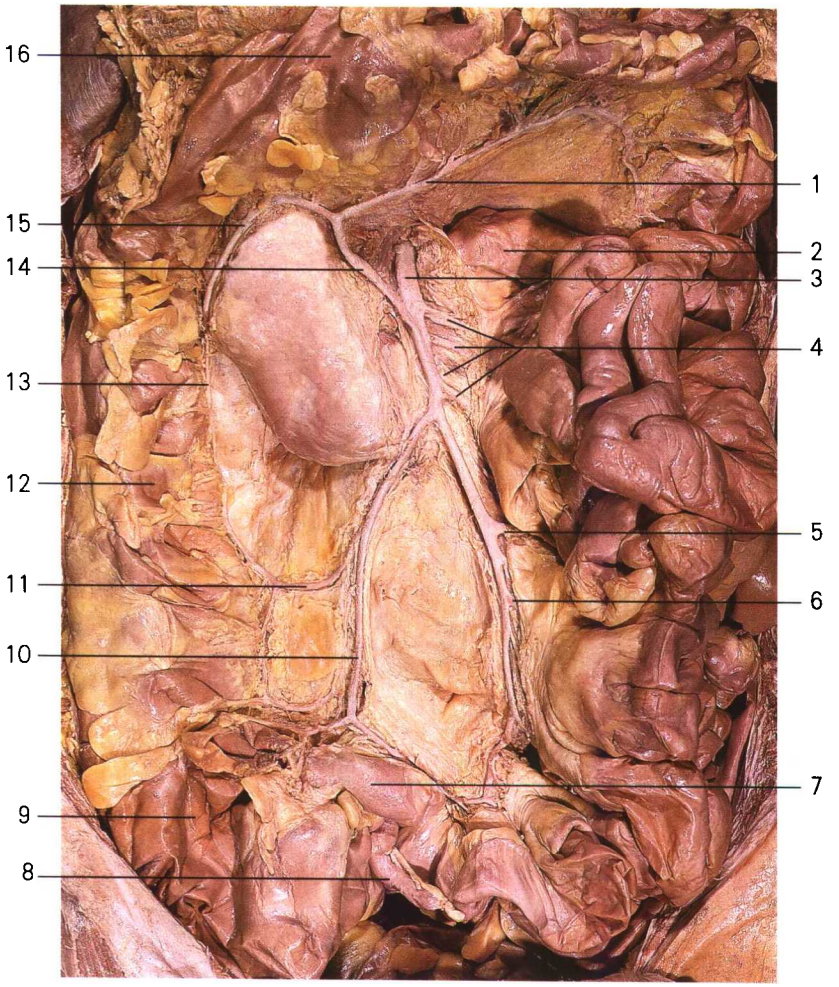


图 177　肠系膜上动脉
Surperior mensenteric artery

1. 左支　left branch
2. 十二指肠空肠曲　duodenojejunal flexure
3. 肠系膜上动脉　superior mensenteric a.
4.5. 空肠动脉　jejunal a.
6. 回肠动脉　ileal a.
7.19. 回肠　ileum
8.22. 阑尾　vermiform appendix
9.23. 盲肠　cecum
10.17. 回结肠动脉　ileocolic a.
11. 右结肠动脉　right colic a.
12.24. 升结肠　ascending colon
13. 边缘动脉　marginal a.
14. 中结肠动脉　middle colic a.
15. 右支　right branch
16. 横结肠　transverse colon
18.20. 阑尾动脉，静脉 appendicular a. & v.
21. 阑尾系膜　mesoappendix

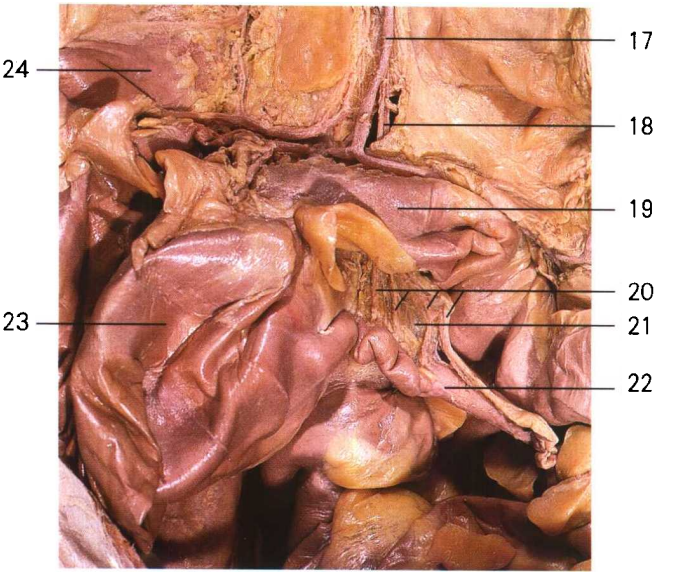


图 178　回结肠动脉
Ileocolic artery

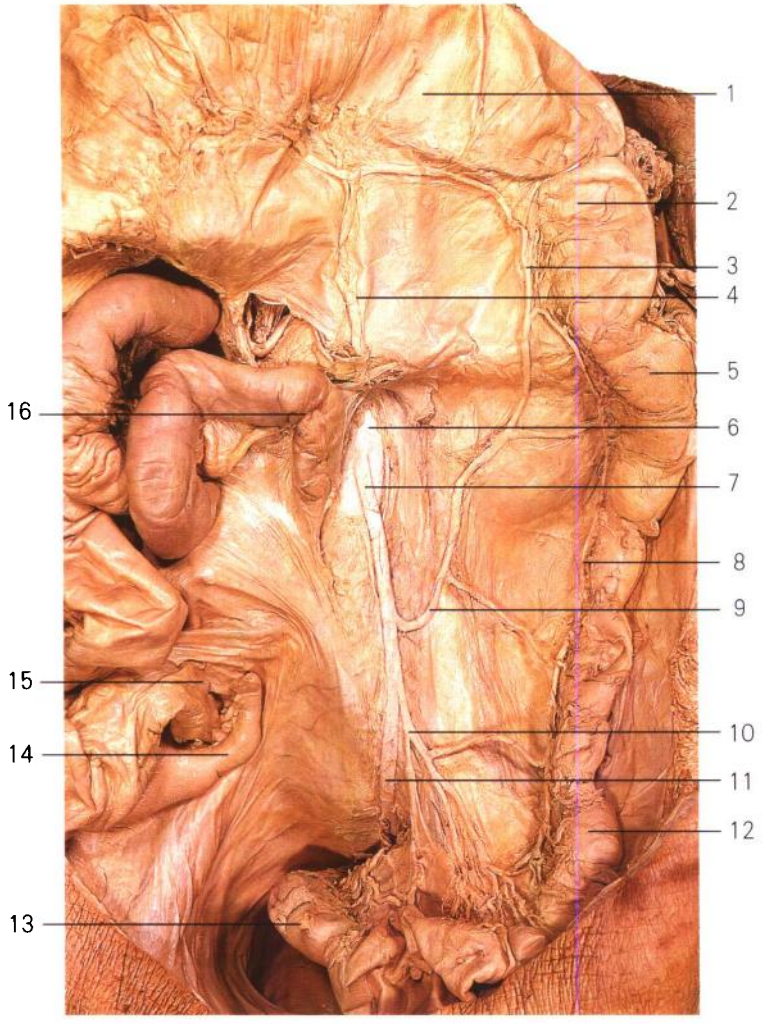


图 179 肠系膜下动脉
Lnferior mensenteric artery

1. 横结肠 transverse colon
2. 结肠左曲 left colic flexure
3.8. 边缘动脉 marginal a.
4. 中结肠动脉 middle colic a.
5. 降结肠 descending colon
6. 腹主动脉 abdominal aorta
7. 肠系膜下动脉 inferior mensenteric a.
9. 左结肠动脉 left colic a.
10. 乙状结肠动脉 sigmoid a.
11. 直肠上动脉 superior rectal a.
12. 乙状结肠 sigmoid colon
13. 直肠 rectum
14.23. 阑尾 vermiform appendix
15. 阑尾系膜 mesoappendix
16. 十二指肠空肠曲 duodenojejunal flexure
17. 粘膜 mucosa
18. 粘膜下层 submucosa
19. 环肌层 stratum circularis of muscularis
20. 纵肌层 stratum longitudinalis of muscularis
21. 浆膜层 serosa
22. 回肠 ileum
24. 盲肠 cecum
25. 阑尾口 orifice of vermiform appendix
26. 回盲瓣 lips of ileocecal valve
27. 升结肠 ascending colon

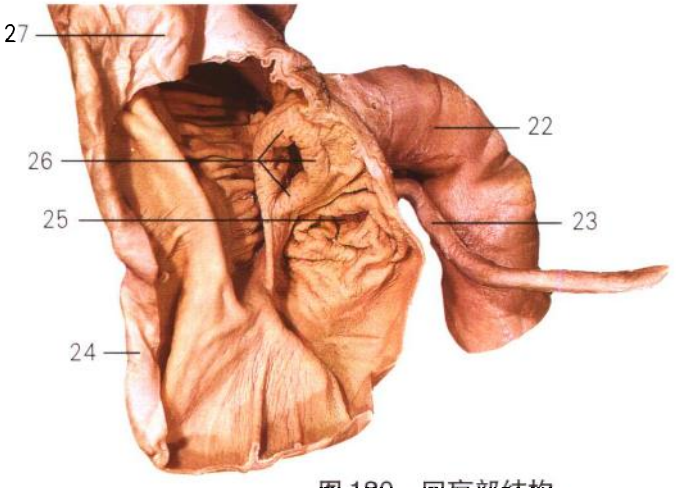


图 180 回盲部结构
Caecal region

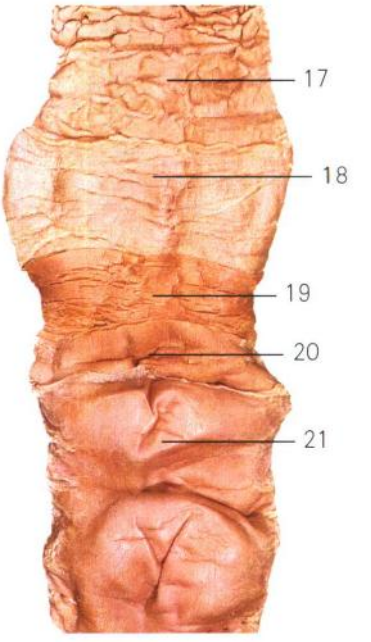


图 181 消化管的一般结构
Layers of alimentary canal

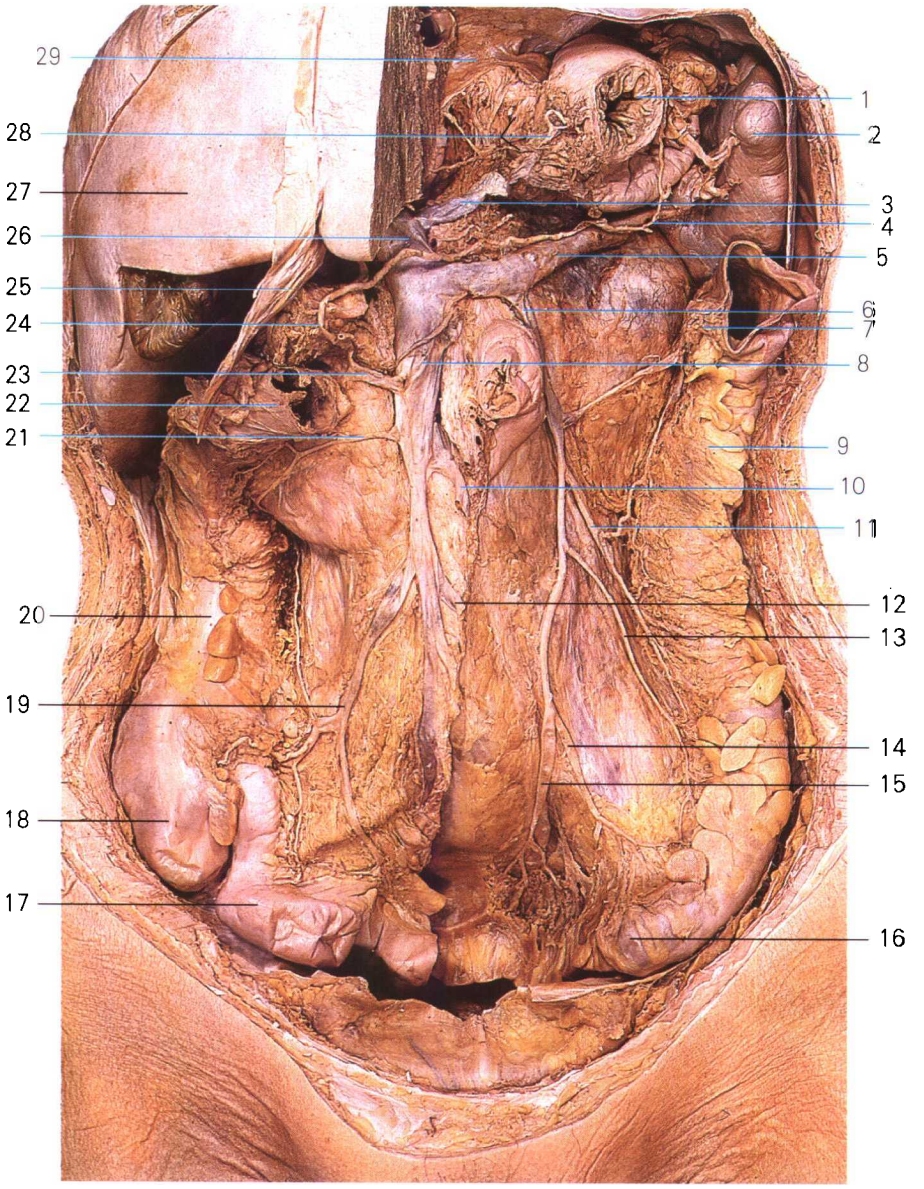


图 182　肝门静脉
Hepatic portal vein

1. 胃底　fundas of stomach
2. 脾　spleen
3. 胃左静脉　left gastric v.
4. 胃网膜左静脉　left gastroepiploic v.
5. 脾静脉　splenic v.
6. 肠系膜下静脉　inferior mensenteric v.
7. 结肠左曲　left colic flexure
8. 肠系膜上静脉　superior mensenteric v.
9. 降结肠　descending colon
10.12. 空肠静脉　jejunal v.
11. 右结肠静脉　right colic v.
13.14. 乙状结肠静脉　sigmoid v.
15. 直肠上静脉　superior rectal v.
16. 乙状结肠　sigmoid colon
17. 回肠　ileum
18. 盲肠　cecum
19. 回结肠静脉　ileocolic v.
20. 升结肠　ascending colon
21. 右结肠静脉　right colic v.
22. 结肠右曲　right colic flexure
23. 中结肠静脉　middle colic v.
24. 胃网膜右静脉　right gastroepiploic v.
25. 肝圆韧带　ligamentum teres hepatis
26. 肝门静脉　hepatic portal v.
27. 肝右叶　right lobe of liver
28. 胃底部静脉　viens of fundas of stomach
29. 食管腹段　abdominal part of esophagus

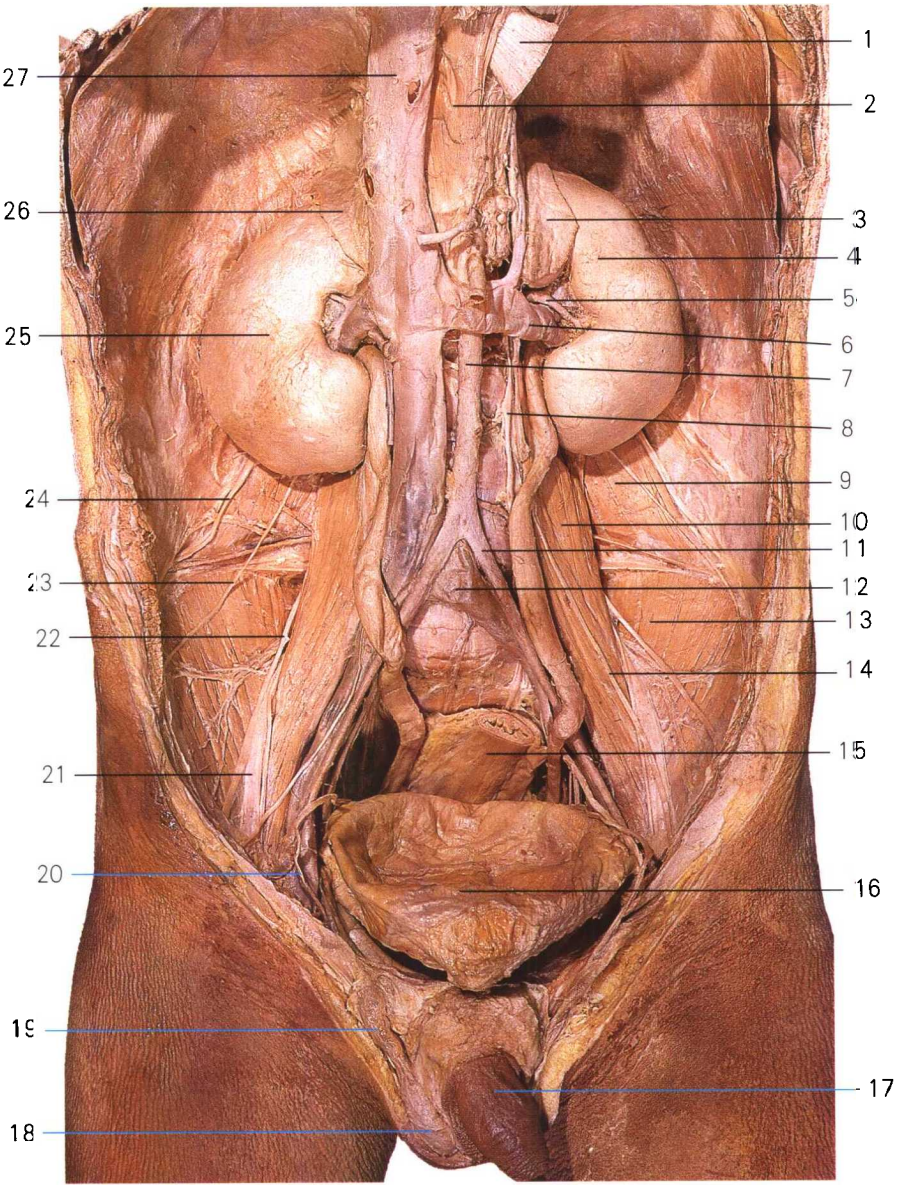


图 183 男性泌尿生殖器官
Organs of urogenetial system of the male

1. 食管腹段 abdominal part of esophagus
2. 膈 diaphragm
3. 左肾上腺 left suprarenal gland
4. 左肾 left kidney
5. 左肾动脉 left renal a.
6. 左肾静脉 left renal v.
7. 腹主动脉 abdominal aorta
8. 腰交感神经节 lumbar ganglia
9. 腰方肌 quadratus lumborum
10. 腰大肌 psoas major
11. 左髂总动脉 left common iliac a.
12. 左髂总静脉 left common iliac v.
13. 髂肌 iliacus
14. 生殖股神经 genetofemoral n.
15. 直肠 rectum
16. 膀胱 urinary bladder
17. 阴茎 pennis
18. 睾丸 testis
19. 精索 spermatrc cord
20. 输精管 ductus deferens
21. 股神经 femoral n.
22. 股外侧皮神经 lateral femoral cutaneous n.
23. 髂腹股沟神经 ilioinguinal n.
24. 髂腹下神经 iliohypogastric n.
25. 右肾 right kidney
26. 右肾上腺 right suprarenal gland
27. 下腔静脉 inferior vena cava

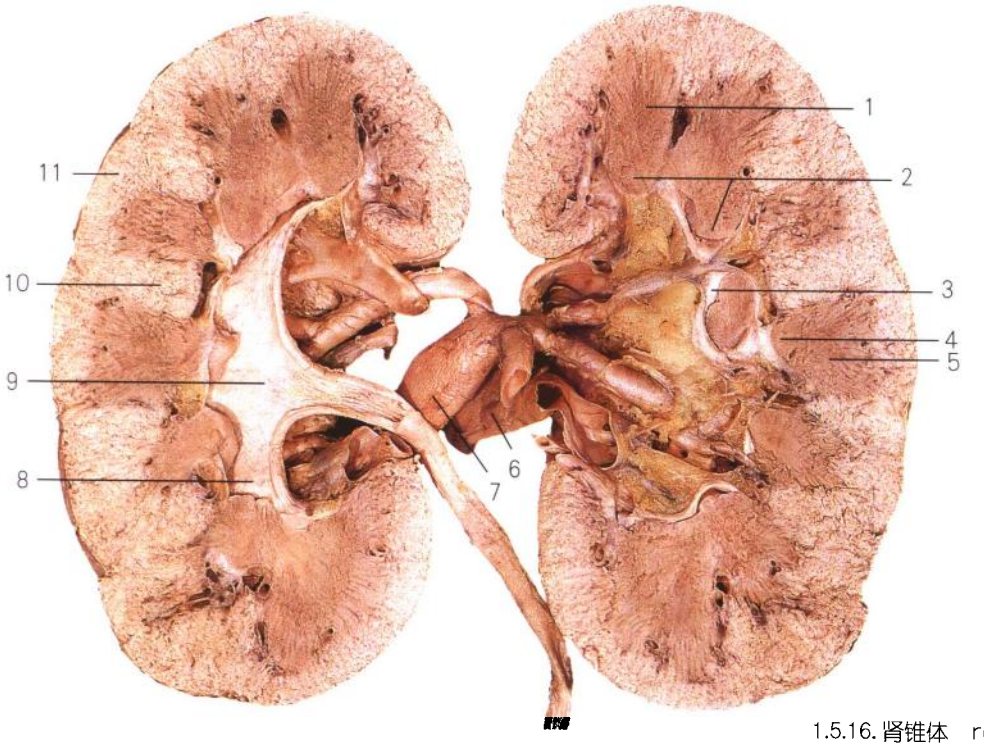


图 184　肾(冠状切面)
Kidney(coronal section)

1.5.16. 肾锥体　renal pyramids
2.4.23. 肾乳头　renal papillae
3.12.19.21. 肾小盏　minor renal calices
6. 肾静脉　renal v.
7. 肾动脉　renal a.
8.13.20. 肾大盏　major renal calices
9.14.17. 肾盂　renal pelvis
10. 肾柱　renal columns
11.22. 肾皮质　renal cortex
15.18. 输尿管　ureter

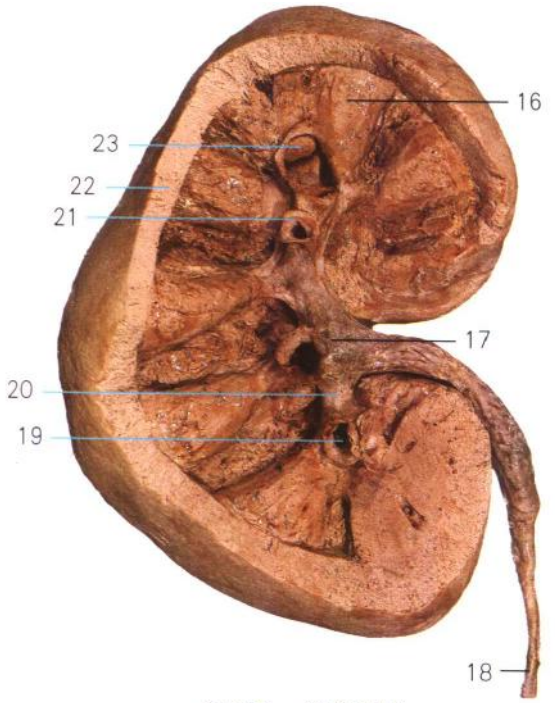


图 185　肾(小叶)
Kidney(renal lobes)

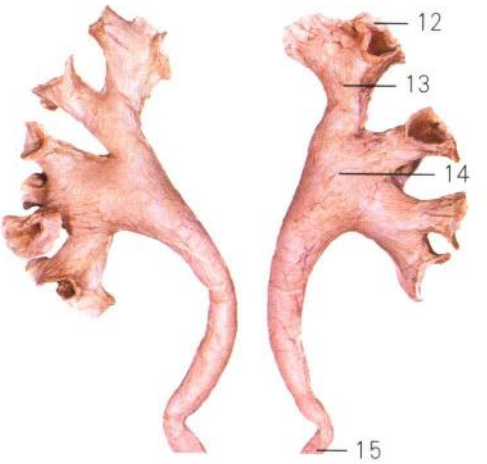


图 186　肾盏及肾盂
Renal calices and pelvis

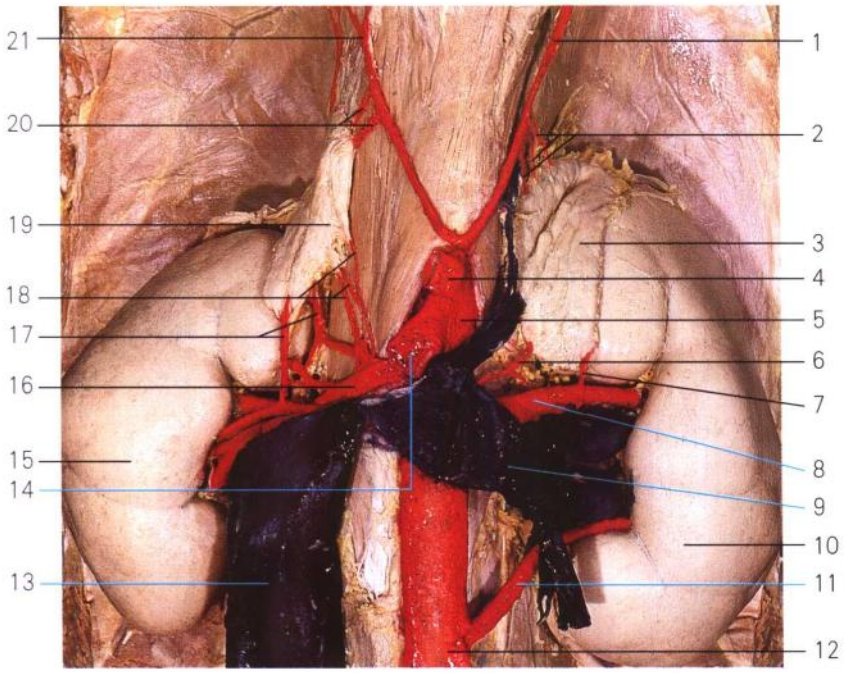


图 187 肾上腺的动脉
Arteries of suprarenal gland

1. 左膈下动脉 left inferior phrenic a.
2.20. 肾上腺上动脉 superior suprarenal a.
3. 左肾上腺 left suprarenal gland
4. 腹腔干 celiac trunk
5.12.26. 腹主动脉 abdominal aorta
6.18. 肾上腺中动脉 middle suprarenal a.
7.17. 肾上腺下动脉 inferior supranenal a.
8.16. 肾动脉 renal a.
9. 左肾静脉 left renal v.
10. 左肾 left kidney
11.22.25. 副肾动脉 accessory renal a.
13. 下腔静脉 inferior vena cava
14. 肠系膜上动脉 superior mensentaric a.
15. 右肾 right kidney
19. 右肾上腺 right suprarenal gland
21. 右膈下动脉 right inferior phrenic a.

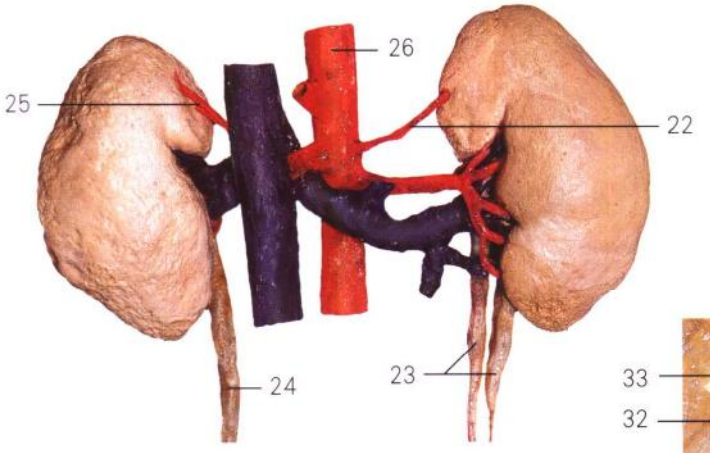


图 188 副肾动脉及双输尿管
Accessory renal artery and double ureter

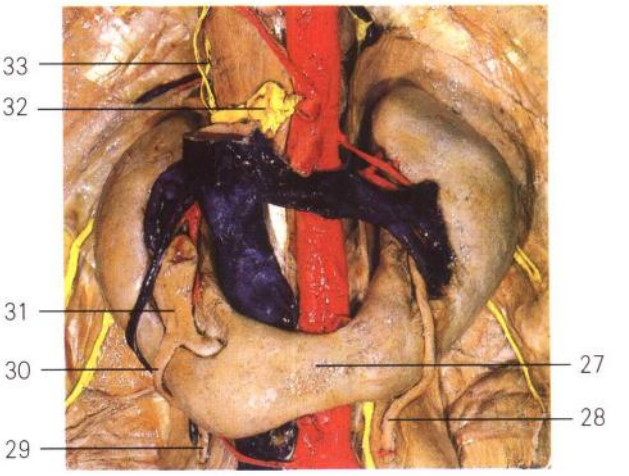


图 189 马蹄肾
Horseshoe kidney

23.24.28.29.30. 输尿管 ureter
27. 马蹄肾 horseshoe kidney
31. 肾盂 renal pelvis
32. 腹腔神经节 celiac ganglia
33. 内脏大、小神经 greater and lesser splanchnic n.

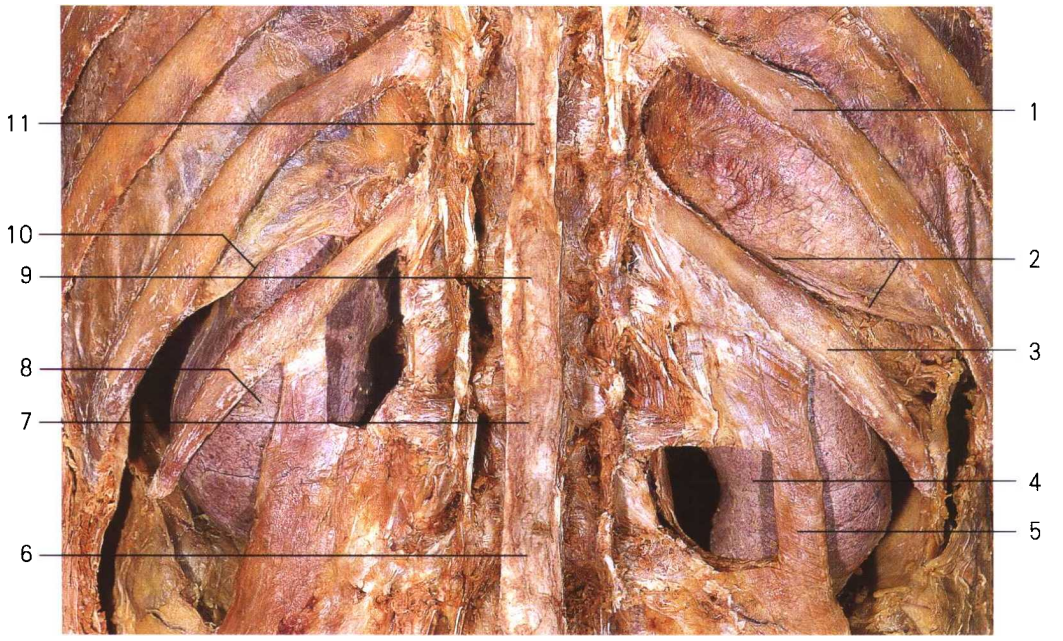
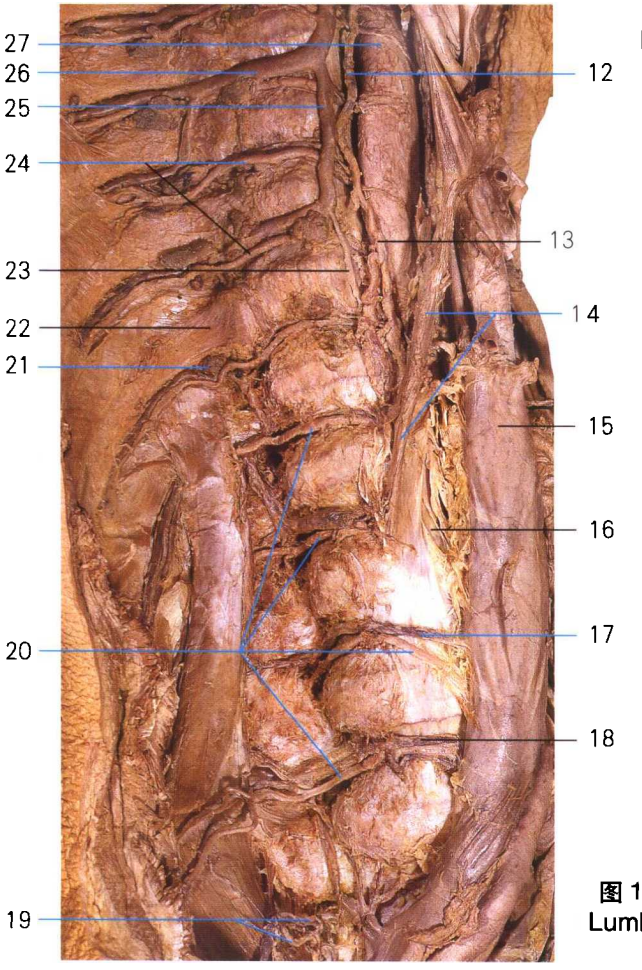


图 190　肾后面毗邻
Posterior relationship of kidney



1. 第十一肋　11th rib
2.10. 胸膜下缘　inferior margin of pleura
3.22. 第十二肋　12th rib
4. 右肾　right kidney
5. 腰方肌　quadratus lumborum
6.7. 棘突(L2，L1)　spinous process(L2,L1)
8. 左肾　left kidney
9.11 棘突(T12，T11)　spinous process(T12,T11)
12. 胸导管　thorocic duct
13. 乳糜池　cisterna chyli
14. 右膈足　right crus of diaphragm
15. 下腔静脉　inferior vena cava
16.17.18. 腰静脉　lumbar v.
19. 盆内静脉丛　venous plexuses of pelvis
20. 腰动脉　lumbar a.
21. 肋下动脉　subcostal a.
23. 腰升静脉　ascending lumbar v.
24. 肋间后动脉　posterior intercostal a.
25. 奇静脉　azygos v.
26. 肋间后静脉　posterior intercostal v.
27. 胸主动脉　thoracic aorta

图 191　腰静脉和腰动脉
Lumbar arteries and veins

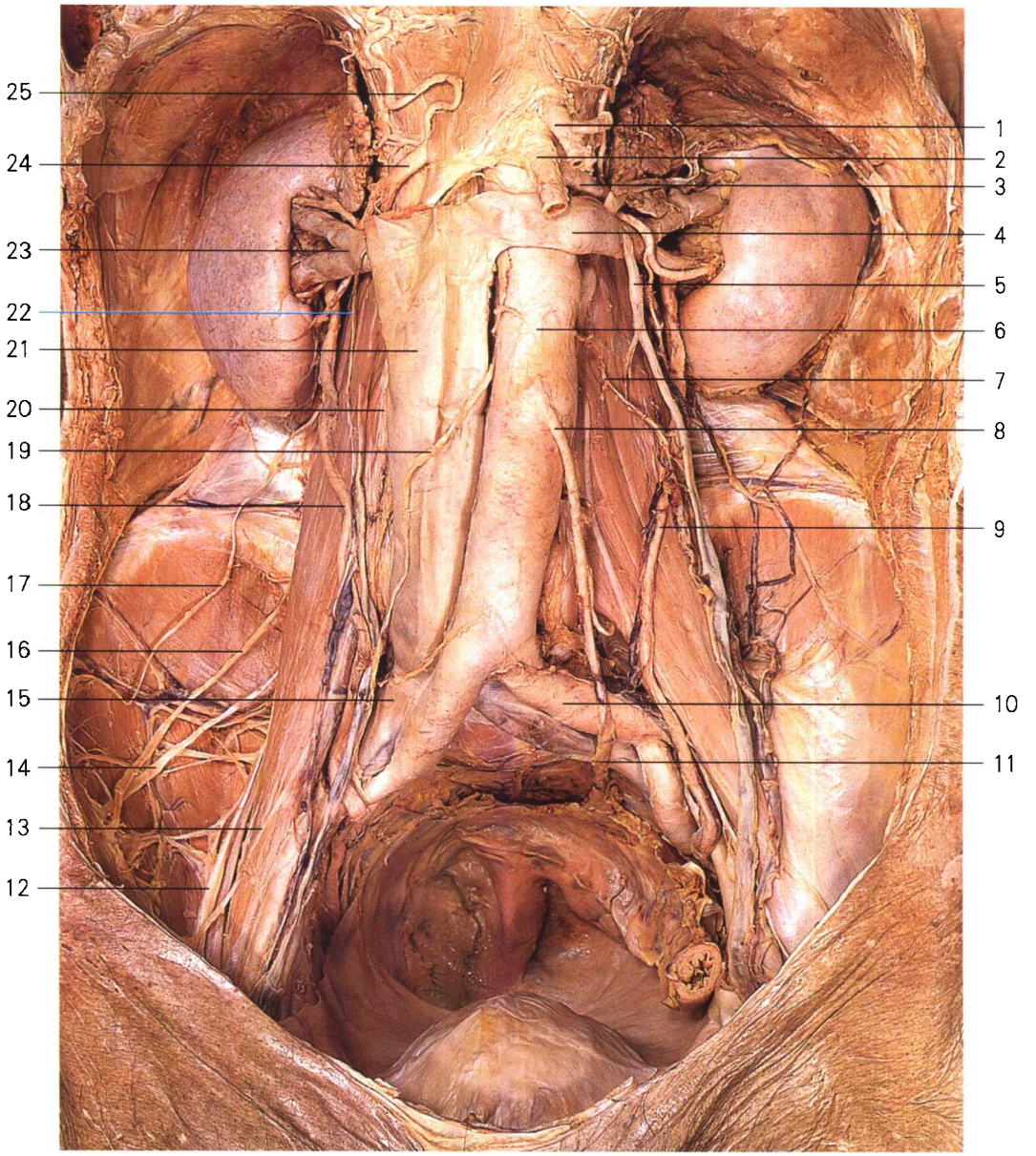


图 192 腹后隙的血管和神经
Blood vessels and nerves in the retroperitoneal space

1. 腹腔动脉干 celiac trumk
2. 肠系膜上动脉 superior mensentaric a.
3. 左肾动脉 left renal a.
4. 左肾静脉 left renal v.
5. 左睾丸静脉 left testicular v.
6. 腹主动脉 abdominab aorta
7. 左睾丸动脉 left testicular a.
8. 肠系膜下动脉 inferior mensenteric a.
9. 18. 输尿管 ureter
10. 左髂总动脉 left common iliac a.
11. 直肠上动脉 superior rectal a.
12. 股神经 femoral n.
13. 生殖股神经 genitofemoral n.
14. 股外侧皮神经 leteral femoral cutaneous n.
15. 右髂总静脉 right common iliac v.
16. 髂腹股沟神经 ilioinguinal n.
17. 髂腹下神经 iliohypogastric n.
19. 左睾丸动脉 left testicular a.
20. 左睾丸静脉 left testicular v.
21. 下腔静脉 inferior vena cava
22. 副睾丸动脉 accessory testicular a.
23. 右肾静脉 right renal v.
24. 右肾动脉 right renal a.
25. 右膈下动脉 right inferior phrenic a.

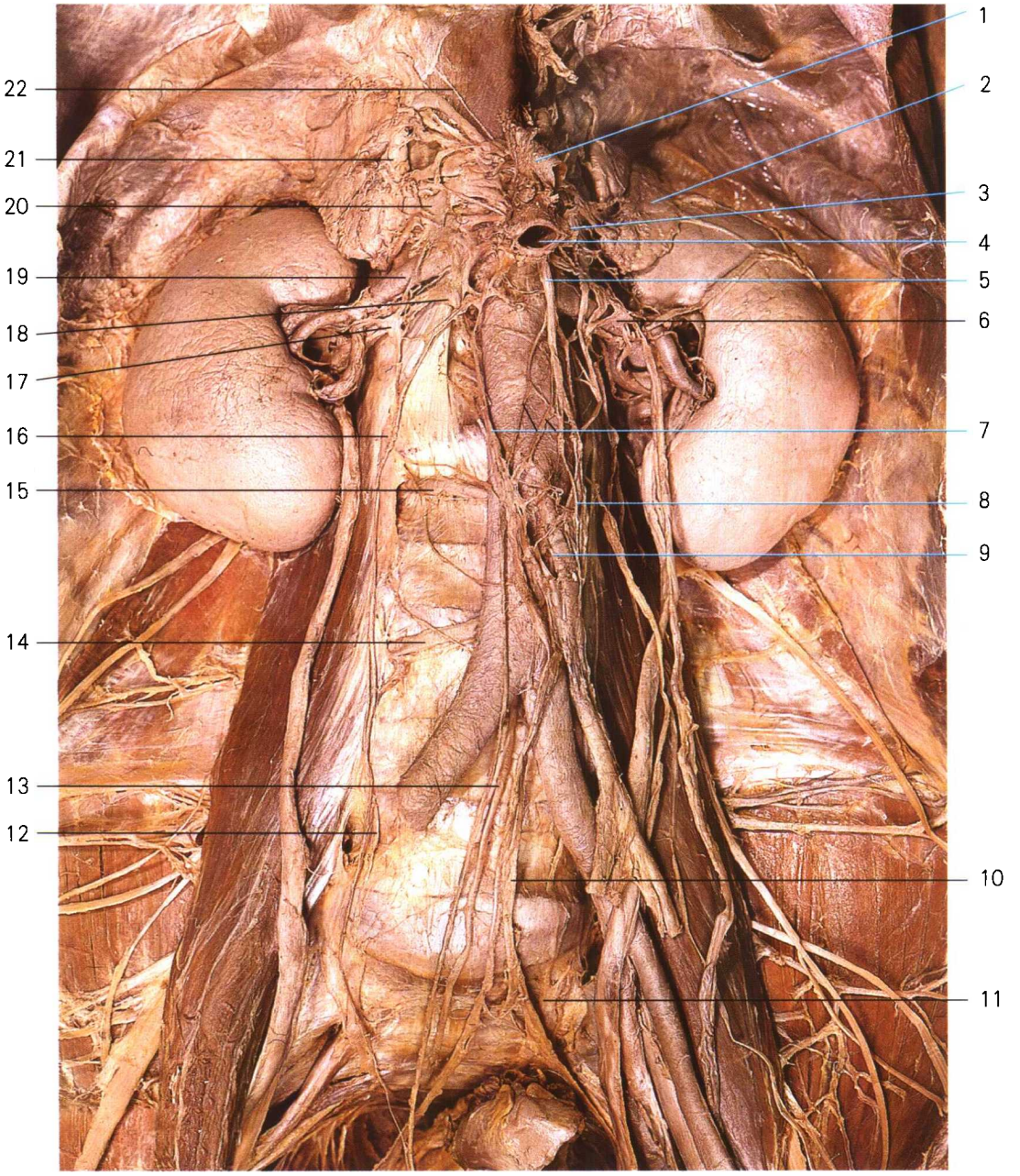


图 193　腹后隙的神经
Nerves in the retroperitoneal space

1. 腹腔动脉干　celiac trunk
2. 左肾上腺　left suprarenal gland
3.20. 腹腔神经节　celiac ganglia
4. 肠系膜上动脉　superior mensenteric a.
5. 肠系膜上丛　superior mensenteric plexus
6. 肾丛　renal plexus
7. 主动脉丛　aortic plexus
8. 肠系膜下丛　inferior mensenteric plexus
9. 肠系膜下动脉　inferior mensenteric a.
10. 上腹下丛　superior hypogastric plexus
11. 骶交感神经节　sacral ganglia
12.16. 腰交感神经节　lumbar ganglia
13. 骶正中动脉　median sacral a.
14.15. 腰动脉　lumbar a.
17.18. 主动脉肾节　aorticorenal ganglia
19. 右肾动脉　right renal a.
21. 右肾上腺　right suprarenal gland
22. 膈神经　phrenic n.

第 6 章

盆部与会阴

CHAPTER 6 THE PELVIS AND PERINEUM



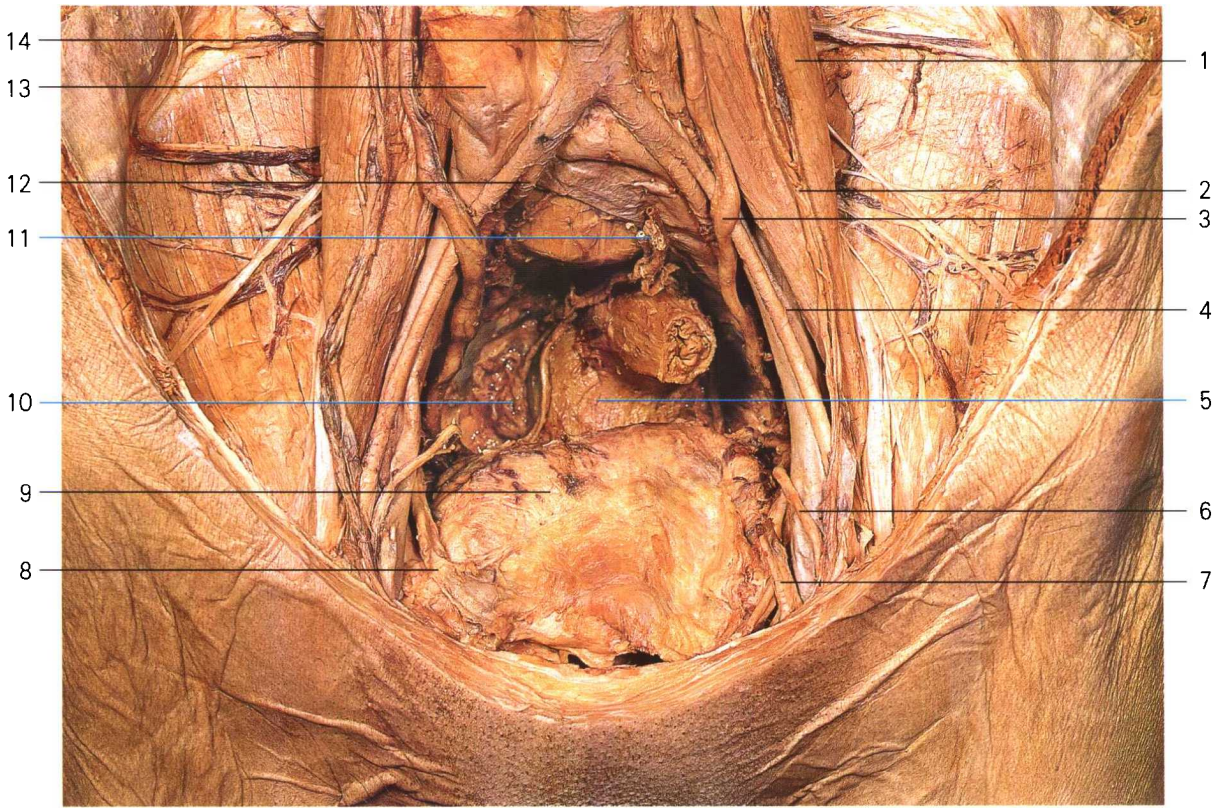


图 194　男性盆部(上面观)
Pelvis of the male(superior aspect)

1. 腰大肌　psoas major
2. 睾丸动脉和静脉　testicular a. & v.
3. 输尿管　ureter
4. 髂外动脉和静脉　external iliac a. & v.
5. 直肠　rectum
6. 输精管　ductus deferens
7. 腹壁下动脉和静脉　inferior epigastric a. & v.
8. 脐内侧韧带　medial umbilical ligament
9. 膀胱　urinary bladder
10. 精囊　seminal vesicle
11. 直肠上动脉和静脉　superior rectal a. & v.
12. 髂内动脉　internal iliac a.
13. 下腔静脉　inferior vena cava
14. 腹主动脉　abdominal aorta

1. 直肠 rectum
2. 直肠膀胱陷凹 rectovesical pouch
3. 精囊 seminal vesicle
4. 前列腺(中叶) prostate(middle lobe)
5. 射精管 ejaculatory duct
6. 前列腺(后叶) prostate(posterior lobe)
7. 尿生殖膈 urogenital diaphragm
8. 尿道球 bulb of urathra
9. 阴囊中隔 septum of scrotum
10. 尿道(海绵体部) male urethra(cavernous part)
11. 尿道(膜部) male urethra(membranous part)
12. 前列腺(前叶) prostate(anterior lobe)
13. 尿道(前列腺部) male urethra(prastatic part)

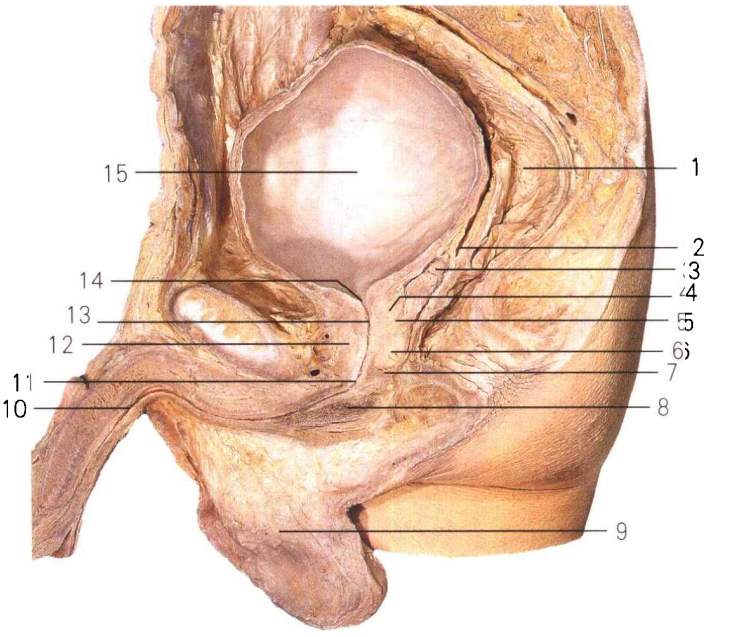
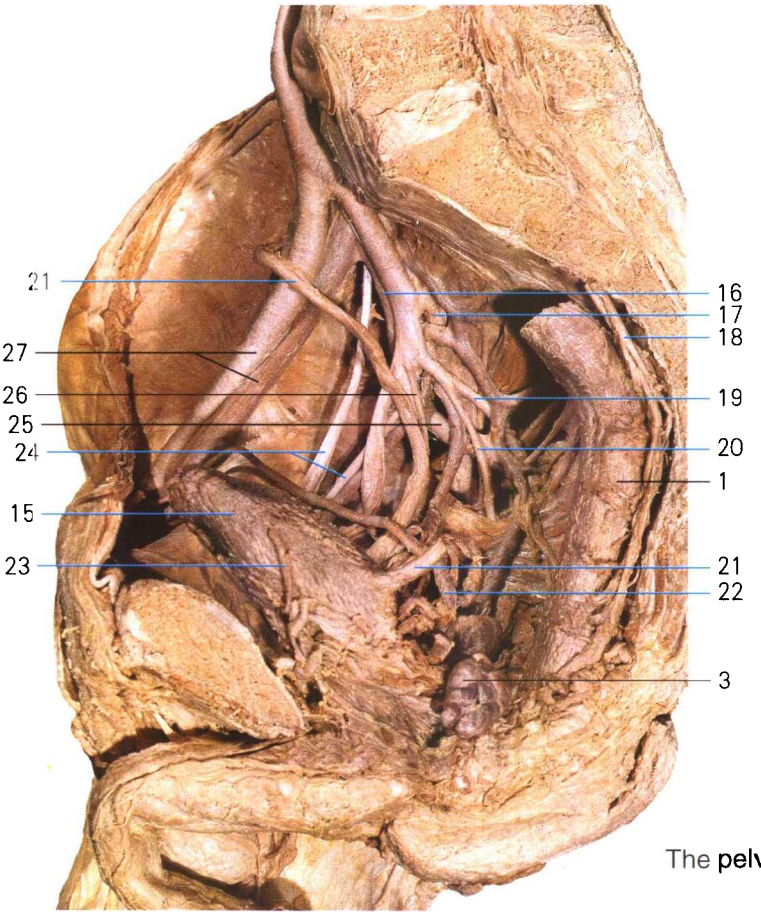


图 195 男性盆部(正中矢状剖面)
The pelvis of the male(median sagittal section)



14. 尿道内口 internal urethral orifice
15. 膀胱 urinary bladder
16. 髂内动脉、静脉 internal iliac a. & v.
17. 臀上动脉 superior gluteal a.
18. 直肠上动脉、静脉 superior rectal a. & v.
19. 阴部内动脉 internal pudendal a.
20. 直肠下动脉 inferior rectal a.
21. 输尿管 ureter
22. 输精管 ductus deferens
23. 膀胱上动脉 superior vesical a.
24. 闭孔神经、动脉 obturator n. & a.
25. 臀下动脉 inferior gluteal a.
26. 膀胱下动脉 inferior vesical a.
27. 髂外动，静脉 external iliac a. & v.

图 196 男性盆腔(左侧面观)
The pelvic cavity of the male(left lateral aspect)

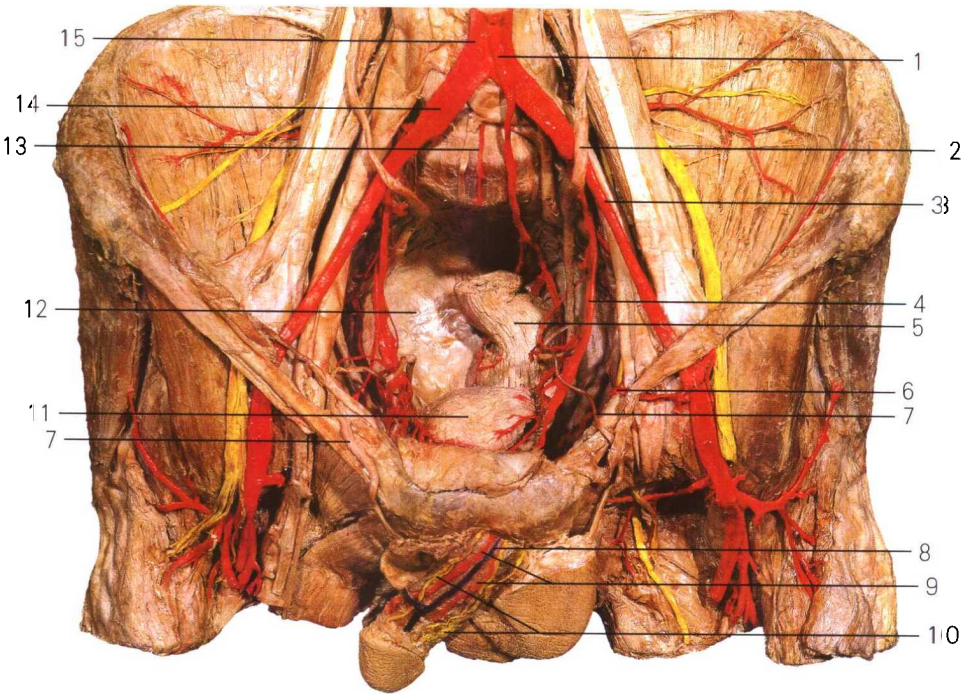
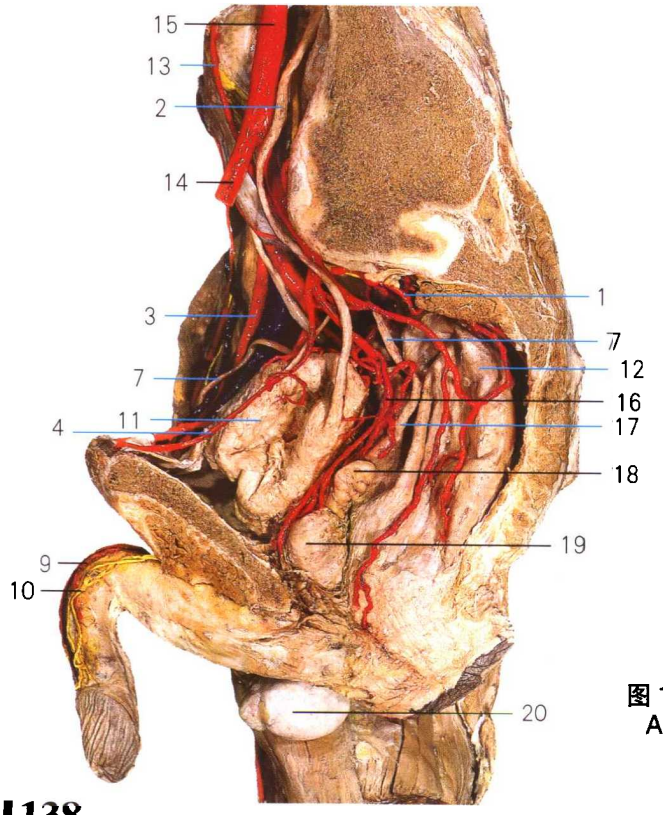


图 197　男性盆部的动脉(上面观)
Arteries of the pelvis of the male(superior aspect)



1. 直肠上动脉　superior rectal a.
2. 输尿管　ureter
3. 髂外动脉　external iliac a.
4. 脐动脉　umbilical a.
5. 乙状结肠　sigmoid colon
6. 腹壁下动脉闭孔支(副闭孔动脉)　obturator branch of inferior epigastric a.(accessory obturator a.)
7. 输精管　ductus deferens
8. 阴茎背深静脉　deep dorsal v.of penis
9. 阴茎背动脉　dorsal a.of penis
10. 阴茎背神经　dorsal n.of penis
11. 膀胱　urinary bladder
12. 直肠　rectum
13. 骶正中动脉　median sacral a.
14. 髂总动脉　common iliac a.
15. 腹主动脉　abdominal aorta
16. 膀胱下动脉　inferior vesical a.
17. 输精管壶腹　ampulla ductus deferentis
18. 精囊　seminal vesicle
19. 前列腺　prostate
20. 睾丸　testis

图 198　男性盆部的动脉(左侧面观)
Arteries of the male pelvis of the male(left lateral aspect)

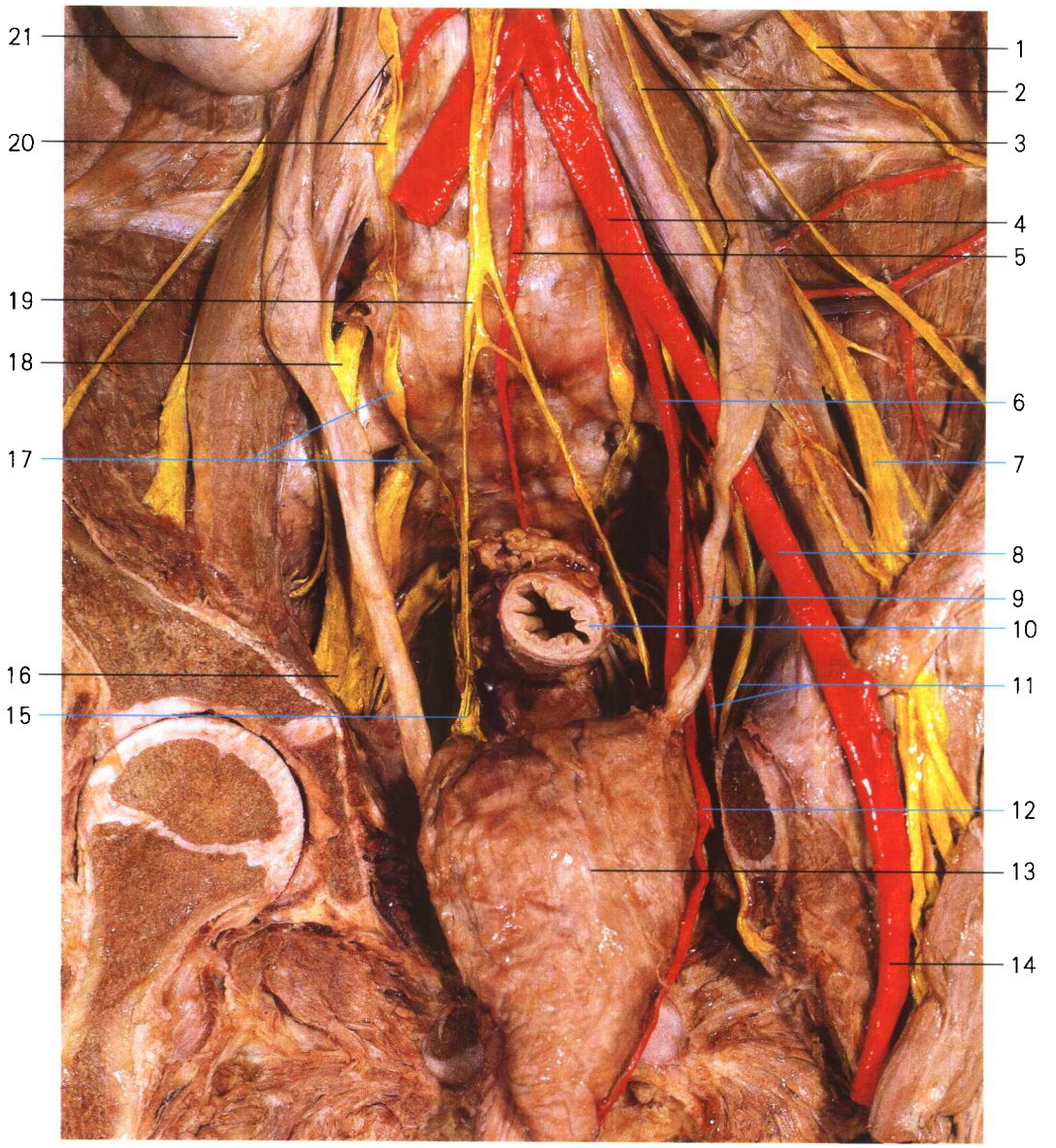
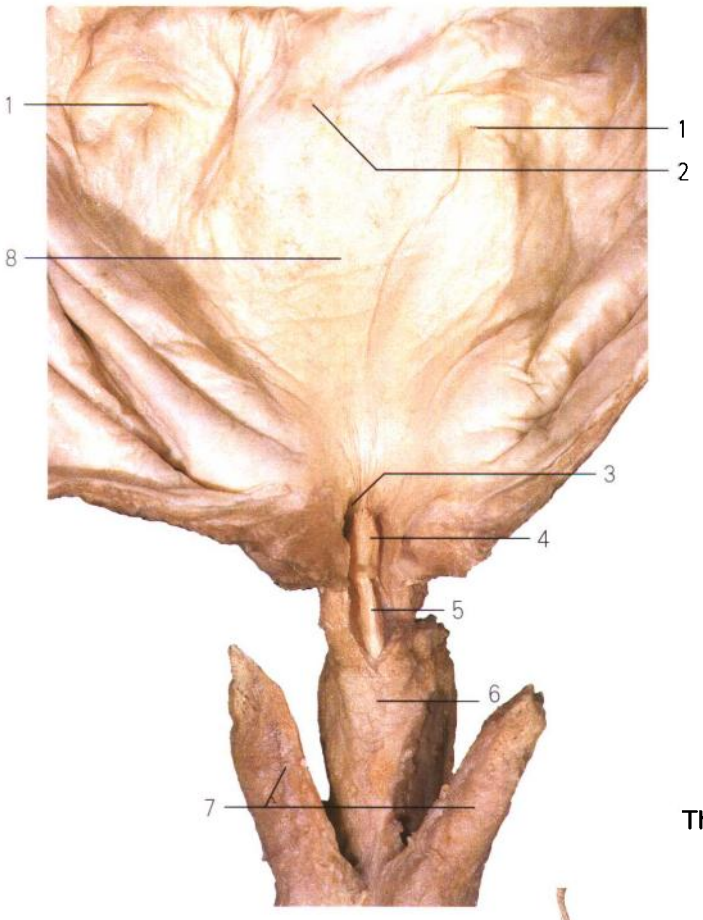


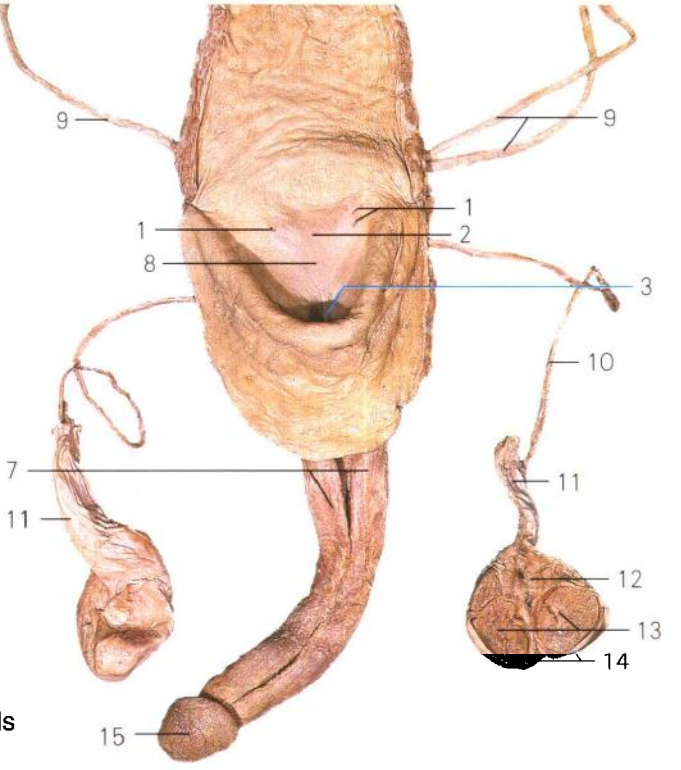
图 199　男性盆部的神经(上面观)
Nerves of the pelvis of the male(superior aspect)

1. 髂腹股沟神经　ilioinguinal n.
2. 生殖股神经　genitofemoral n.
3. 股外侧皮神经　lateral femoral cutaneous n.
4. 髂总动脉　common iliac a.
5. 骶正中动脉　median sacral a.
6. 髂内动脉　internal iliac a.
7. 股神经　femoral n.
8. 髂外动脉　external iliac a.
9. 输尿管　ureter
10. 直肠　rectum
11. 闭孔神经、动脉　obturator n. & a.
12. 脐动脉　umbilical a.
13. 膀胱　urinary bladder
14. 股动脉　femoral a.
15. 下腹下丛　inferior hypogastric plexus
16. 骶丛　sacral plexus
17. 骶神经节　sacral ganglia
18. 腰骶干　lumbosacral trunk
19. 上腹下丛　superior hypogastric plexus
20. 腰神经节　lumbar ganglia
21. 肾　kidney



1. 输尿管口 ureteric orifice
2. 输尿管间襞 interureteric fold
3. 尿道内口 internal urathral orifice
4. 精阜 seminal colliculus
5. 尿道嵴 urethral ridge
6. 尿道海绵体 cavernous body of urethra
7. 阴茎脚 crus penis
8. 膀胱三角 trigone of bladder

图 200 男性膀胱(内面观)
The male urinary bladder(internal aspect)



9. 输尿管 ureter
10. 输精管 ductus deferens
11. 精索 spermatic cord
12. 附睾 epididymis
13. 睾丸 testis
14. 白膜 tunica albuginea
15. 阴茎头 glans penis

图 201 男性膀胱和生殖腺
The male urinary and genital glands

1. 输精管 ductus deferens
2. 输尿管 ureter
3. 精囊 seminal vesicle
4. 输精管壶腹 ampulla ductus deferentis
5.(精囊)排泄管 (seminal vesicle) excretory.duct
6. 射精管 ejaculatory duct
7. 阴茎脚 crus penis
8. 尿道球 bulb of urathra
9. 前列腺 prostate
10. 膀胱 urinary bladder

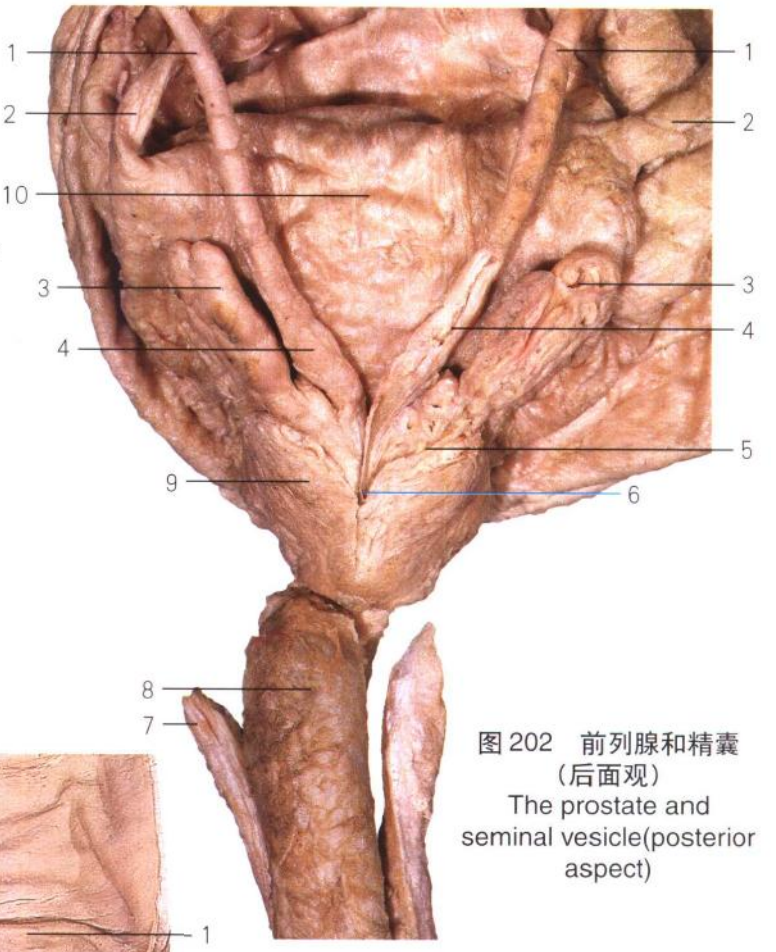
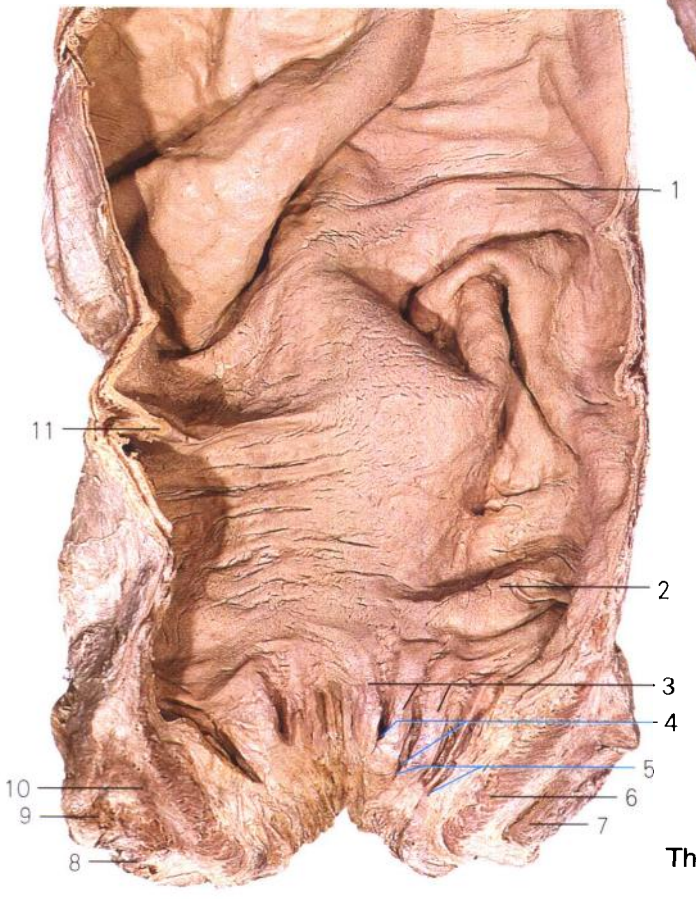


图 202 前列腺和精囊(后面观)
The prostate and seminal vesicle(posterior aspect)



1. 上直肠横襞 superior transverse fords of rectum
2. 下直肠横襞 inferior transverse fords of rectum
3. 肛柱 anal columns
4. 肛窦 anal sinuses
5. 肛瓣 anal valves
6. 肛门内括约肌 sphincter ani internus
7. 肛门外括约肌 sphincter ani externus
8. 皮下部 subcutaneous part
9. 浅部 superficial part
10. 深部 deep part
11. 中直肠横襞 middle transverse folds of rectum

图 203 直肠(内面观)
The rectum(internal aspect)

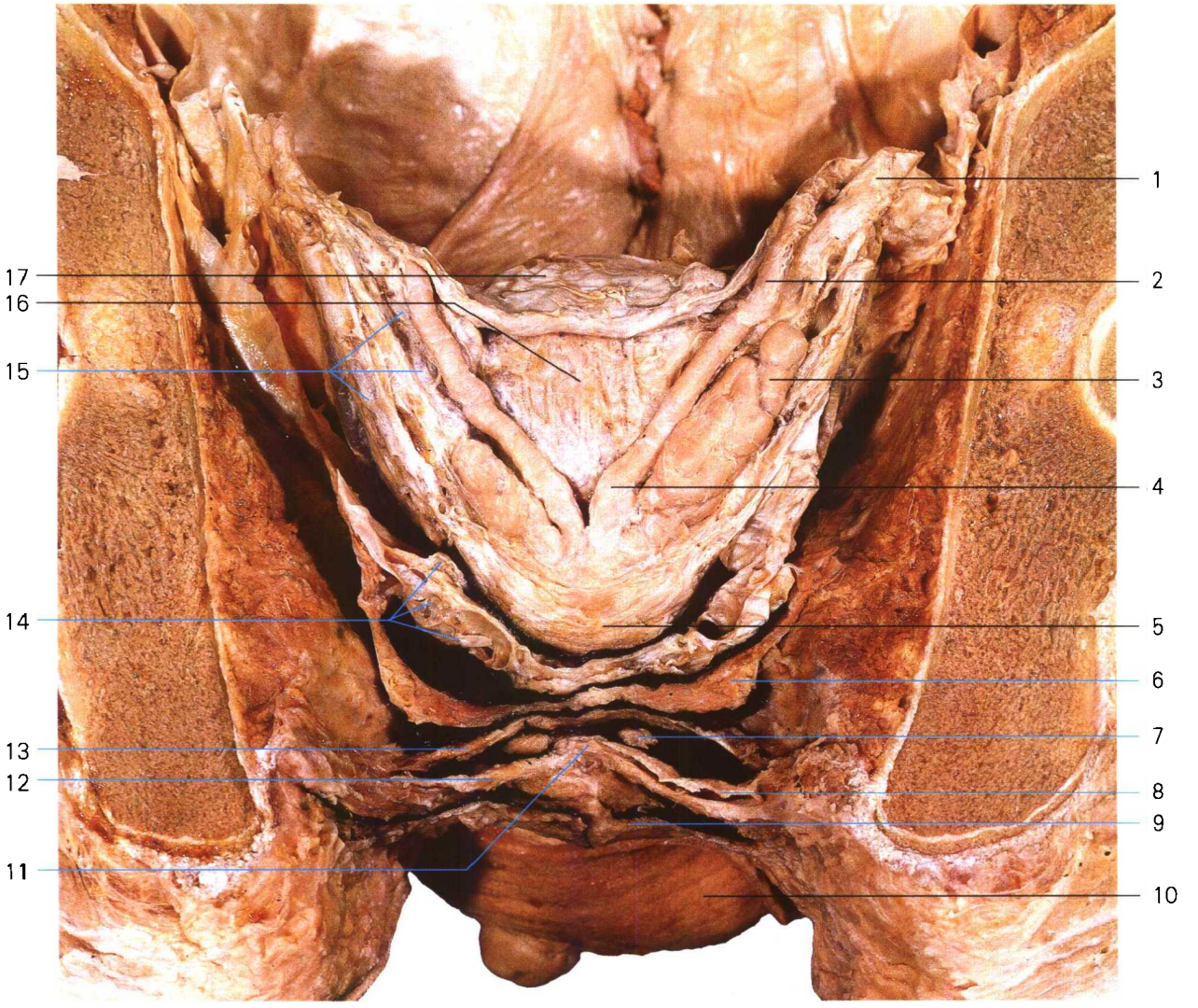


图 204　男性膀胱底(后面观)
Fundus of the male urinary bladder(posterior aspect)

1. 输尿管　ureter
2. 输精管　ductus deferens
3. 精囊　seminal vesicle
4. 输精管壶腹　ampulla ductus deferentis
5. 前列腺　prostate
6. 肛提肌(盆膈)　levator ani(pelvic diaphragm)
7. 尿道球腺　bulb ourethral gland
8. 尿生殖膈下筋膜　inferior fascia of urogenital
9. 会阴浅筋膜　superficial fascia of perineum
10. 阴囊　scrotum
11. 会阴体(会阴中心腱)　perineal body(perineal central tendon)
12. 会阴浅横肌　superficial transverse muscle of perineum
13. 会阴深横肌和尿生殖膈上筋膜　deep transverse muscle of perineum and superior fascia of urogenital diaphragm
14. 前列腺静脉丛　prostatic venous plexus
15. 膀胱静脉丛　vesical venous plexus
16. 膀胱　urinary bladder
17. 脏腹膜　visceral peritoneum

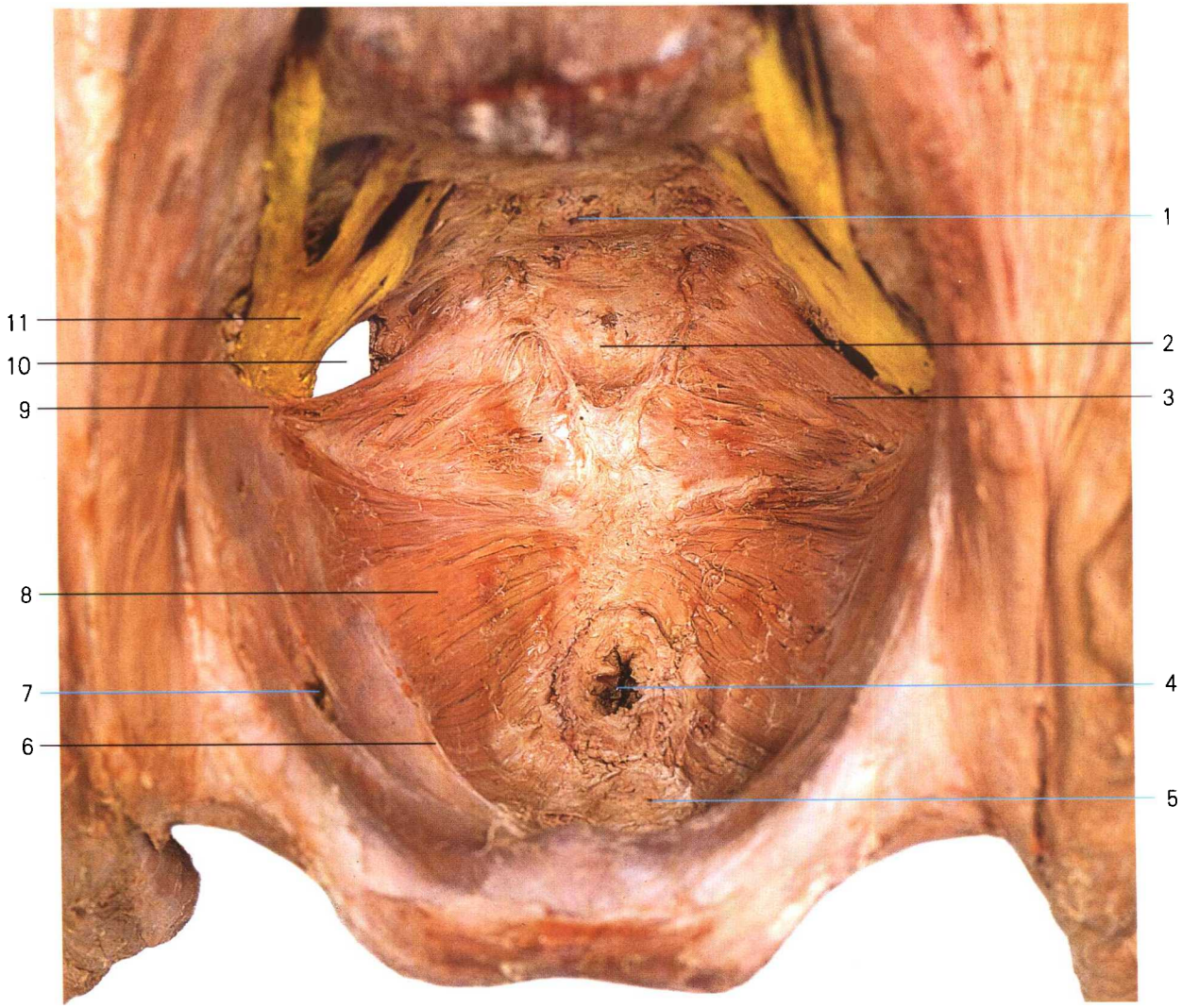
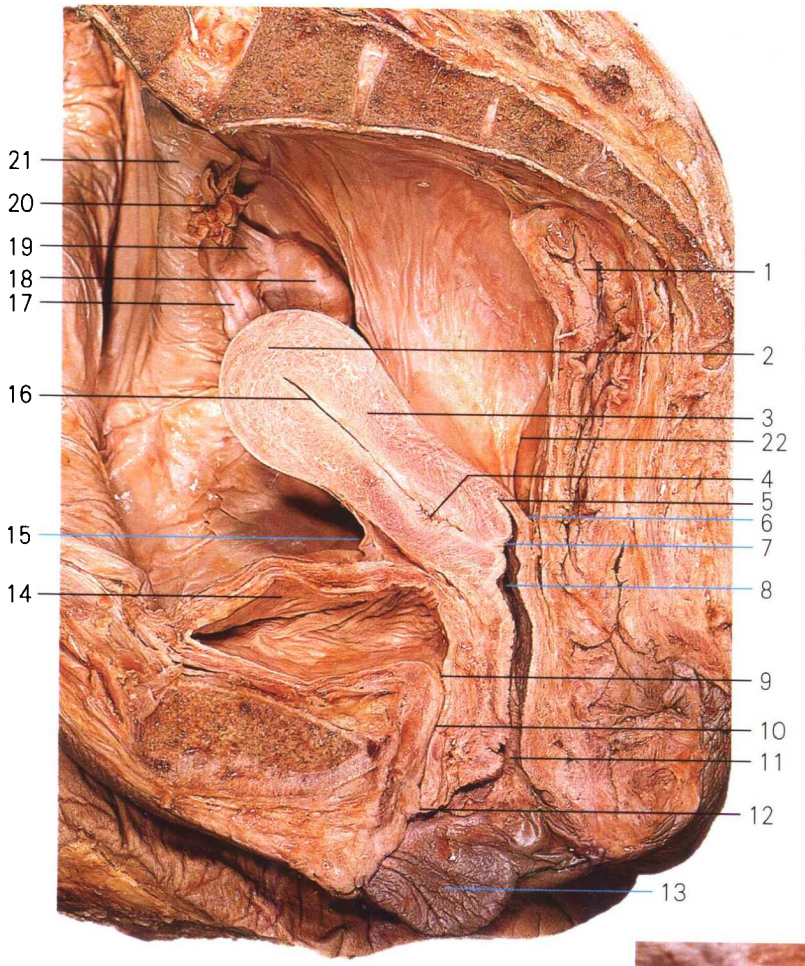


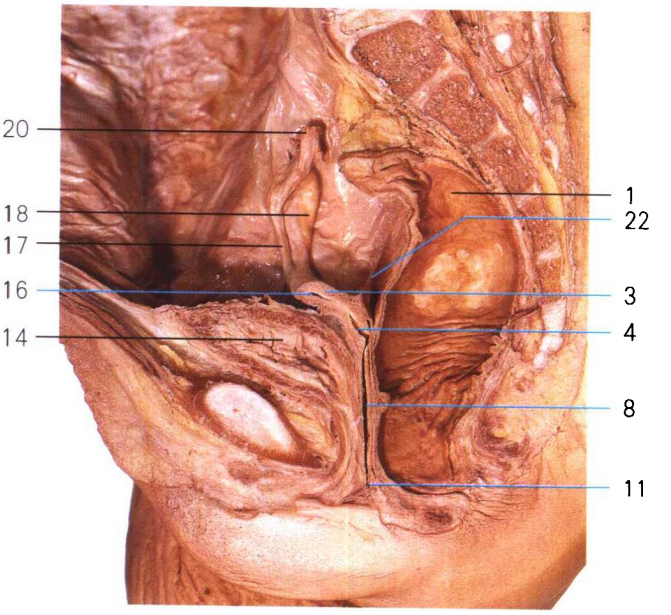
图 205　肛提肌(上面观)
Levater ani(superior aspect)

1. 骶骨　sacrum
2. 尾骨　coccyx
3. 尾骨肌　coccygeus
4. 直肠　rectum
5. 男尿道(膜部)　male urethra(membranous part)
6. 肛提肌腱弓　tendinous arch of levater ani
7. 闭孔　obturator foramen
8. 肛提肌　levator ani
9. 坐骨棘　ischial spine
10. 坐骨大孔　greater sciatic foramen
11. 骶丛　sacral plexus



1. 直肠 rectum
2. 子宫底 fundus of uterus
3. 子宫体 body of uterus
4. 子宫颈管 canal of cervix of uterus
5. 阴道穹(后部) fornix of vagina (posterior part)
6. 直肠子宫陷凹 rectouterine pouch
7. 子宫口 orifice of uterus
8. 阴道 vagina
9. 尿道内口 internal urthral orifice
10. 女尿道 female urethra

图 206 女性盆部(正中矢状剖面)(Ⅰ)
The pelvis of the female (median sagittal section)(Ⅰ)



11. 阴道口 vaginal orifice
12. 尿道外口 external orifice of urethra
13. 小阴唇 lesser lip of pudendum
14. 膀胱 urinary bladder
15. 膀胱子宫陷凹 vesicouterine pouch
16. 子宫腔 cavity of uterus
17. 输卵管 uterine tube
18. 卵巢 ovary
19. 卵巢系膜 mesovarium
20. 输卵管伞 fimbriae of uterine tube
21. 卵巢悬韧带 suspensory lig.of ovary
22. 直肠子宫襞 rectouterine fold

图 207 女性盆部(正中矢状剖面)(Ⅱ)
The pelvis of the female(median sagittal section)(Ⅱ)

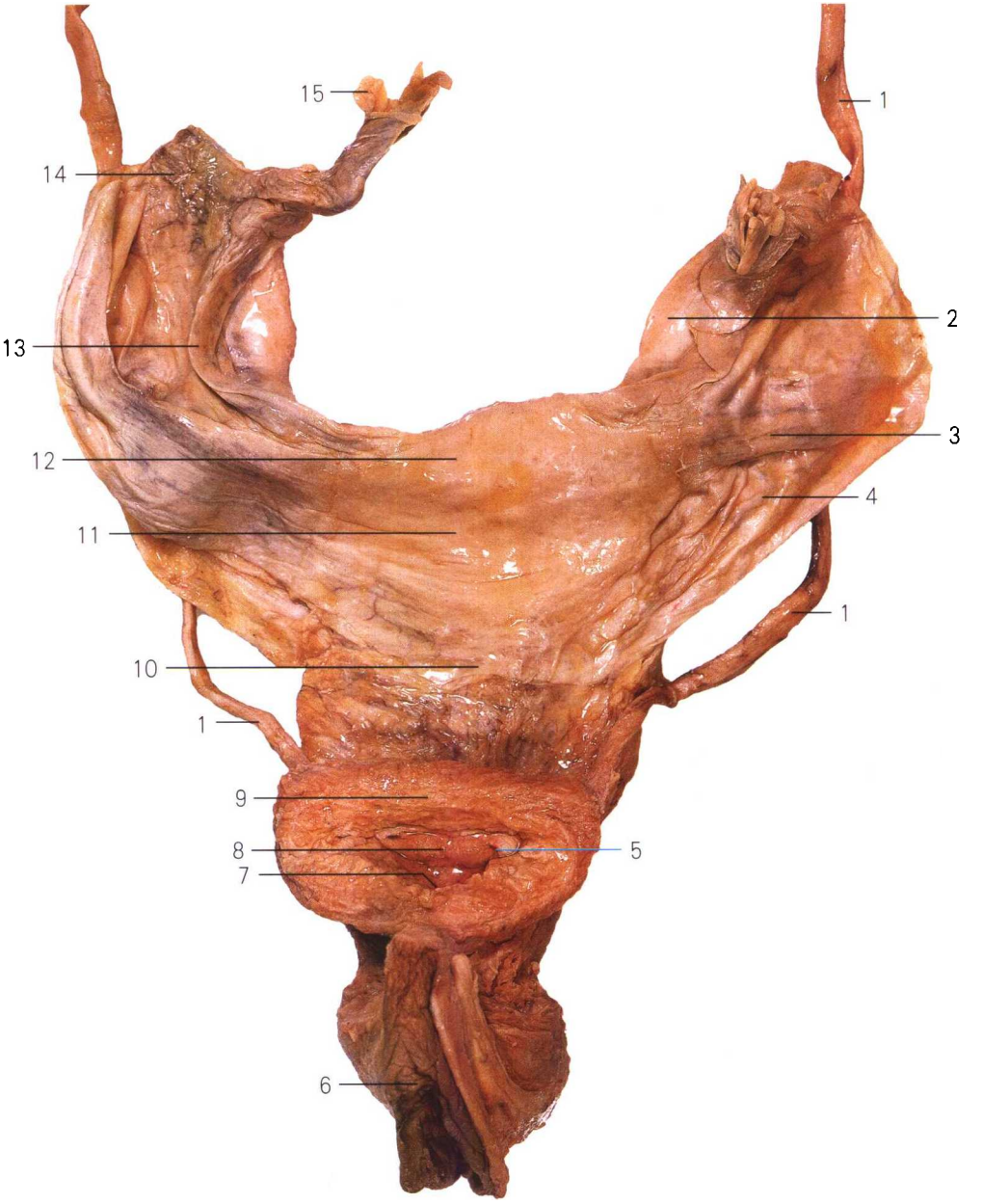


图 208　女性内生殖器(膀胱面)
Internal genital organs of the female(veiscal surface)

1. 输尿管　ureter
2. 卵巢　ovary
3. 子宫圆韧带　round ligament of uterus
4. 子宫阔韧带　broad ligament of uterus
5. 输尿管口　ureteric orifice
6. 女阴　female pudendum
7. 尿道内口　internal urethral orifice
8. 输尿管间襞　interureteric fold
9. 膀胱　urinary bladder
10. 子宫颈　neck of uterus
11. 子宫体　body of uterus
12. 子宫底　fundus of uterus
13. 输卵管　uterine tube
14. 卵巢悬韧带　suspensory ligament of ovary
15. 输卵管伞　fimbriae of uterine tube

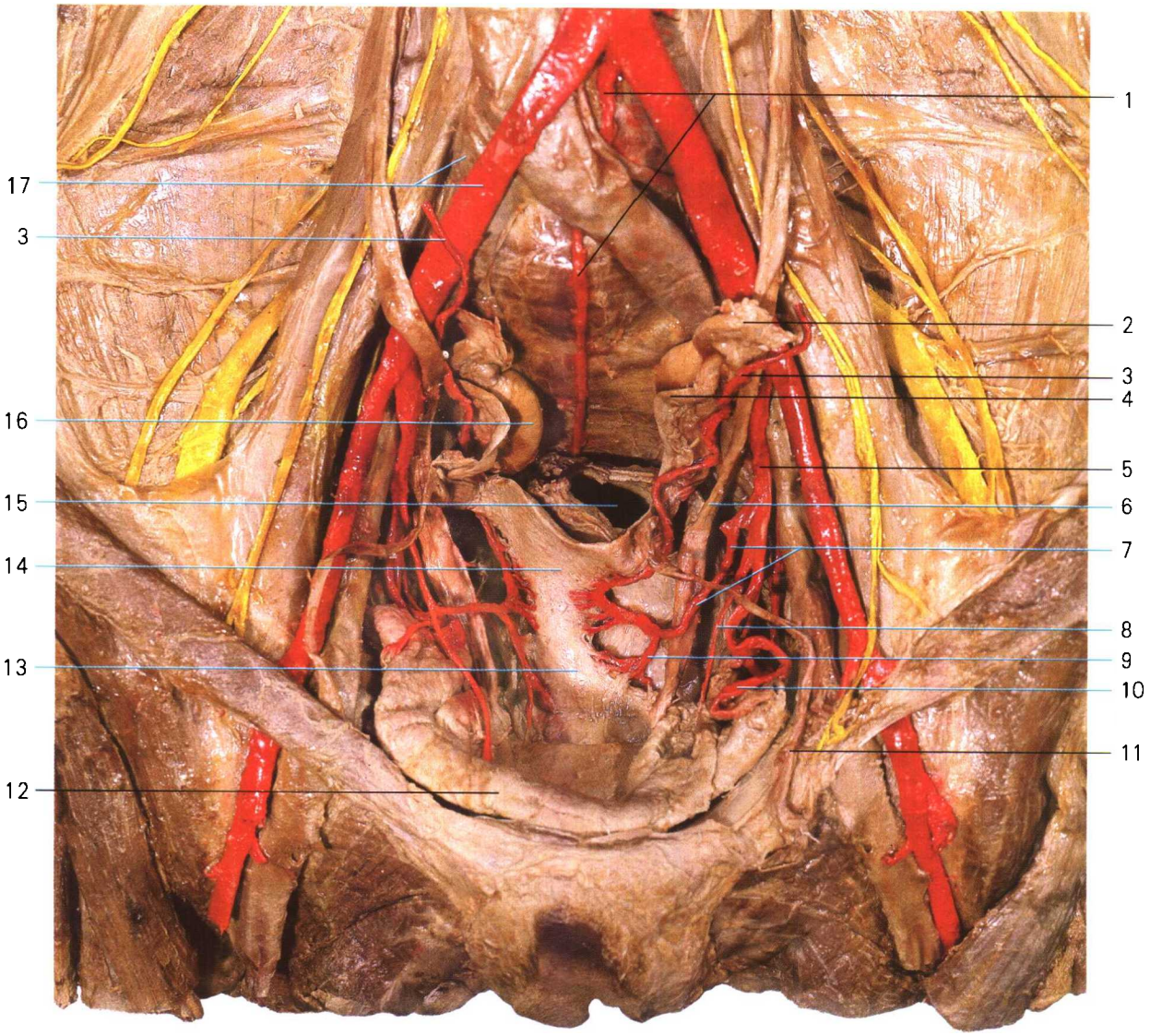


图 209　女性盆部的动脉(上面观)
Arteries of the female pelvis(superior aspect)

1. 骶正中动脉　median sacral a.
2. 输卵管伞　fimbriae of uterine tube
3. 卵巢动脉　ovarian a.
4. 输卵管　uterine tube
5. 髂内动脉　internal iliac a.
6. 输尿管　ureter
7. 子宫动脉　uterine a.
8. 膀胱下动脉　inferior vesical a.
9. 子宫动脉(阴道支)　uterine a.(vaginal branches)
10. 脐动脉　umbilical a.
11. 子宫圆韧带　round ligament of uterus
12. 膀胱　urinary bladder
13. 子宫颈　neck of uterus
14. 子宫体　body of uterus
15. 直肠　rectum
16. 卵巢　ovary
17. 髂总动脉、静脉　common iliac a. & v.

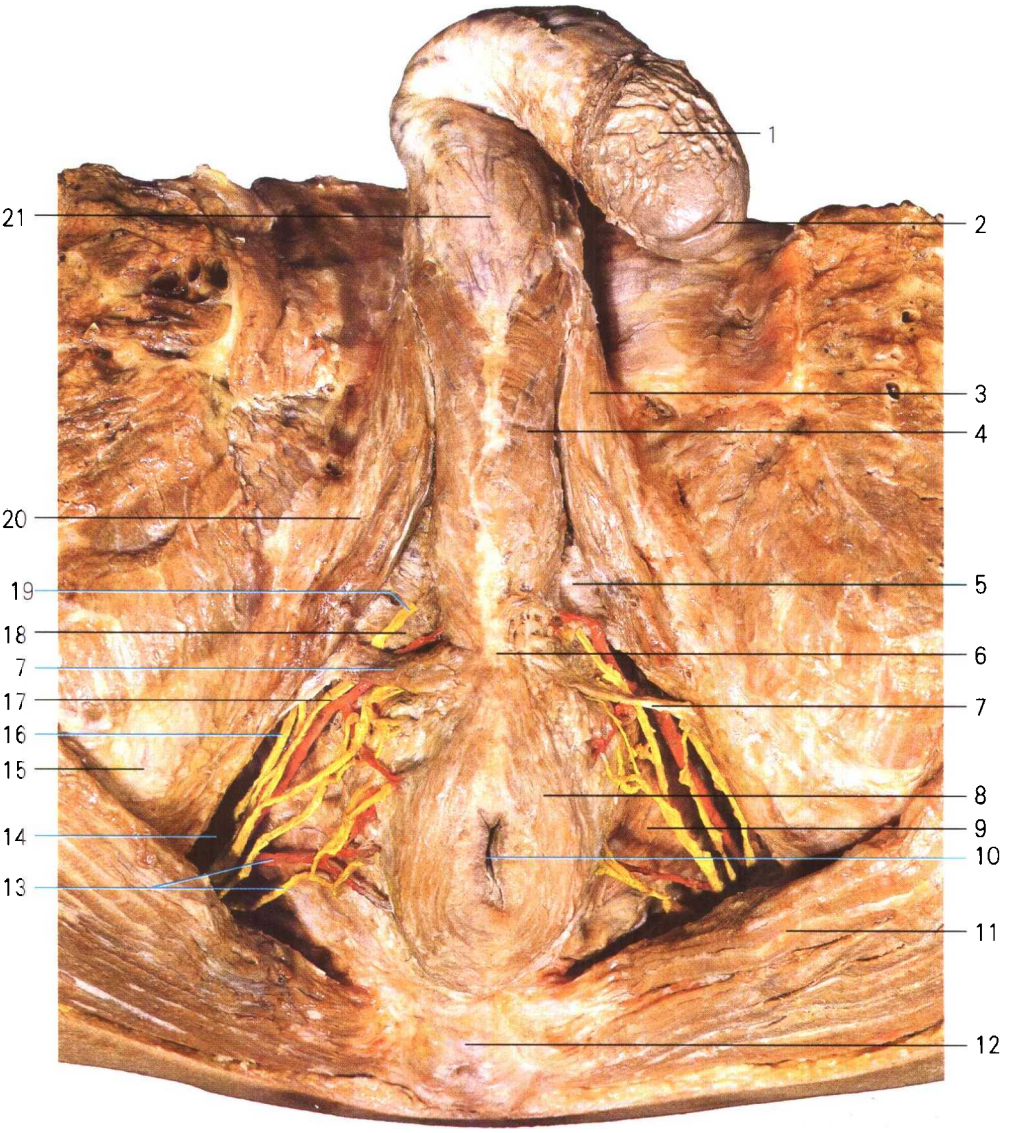


图210 男性会阴浅隙和坐骨肛门窝(Ⅰ)
Superficial perineal space and ischioanal fossa of the male(Ⅰ)

1. 阴茎头 glans penis
2. 尿道外口 external orifice of urathra
3. 坐骨海绵体肌 ischiocavernosus
4. 球海绵体肌 bulbocavernosus
5. 尿生殖膈下筋膜 inferior fascia of urogenital diaphragm
6. 会阴体 perineal body
7. 会阴浅横肌 superficial transverse muscle of perineum
8. 肛门外括约肌 sphincter ani externus
9. 肛提肌 levator ani
10. 肛门 anus
11. 臀大肌 gluteus maximus
12. 尾骨 coccyx
13. 肛神经、动脉 anal n. & a.
14. 坐骨肛门窝 ischioanal fossa
15. 坐骨结节 ischial tuberosity
16. 阴茎背神经 dorsal nerve of penis
17. 会阴神经、动脉 perineal n. & a.
18. 会阴深横肌 deep transverse muscle of perineum
19. 阴囊后神经 posterior scrotal n.
20. 耻骨弓 pubic arch
21. 尿道海绵体 spongy body of penis

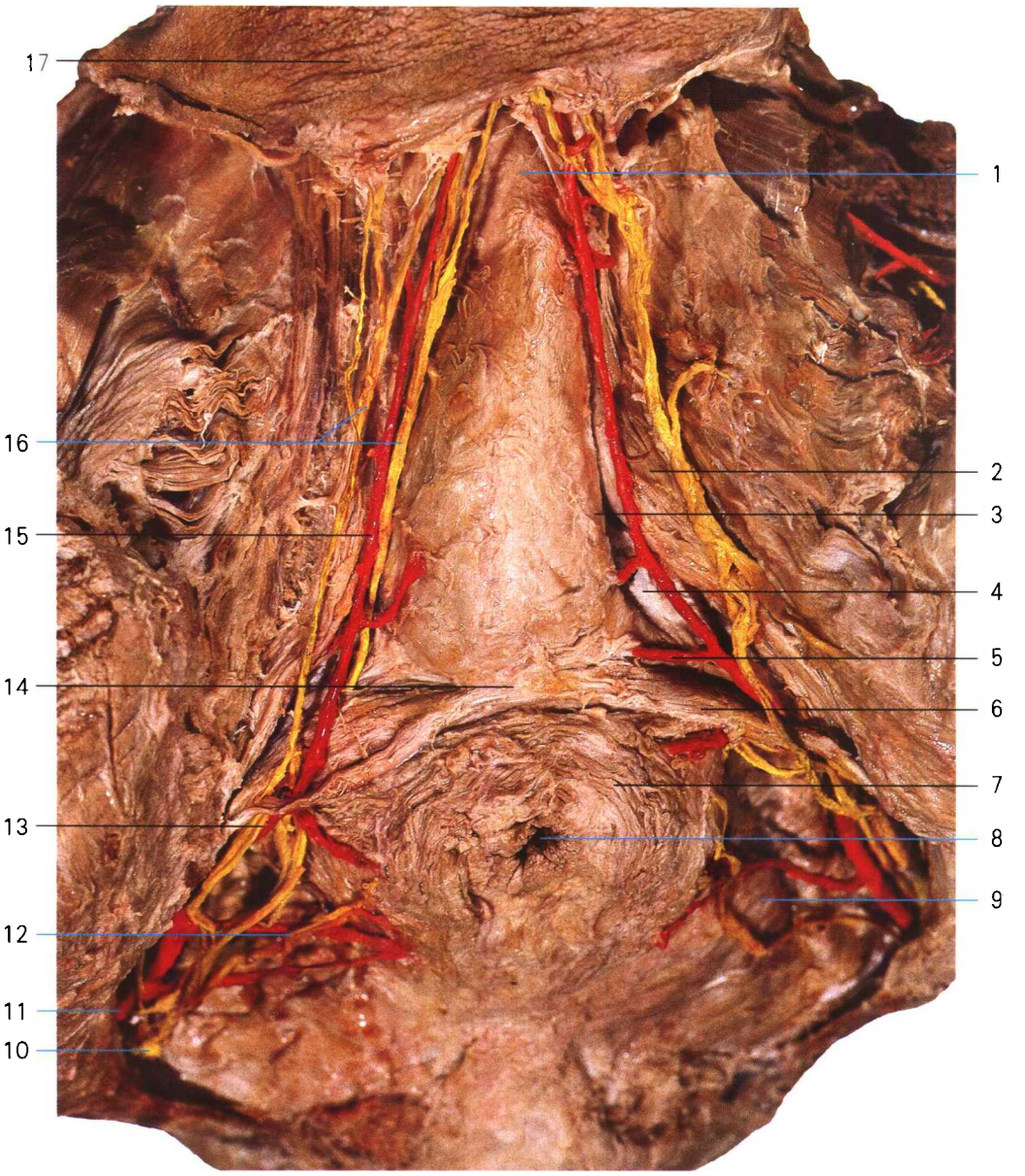


图 211　男性会阴浅隙和坐骨肛门窝(Ⅱ)
Superficial perineal space and ischioanal fossa of the male(Ⅱ)

1. 尿道海绵体　spongy body of penis
2. 坐骨海绵体肌　ischiocavernosus
3. 球海绵体肌　bulbocavernosus
4. 尿生殖膈下筋膜　inferior fascia of urogenital diaphragm
5. 尿道球动脉　urethral bulbar a.
6. 会阴浅横肌　superficial transverse muscle of perineum
7. 肛门外括约肌　sphincter ani externus
8. 肛门　anus
9. 肛提肌　levator ani
10. 阴部神经　pudendal n.
11. 阴部内动脉　internal pudendal a.
12. 肛神经、动脉　anal n. & a.
13. 会阴神经、动脉　perineal n. & a.
14. 会阴体　perineal body
15. 阴囊后支　posterior scrotal branchs
16. 阴囊后神经　posterior scrotal n.
17. 阴囊　scrotum

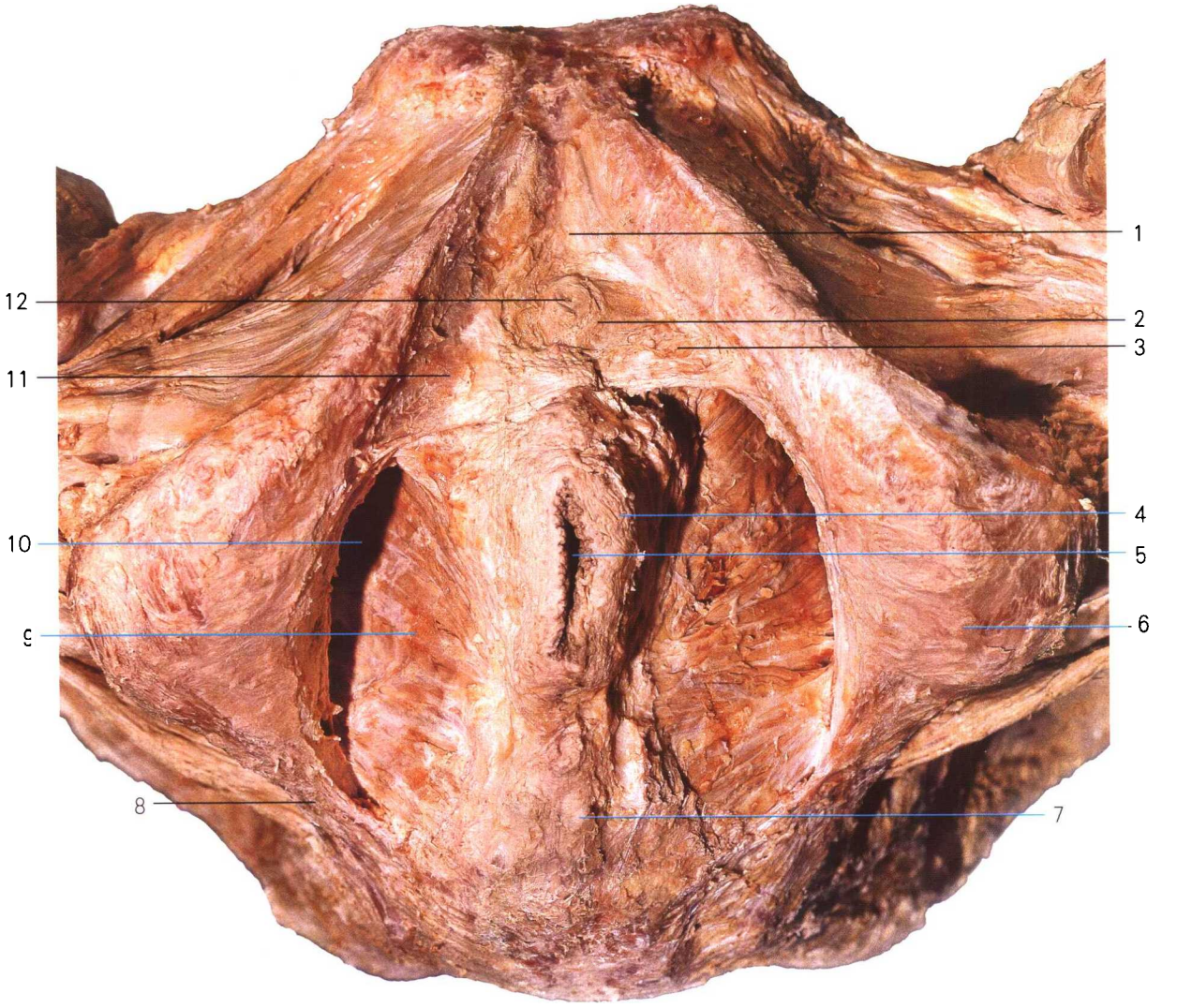


图212 男性会阴深隙及坐骨肛门窝
Deep perineal space and ischioanal fossa of the male

1. 尿生殖膈 urogenital diaphragm
2. 尿道括约肌 sphincter of urethra
3. 会阴深横肌 deep transverse muscle of perineum
4. 肛门外括约肌 sphincter ani externus
5. 肛门 anus
6. 坐骨结节 ischial tuberosity
7. 尾骨 coccyx
8. 骶结节韧带 sacrotuberous ligament
9. 肛提肌 levator ani
10. 坐骨肛门窝 ischioanal fossa
11. 尿生殖膈下筋膜 inferior fascia of urogenital
12. 男尿道(膜部) male urethra(membranous part)

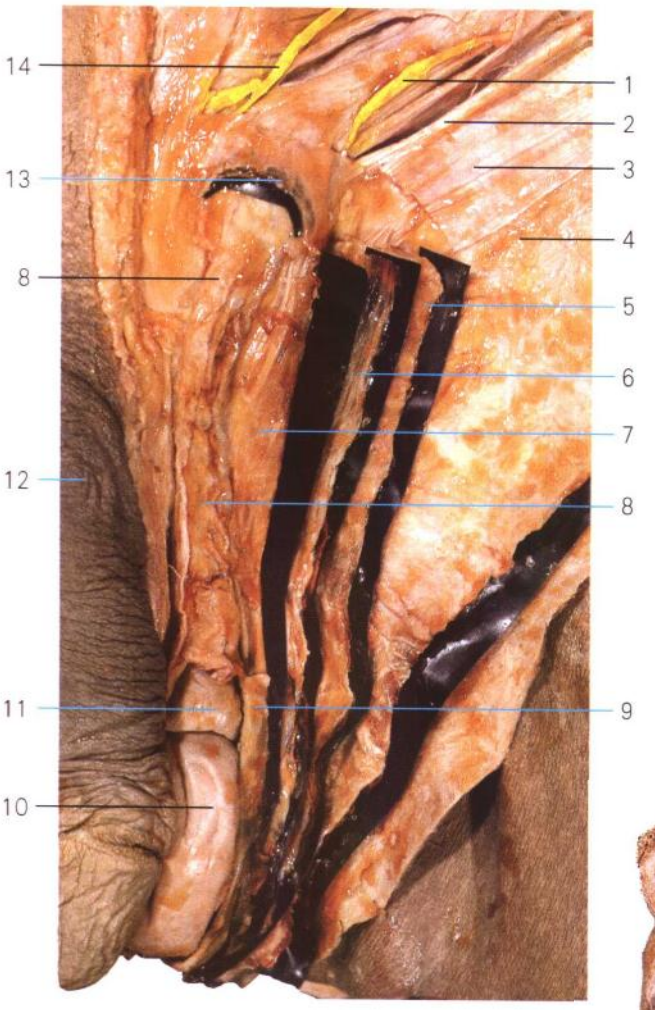
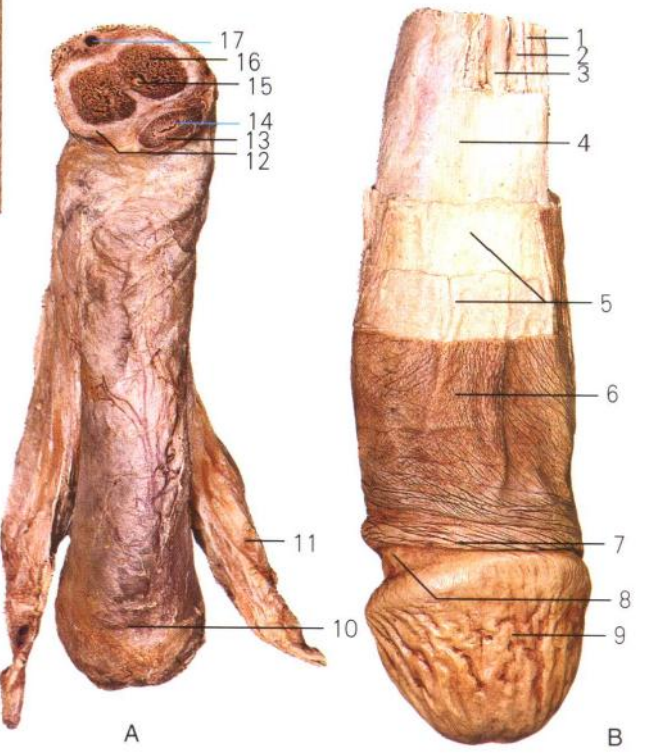


图 213 睾丸和精索被膜
Testis and tunicae of spermatic cord

1. 髂腹股沟神经 ilioinguinal n.
2. 腹股沟韧带 inguinal ligament
3. 腹外斜肌(腱膜) obliquus externus abdominis (aponeurosis)
4. 浅筋膜 superficial fascia
5. 精索外筋膜 external spermatic fascia
6. 提睾肌筋膜 cremasteric fascia
7. 精索内筋膜 internal spermatic fascia
8. 精索 spermatic cord
9. 睾丸鞘膜(壁层) tunica vaginalis of testis (parietal layer)
10. 睾丸 testis
11. 副睾头 head of epididymis
12. 阴茎 penis
13. 腹股沟管浅环 superficial inguinal ring
14. 髂腹下神经 iliohypogastric n.



1. 阴茎背神经 dorsal nerve of penis
2. 阴茎背动脉 dorsal artery of penis
3. 阴茎背深静脉 deep dorsal vein of penis
4. 阴茎深筋膜 deep fascia of penis
5. 阴茎浅筋膜 superficial fascia of penis
6. 皮肤 skin
7. 阴茎包皮 prepuce of penis
8. 阴茎颈 neck of penis
9. 阴茎头 glans penis
10. 尿道球 bulb of urethra
11. 阴茎脚 crus penis
12. 阴茎海绵体白膜 albuginea of cavernous body of penis
13. 尿道海绵体 cavernous body of urethra
14. 男尿道 male urethra
15. 阴茎深动脉 deep artery of penis
16. 阴茎海绵体 cavernous body of penis
17. 阴茎背深静脉 deep dorsal vein of penis

图 214 阴茎(A. 尿道面，B. 阴茎背)
Penis(A.urethral surface,B.dorsum penis)

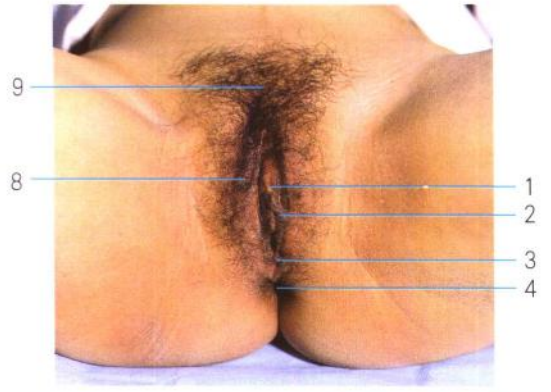


图215 女性外生殖器(Ⅰ)
External genital organs of the female(Ⅰ)

1. 阴蒂及阴蒂包皮 clitoris and prepuce of clitoris
2. 小阴唇 lesser lip of pudendum
3. 阴唇系带 frenulum of pudendal labia
4. 肛门 anus
5. 会阴 perineum
6. 阴道口及处女膜痕 vaginal orifice and carunculae hymenales
7. 尿道外口 external orifice of urethra
8. 大阴唇 greater lip of pudendum
9. 阴阜 mons pubis



图216 女性外生殖器(Ⅱ)
External genital organs of the female(Ⅱ)

1. 阴蒂海绵体 cavernous body of clitoris
2. 阴蒂及阴蒂包皮 clitoris and prepuce of clitoris
3. 阴蒂脚 crus of clitoris
4. 球海绵体肌 bulbocavernosous
5. 前庭球 bulb of vestibule
6. 坐骨海绵体肌 ischiocavernosus
7. 会阴浅横肌 superficial transverse muscle of perineum
8. 肛提肌 levator ani
9. 肛门外括约肌 sphincter ani externus
10. 臀大肌 gluteus maximus
11. 肛门 anus
12. 坐骨肛门窝 ischioanal fossa
13. 前庭大腺 greater vestibular gland
14. 阴道口 vaginal orifice
15. 小阴唇 lesser lip of pudendum
16. 尿道外口 external orifice of urethra
17. 阴蒂系带 frenulum of clitoris

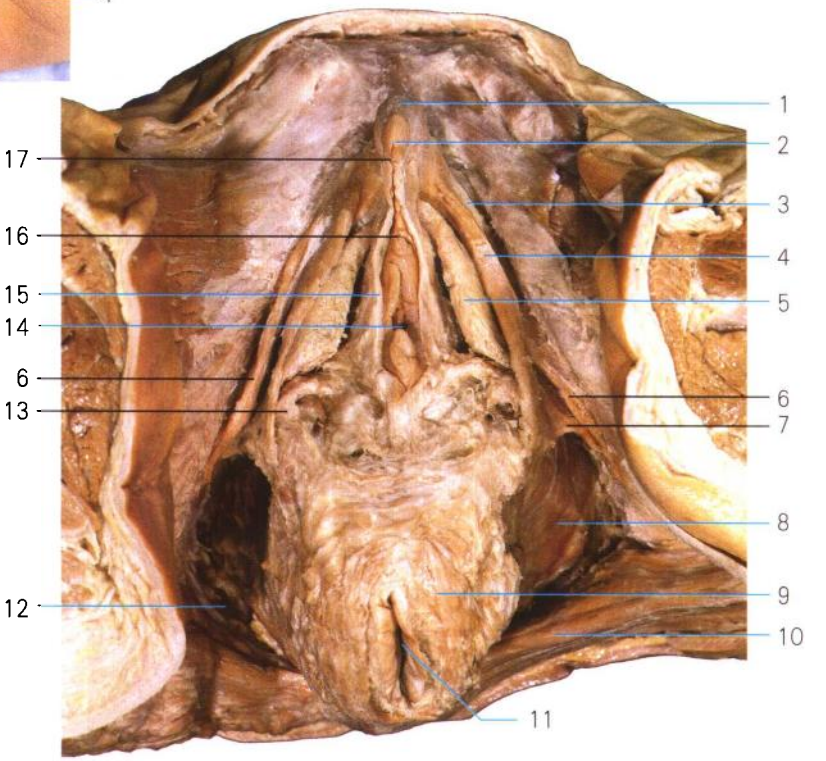


图217 女性会阴浅隙及坐骨肛门窝(Ⅰ)
Superficial perineal space and ischioanal fossa of the female(Ⅰ)

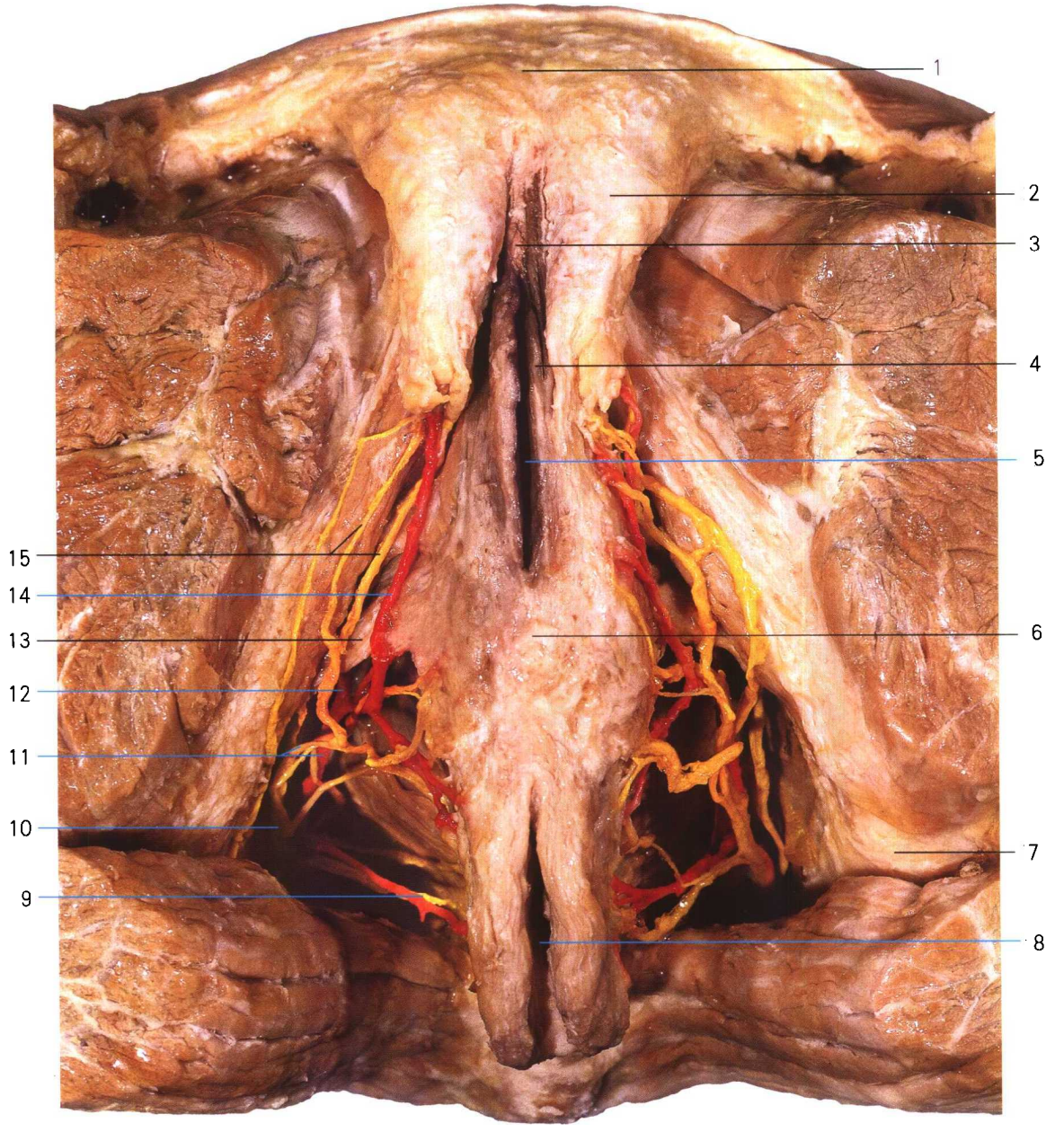
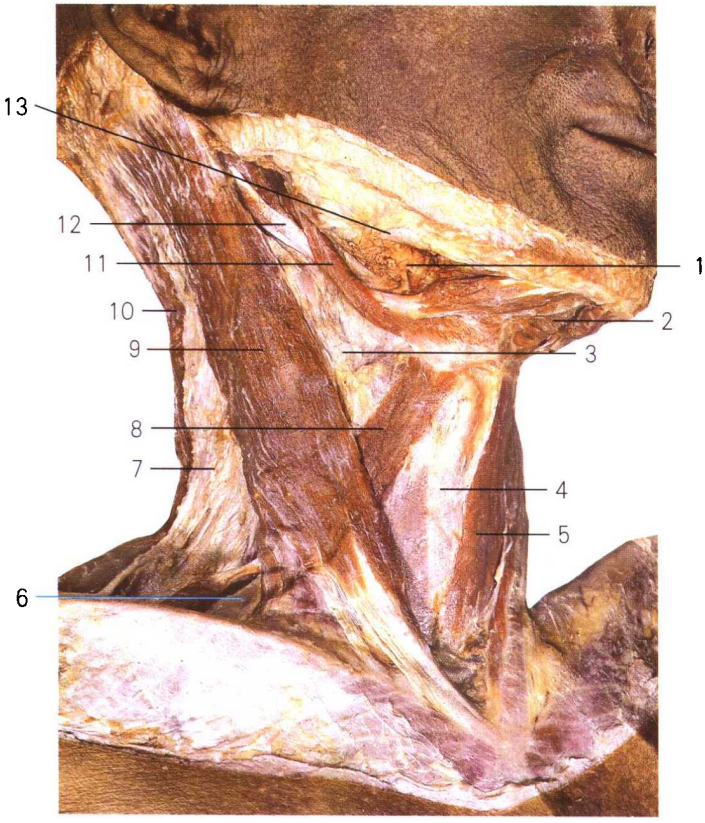


图 218　女性会阴浅隙及坐骨肛门窝(Ⅱ)
Superficial perineal space and ischioanal fossa of the female(Ⅱ)

1. 阴阜　mons pubis
2. 大阴唇　greater lip of pudendum
3. 阴蒂　clitoris
4. 小阴唇　lesser lip of pudendum
5. 阴道口　vaginal orifice
6. 会阴体　perineal body
7. 坐骨结节　ischial tuberosity
8. 肛门　anus
9. 肛动脉和神经　anal a.n.
10. 阴部神经　pudendal n.
11. 会阴神经、动脉　perineal n.a.
12. 阴蒂深动脉　deep artery of clitoris
13. 会阴浅横肌　superficial transverse muscle of perineum
14. 阴唇后支　posterior labial branches
15. 阴唇后神经　posterior labial n.

第7章 颈部

CHAPTER 7 THE NECK



1. 下颌下三角 submandibular triangle
2. 颏下三角 submental triangle
3. 颈动脉三角 carotid triangle
4. 肌三角 muscular triangle
5. 胸骨舌骨肌 sternohyoid
6. 锁骨上大窝 greater supraclavicular fossa
7. 枕三角 occipital triangle
8. 肩胛舌骨肌上腹 superior belly of the omohyoid

图 219 颈部三角
Traingle of cervical region

9. 胸锁乳突肌 sternocleidomastoid
10. 斜方肌 trapezins
11. 茎突舌骨肌 stylohyoid
12. 二腹肌后腹 posterior belly of the digastric
13. 下颌骨下缘 inferior margin of the mandible
14. 颈阔肌 platysma

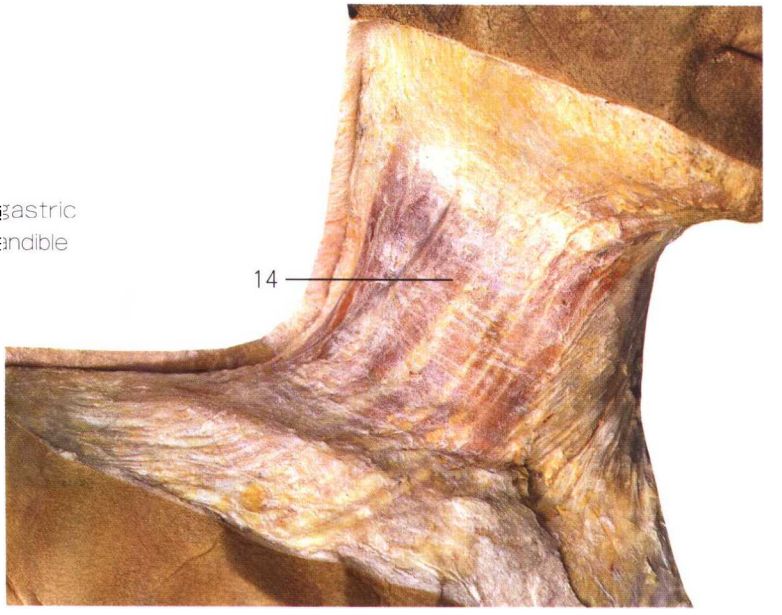


图 220 颈阔肌侧面观
Lateral aspect of platysma

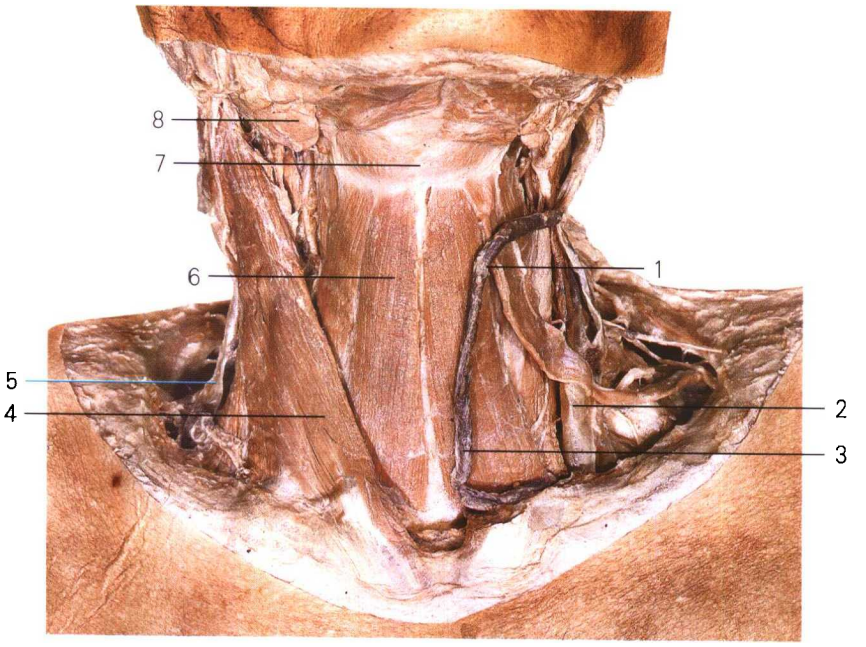
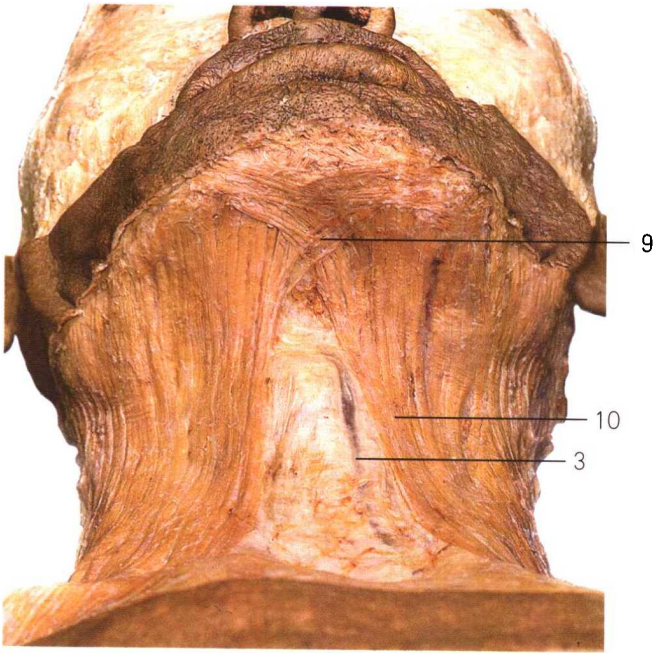


图 221 颈前区浅层结构
Superficial structures of the anterior cervical region



1. 肩胛舌骨肌 omohyoid
2. 颈内静脉 internal jugular v.
3. 颈前静脉 anterior jugular v.
4. 胸锁乳突肌 sternocleidomastoid
5. 颈外静脉 external jugular v.
6. 胸骨舌骨肌 sternohyoid
7. 舌骨 hyoid bone
8. 下颌下腺 submandibular gland
9. 颈阔肌交叉纤维 cross fiber of platysma
10. 颈阔肌 platysma

图 222 颈阔肌前面观
Anterior aspect of platysma

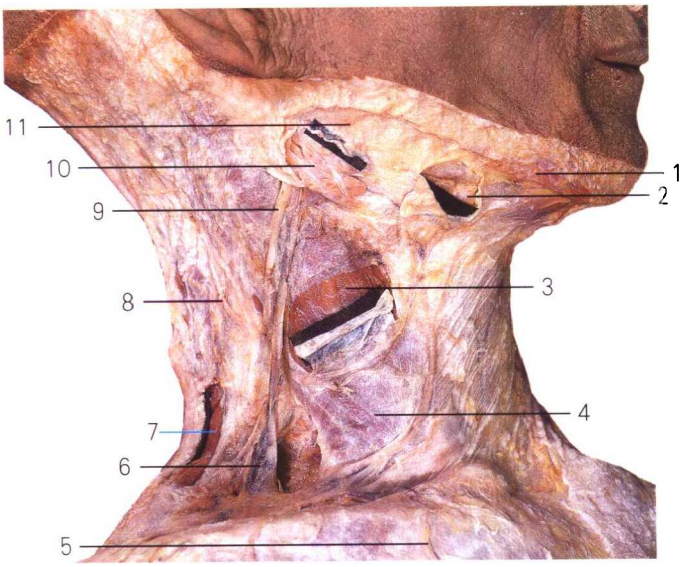


图 223　颈深筋膜浅层
Superficial layer of cervical deep fascia

1. 颈阔肌　platysma
2. 下颌下腺　submandibular gland
3. 胸锁乳突肌　sternocleidomastoid
4. 颈深筋膜浅层　superficial layer of the cervical deep fascia
5. 锁骨上神经　supraclavicular n.
6. 颈外静脉　external jugular v.
7. 斜方肌　trapezius
8. 枕小神经　lesser occipital n.
9. 耳大神经　greater auricular n.
10. 腮腺　parotid gland
11. 腮腺筋膜　parotid fascia
12. 舌骨　hyoid bone
13. 颈前静脉　anterior jugular v.
14. 胸骨舌骨肌　sternohyoid
15. 颈横动脉　transeverse jugular a.
16. 肩胛舌骨肌　omohyoid
17. 颈内静脉　interior jugular v.
18. 颈丛　cervical plexus

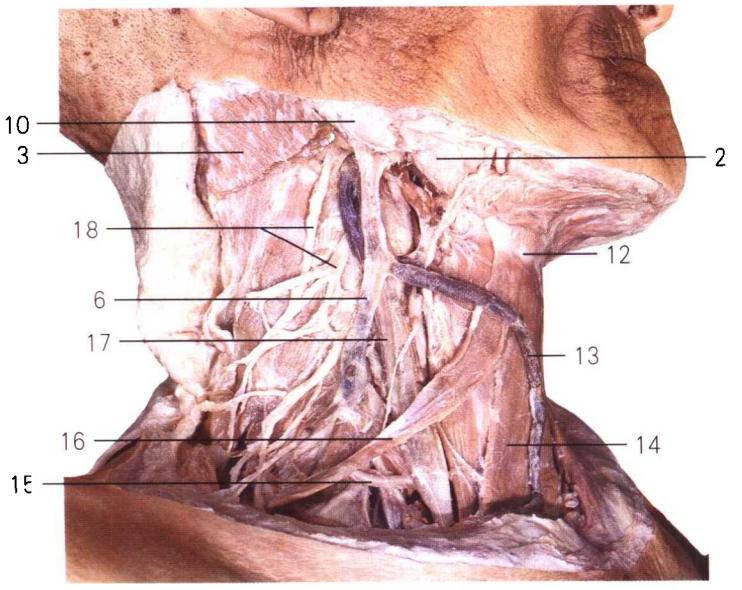
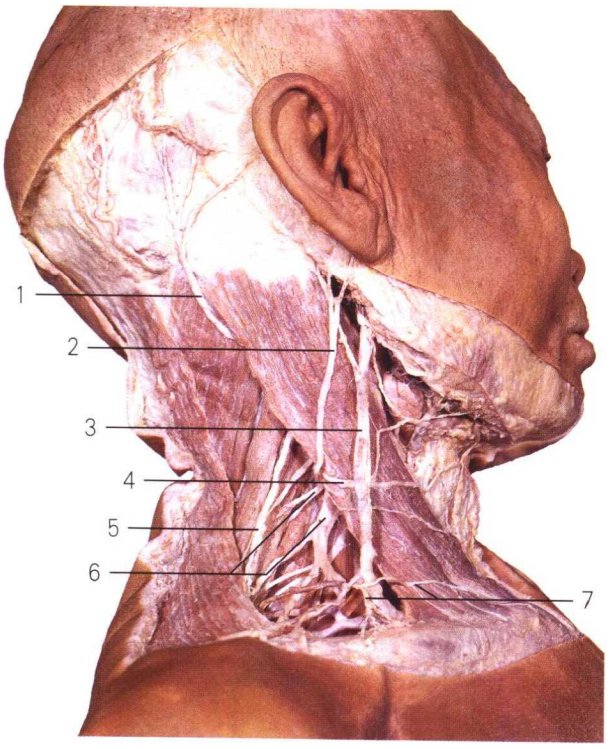


图 224　颈丛和颈浅静脉
Cervical plexus and superficial jugular veins



1. 枕小神经 lesser occipital n.
2. 耳大神经 great auricular n.
3. 颈外静脉 external jugular v.
4. 颈横神经 transeverse nerve of neck
5. 副神经 accessory n.
6. 颈丛 cervical plexus
7. 锁骨上神经 supraclavicular n.
8. 肩胛舌骨肌 omohyoid
9. 胸骨舌骨肌 sternohyoid
10. 颈内静脉 internal jugular v.
11. 颈静脉弓 jugular venous arch
12. 胸锁乳突肌 sternocleidomastoid
13. 颈前静脉 anterior jugular v.

图 225 颈丛及其分支
Cervical plexus and it's branches

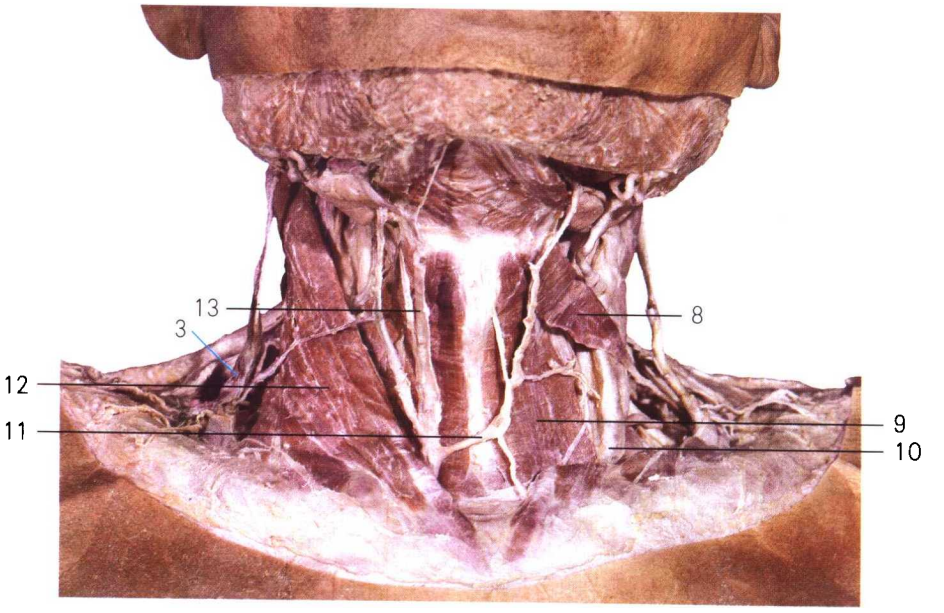


图 226 颈部浅静脉
Superficial veins of cervical region

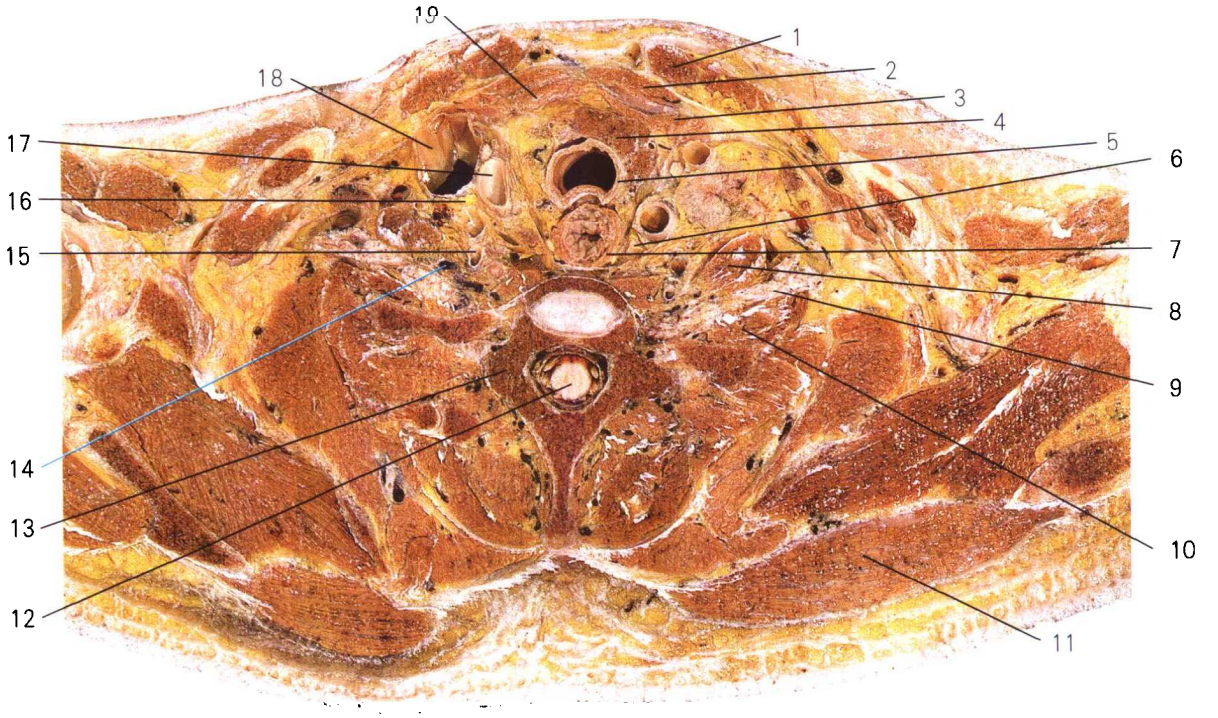


图 227　第七颈椎间盘横切面
Transverse section at level of seventh cervical vertebral disc

1. 胸锁乳突肌　sternocleidomastoid
2. 胸骨舌骨肌　sternohyoid
3. 肩胛舌骨肌　omohyoid
4. 甲状腺　thyroid gland
5. 气管　trachea
6. 左喉返神经　left recurrent laryngeal n.
7. 食管　esophagus
8. 前斜角肌　scalenus anterior
9. 臂丛　brachial plexus
10. 中斜角肌　scalenus medius
11. 斜方肌　trapezius
12. 脊髓　spinal cord
13. 第七颈椎　seventh cervical vertibra
14. 椎静脉　vertebral v.
15. 椎动脉　vertebral a.
16. 迷走神经　vagus n.
17. 颈总动脉　common carotid a.
18. 颈内静脉　internal jugular v.
19. 胸骨甲状肌　sternothyroid

1. 下颌下腺 submandibular gland
2. 胸骨舌骨肌 sternohyoid
3. 甲状软骨 thyroid cartilage
4. 环甲肌 cricothyroid
5. 甲状腺峡部 isthmus of thyroid gland
6. 迷走神经 vagus v.
7. 颈总动脉 common carotid a
8. 甲状腺下静脉 inferior thyroid v.
9. 颈内静脉 internal jugular v.
10. 臂丛 brachial plexus
11. 中斜角肌 scalenus medius
12. 甲状腺侧叶 lateral lobe of thyroid gland
13. 喉上神经 superior laryngeal n.
14. 颈丛 cervical plexus
15. 甲状腺上动脉 superior thyroid a.
16. 甲状舌骨肌 tyhrohyoid
17. 下颌舌骨肌 mylohyoid
18. 深筋膜浅层 superficial layer of deep fascia
19. 胸锁乳突肌 sternocleidomastoid
20. 颈前静脉 anterior jugular v.
21. 颈静脉弓 jugular venous arch
22. 胸骨上窝 suprasternal fossa

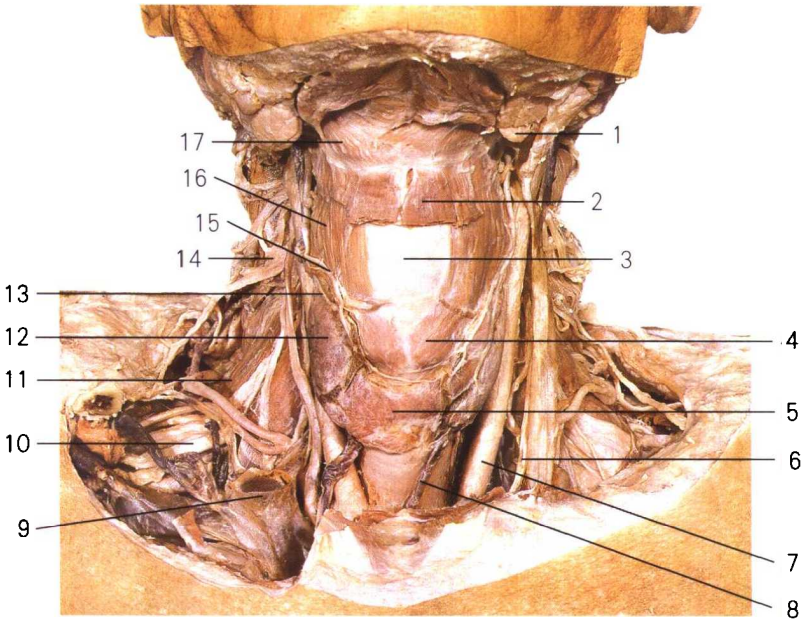


图 228 甲状腺区前面观
Anterior aspect of the region of thyroid

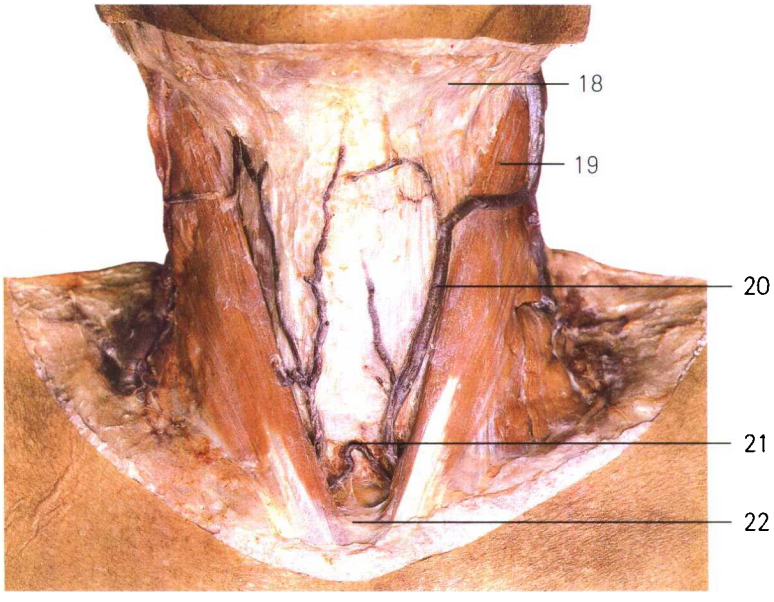


图 229 颈浅静脉
Superficial cervical veins

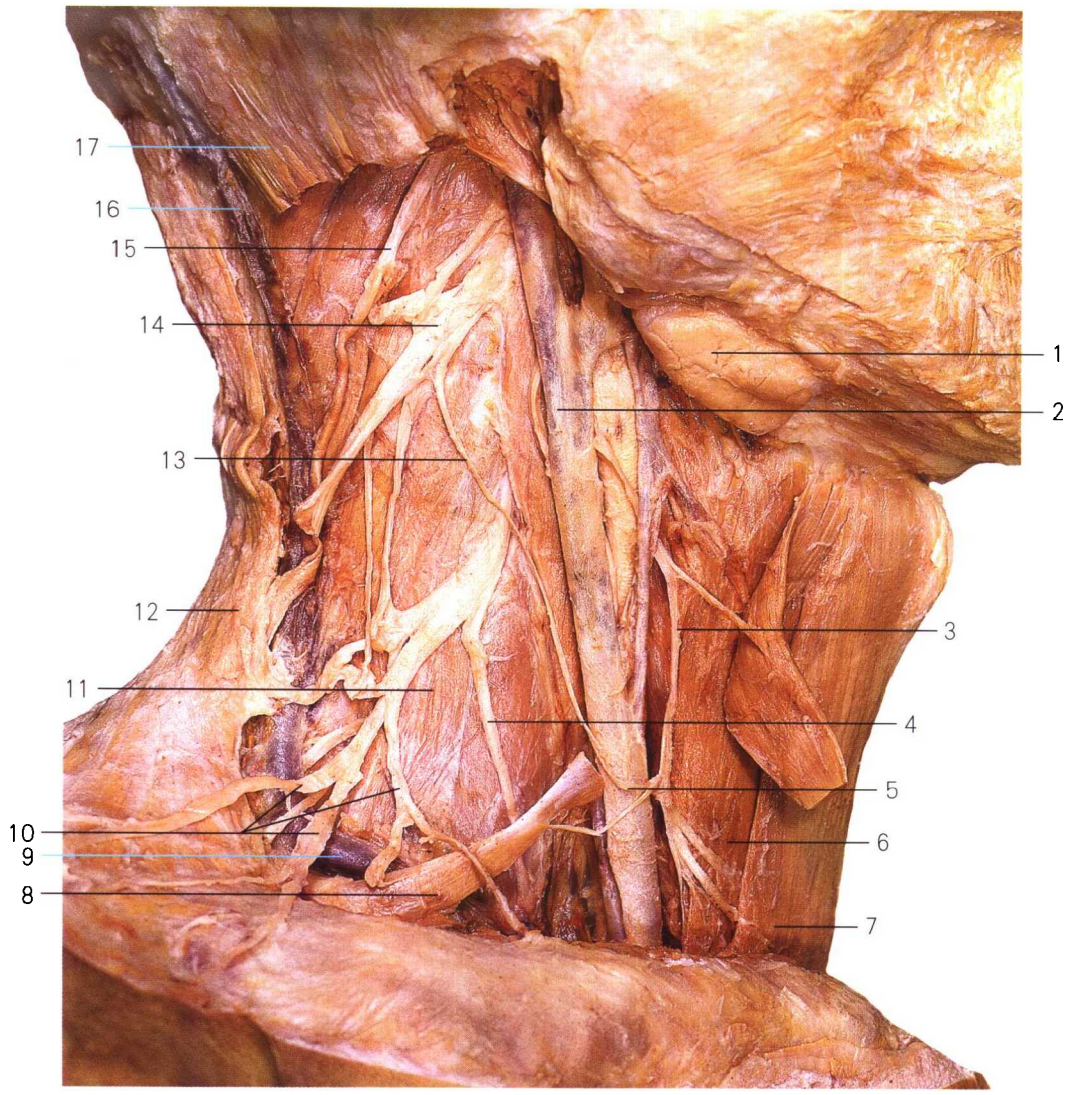


图 230　颈部右侧面的肌、血管和神经(Ⅰ)
Muscles,blood vessels and nerves of the right lateral aspect of the neck(Ⅰ)

1. 下颌下腺　submandibular gland
2. 颈内静脉　internal jugular v.
3. 上根　superior root
4. 膈神经　phrenic n.
5. 颈襻　ansa cervicalis
6. 胸骨甲状肌　sternothyroid
7. 胸骨舌骨肌　sternohyoid
8. 肩胛舌骨肌　omohyoid
9. 锁骨下静脉　subclavian v.
10. 锁骨上神经　supraclavicular n.
11. 肩胛提肌　levator scapulae
12. 斜方肌　trapezius
13. 下根　inferior root
14. 颈丛　cervical plexus
15. 副神经　accessory n.
16. 枕静脉　occipital v.
17. 胸锁乳突肌　sternocleidomastoid

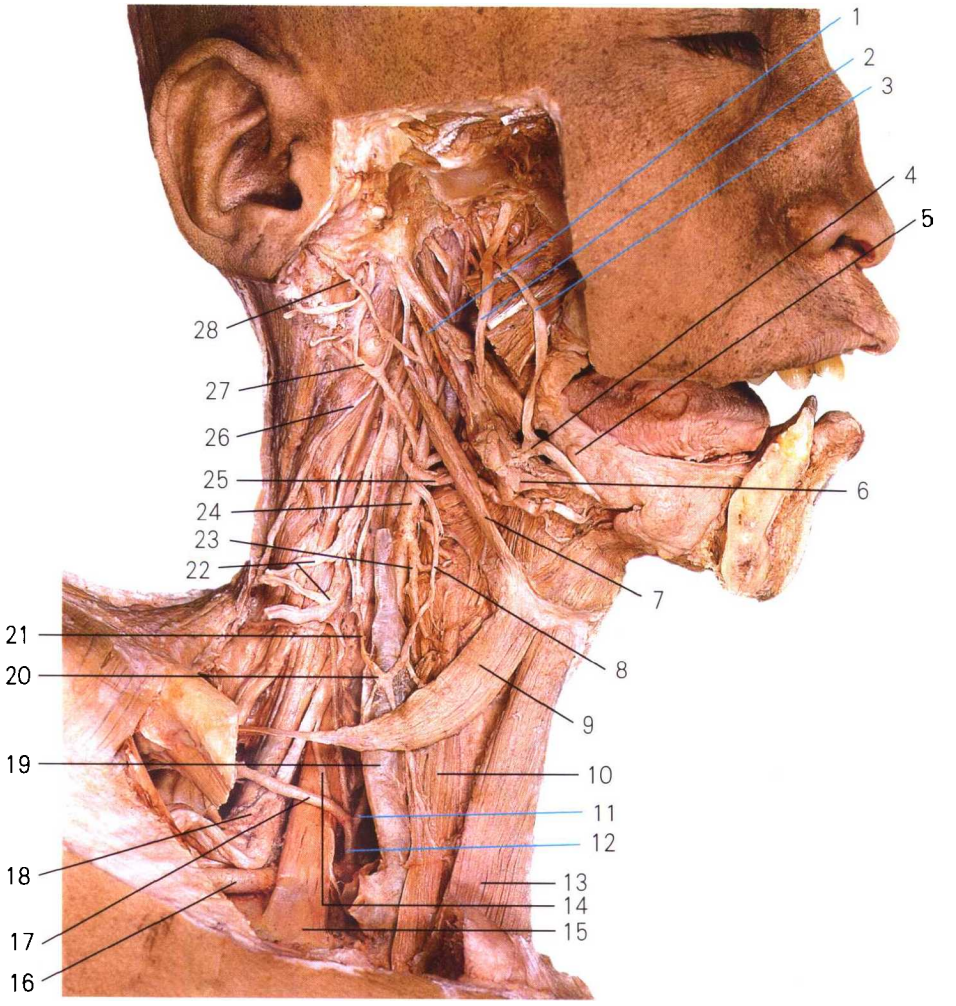


图 231 颈部右侧面的肌、血管和神经(Ⅱ)
Muscles, blood vessels and nerves of the right lateral aspect of the neck(Ⅱ)

1. 舌咽神经 glossopharyngeal n.
2. 下牙槽神经 inferior alveolar n.
3. 舌神经 lingual n.
4. 下颌下节 submandibular ganglion
5. 舌下腺 sublingual gland
6. 下颌下腺 submandibular gland
7. 茎突舌骨肌 stylohyoid
8. 上根 superior root
9. 肩胛舌骨肌 omohyoid
10. 胸骨甲状肌 sternothyroid
11. 甲状腺下动脉 inferior thyroid a.
12. 甲状颈干 thyrocervical trunk
13. 胸骨舌骨肌 sternohyoid
14. 膈神经 phrenic n.
15. 前斜角肌 scalenus anterior
16. 锁骨下动脉 subclavian a.
17. 颈横动脉 transeverse cervical a.
18. 臂丛 brachial plexus
19. 颈内静脉 internal jugular v.
20. 颈襻 ansa cervicalis
21. 下根 inferior root
22. 颈丛 cervical plexus
23. 甲状腺上动脉 superior thyroid a.
24. 颈外动脉 external jugular a.
25. 舌下神经 hypoglossal n.
26. 副神经 accessory n.
27. 枕动脉 occipital a.
28. 耳后动脉 posterior auricular a.

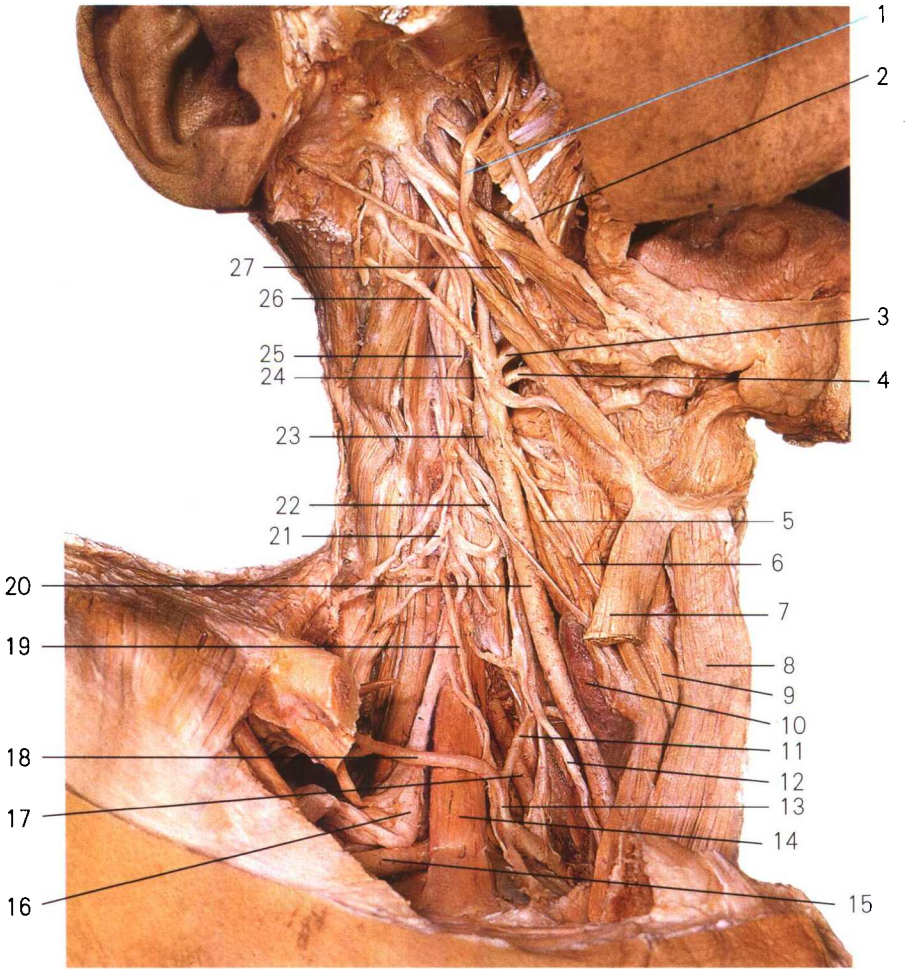


图 232　颈部右侧面的肌、血管和神经(Ⅲ)
Muscles,blood vessels and nerves of the right lateral aspect of the neck(Ⅲ)

1. 下牙槽神经　inferior alveolar n.
2. 舌神经　lingual n.
3. 面动脉　facial a.
4. 舌动脉　lingual a.
5. 甲状腺上动脉　superior thyroid a.
6. 上根　superior root
7. 肩胛舌骨肌　omohyoid
8. 胸骨舌骨肌　sternohyoid
9. 胸骨甲状肌　sternothyroid
10. 甲状腺　thyroid gland
11. 甲状腺下动脉　inferior thyroid a.
12. 迷走神经　vagus n.
13. 甲状颈干　thyrocervical trunk
14. 前斜角肌　scalenus anterior
15. 锁骨下动脉　subclavian a.
16. 臂丛　brachial plexus
17. 椎动脉　vertibral a.
18. 颈横动脉　transeverse cervical a.
19. 膈神经　phrenic n.
20. 颈总动脉　common carotid a.
21. 颈丛　cervical plexus
22. 下根　inferior root
23. 颈动脉窦　carotid sinus
24. 舌下神经　hypoglossal n.
25. 副神经　accessory n.
26. 枕动脉　occipital a.
27. 舌咽神经　glossopharyngeal n.

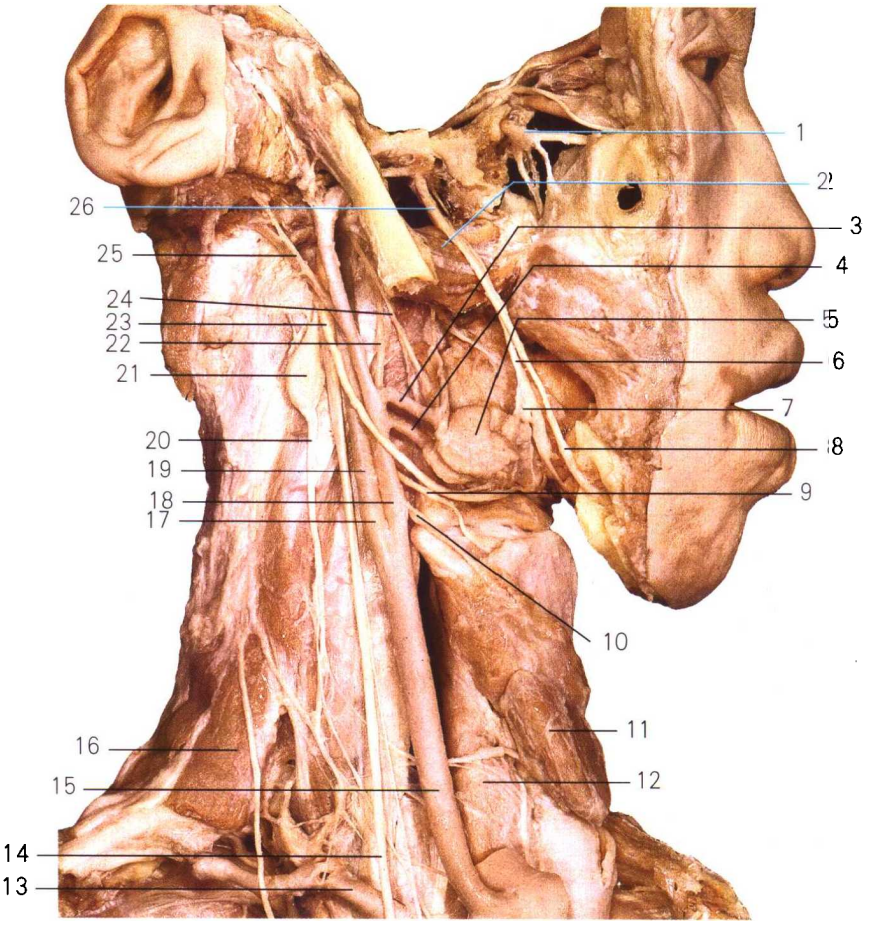
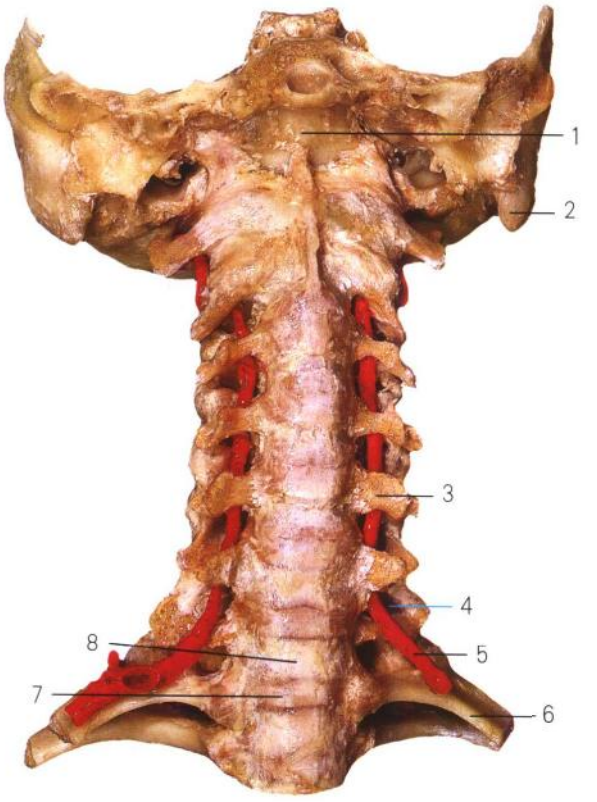


图 233 颈深部血管和神经
Deep blood vessels and nerves of the neck

1. 上颌神经 maxillary n.
2. 翼外肌 lateral pterygoid
3. 面动脉 facial a.
4. 舌动脉 lingual a.
5. 下颌下腺 submandibular gland
6. 舌神经 facial a.
7. 下颌下节 submandibular ganglion
8. 下牙槽神经 inferior alveolar n.
9. 喉上神经 superior laryngeal n.
10. 甲状腺上动脉 superior thyroid a.
11. 甲状腺 thyroid gland
12. 咽 pharynx
13. 锁骨下动脉 subclavian a.
14. 迷走神经 vagus n.
15. 颈总动脉 common carotid a.
16. 斜方肌 trapezius
17. 颈动脉窦 carotid sinus
18. 颈外动脉 external carotid a.
19. 颈内动脉 internal carotid a.
20. 交感干 sympathetic trunk
21. 交感颈上节 superior cervical ganglion
22. 咽升动脉 ascending pharyngeal a.
23. 舌下神经 sublingual n.
24. 舌咽神经 glossopharyngeal n.
25. 枕动脉 occipital a.
26. 下颌神经 submandibular n.



1. 枕骨 occipital bone
2. 乳突 mastoid process
3. 横突 transverse process
4. 横突孔 transeverse foramen
5. 椎动脉 vertibral a.
6. 第一肋 first rib
7. 椎体 vertebral body
8. 椎间盘 intervertebral discs
9. 外耳门 external acoustic pore
10. 项韧带 ligamentum nuchae
11. 棘突 spinous process

图 234 椎动脉和颈椎前面观
Anterior aspect of vertebral artery and cervical vertebrae

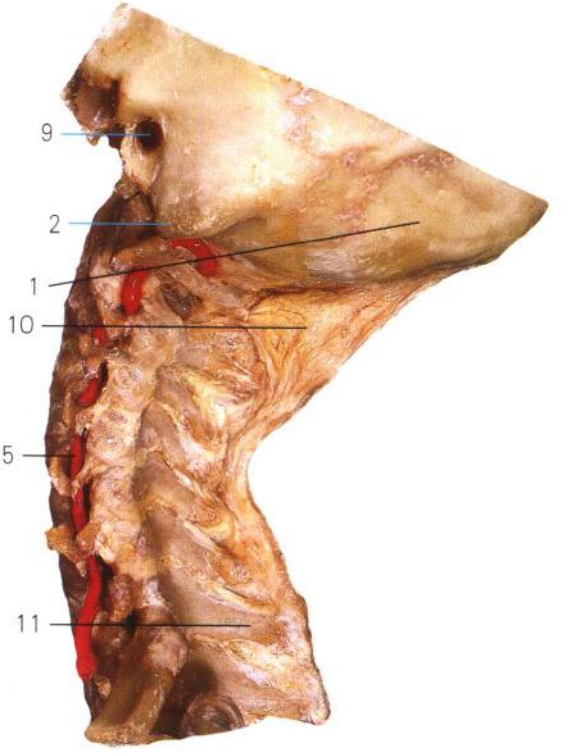


图 235 椎动脉和颈椎侧面观
Laterior aspect of vertebral artery and cervical vertebrae

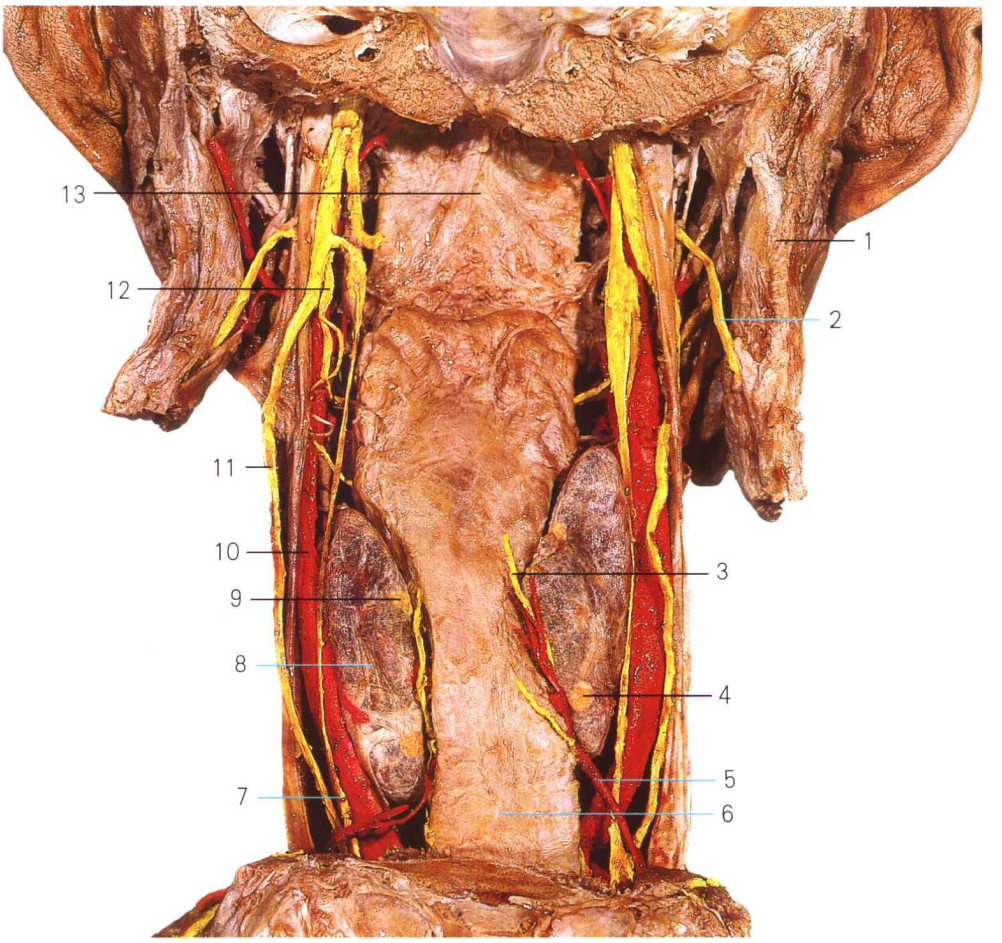
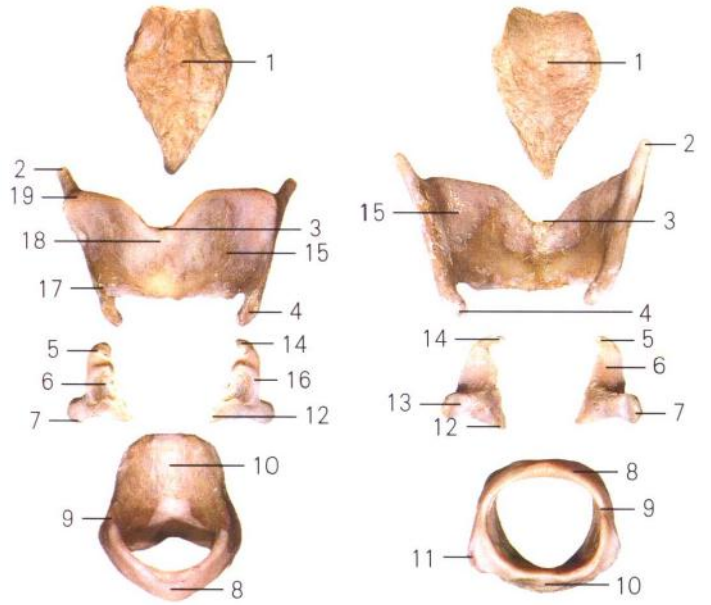


图 236 甲状腺区后面观
Posterior aspect of the region of thyroid gland

1. 胸锁乳突肌 sternocleidomastoid
2. 副神经 accessory n.
3. 右喉返神经 right recurrent laryngeal n.
4. 下甲状旁腺 inferior parathyroid gland
5. 甲状腺下动脉 inferior thyroid a.
6. 食管颈部 cervical part of the esophagus
7. 迷走神经颈心支 cervical cardiac branches of vagus n.
8. 甲状腺 thyroid gland
9. 上甲状旁腺 superior parathyroid gland
10. 颈总动脉 common carotid a.
11. 迷走神经 vagus n.
12. 喉上神经 superior laryngeal n.
13. 咽 pharynx



1. 会厌软骨 epiglottic cartilage
2. 上角 superior cornu
3. 上切迹 superior thyroid notch
4. 下角 inferior cornu
5. 杓状软骨尖 apex of arytenoid cartilage
6. 杓状软骨 arytenoid cartilage
7. 肌突 muscular process
8. 环状软骨弓 arch of cricoid cartilage
9. 环状软骨 cricoid cartilage
10. 环状软骨板 lamina of cricoid cartilage
11. 甲关节面 thyroid articular surface
12. 声带突 vocal process
13. 关节面 articular surface
14. 小角软骨 corniculate cartilage
15. 甲状软骨板 lamina of thyroid cartilage
16. 弓状嵴 arcuate crest
17. 下结节 inferior thyroid tubercle
18. 喉结 laryngeal prominence
19. 上结节 superior thyroid tubercle

图 237 喉软骨前、后面观
Anterior and posterior aspect of the cartilages of larynx

1. 会厌软骨 epiglottic cartilage
2. 舌骨大角 greater horn
3. 甲状舌骨膜 thyrohyoid membrane
4. 甲状软骨 thyroid cartilage
5. 杓状软骨 arytenoid cartilage
6. 肌突 muscular process
7. 环状软骨板 lamina of cricoid cartilage
8. 气管软骨 tracheal cartilages
9. 下角 inferior cornu
10. 声带突 vocal process
11. 小角软骨 corniculate cartilage
12. 上角 superior cornu
13. 舌骨体 body of hyoid bone
14. 甲状舌骨正中韧带 median thyrohyoid lig.
15. 上切迹 superior thyroid notch
16. 喉结 laryngeal prominence
17. 环状软骨 cricoid cartilage
18. 环韧带 annular ligaments
19. 环甲韧带 cricothyroid lig.

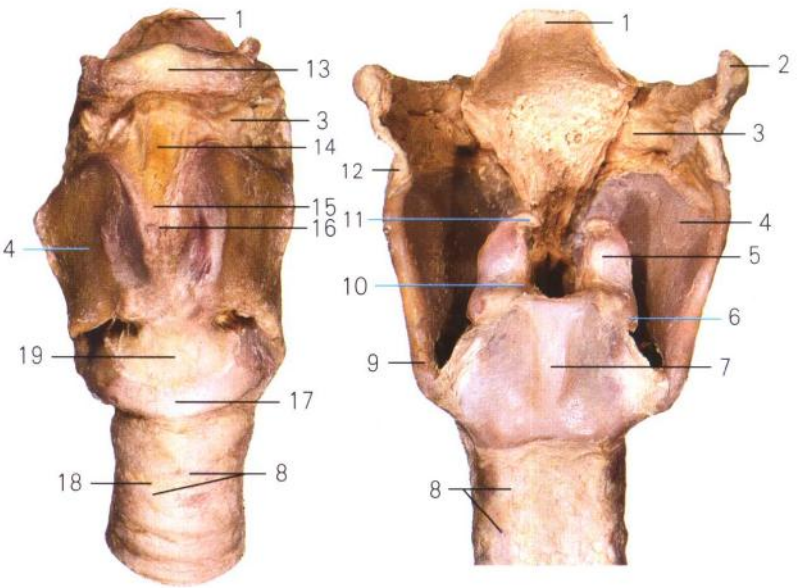


图 238 喉的软骨和韧带(Ⅰ)
Cartilages and ligaments of larynx(Ⅰ)

1. 舌骨体 body of hyoid bone
2. 上切迹 superior thyroid notch
3. 喉结 laryngeal prominence
4. 甲杓肌 thyroarytenoid
5. 气管软骨 tracheal cartilage
6. 环甲关节面 thyroid articular surface of cricoid cartilage
7. 环状软骨 cricoid cartilage
8. 环杓后肌 posterior cricoarytenoid
9. 环杓侧肌 lateral cricoarytenoid
10. 甲会厌肌 thyroepiglottis

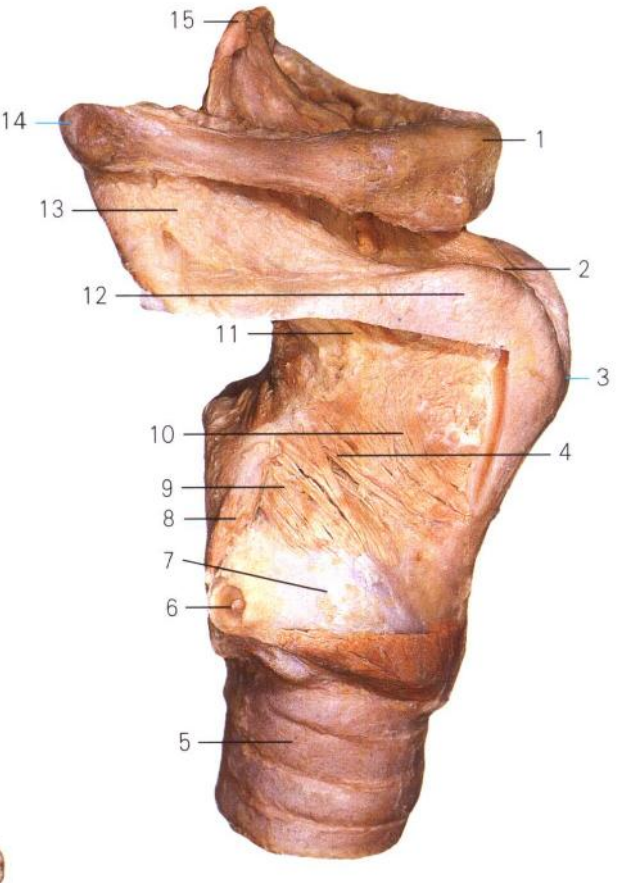


图 239 喉右侧面观
Right lateral aspect of larynx

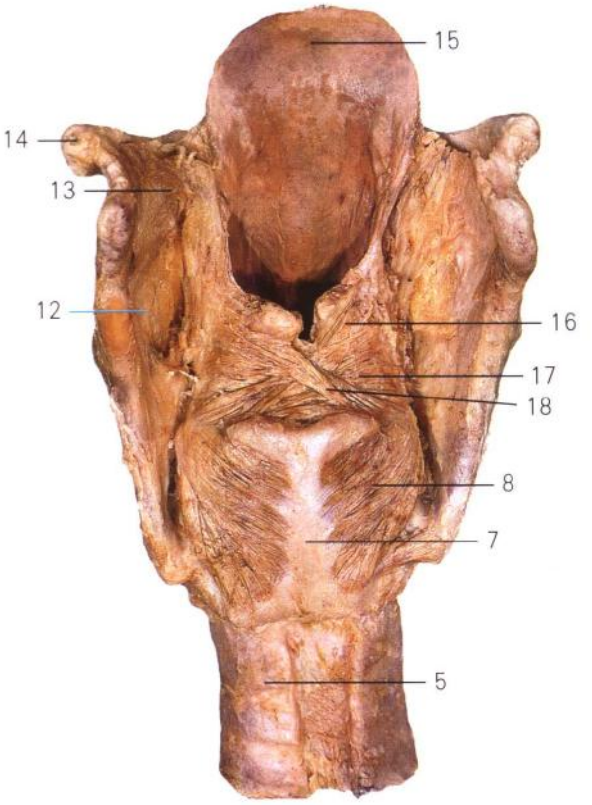
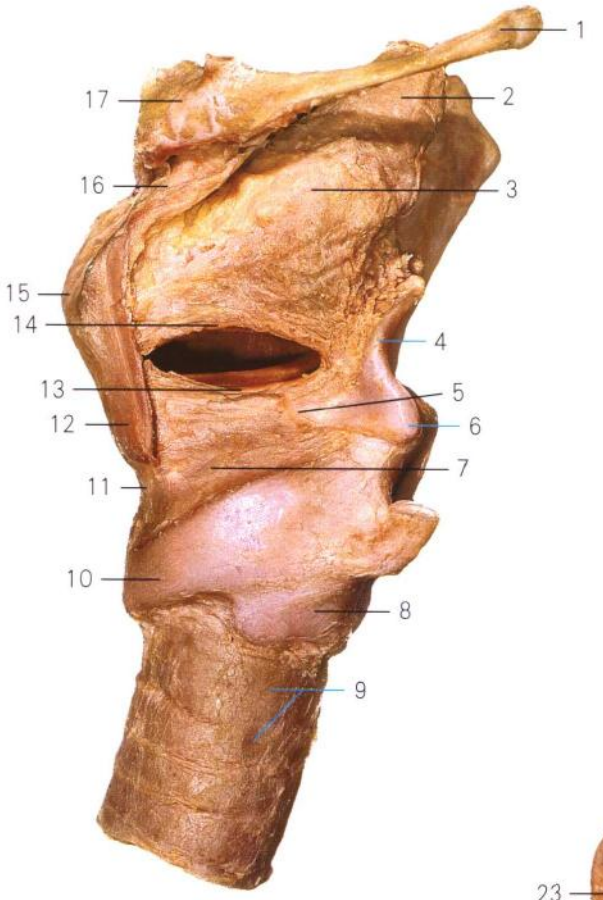


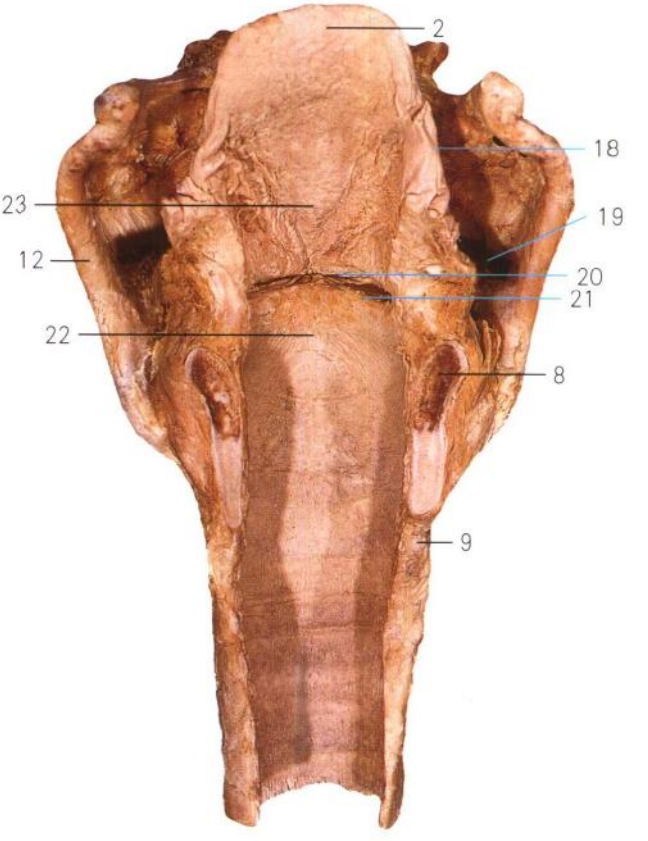
图 240 喉肌后面观
Posterior aspect of muscles of larynx

11. 方形膜 quadrangular membrane
12. 甲状软骨板 lamina of thyroid cartilage
13. 甲状舌骨膜 thyrohyoid membrane
14. 舌骨大角 greater horn
15. 会厌 epiglottis
16. 杓会厌肌 aryepiglottis
17. 杓横肌 transeverse arytenoid
18. 杓斜肌 oblique arytenoid



1. 舌骨大角 greater horn
2. 会厌 epiglotis
3. 方形膜 quadrangular membrane
4. 杓状软骨尖 apex of arytenoid cartilage
5. 声带突 vocal process
6. 肌突 muscular process
7. 弹性圆锥 conus elasticus
8. 环状软骨板 lamina of cricoid cartilage
9. 气管软骨 tracheal cartilage
10. 环状软骨弓 arch of cricoid lartilage
11. 环甲韧带 cricothyroid lig.
12. 甲状软骨 thyroid cartilage
13. 声韧带 vocal lig.

图 241 喉的软骨和韧带(Ⅱ)
Cartilages and ligaments of larynx(Ⅱ)



14. 前庭韧带 vestibular lig.
15. 喉结 laryngeal prominence
16. 甲舌膜 thyrohyoid membrane
17. 舌骨体 body of hyoid bone
18. 杓会厌襞 aryepiglottic fold
19. 梨状隐窝 piriform recess
20. 前庭襞 vestibular fold
21. 声襞 vocal fold
22. 声门下腔 infraglottic cavity
23. 喉前庭 laryngeal vestibule

图 242 喉腔后面观
Posterior aspect of the cavity of larynx

第8章 头部

CHAPTER 8 THE HEAD

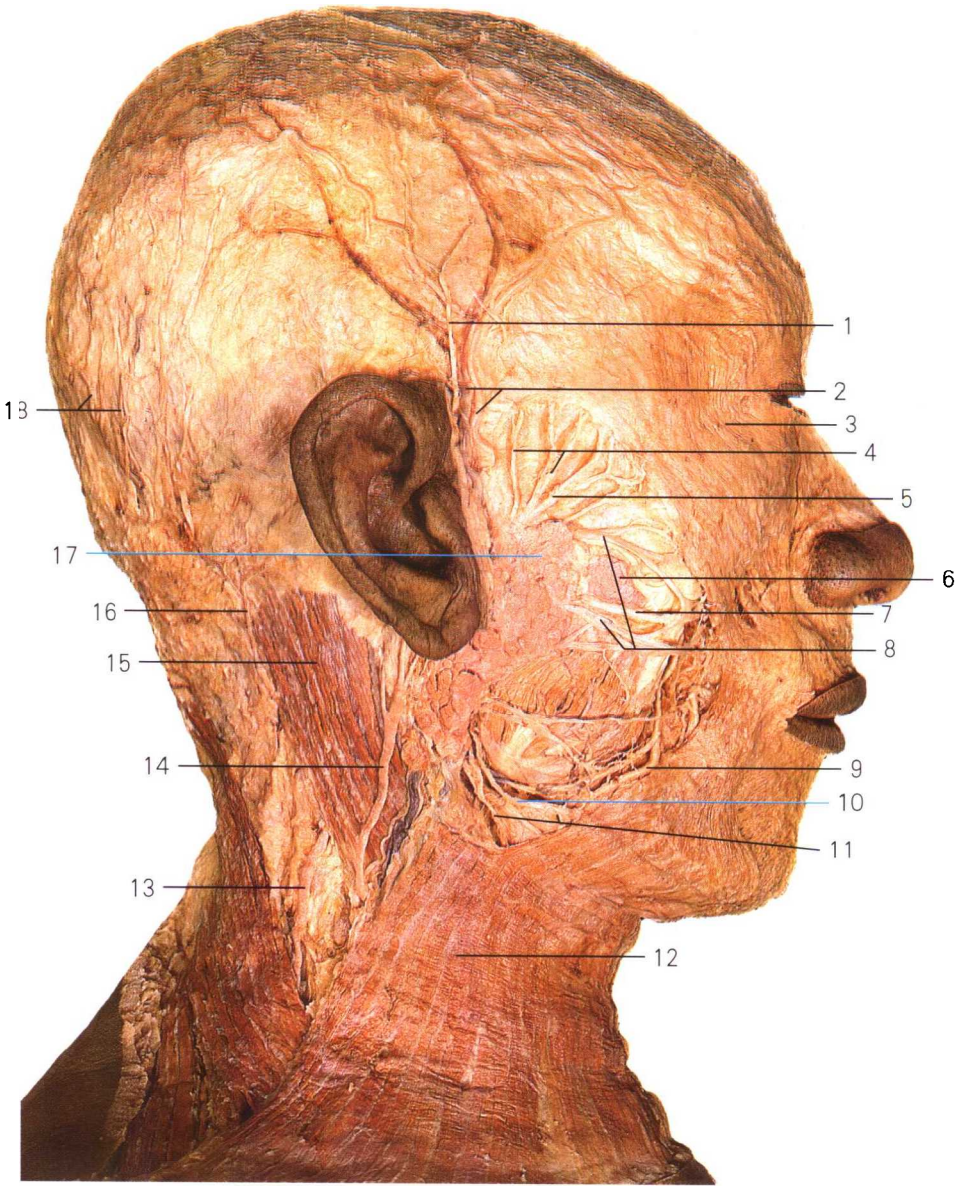


图 243　头颈的肌、血管和神经(Ⅰ)
Muscles,blood vessels and nerves of the head and neck(Ⅰ)

1. 耳颞神经　auriculotemporal n.
2. 颞浅动脉和静脉　superfical temporal a.and v.
3. 眼轮匝肌　orbicularis oculi
4. 颞支　temporal branches
5. 颧支　zygomatic branches
6. 副腮腺　accessory parotid gland
7. 腮腺导管　parotid duct
8. 颊支　buccal branches
9. 面动脉　facial a.
10. 下颌缘支　marginal mandibular branch
11. 颈支　cervical branch
12. 颈阔肌　platysma
13. 副神经　accessory n.(XI)
14. 耳大神经　great auricular n.
15. 胸锁乳突肌　sternocleidomastoid
16. 枕小神经　lesser occipital n.
17. 腮腺　parotid gland
18. 枕大神经和枕动脉　greater occipital n.and occiptal a.

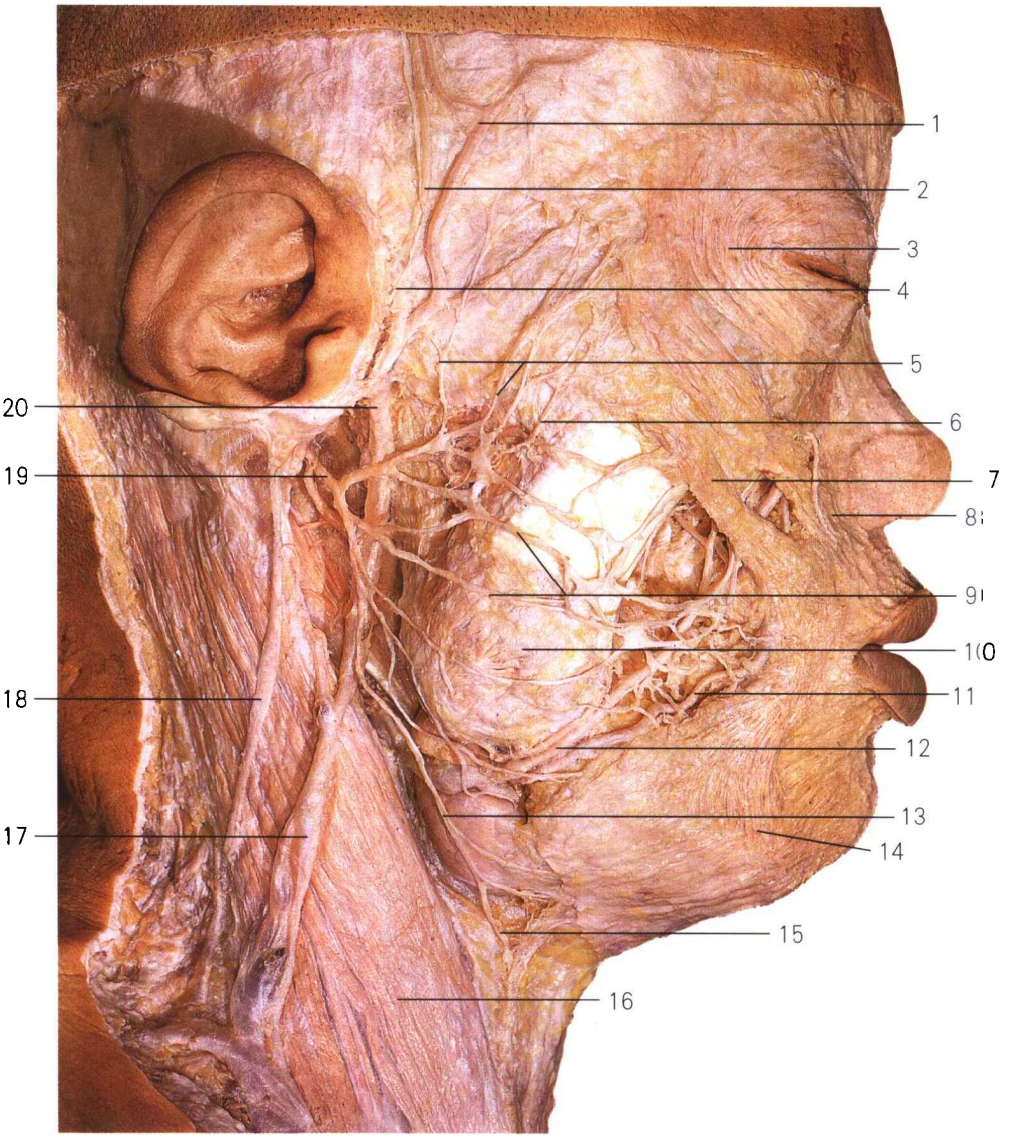


图 244 头颈的肌、血管和神经(Ⅱ)
Muscles,blood vessels and nerves of the head and neck(Ⅱ)

1. 颞浅动脉 superfical temporal a.
2. 颞浅静脉 superfical temporal v.
3. 眼轮匝肌 orbicularis oculi
4. 耳颞神经 auriculotemporal n.
5. 颞支 temporal branches
6. 颧支 zygomatic branches
7. 颧大肌 zygomaticus major
8. 提上唇肌 levator labii superioris
9. 颊支 buccal branches
10. 咬肌 masseter
11. 面动脉 facial a.
12. 面静脉 facial v.
13. 下颌缘支 marginal mandibular branch
14. 降口角肌 depressor anguli oris
15. 颈支 cervical branch
16. 胸锁乳突肌 sternocleidomastoid
17. 颈外静脉 exteral jugular v.
18. 耳大神经 great auricular n.
19. 面神经 facial n.
20. 下颌后静脉 ratromandibular v.

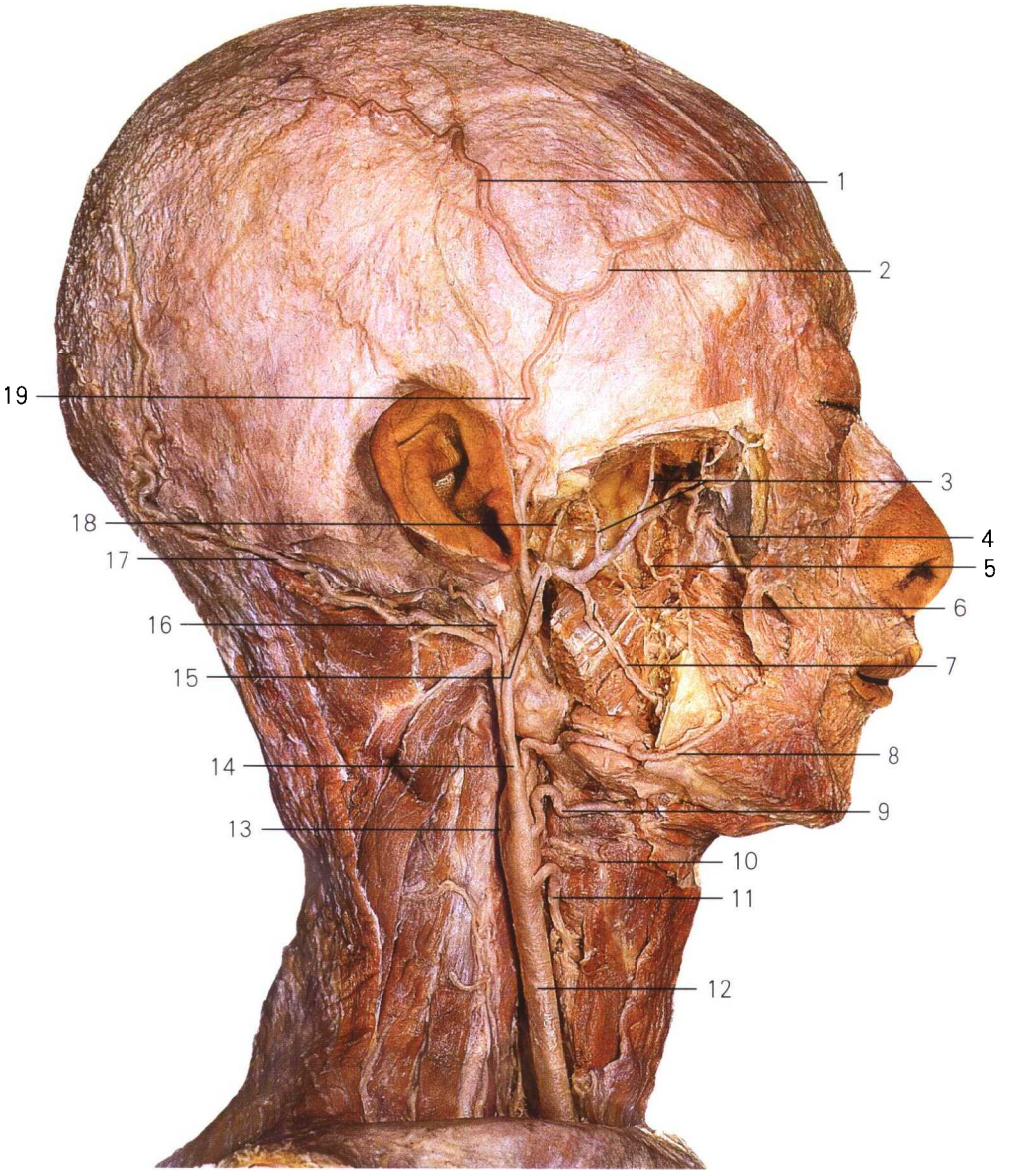


图 245　颈外动脉分支(右侧)
The branches of external carotid artery (right side)

1. 顶支　parietal branch
2. 额支　frontal branch
3. 颞深前、后动脉　anterior posterior deep temporal a.
4. 上牙槽后动脉　posterior superior alveolar a.
5. 颊动脉　buccal a.
6. 翼肌支　pterygoid branches
7. 下牙槽动脉　inferior alveolar a.
8. 面动脉　facial a.
9. 舌动脉　lingual a.
10. 喉上动脉　superior laryngeal a.
11. 甲状腺上动脉　superior thyroid a.
12. 颈总动脉　common carotid a.
13. 颈内动脉　internal carotid a.
14. 颈外动脉　external carotid a.
15. 上颌动脉　maxillary a.
16. 耳后动脉　posterior auricular a.
17. 枕动脉　occipital a.
18. 脑膜中动脉　middle meningeal a.
19. 颞浅动脉　superficial temporal a.

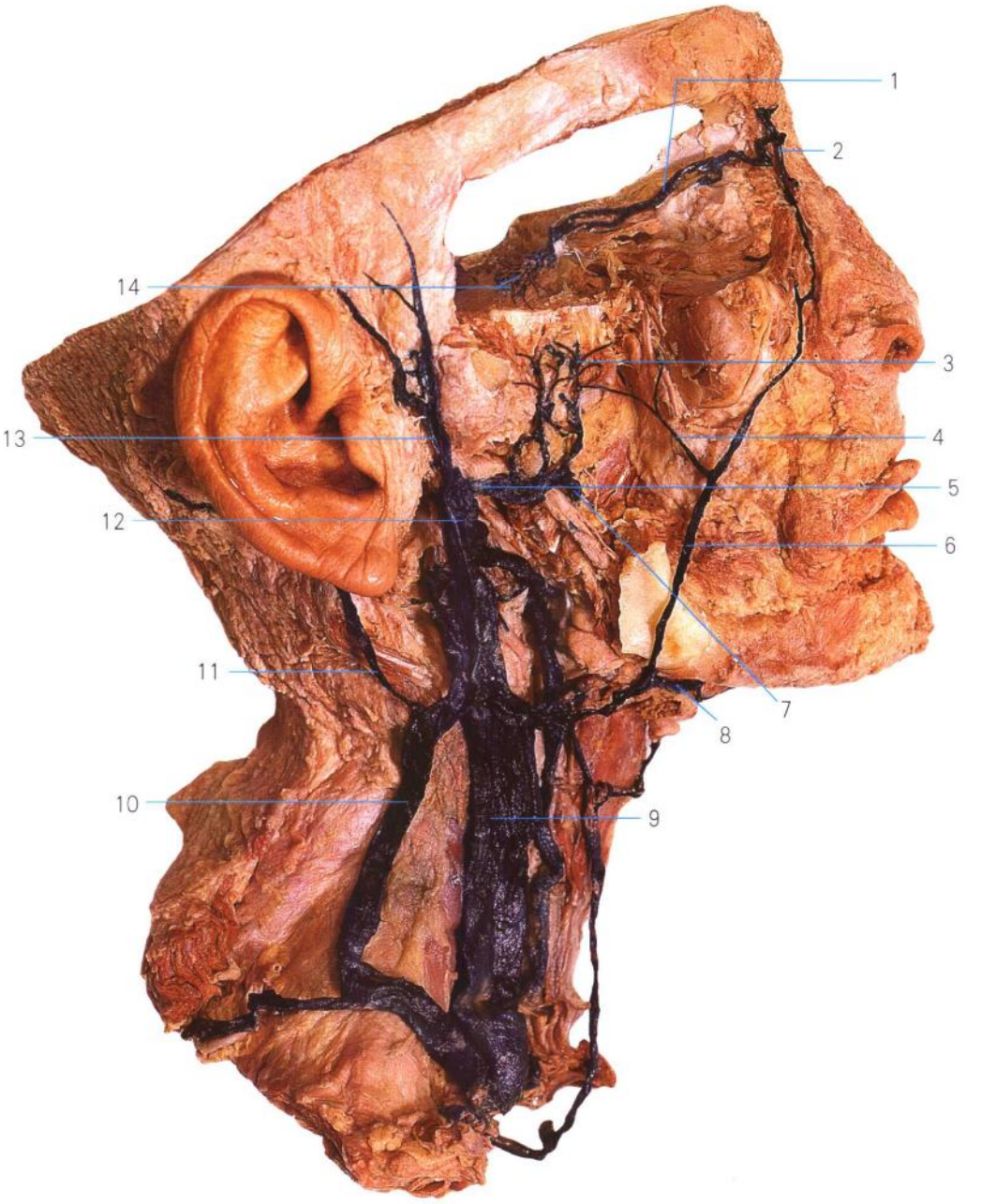


图 246 头颈部的静脉(右侧)
Veins of the head and neck(right side)

1. 眼上静脉 superior ophthalmic v.
2. 内眦静脉 angular v.
3. 翼静脉丛 pterygoid venous plexus
4. 面深静脉 deep facial v.
5. 上颌静脉 maxillary v.
6. 面静脉 facial v.
7. 下牙槽静脉 inferior alveolar v.
8. 颏下静脉 submental v.
9. 颈内静脉 internal jugular v.
10. 颈外静脉 external jugular v.
11. 耳后静脉 posterior auricular v.
12. 下颌后静脉 retromandibular v.
13. 颞浅静脉 superficial temporal v.
14. 海绵窦 cavernous sinus

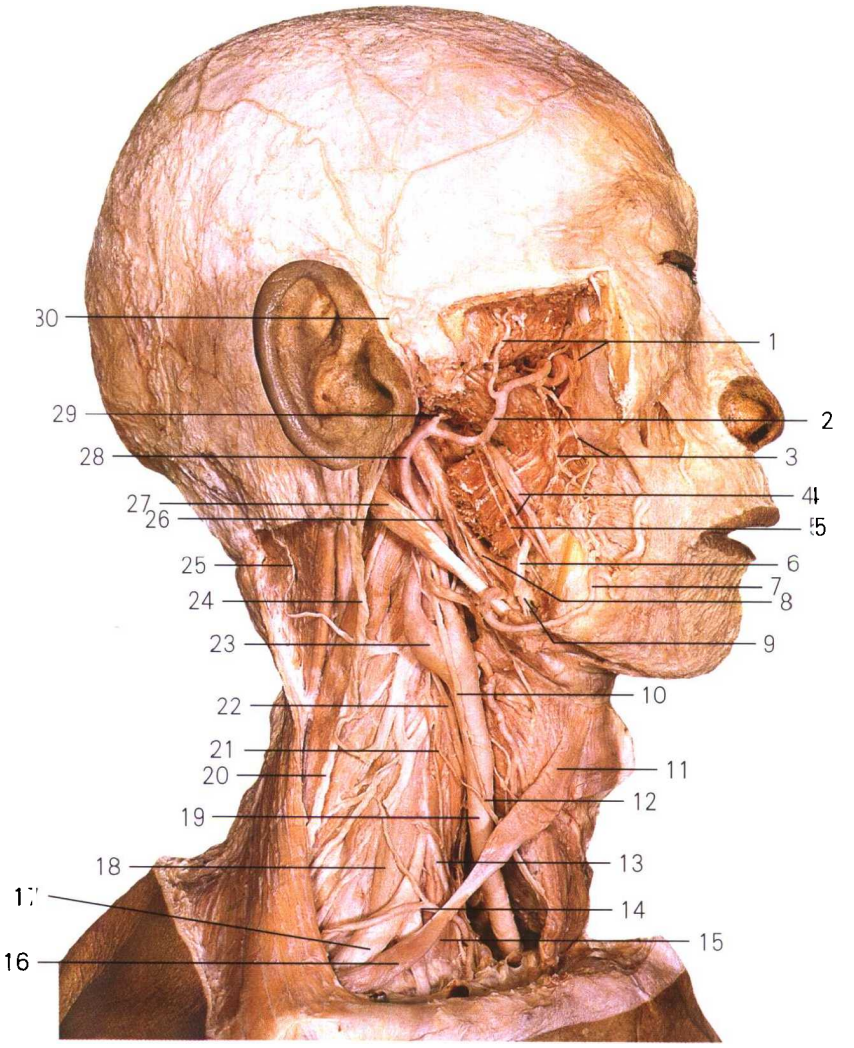
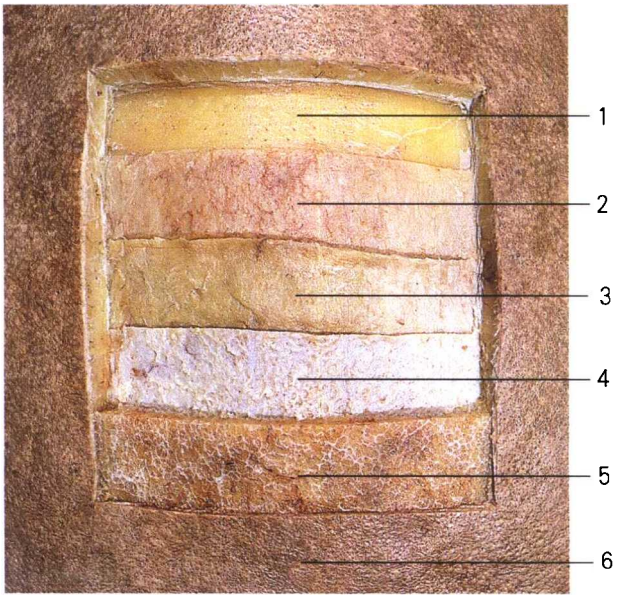


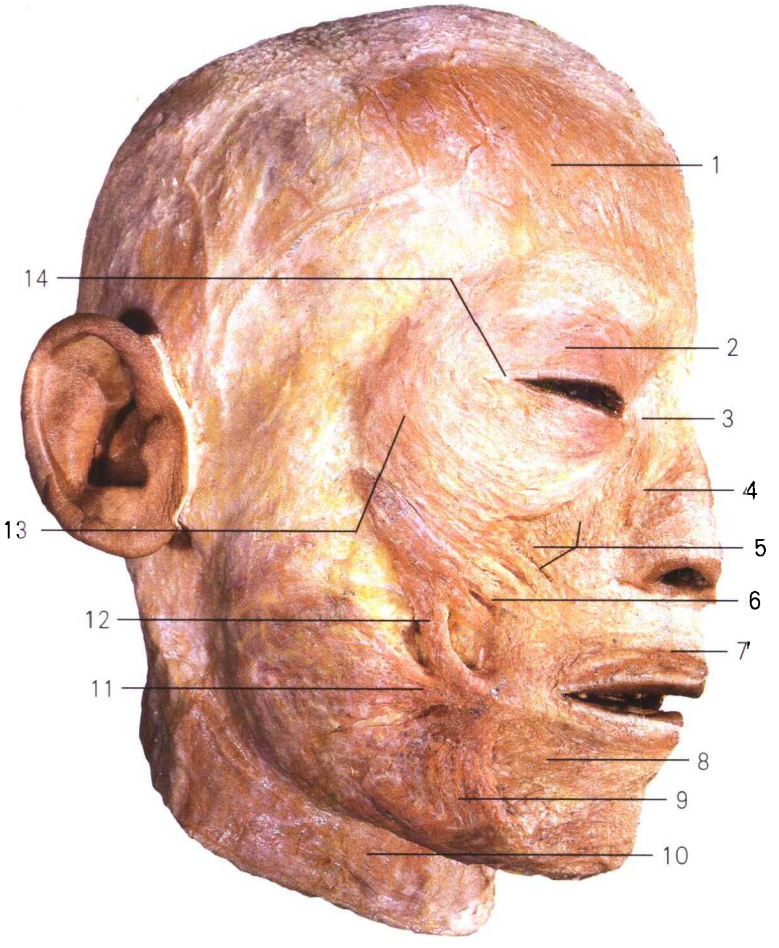
图 247　面颈肌、神经和血管(右侧)
Muscles,nerves and blood vessels of facial and neck(right side)

1. 颞深前、后动脉　anterion、posterior deep temporal a.
2. 上颌动脉　maxillary a.
3. 颊动脉和神经　buccal a. and n.
4. 下牙槽神经和动脉　inferior alveolar n.and a.
5. 下颌舌骨肌神经　mylohyoid n.
6. 舌神经　lingual n.
7. 面动脉　facial a.
8. 茎突舌肌　styloglossus
9. 下颌下神经节　submandibular ganglion
10. 颈襻上根　superior root of ansa cervicalis
11. 肩胛舌骨肌上腹　superior belly of omohyoid
12. 颈襻　ansa cervicalis
13. 膈神经　phrenic n.
14. 颈横动脉　transverse cervical a.
15. 前斜角肌　scalenus anterior
16. 肩胛舌骨肌下腹　inferior belly of omohyoid
17. 臂丛　brachial plexus
18. 中斜角肌　scalenus medius
19. 颈总动脉　common carotid a.
20. 副神经　accessory n(XI)
21. 颈襻下根　inferior root of ansa cervicalis
22. 迷走神经　vagus n(X)
23. 颈动脉窦　carotid sinus
24. 耳大神经　great auricular n.
25. 枕小神经　lesser occipital n.
26. 茎突舌骨肌　stylohyoid
27. 二腹肌后腹　posterior belly of digastric
28. 颈外动脉　external carotid a.
29. 脑膜中动脉　middle meningeal a.
30. 颞浅动脉　superficial temparal a.



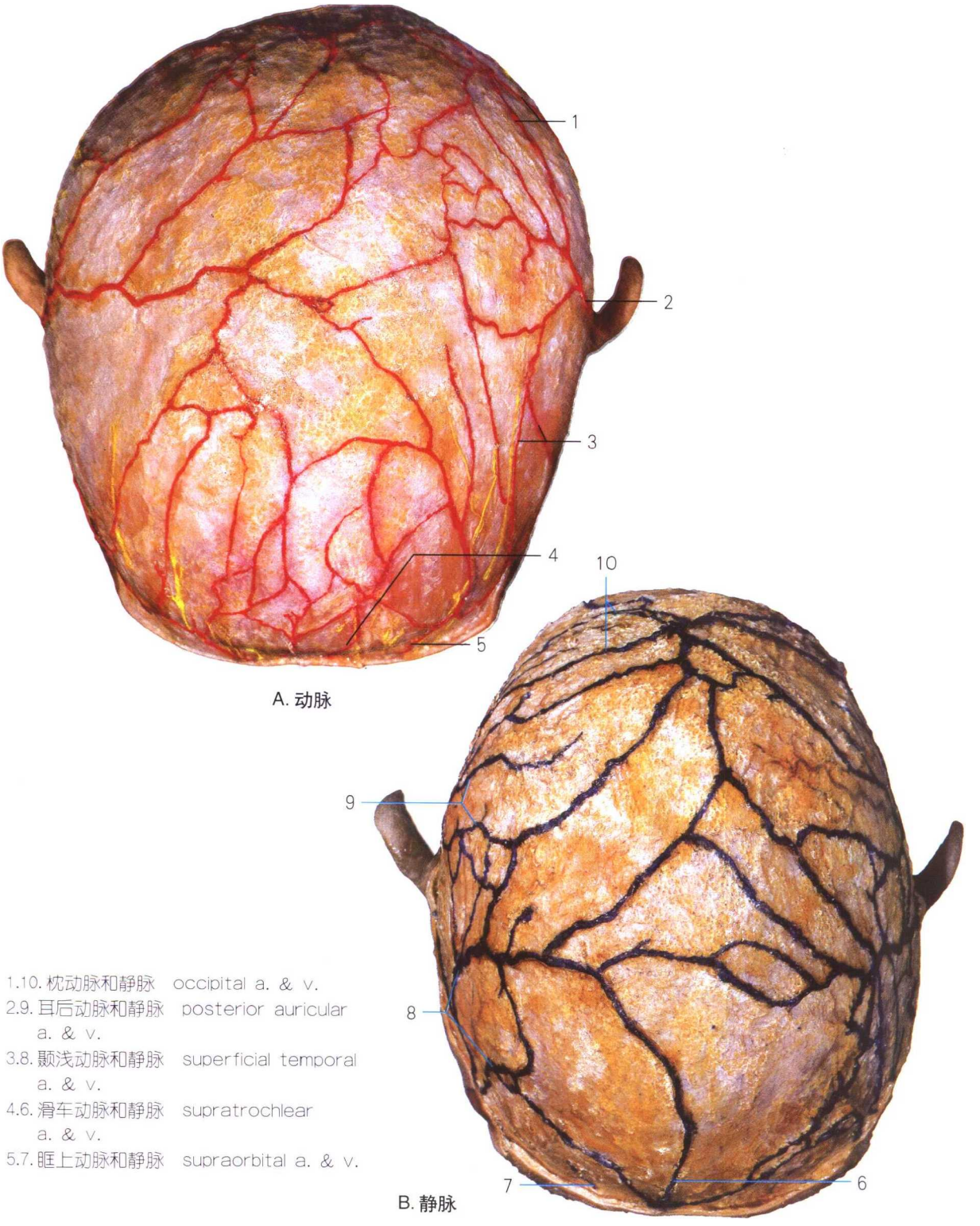
1. 颅盖 calvaria
2. 颅骨膜 pericranium
3. 帽状腱膜下间隙 subaponeurotic space
4. 帽状腱膜 galea aponeurotica
5. 皮下组织 subcutaneou tissue
6. 皮肤 skin

图 248 头皮
Scalp



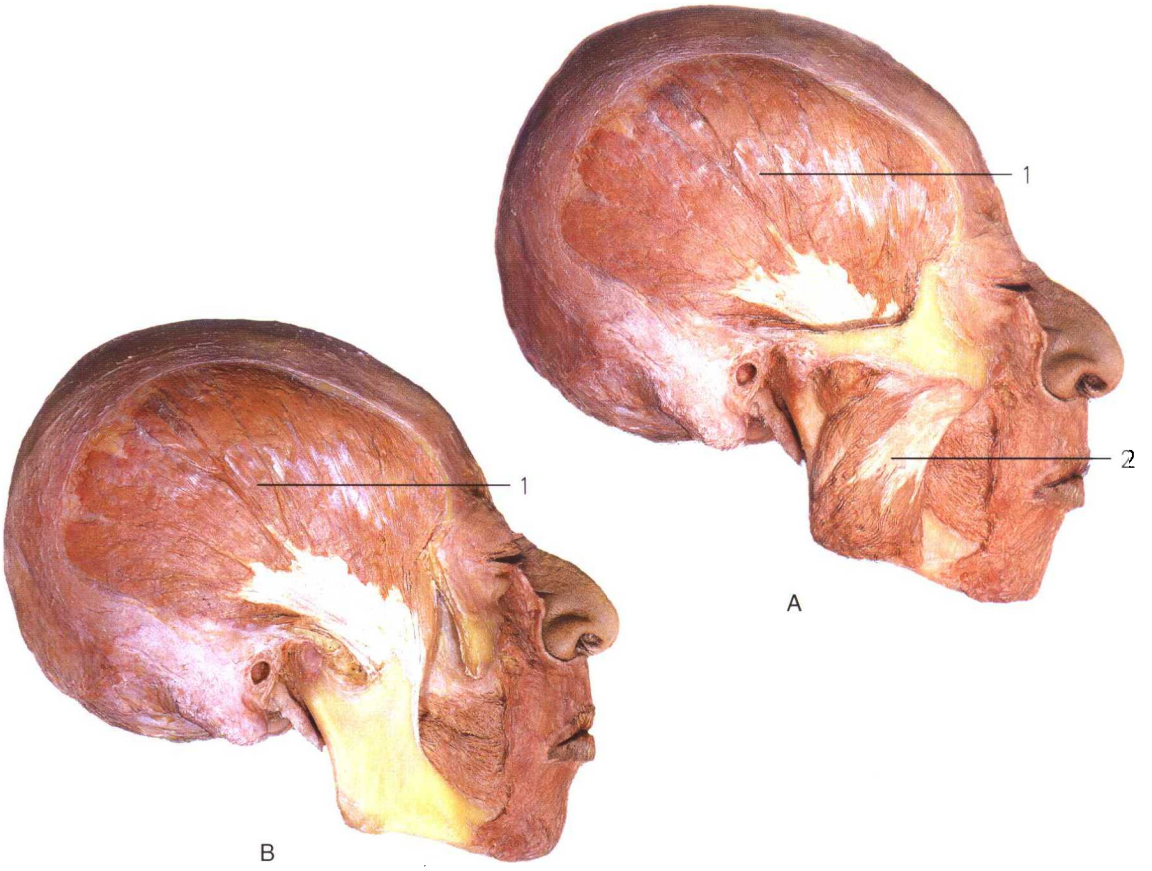
1. 枕额肌额腹 frontal belly of occiptofrontalis
2. 眼轮匝肌睑部 palpebral part of orbicularis oculi
3. 睑内侧韧带 medial palpebral ligament
4. 提上唇鼻翼肌 levator labii superioris alaegue nasi
5. 提上唇肌 levator labii superioris
6. 颧小肌 zygomaticus minor
7. 口轮匝肌 orbicularis oris
8. 降下唇肌 depressor labii inferioris
9. 降口角肌 depressor anguli oris
10. 颈阔肌 platysma
11. 笑肌 risorius
12. 颧大肌 zygomaticus major
13. 眼轮匝肌眶部 orbital part of orbicularis oculi
14. 睑外侧韧带 lateral palpebral ligament

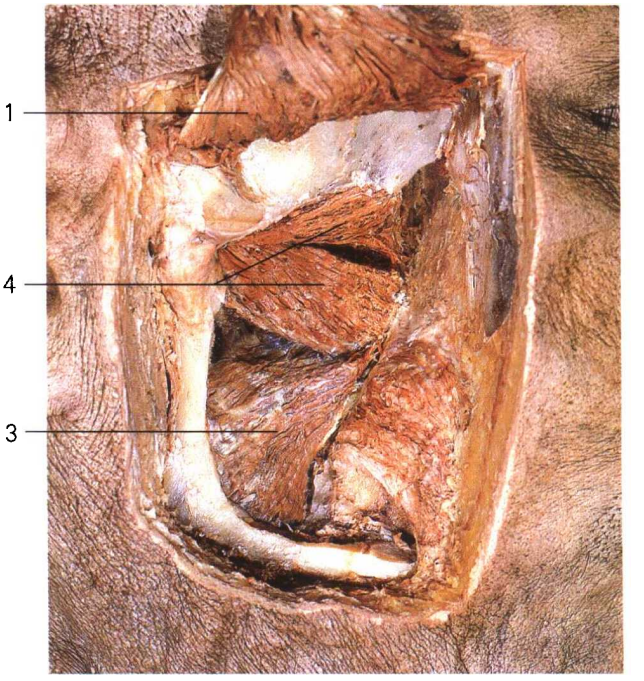
图 249 表情肌
Muscles of facial expresion



1.10. 枕动脉和静脉 occipital a. & v.
2.9. 耳后动脉和静脉 posterior auricular a. & v.
3.8. 颞浅动脉和静脉 superficial temporal a. & v.
4.6. 滑车动脉和静脉 supratrochlear a. & v.
5.7. 眶上动脉和静脉 supraorbital a. & v.

图 250 颅顶的血管 (A、B)
Roof blood vessels of the skull(A,B)





1. 颞肌 temporalis
2. 咬肌 masseter
3. 翼内肌 medial pterygoid
4. 翼外肌 lateral pterygoid

图 251 右侧咀嚼肌 (A、B、C)
Masseter of right side(A,B,C)

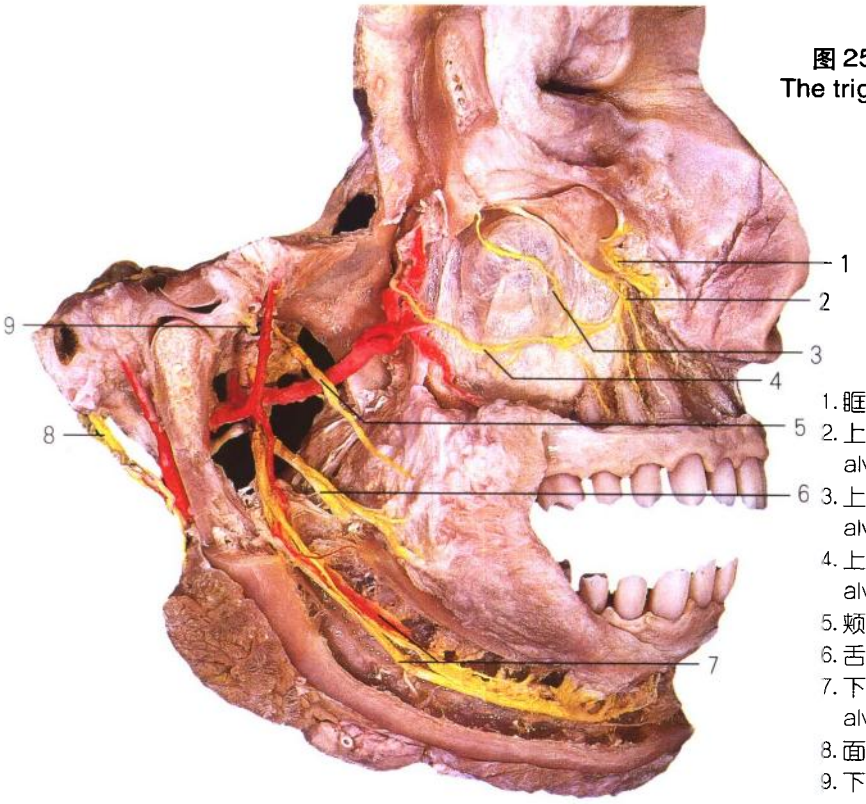


图 252 三叉神经(右侧面观)
The trigeminal nerve(right aspect)

1. 眶下神经 infraorbital n.
2. 上牙槽前支 anterior superior alveolar branch
3. 上牙槽中支 middle superior alveolar branch
4. 上牙槽后支 posterior superior alveolar branch
5. 颊神经 buccal n.
6. 舌神经 lingual n.
7. 下牙槽神经和动脉 inferior alveolar n.and a.
8. 面神经 facial n.
9. 下颌神经 mandibular n.

1. 泪腺 lacrimal gland
2. 上颌神经 maxillary n.
3. 翼腭神经节 pterygopalatine ganglion
4. 鼻腭粘膜腺 glands of nasol and palatal
5. 耳神经节 otic ganglion
6. 腮腺 parotid gland
7. 下颌神经 mandibular n.
8. 舌神经 lingual n.
9. 舌 tongue
10. 下颌下神经节 submandibular ganglion
11. 舌下腺 sublingual gland
12. 下颌下腺 submandibular gland.
13. 耳颞神经 auriculotemporal n.
14. 舌咽神经 glossopharyngeal n.(Ⅸ)
15. 面神经 facial n.(Ⅶ)
16. 鼓索 chorda tympani
17. 鼓室丛 tympanic plexus
18. 膝神经节 geniculate ganglion
19. 孤束核 nucleus of solitary tract
20. 孤束 solitary tract
21. 面神经核 nucleus of facial n.
22. 展神经核 nucleus of abducent n.
23. 岩大神经 greater petrosal n.
24. 岩小神经 lesser petrosal n.

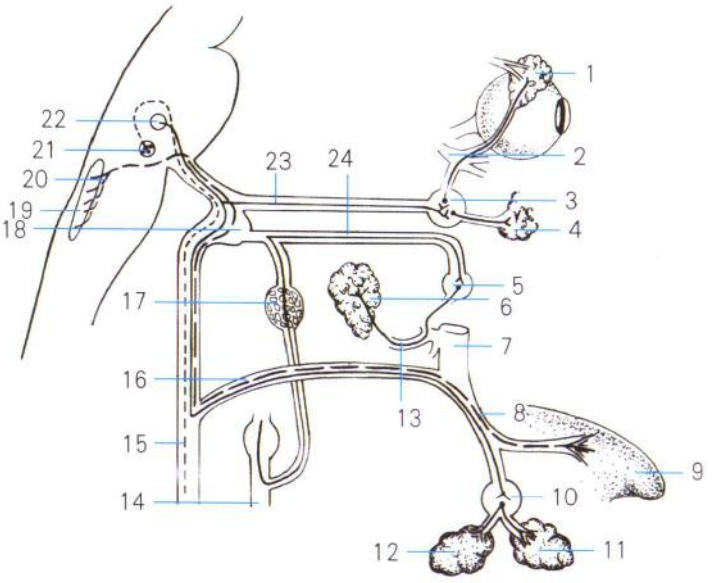
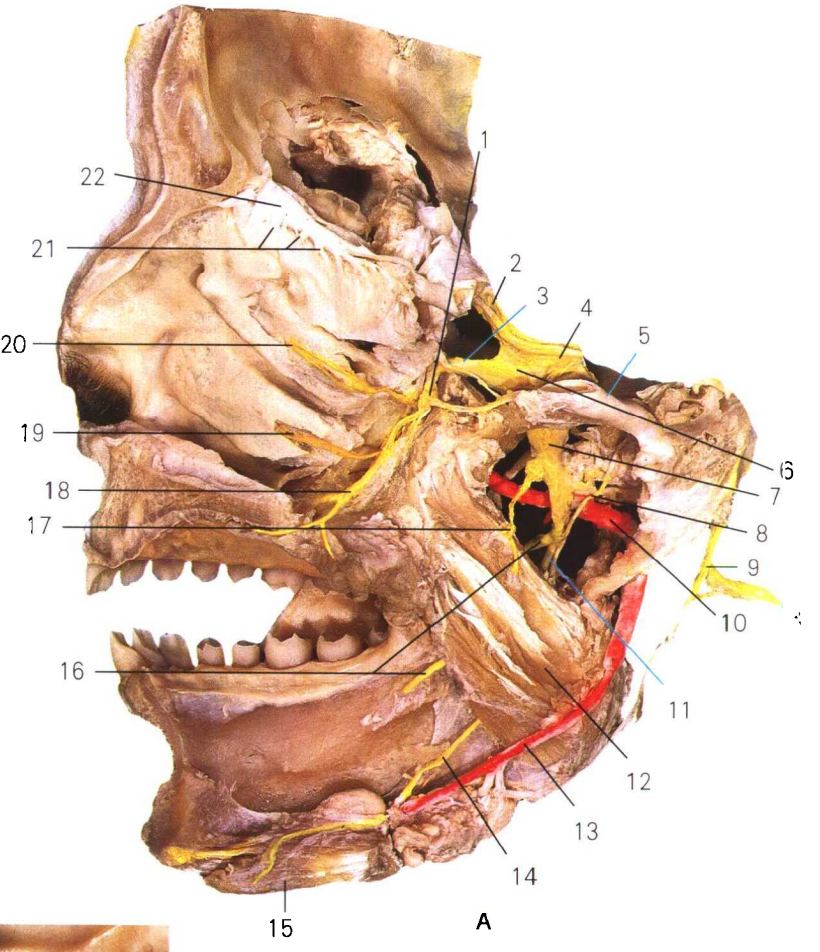
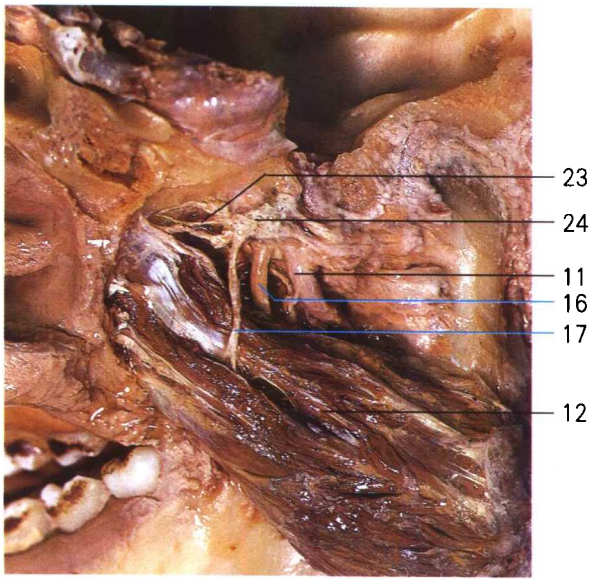


图 253 面神经和舌咽神经的副交感纤维分布模式图
Diagram of the distribtion of the parasympathetic fibers in facial and glosspharyngeal nerve



A

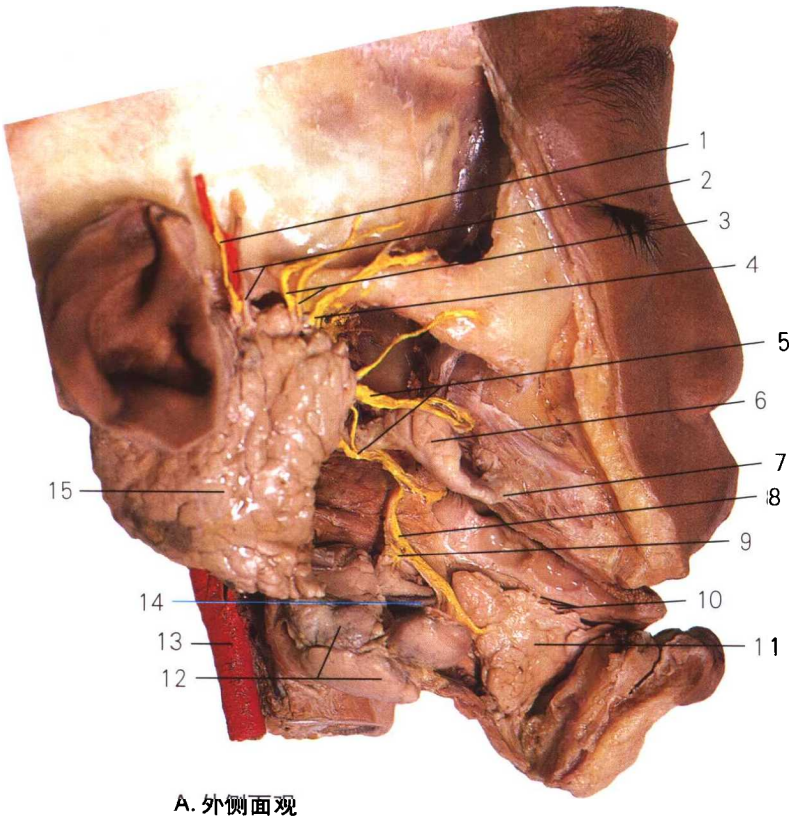
1. 翼腭神经节 pterygopalatine ganglion
2. 眼神经 ophthalmic n.
3. 上颌神经 maxillary n.
4. 三叉神经 trigeminal n.(Ⅴ)
5. 颈内动脉 common carotid a.
6. 三叉神经节 trigeminal ganglion
7. 下颌神经 mandibular n.
8. 鼓索 chorda tympani
9. 面神经 facial n.
10. 上颌动脉 maxillary a.
11. 下牙槽神经 inferor alveolar n.



B

12. 翼内肌 medial pterigoid
13. 下颌舌骨肌 mylohyoid
14. 下颌舌骨肌神经 mylihyoid n.
15. 二腹肌前腹 anteior belly of digastric
16. 舌神经 lingual n.
17. 翼内肌神经 medial pterigoid n.
18. 腭大神经 greater paletine n.
19. 鼻后下支 posterior interior nasal branches
20. 鼻后上外侧支 lateral posteior superior nasal branches
21. 嗅神经 olfactory n(Ⅰ)
22. 嗅球 olfactory bulb
23. 岩大神经 greater petrosal n.
24. 耳神经节 otic ganglion

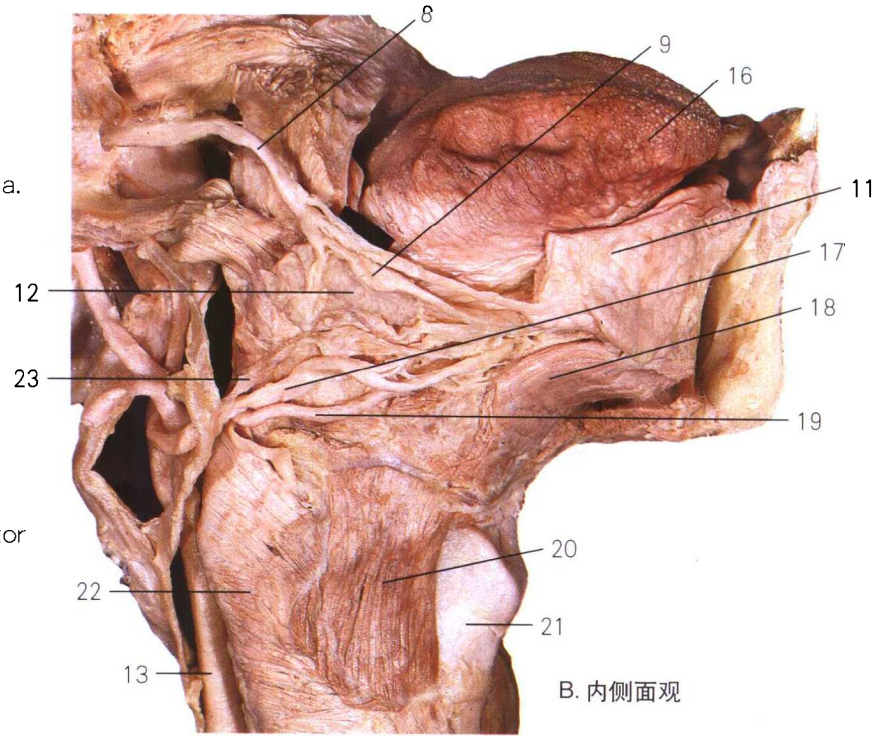
图 254 三叉神经(内侧面观)(A、B)
The trigeminal nerve(medial aspect)(A,B)



A. 外侧面观

图 255 大唾液腺 (A、B)
The large salivary glands(A,B)

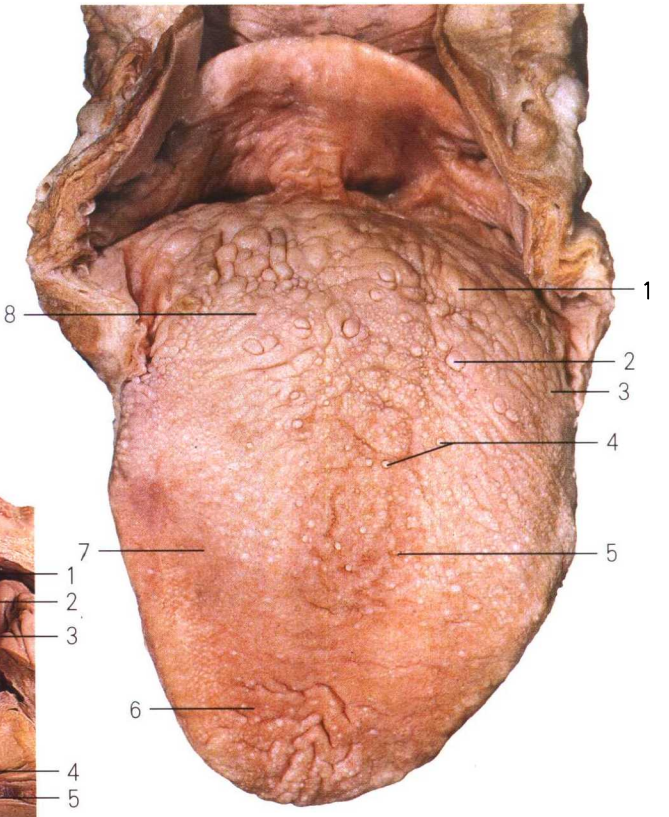
1. 耳颞神经 auriculotemporal n.
2. 颞浅动脉和静脉 superficial temporal a. & v.
3. 颞支 temporal branches
4. 颧支 zygomatic branches
5. 颊支 buccal branches
6. 副腮腺 accessory parotid gland
7. 腮腺管 parotid duct
8. 舌神经 lingual n.
9. 下颌下神经节 submandibular ganglion
10. 舌下腺管 sublingual duct
11. 舌下腺 sublingual gland
12. 下颌下腺 submandibular gland



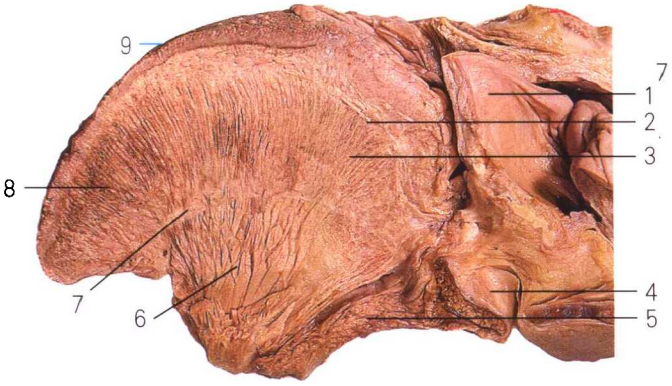
B. 内侧面观

13. 颈总动脉 common carotid a.
14. 下颌下腺管 submandibular duct
15. 腮腺 paratid gland
16. 舌 tongue
17. 舌下神经 hypoglossal n.(Ⅻ)
18. 颏舌骨肌 geniobyoid
19. 舌动脉 lingual a.
20. 甲状舌骨肌 thyrohyoid
21. 甲状软骨 thyroid cartilage
22. 咽下缩肌 inferior constrictor of pharynx
23. 舌静脉 lingual v.

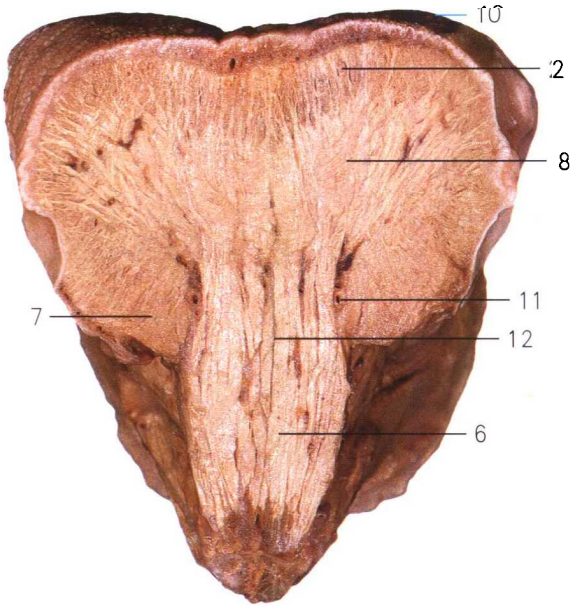
A. 舌背面 The dorsum of the tongut
1. 舌扁桃体 lingnual tonsil
2. 轮廓乳头 vallate papillae
3. 叶状乳头 filiate papillae
4. 菌状乳头 fungiform papillae
5. 丝状乳头 filiform papillae
6. 舌尖 apex of tongue
7. 舌体 body of tongue
8. 舌根 root of tongue



A. 舌背面



B. 舌矢状切面



C. 舌冠状切面

B. 舌矢状切面 Sagittal section through tongut
C. 舌冠状切面 Coronal section through tongue
1. 会厌 epiglottis
2. 上纵肌 superior longitudinal muscle
3. 舌垂直肌 vertical muscle of tongue
4. 舌骨 hyoid bone
5. 颏舌骨肌 geniohyoid
6. 颏舌肌 genioglossus
7. 下纵肌 inferior longitudinal muscle
8. 舌横肌 transverse musce of tongue
9. 舌背 dorsum of tongue
10. 舌粘膜 lingual mucous membrane
11. 舌动脉 lingual artery
12. 舌中隔 septum of tongue

图 256 舌 (A、B、C)
Tongue(A,B,C)



A. 上面观　　B. 下面观

图 257　口腔底肌 (A、B)
Base muscules of the oral cavity(A,B)

1. 舌骨　hyoid bone
2. 颏舌骨肌　geniohyoid
3. 下颌舌骨肌 mylohyoid
4. 二腹肌前腹　anterior belly of digstric

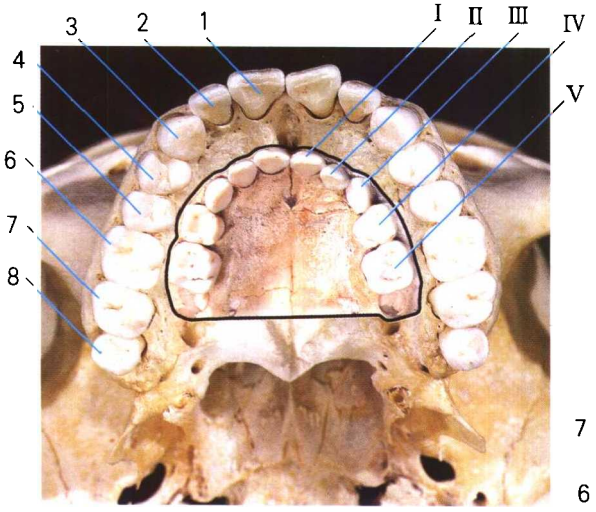


图 258　上颌恒、乳牙(下面观)
Upper permanent and deciduous teeth (inferior aspect)

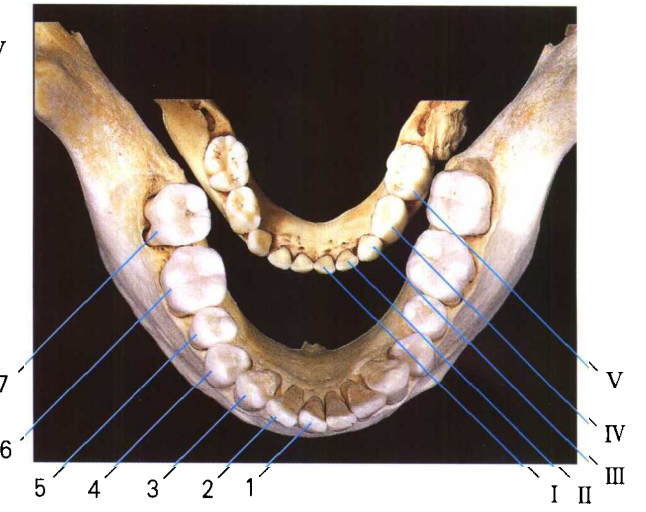


图 259　下颌恒、乳牙(上面观)
Lower permanent and deciduous teeth (superior aspect)

1. 中切牙　central incisor
2. 侧切牙　lateral inisor
3. 尖牙　canine
4. 第一前磨牙　premolars Ⅰ
5. 第二前磨牙　premolars Ⅱ
6. 第一磨牙　molars Ⅰ
7. 第二磨牙　molars Ⅱ
8. 第三磨牙　molars Ⅲ
Ⅰ. 乳中切牙　deciduous central incisor
Ⅱ. 乳侧切牙　deciduous lateral inisor
Ⅲ. 乳尖牙　deciduous canine
Ⅳ. 第一乳磨牙　deciduous molars Ⅰ
Ⅴ. 第二乳磨牙　deciduous molars Ⅱ

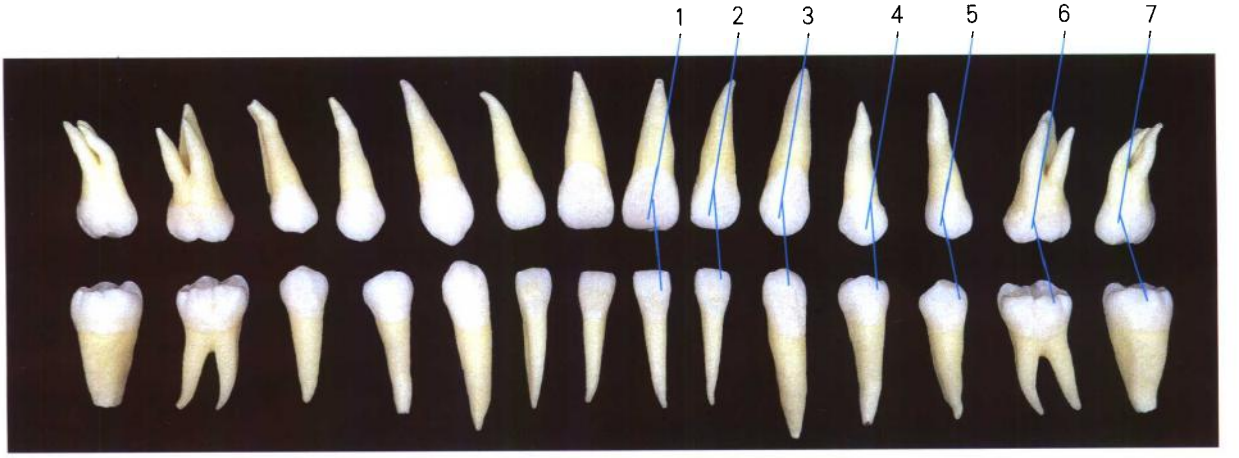


图 260 恒牙 Permanent teeth

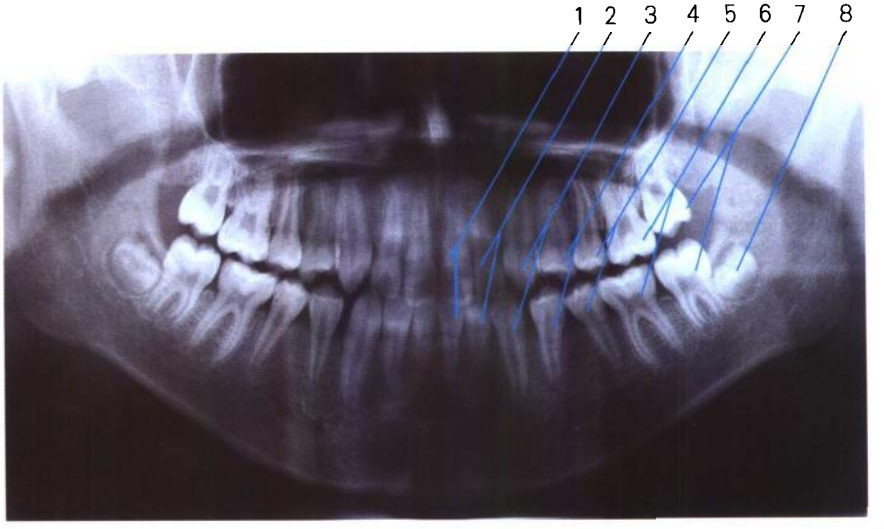


图 261 曲面断层 X 线片
Panoramic

1. 中切牙 medinal incisor
2. 侧切牙 lateral incisor
3. 尖牙 canine teeth
4. 第一前磨牙 premolars Ⅰ
5. 第二前磨牙 premolars Ⅱ
6. 第一磨牙 molars Ⅰ
7. 第二磨牙 molars Ⅱ
8. 第三磨牙 molars Ⅲ
9. 釉质 enamel
10. 牙本质 dentine
11. 牙髓 dental pulp
12. 牙骨质 cement
13. 牙根管 root canal
14. 牙周膜 periodontal membrane
15. 牙根尖孔 apical fora
16. 牙槽骨 alveolar bone
17. 牙龈 gum
18. 牙腔 dental cavity

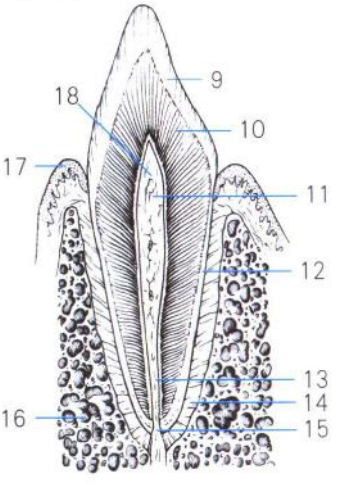
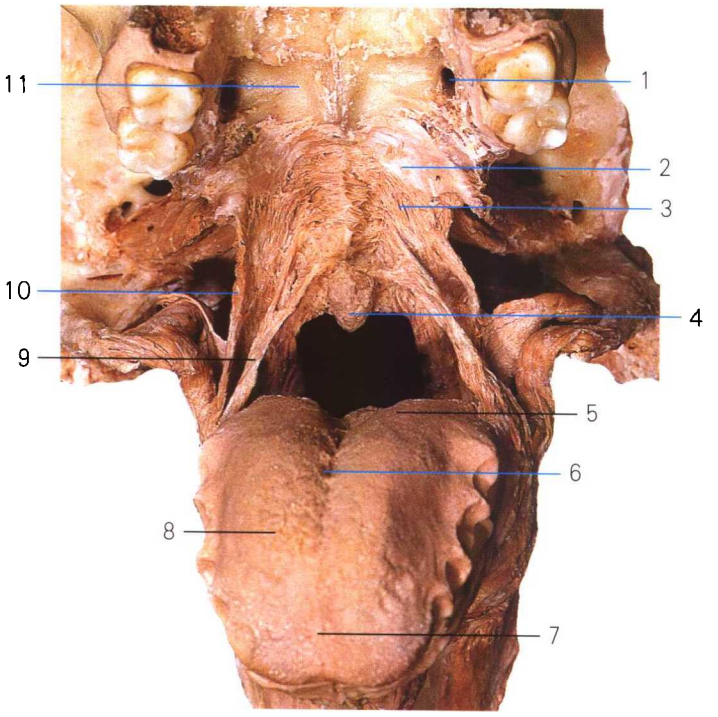
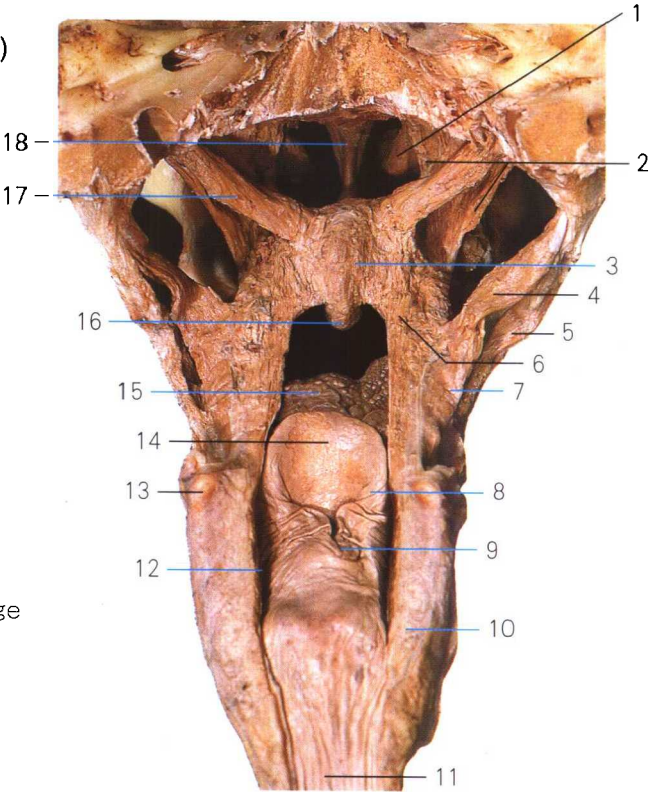


图 262 牙的构造模式图(纵切)
Diagram of the structure of a tooth(sagittal section)



1. 腭大孔 greater palatine foramen
2. 腭帆张肌 tensor veli palatini
3. 软腭 soft palate
4. 腭垂 uvula
5. 舌根 root of tongue
6. 舌正中沟 median sulcus of tongue
7. 舌尖 apex of tongue
8. 舌体 body of tongue
9. 腭舌弓 palatoglosal arch
10. 腭咽弓 palatopharygeal arch
11. 腭骨水平板 horzontal palate of palatine bone

图 263 咽腔(前面观)
The pharyngeal cavity(anterior aspect)



1. 下鼻甲 inferior nasal concha
2. 腭帆张肌 tensor veli palatini
3. 软腭 soft palate
4. 茎突咽肌 stylopharyngeus
5. 茎突舌骨肌 stylohyoid
6. 腭咽肌 palatopharyngeus
7. 咽上缩肌 superior constrictor of pharynx
8. 杓状会厌襞 aryepiglottic fold
9. 杓间切迹 interarytenoid notch
10. 咽下缩肌 inferior constrictor of phargnx
11. 食管 esophagus
12. 梨状隐窝 piriform recess
13. 甲状软骨上角 superior horn of thyroid cartilage
14. 会厌 epiglottis
15. 舌 tongue
16. 腭垂肌 musculus uvulae
17. 腭帆提肌 levator veli palatini
18. 鼻中隔 nasal septum

图 264 咽腔(后面观)
The pharyngeal cavity(posterior aspect)

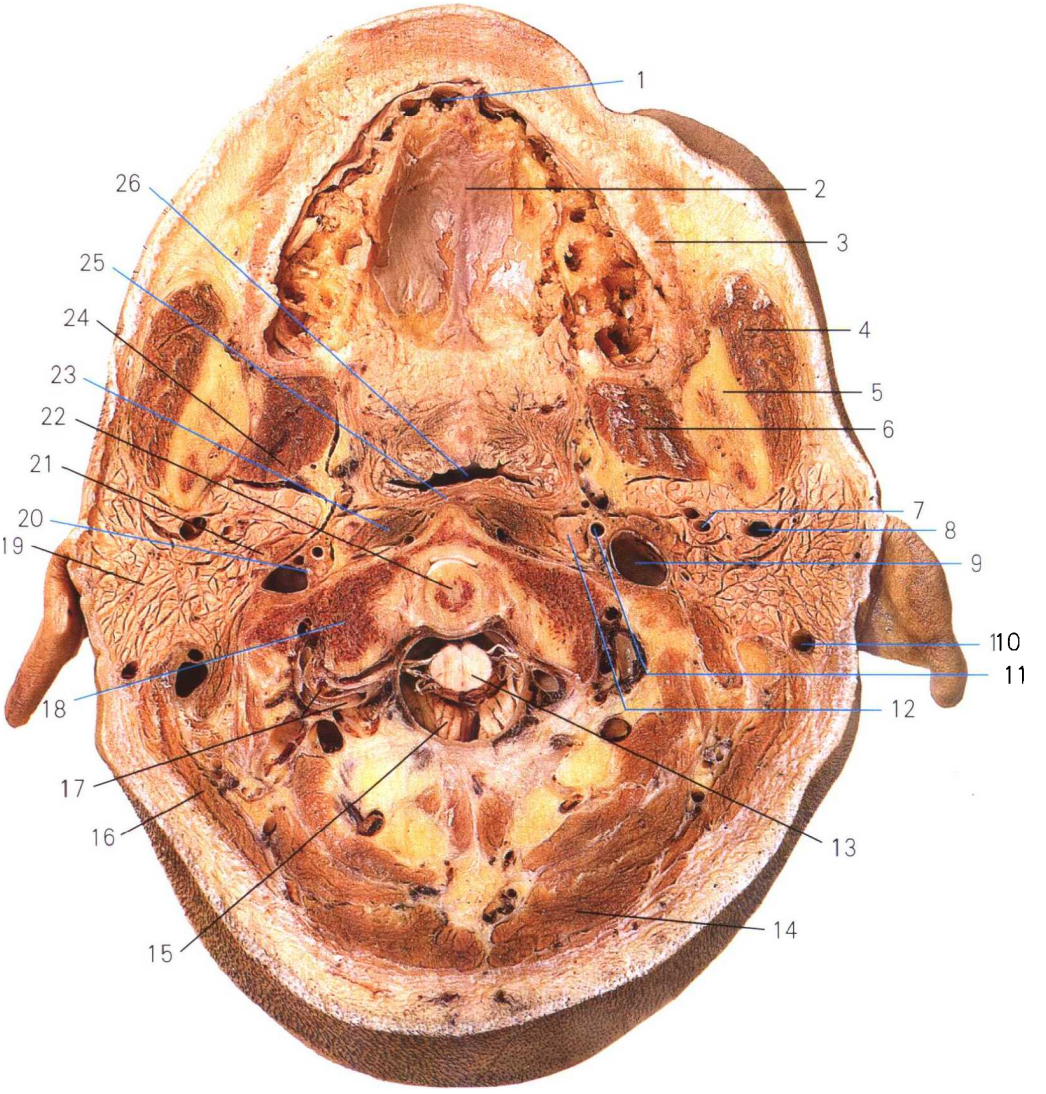


图 265 经口腔水平断面
Horizontal section tnrough oral cavity

1. 上颌牙糟 superior alveodi
2. 硬腭 hard palate
3. 颊肌 buccinator
4. 咬肌 masster
5. 下颌支 ramus of mandible
6. 翼内肌 medial pterygoid
7. 颈外动脉 exteral carotid a.
8. 下颌后静脉 retromandibular v.
9. 颈内静脉 internal jugular V.
10. 耳后静脉 posterior auricular v.
11. 颈内动脉 internal carotid a.
12. 颈上神经节 superior cervical ganglion
13. 脊髓 spinal cord
14. 斜方肌 trapezius
15. 小脑 derebellum
16. 胸锁乳突肌 sternocleidomastoid
17. 椎动脉和静脉 vertebral a. & v.
18. 寰椎 Atlas
19. 腮腺 parotid gland
20. 迷走神经 vagus n.
21. 茎突 styloid process
22. 齿突 dens
23. 头长肌 longus capitis
24. 翼外肌 lateral pterygoid
25. 咽上缩肌 superior constrictor of pharynx
26. 咽 pharynx

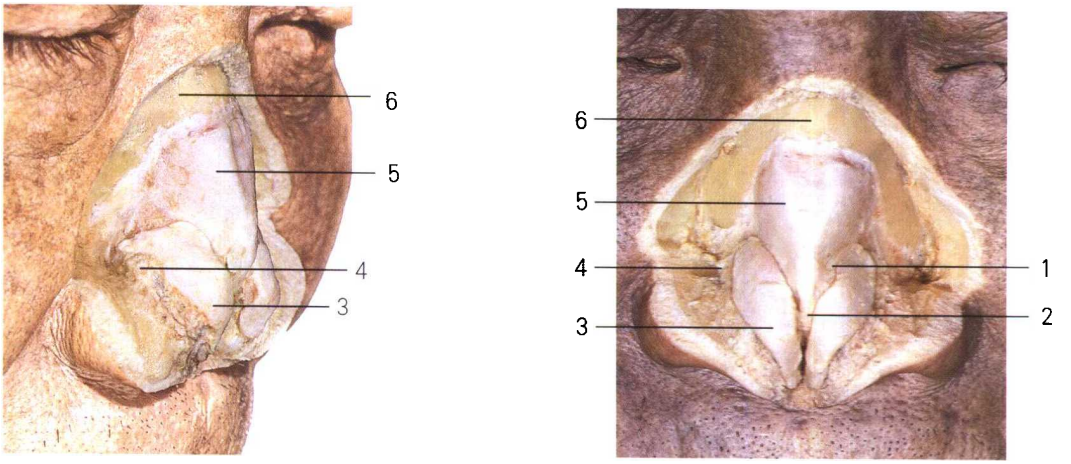


图 266 鼻软骨 (A、B)
Nasal cartilage(A,B)

1. 鼻副软骨 accessory nasal cartilages
2. 鼻中膈软骨 septal cartilage of nose
3. 鼻翼大软骨 major alar cartilage
4. 鼻翼小软骨 minor alar cartilages
5. 鼻外侧软骨 lateral nasal cartilages
6. 鼻骨 nasal bone

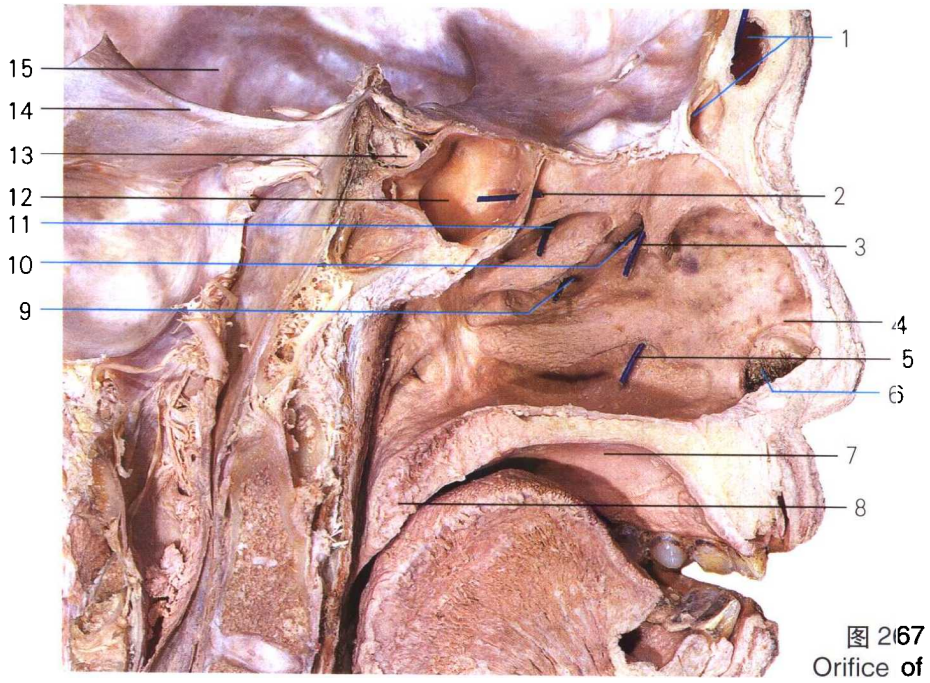


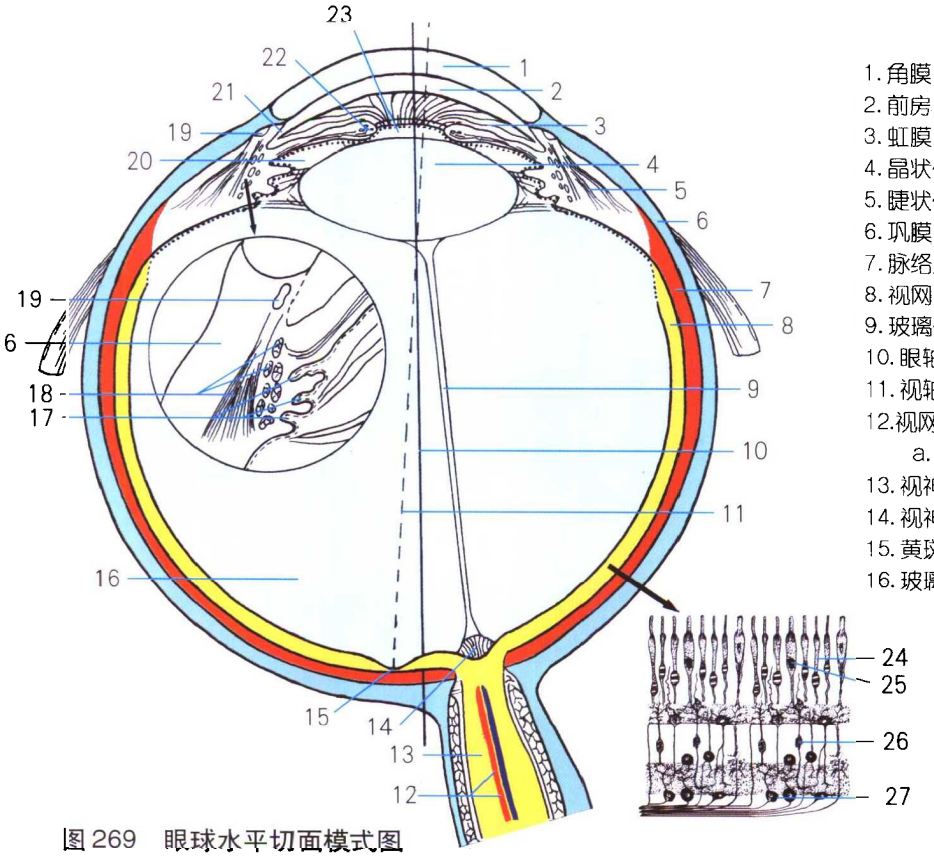
图 267 鼻旁窦的开口
Orifice of paranasal sinuses

1. 额窦 frontal sinus
2. 蝶窦开口 orifice of sphenoidal sinus
3. 额窦开口 orifice of frontal sinus
4. 鼻阈 limen nasi
5. 鼻泪管开口 orifice of nasolacrimal duct
6. 鼻前庭 nasal vestibule
7. 硬腭 hard palate
8. 软腭 soft palate
9. 上颌窦开口 orifice of maxillary sinus
10. 筛窦前群开口 orifice of anterior ethmoidal sinuses
11. 筛窦后群开口 orifice of posterior ethmoidal sinuses
12. 蝶窦 sphenoidal sinus
13. 垂体 hypophysis
14. 小脑幕 tentorium of cerebellum
15. 硬脑膜 cerebral dura mater



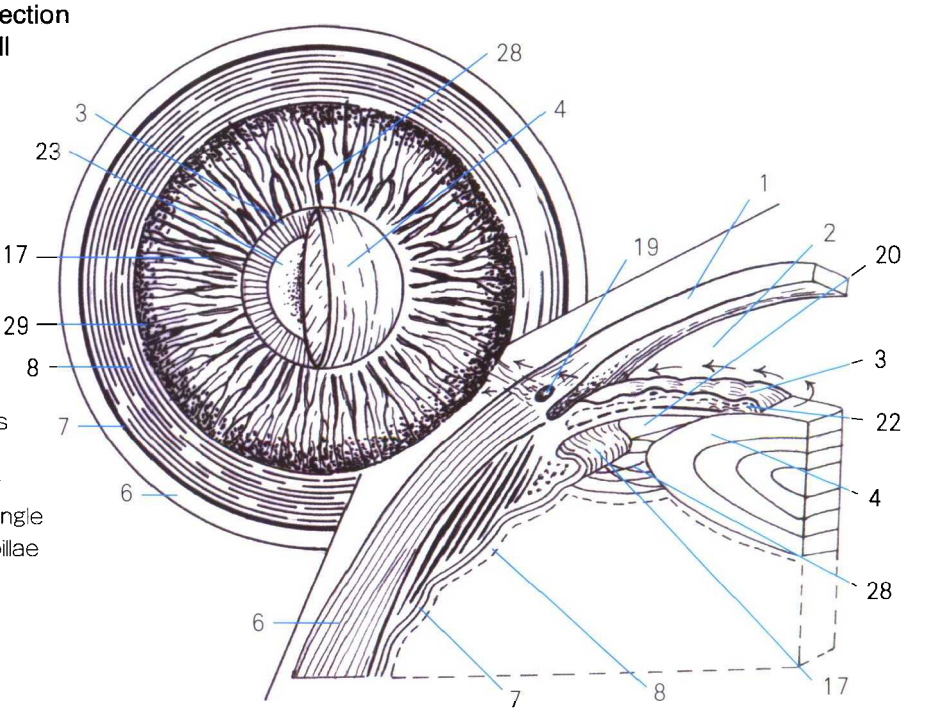
图 268 鼻腔外侧壁
Lateral wall of nasal cavity

1. 额窦 frontal sinus
2. 中鼻甲 middle nasal concha
3. 中鼻道 middle nasal meatus
4. 鼻阈 limen nasi
5. 鼻前庭 nasal vestibule
6. 下鼻甲 inferior nasal concha
7. 下鼻道 inferior nasal meatus
8. 硬腭 hard palate
9. 颏舌肌 genioglossus
10. 会厌 epiglottis
11. 腭咽弓 palatopharyngeal arch
12. 软腭 soft palate
13. 咽鼓管咽口 phanyngeal opening of auditory tube
14. 咽鼓管圆枕 tubal torus
15. 咽隐窝 pharyngeal recess
16. 上鼻道 superior nasal meatus
17. 上鼻甲 superior nasal concha
18. 蝶窦 sphenoidal sinus
19. 垂体 hypophysis



1. 角膜 cornea
2. 前房 anterior chamber
3. 虹膜 iris
4. 晶状体 lens
5. 睫状体 ciliary body
6. 巩膜 sclera
7. 脉络膜 choroid
8. 视网膜 retina
9. 玻璃体管 hyaloid canal
10. 眼轴 eye axis
11. 视轴 optic axis
12. 视网膜中央动脉和静脉 central a. & v. of retina
13. 视神经(Ⅱ) optic n.(Ⅱ)
14. 视神经盘 optic disc
15. 黄斑 macula lutea
16. 玻璃体 vitreous body

图 269 眼球水平切面模式图
Diagram of horizontal section through the eyeball



17. 睫状突 ciliary processes
18. 睫状肌 ciliary muscle
19. 巩膜静脉窦 sinus venosus sclerae
20. 后房 posterior chamber
21. 虹膜角膜角 iridocorneal angle
22. 瞳孔括约肌 sphincter pupillae
23. 瞳孔 pupil
24. 视杆细胞 rod cells
25. 视锥细胞 cone cells
26. 双极细胞 bipolar cells
27. 节细胞 ganglion cells
28. 睫状小带 ciliary zonule
29. 睫状环 ciliary ring

图 270 眼球前半(后面观)
Anterior half of the eyeball(posterior aspect)

1. 中央凹 fovea centralis
2. 视网膜颞侧下小动脉 inferior temporal arteriole of retina
3. 视网膜颞侧下小静脉 inferior temporal venule of retina
4. 视网膜鼻侧下小动脉 inferior nasal arteriole of retina
5. 视网膜鼻侧下小静脉 iferior nasal infnasal venule of retina
6. 黄斑下血管 inferior nacular vessel
7. 视神经盘 optic disc
8. 视网膜鼻侧上小动脉 superior nasal arteriole of restina
9. 视网膜鼻侧上小静脉 superior nasal venule of retina
10. 视网膜颞侧上小动脉 superior temporal arteride of retina
11. 视网膜颞侧上小静脉 superior temporal venule of retina
12. 黄斑上血管 superior macular vessel

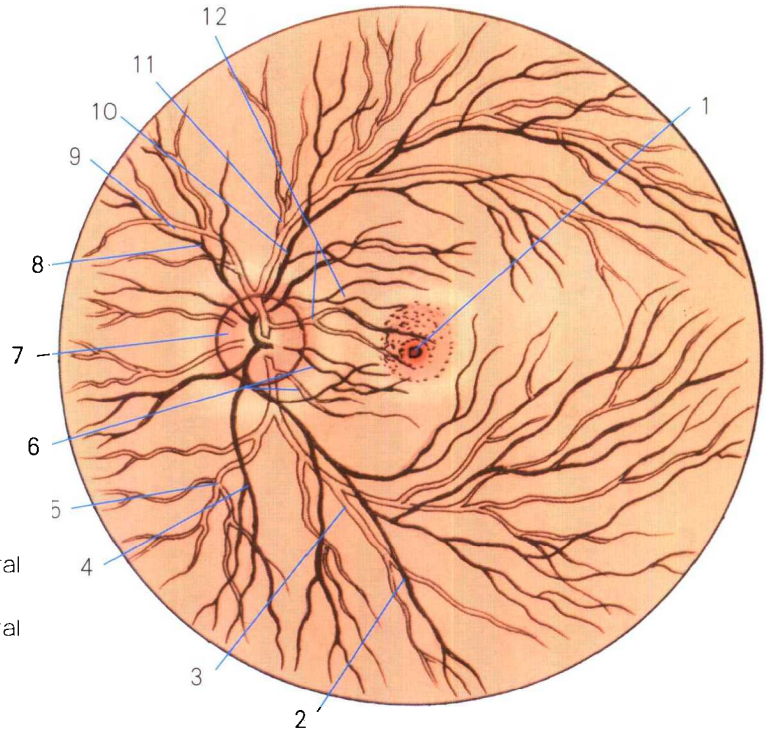
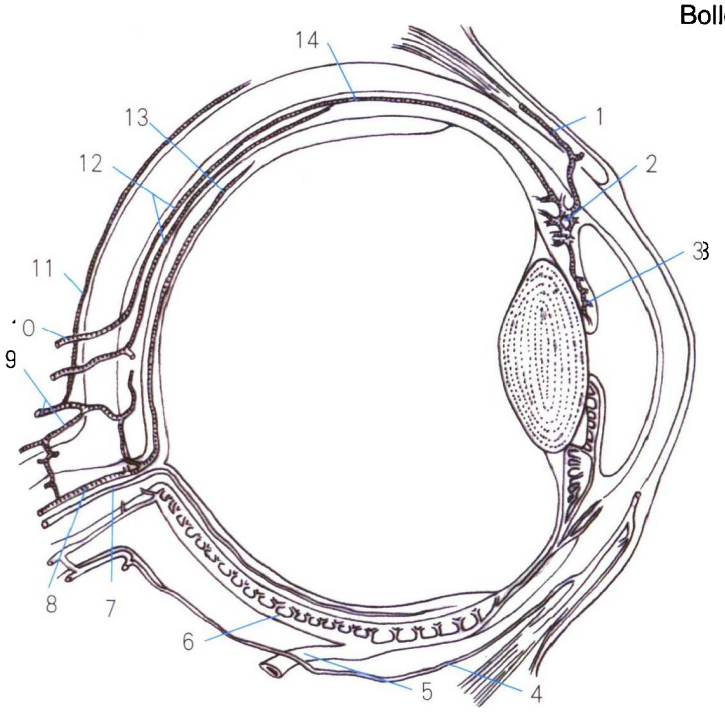


图 271 眼底的血管
Bolld vessel of eyeball fundus



1. 睫状前动脉 anterior ciliary a.
2. 虹膜大环动脉 greater ring arterial of iris
3. 虹膜动脉小环 lesser ring arterial of iris
4. 巩膜外静脉 episcleral v.
5. 涡静脉 vorticose v.
6. 脉络膜毛细血管 capillaries of choroid
7. 视网膜中央静脉 centralis retina v.
8. 视网膜中央动脉 centralis retina a.
9. 睫后长动脉 long posterior ciliarg a.
10. 睫后短动脉 short posterior ciliary a.
11. 巩膜动脉 scleral a.
12. 脉络膜动脉 arterial of choroid
13. 视网膜动脉 retinal a.
14. 睫状后动脉 posterior ciliary a.

图 272 眼球壁的血管分布模式图
Diagram to show the distrbution of the blood vessels of the eyeball wall



1. 皮肤 skin
2. 皮下组织 subcutaneous tissue
3. 眼轮匝肌 orbicularis oculi
4. 下动脉弓 inferior arteral arch
5. 睫毛腺 ciliary glands
6. 皮脂腺 sebaceous glands
7. 睑结膜 palpebral conjunctiva
8. 睑板 tarsus
9. 上动脉弓 superior arteral arch
10. 米勒肌 müller muscle

图 273 眼睑的构造
Structure of eyelids

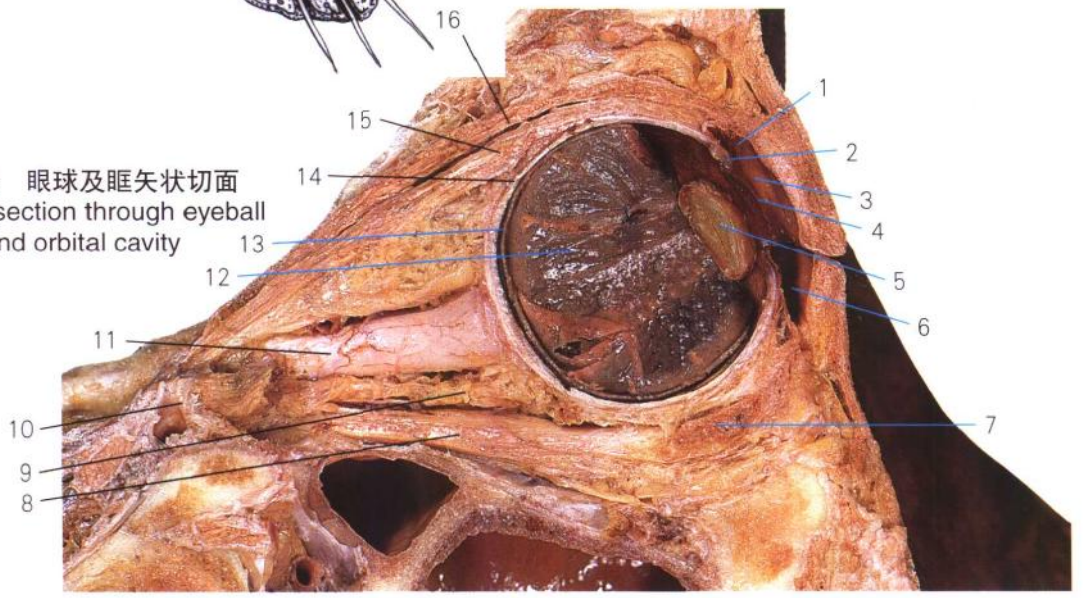
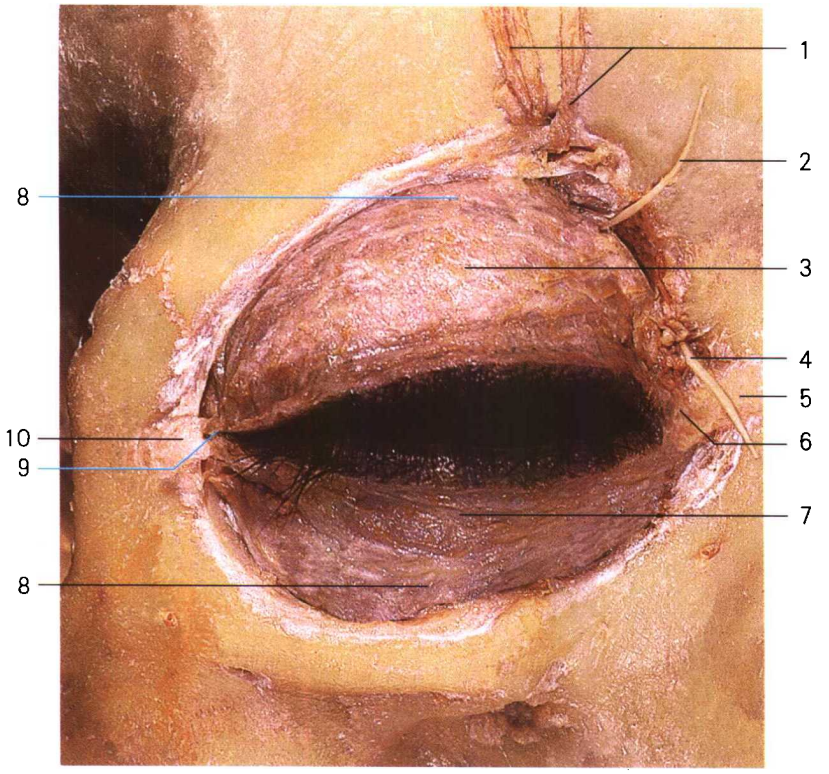


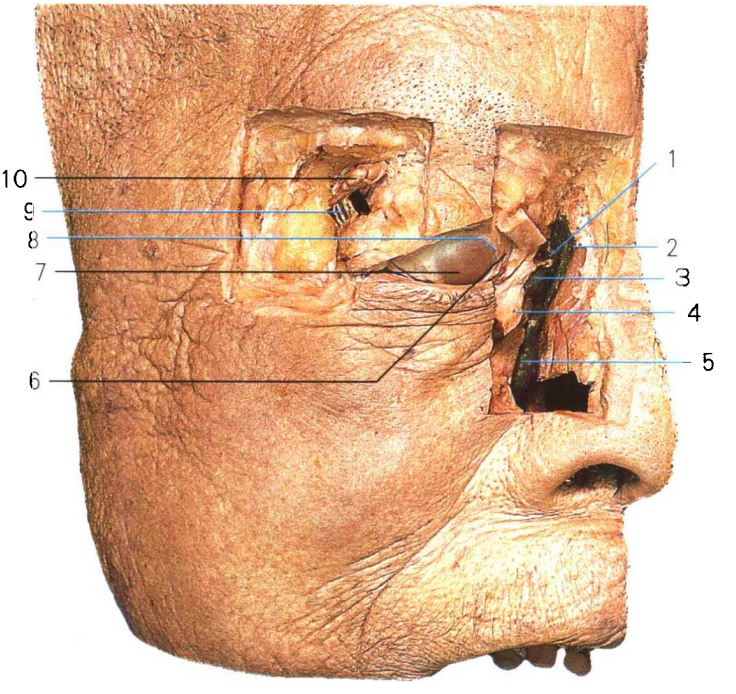
图 274 眼球及眶矢状切面
Sagittal section through eyeball and orbital cavity

1. 结膜上穹 superior conujunctival fornix
2. 虹膜 iris
3. 睑结膜 palpebral conjunctiva
4. 角膜 cornea
5. 晶状体 lens
6. 结膜下穹 inferior conjunctival fornix
7. 下斜肌 inferior obliquus
8. 下直肌 inferior rectus
9. 眶脂体 adipose body of orbit
10. 总腱环 common tendinous ring
11. 视神经(Ⅱ) optic n.(Ⅱ)
12. 视网膜 retina
13. 脉络膜 choroid
14. 巩膜 sclera
15. 上直肌 superior rectus
16. 上睑提肌 levator palpebrae superiors



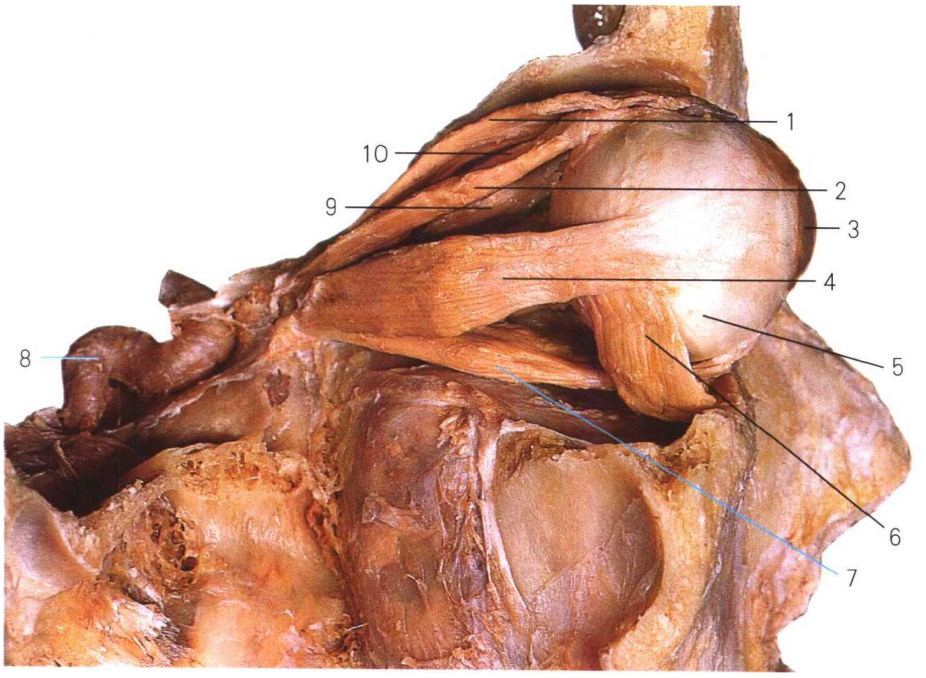
1. 眶上神经和血管 supraorbital n. and blood vessels
2. 滑车上神经 supratrochlear n.
3. 上睑板 superior tarsus
4. 滑车下神经 infratrochear n.
5. 睑内侧韧带 medial palpebral lig.
6. 睑内侧连合 medial palebral commissure
7. 下睑板 inferior tarsus
8. 眶隔 orbital sepetum
9. 睑外侧连合 lateral palpebral commissure
10. 睑外侧韧带 lateral palperal lig.

图 275 右眼眶隔
Orbital septum of the right eye



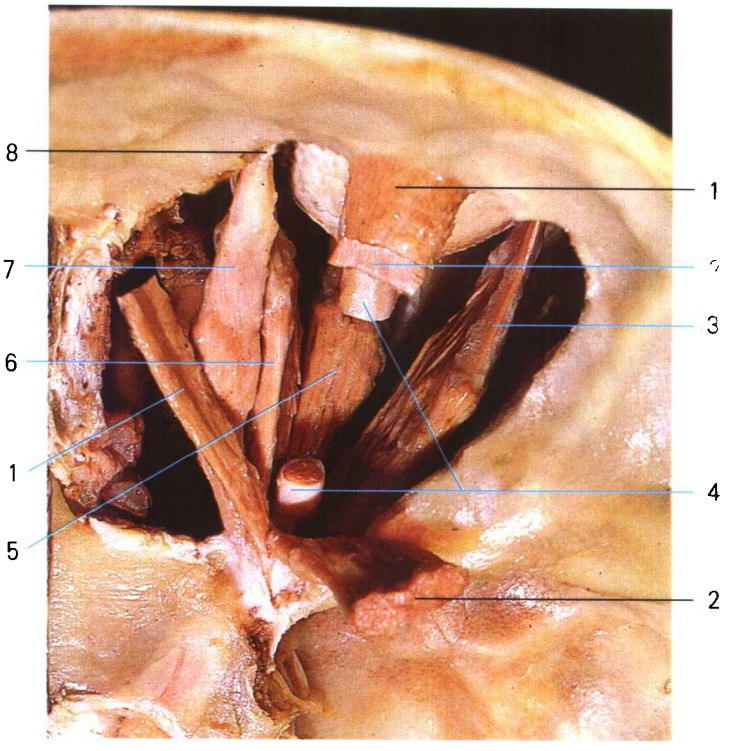
1. 上泪小管 upper lacrimal ductule
2. 泪囊 lacrimal sac
3. 下泪小管 lower lacrimal punctum
4. 下泪点 lower lacrimal punctum
5. 鼻泪管 nasolacrimal duct
6. 泪湖 lacrimal lacus
7. 角膜 cornea
8. 结膜半月襞 conjunctival semilunar fold
9. 泪腺排泄小管 excretory ductules of lacrimal
10. 泪腺 lacrimal gland

图 276 泪器(右侧)
The lacrimal apparatus(right side)



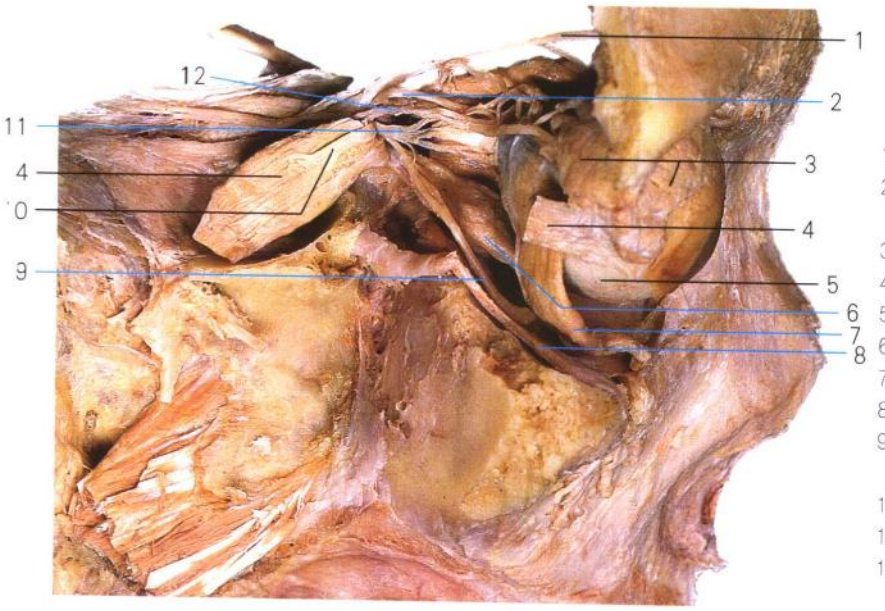
1. 上睑提肌 levator palpebrae superioris
2. 上直肌 superior rectus
3. 角膜 cornea
4. 外直肌 lateral rectus
5. 眼球 eyeball
6. 下斜肌 inferior obliguus
7. 下直肌 inferior rectus
8. 颈内动脉 internal carotid a.
9. 内直肌 medial rectus
10. 上斜肌 superior obliguus

图 277 眼球外肌(外侧观)
The ocularal muscles(lateral aspect)



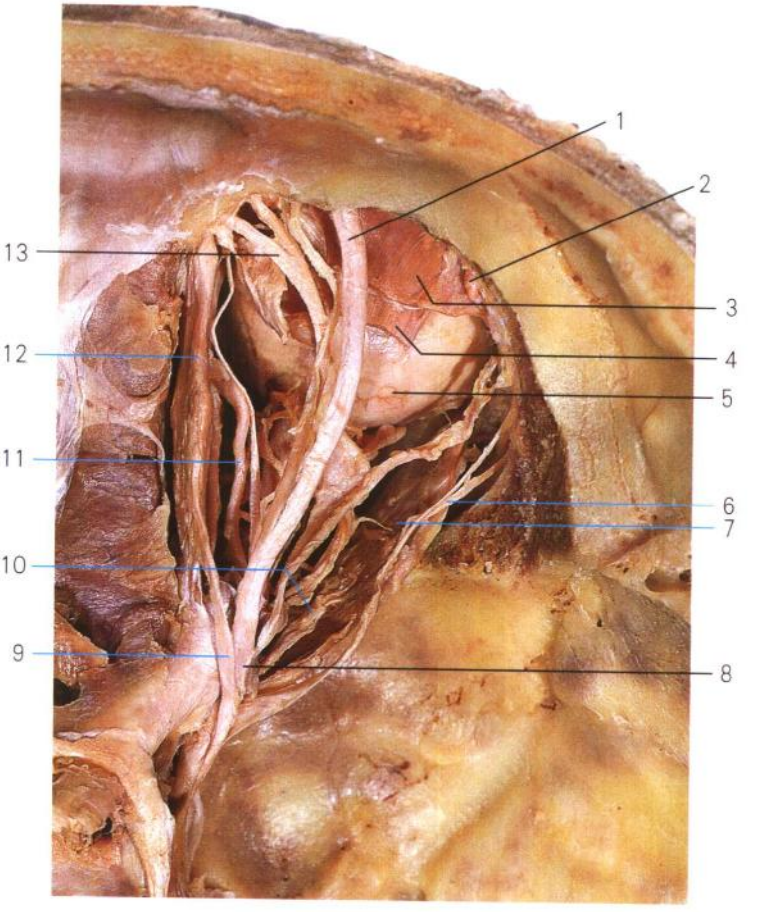
1. 上睑提肌 levator palpebrae superior
2. 上直肌 superior rectus
3. 外直肌 lateral rectus
4. 视神经(Ⅱ) optic n.(Ⅱ)
5. 下直肌 inferior rectus
6. 内直肌 medial rectus
7. 上斜肌 superior obliquus
8. 滑车 trochlea

图 278 眼球外肌(上面观)
The ocularal muscles(supeior aspect)



1. 额神经 frontal n.
2. 动眼神经上支 superior branch of the oculomotor n.
3. 泪腺 lacrimal gland
4. 外直肌 laterel recus
5. 眼球 eyeball
6. 下直肌 inferior recutsu
7. 下斜肌 inferior obliguus
8. 眶下神经 infraorbital n.
9. 动眼神经下支 inferior branch of oculomotor n.
10. 展神经(VI) abducent n.(VI)
11. 睫状神经节 ciliary ganglion
12. 泪腺神经 lacrimal n.

图 279 右眼眶内容(外侧面)
Right orbital contents(lateral aspect)



. 额神经 frontal n.
2. 泪腺 lacrimal gland
3. 上睑提肌 levator palpebrae superioris
4. 上直肌 superior rectus
5. 眼球 eyeball
6. 泪腺神经 lacrimal n.
7. 外直肌 lateral rectus
8. 眼神经 ophthalmic n.
9. 动眼神经(III) Oculomotor n.(III)
10. 展神经(VI) abducent n.(VI)
11. 眼动脉 ophthalmic a.
12. 内直肌 medial rectus
13. 滑车上神经 supratrochlear n.

图 280 右眼眶内容(上面观)
Right orbital contents(superior aspect)

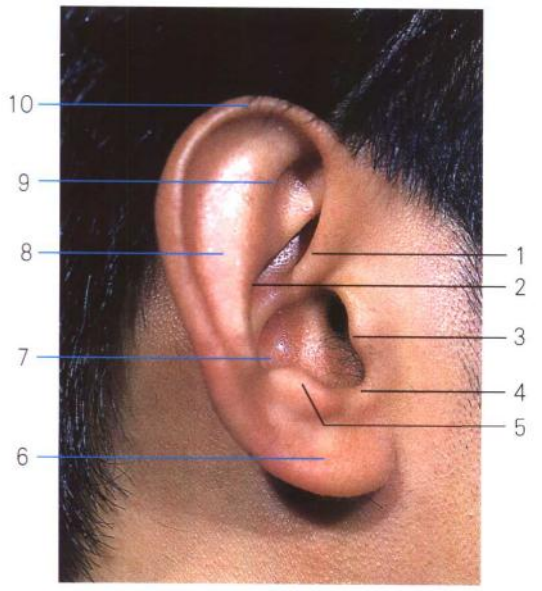


图 281 耳廓
Auricle

1. 耳轮脚 crus of helix
2. 对耳轮脚 crura of antihelix
3. 耳屏 tragus
4. 耳屏间切迹 intertragic notch
5. 对耳屏 antitragus
6. 耳垂 auricular lobule
7. 耳甲 auricular concha
8. 耳舟 scapha
9. 对耳轮 antihelix
10. 耳轮 helix

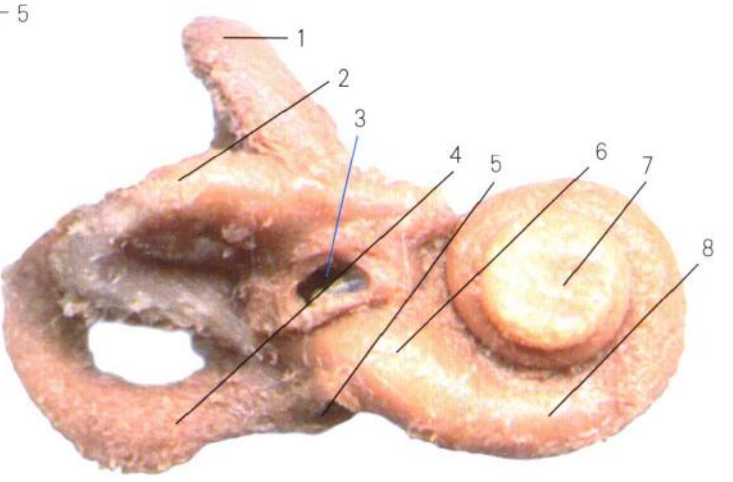


图 282 骨迷路
Bony labyrinth

1. 前骨半规管 anterior semicircular canal
2. 外骨半规管 lateral semicircular canal
3. 前庭窗 fenestra vestibuli
4. 后骨半规管 posterior semicircular canal
5. 蜗窗 fenestra cochleae
6. 前庭 vestibule
7. 蜗顶 cupula of cochlea
8. 耳蜗 cochlea
9. 锤骨 malleus
10. 锤骨柄 manubrium of malleus
11. 锤骨头 head of malleus
12. 砧骨 incus
13. 短脚 short crus
14. 长脚 long crus
15. 镫骨 stapes
16. 镫骨脚 crus of stapes
17. 镫骨底 base of stapes

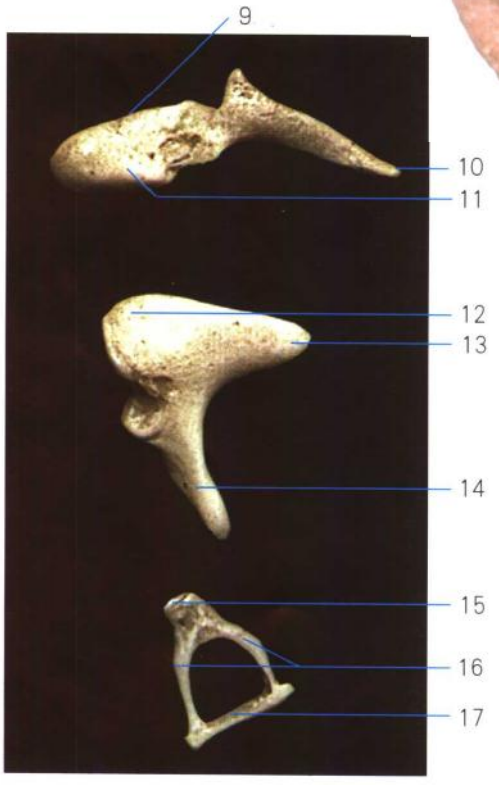


图 283 听小骨
Auditory ossicles

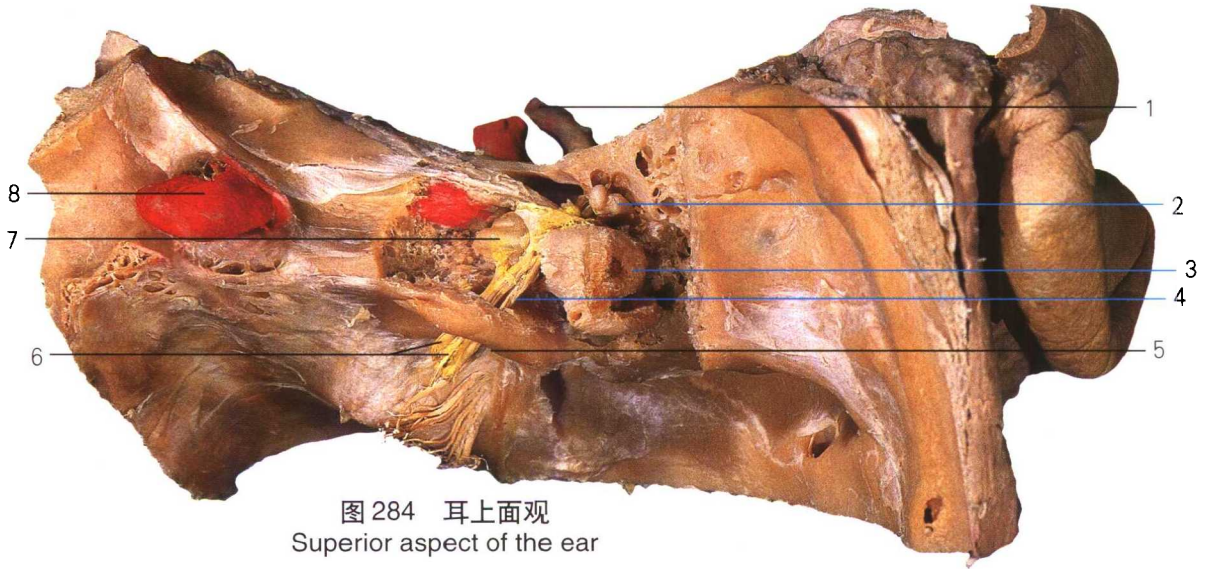


图 284 耳上面观
Superior aspect of the ear

1. 茎突 styloid process
2. 听小骨 auditory ossicles
3. 骨半规管 bony semicircular canals
4. 面神经 facial n.
5. 内耳门 internal acoustic pore
6. 前庭蜗神经 vestibulocochlear n.
7. 耳蜗 cochlea
8. 颈内动脉 internal carotid a.
9. 鼓膜张肌 tensor tympani
10. 咽鼓管 auditory tube
11. 迷走神经 vagus n.
12. 颈内静脉 inbternal carotid a.
13. 胸锁乳突肌 sternocleidomastoid
14. 乳突 mastoid process
15. 耳廓 auricle
16. 外耳道 external acoustic meatus
17. 鼓膜 tympanic membrane

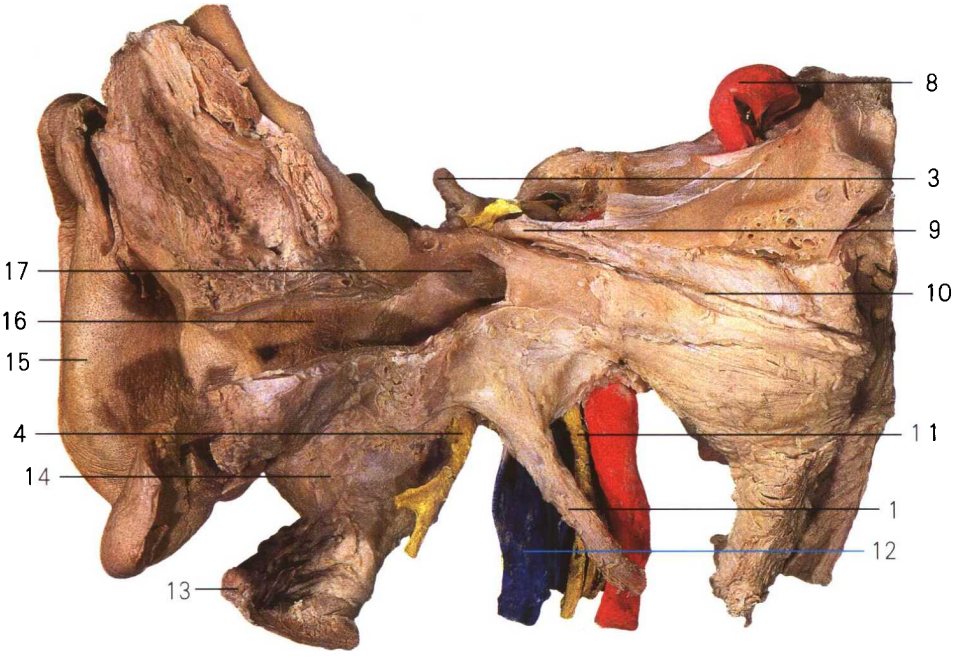


图 285 耳前面观
Anterior aspect of the ear

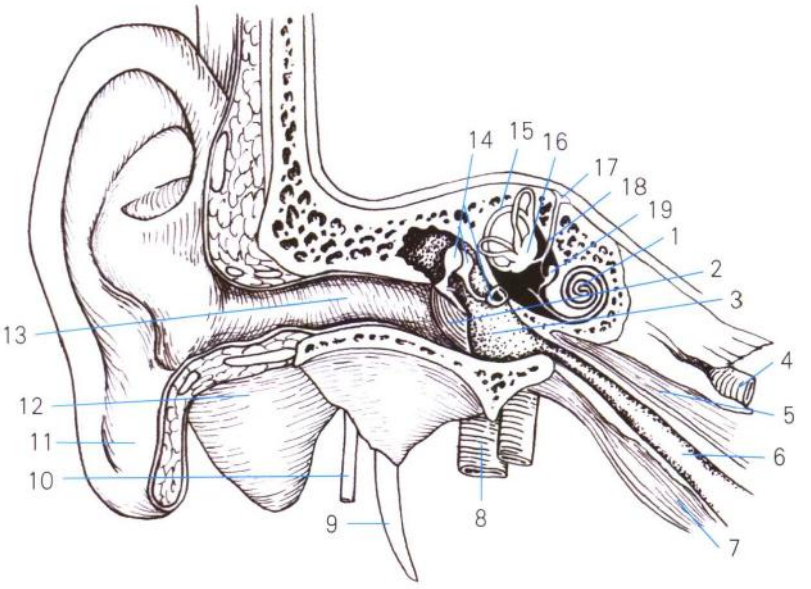


图 286　位听器模式图(右侧)
Diagram of the organs of hearing and equalibration (right side)

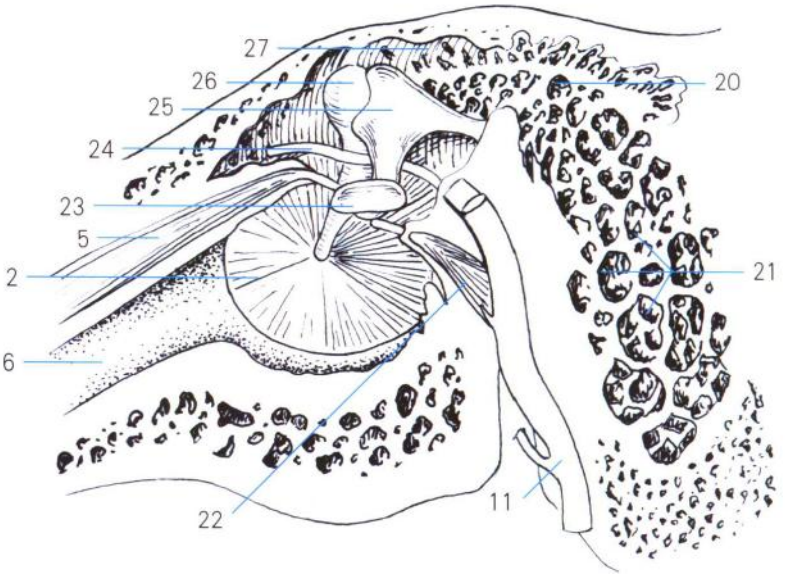


图 287　鼓室外侧壁(右侧)
Lateral wall of the tympanic cavity(right side)

1. 耳蜗　cochlea
2. 鼓膜　tympanic membrane
3. 鼓室　tympanic cavity
4. 颈内动脉　internal carotid a.
5. 鼓膜张肌　tensor tympani
6. 咽鼓管　auditory tube
7. 腭帆提肌　evator veli palatini
8. 颈内静脉　internal carotid v.
9. 茎突　styloid process
10. 面神经(Ⅶ)　facial n.(Ⅶ)
11. 耳垂　auricular lobule
12. 乳突　mastoid process
13. 外耳道　external acoustic meatus
14. 听小骨　auditory ossicles
15. 骨半规管　bony semicircular canals
16. 椭圆囊　utricle
17. 内淋巴囊　endolymphatic sac
18. 内淋巴管　endolymphatic duct
19. 球囊　saccule
20. 乳突窦　mastoid antrum
21. 乳突小房　tympanic cells
22. 镫骨肌　stapedius
23. 镫骨　stepes
24. 鼓索　chorda tympani
25. 砧骨　incus
26. 锤骨　malleus
27. 鼓室上隐窝　superior recess of tampanic

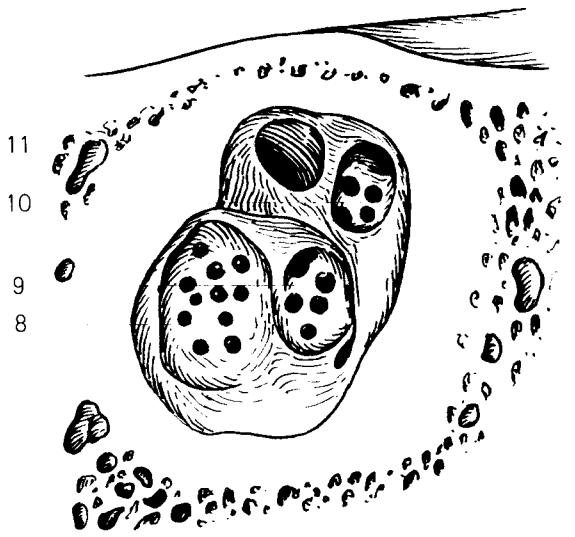


图288 右侧内耳道底
Bottom of the right internal acoustic meatus

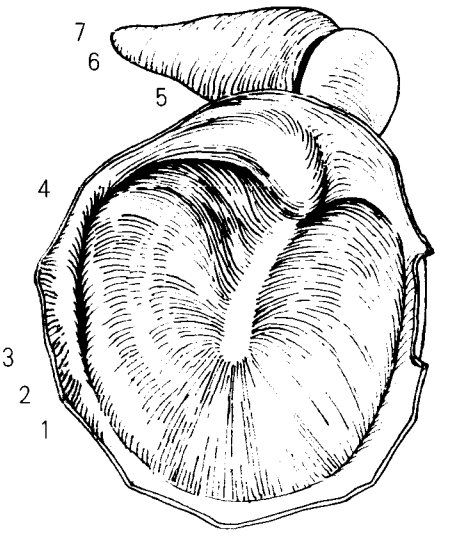


图289 右侧鼓膜
The right tympanic membrane

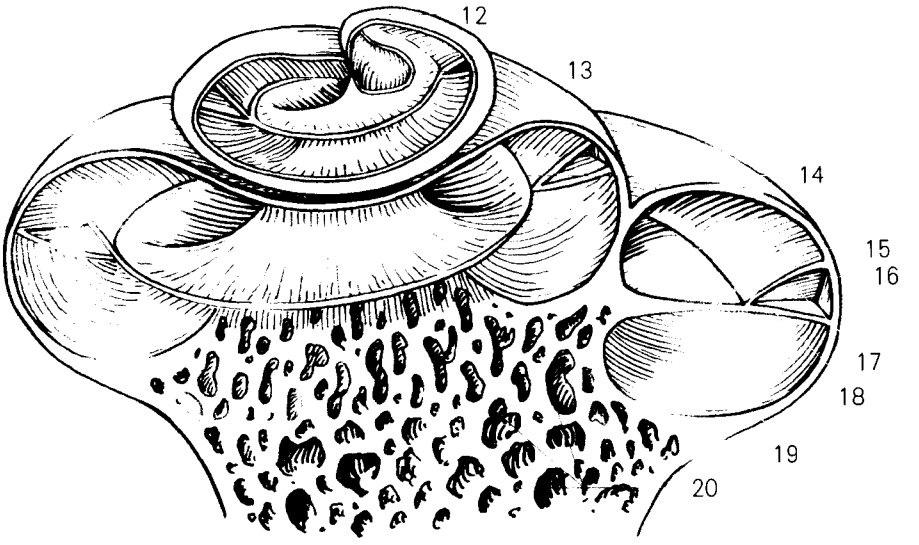
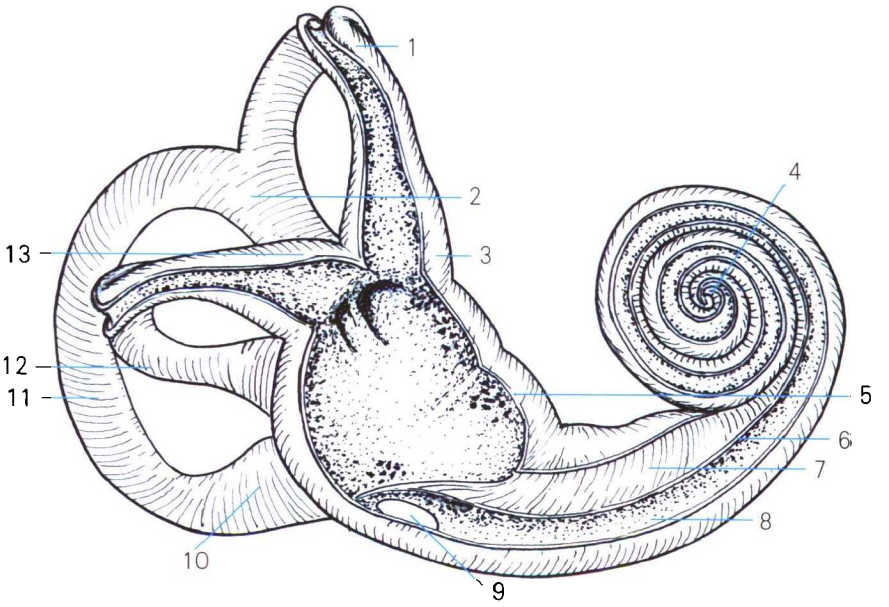


图290 耳蜗(通过蜗轴的剖面)
Cochlea section through the modiolus

1. 光锥 light cone
2. 紧张部 tense part
3. 鼓膜脐 umbo of tympatic membrane
4. 松弛部 flaccid part
5. 锤骨头 head of stapes
6. 砧锤关节 incudomalleolar joint
7. 砧骨体 body of incus
8. 蜗区 cochlear area
9. 前庭下区 inferior vestibular area
10. 前庭上区 superior vestibular area
11. 面神经区 area of facial nerve
12. 蜗顶 cupula of cochlea
13. 螺旋板钩 hamulus of spiral lamina
14. 骨螺旋板 osseous spiral lamina
15. 前庭阶 scala vestibuli
16. 前庭膜 vestibular membrane
17. 蜗管 cochlear duct
18. 螺旋膜 spiral membrane
19. 鼓阶 scala tympali
20. 蜗轴 cochlear axis



1. 前骨半规管 anterior semicircular canals
2. 总骨脚 common bony crus
3. 前骨壶腹 anteriof bony ampulla
4. 蜗顶 cupula of cochlea
5. 前庭 vestibule
6. 骨螺旋板 osseous spiral lamina
7. 前庭阶 scala vestibuli
8. 鼓阶 scala tympali
9. 蜗窗 fenestra cochleae
10. 后骨壶腹 posteriof bony ampulla
11. 后骨半规管 posterior semicircular canal
12. 外骨半规管 lateral semicircular canal

图 291 右侧骨迷路内面
Interior aspect of the right bony labyrinth

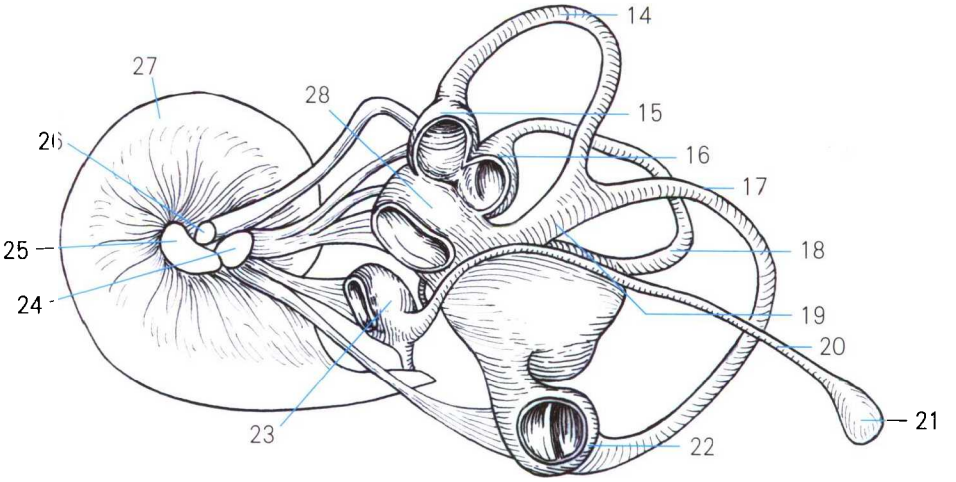


图 292 右侧膜迷路
Right membranous labyrinty

13. 外骨壶腹 lateral bony ampulla
14. 前膜半规管 anterior semicircular duct
15. 前膜壶腹 anterior membranous ampulla
16. 外膜壶腹 lateral membranous ampulla
17. 后膜半规管 posterior semicircular duct
18. 外膜半规管 lateral semicircular duct
19. 总膜脚 common membranous crus
20. 内淋巴管 endolymphatic duct
21. 内淋巴囊 endolymphatic sac
22. 后膜壶腹 posterior membranous empulla
23. 球囊 saccula
24. 前庭神经 vestibular n.
25. 蜗神经 cochlear n.
26. 面神经 facial n.
27. 蜗管 cochlear duct
28. 椭圆囊 utricle

第 9 章

中枢神经系统

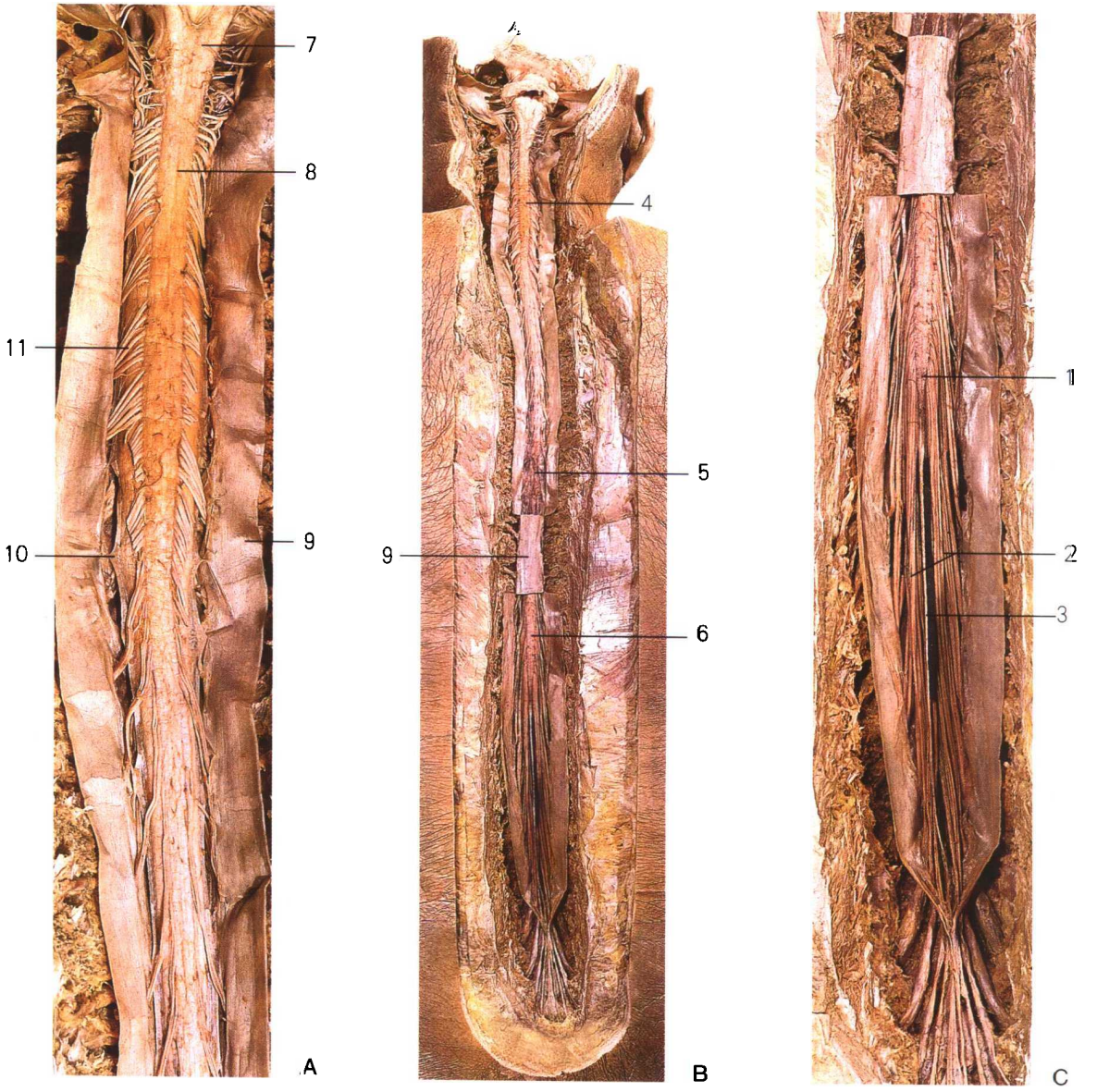
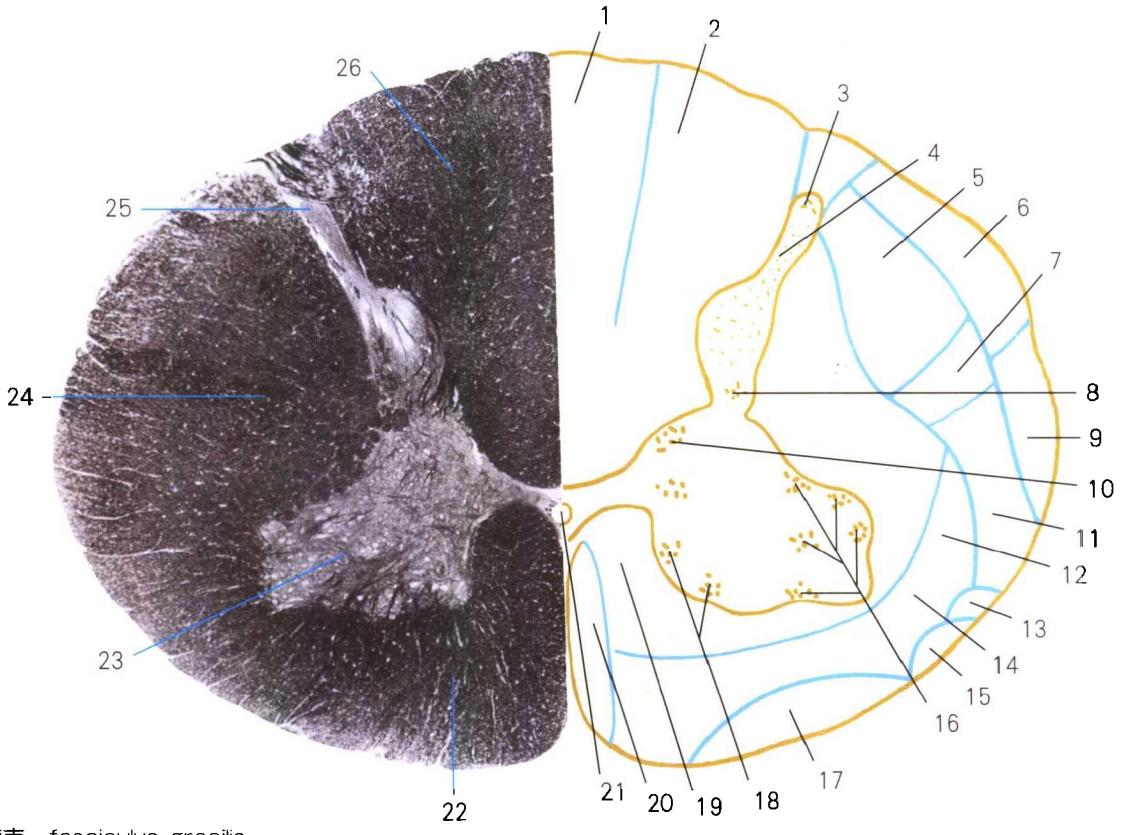


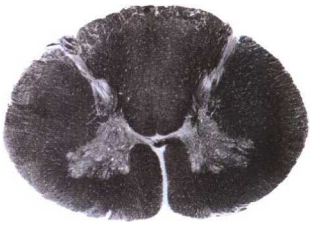
图 293　脊髓的外形和被膜 (A、B、C)
External features and meninges of the spinal cord(A,B,C)

1. 脊髓圆锥　conus medullaris
2. 马尾　cauda equina
3. 终丝　filum terminale
4. 颈膨大　cervical enlargement
5. 脊髓蛛网膜　spinal arachnoid mater
6. 腰骶膨大　lumbosacral enlargement
7. 延髓　medulla oblongata
8. 后正中沟　posterior median sulcus
9. 硬脊膜　spinal dura mater
10. 齿状韧带　denticulate ligament
11. 后根　posterior root



1. 薄束　fasciculus gracilis
2. 楔束　fasciculus cuneatus
3. 缘层　marginal layer
4. 胶状质　substantia gelatinosa
5. 皮质脊髓侧束　lateral corticospinal tract
6. 脊髓小脑后束　posterior spinocerebellar tract
7. 红核脊髓束　rubrospinal tract
8. 后脚固有核　nucleus proprius
9. 脊髓小脑前束　anterior spinocerebellar tract
10. 胸核　nucleus thoracicus
11. 脊髓丘脑束　spinothalamic tract
12. 网状脊髓束　reticulospinal tract
13. 脊髓顶盖束　spinotectal tract
14. 顶盖脊髓束　tectospinal tract
15. 橄榄脊髓束　olivospinal tract
16. 外侧核　lateral nucleus
17. 前庭脊髓束　vestibulospinal tract
18. 内侧核　medial nucleus
19. 内侧纵束　medial longitudinal fasciculus
20. 皮质脊髓前束　anterior corticospinal tract
21. 中央管　central canal
22. 前索　anterior funiculus
23. 前角　anterior horn
24. 外侧索　lateral funiculus
25. 后角　posterior horn
26. 后索　posterior funiculus

A. 颈段
Cervical segment



B. 颈段
Cervical segment



C. 胸段
Thoracic segment



D. 腰段
Lumbar segment



E. 骶段
Sacral segment

图294　脊髓横切面(A、B、C、D、E)
Transverse section of spinal cord(A,B,C,D,E)

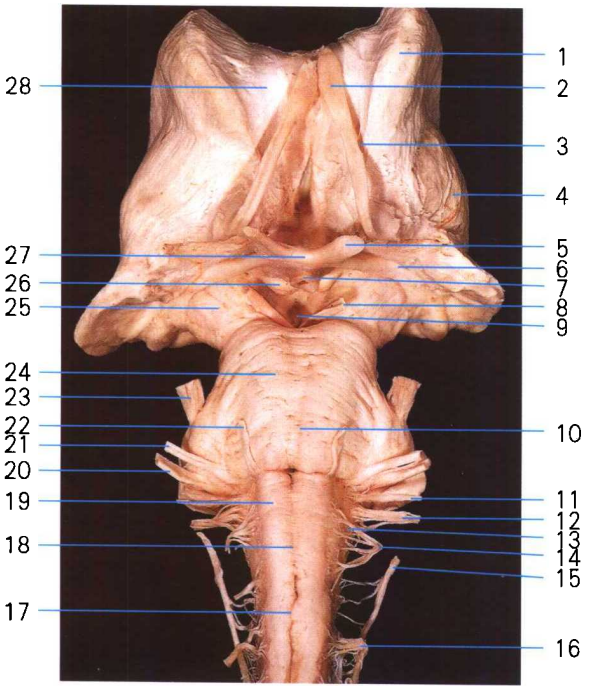


图 295　脑干腹面观
Ventral aspect of brain stem

1. 背侧丘脑　dorsal thalamus
2. 下丘　inferior colliculus
3. 滑车神经(Ⅳ)　trochlear n.(Ⅳ)
4. 前髓帆　anterior medullary velum
5. 内侧隆起　medial eminence
6. 正中沟　median sulcus
7. 界沟　sulcus limitans
8. 前庭区　vestibular area
9. 髓纹　striae medullares
10. 舌下神经三角　hypoglossal triangle
11. 迷走神经三角　vagal triangle
12. 楔束结节　cuneate tubercle
13. 后正中沟　posterior median sulcus
14. 薄束结节　gracile tubercle
15. 副神经(Ⅺ)　accessory n.(Ⅺ)
16. 舌下神经(Ⅻ)　hypoglossal n.(Ⅻ)
17. 迷走神经(Ⅹ)　vagus n.(Ⅹ)
18. 小脑下脚　inferior cerebellar peduncle
19. 小脑中脚　middle cerebellar peduncle
20. 面神经丘　facial colliculus
21. 小脑上脚　superior cerebellar peduncle
22. 上丘　superior colliculus
23. 内侧膝状体　medial geniculate body
24. 松果体　pineal body
25. 疆三角　habenular trigone
26. 丘脑髓纹　thalamic medulary stria
27. 胼胝体　corpus callosum

1. 辐射冠　corona radiata
2. 嗅球　olfactory bulb
3. 嗅束　olfactory tract
4. 豆状核　lentiform nucleus
5. 视神经(Ⅱ)　optic n.(Ⅱ)
6. 视束　optic tract
7. 漏斗　infundibulum
8. 动眼神经(Ⅲ)　oculomotor n.(Ⅲ)
9. 脚间窝　interpeduncular fossa
10. 基底沟　basilar sulcus
11. 舌咽神经(Ⅸ)　glossopharyngeal n.(Ⅸ)
12. 迷走神经(Ⅹ)　vagus n.(Ⅹ)
13. 橄榄　olive
14. 舌下神经(Ⅻ)　hypoglossal n.(Ⅻ)
15. 副神经(Ⅺ)　accessory n.(Ⅺ)
16. 第一颈神经　first cervical n.
17. 锥体交叉　decussation of pyramid
18. 前正中裂　anterior median fissure
19. 锥体　pyramid
20. 前庭蜗(位听)神经(Ⅷ)　vestibulocochlear n.(Ⅷ)
21. 面神经(Ⅶ)　facial n.(Ⅶ)
22. 展神经(Ⅵ)　abducent n.(Ⅵ)
23. 三叉神经(Ⅴ)　trigeminal n.(Ⅴ)
24. 脑桥　pons
25. 大脑脚　cerebral peduncle
26. 乳头体　mamillary body
27. 视交叉　optic chiasma
28. 尾状核　caudate nucleus

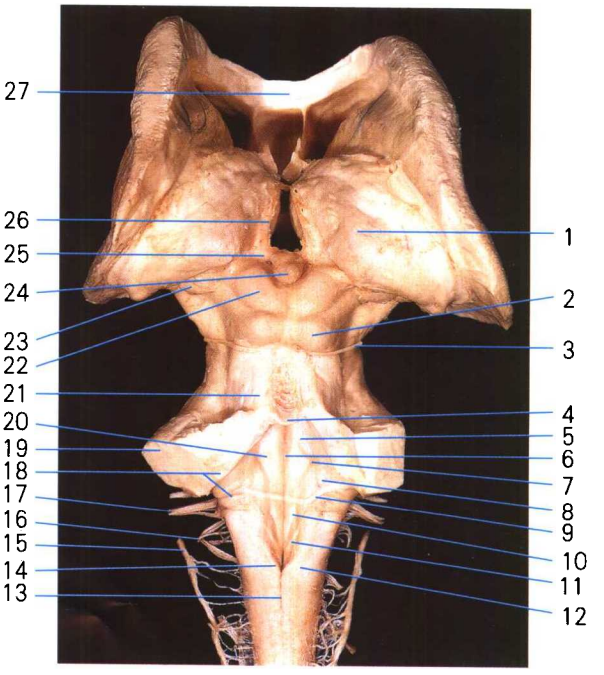


图 296　脑干背面观
Dorsal aspect of brain stem

1. 外侧膝状体 lateral geniculate body
2. 内侧膝状体 medial geniculate body
3. 上丘 superior colliculus
4. 下丘 inferior colliculus
5. 滑车神经(Ⅳ) trochlear n.(Ⅳ)
6. 小脑中脚 middle cerebellar peduncle
7. 小脑下脚 inferior cerebellar peduncle
8. 橄榄 olive
9. 锥体 pyramid
10. 脑桥 pons
11. 三叉神经(Ⅴ) trigeminal n.(Ⅴ)
12. 动眼神经(Ⅲ) oculomotor n.(Ⅲ)
13. 大脑脚 cerebral peduncle
14. 视束 optic tract
15. 杏仁体 amygdaloid body
16. 豆状核 lentiform nucleus
17. 辐射冠 corona radiata

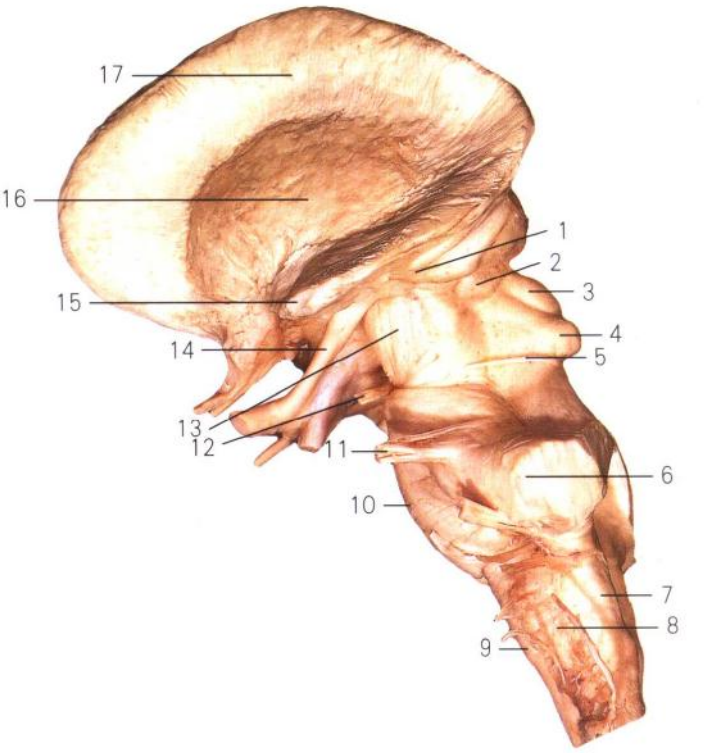


图297 脑干侧面观
Lateral aspect of the brain stem

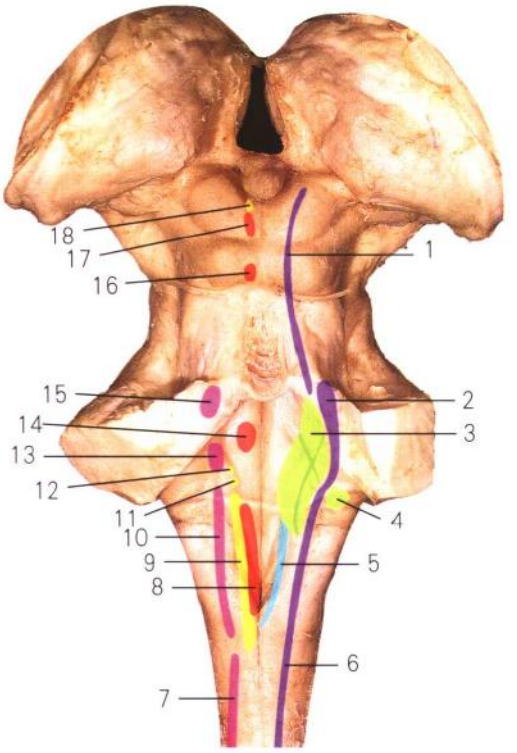
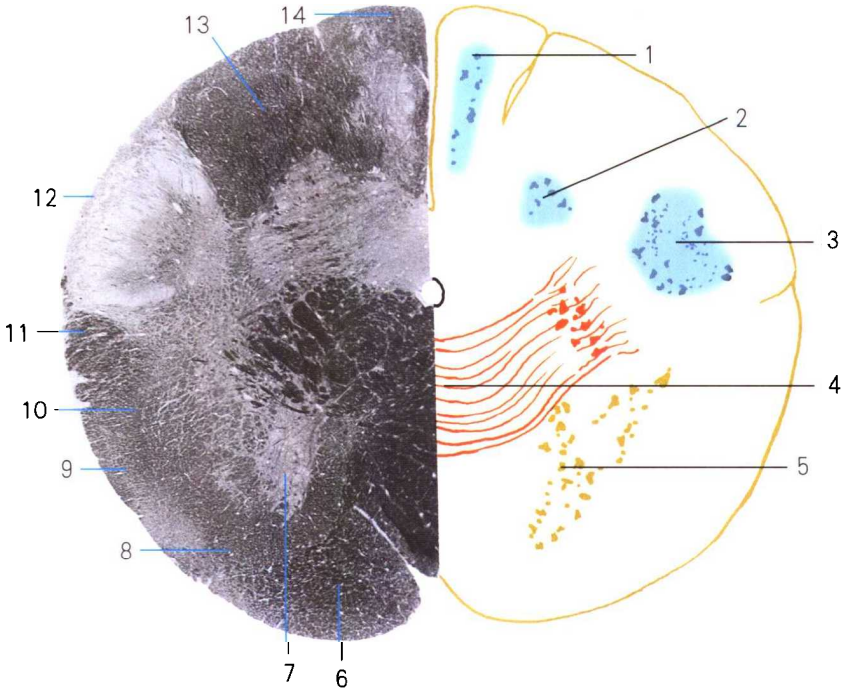


图298 脑神经核模式图(背面观)
Diagram of the nuclei of the cranial nerves(dorsal aspect)

1. 二叉神经中脑核 mesencephalic nucleus of trigeminal n.
2. 三叉神经脑桥核 pontine nucleus of trigeminal n.
3. 前庭神经核 vestibular nuclei
4. 蜗神经核 cochlear nuclei
5. 孤束核 nucleus of solitary tract
6. 三叉神经脊核 spinal nucleus of trigeminal n.
7. 副神经核 accessory nucleus
8. 舌下神经核 nucleus of hypoglossal n.
9. 迷走神经背核 dorsal nucleus of vagus n.
10. 疑核 nucleus ambiguus
11. 下泌涎核 inferior salivatory nucleus
12. 上泌涎核 superior salivatory nucleus
13. 面神经核 nucleus of facial n.
14. 展神经核 nucleus of abducent n.
15. 三叉神经运动核 motor nucleus of trigeminal n.
16. 滑车神经核 nucleus of trochlear n.
17. 动眼神经核 nucleus of oculomotor n.
18. 动眼神经副核 accessory nucleus of oculomotor n.



1. 薄束核 gracile nucleus
2. 楔束核 cuneate nucleus
3. 三叉神经脊束核 spinal nucleus of trigeminal n.
4. 锥体交叉 decussation of pyramid
5. 副神经核 accessory nucleus
6. 锥体束 pyramidal tract
7. 前角 anterior horn
8. 前庭脊髓束 vestibulospinal tract
9. 脊髓小脑前束 anterior spinocerebellar tract
10. 脊髓丘脑束 spinothalamic tract
11. 脊髓小脑后束 posterior spinocerebellar tract
12. 三叉神经脊束 spinal tract of trigeminal n.
13. 楔束 fasciculus cuneatus
14. 薄束 fasciculus gracilis

图 299 延髓横切面(经锥体交叉)
Transverse section of the medulla oblongata(through the pyramidal decussation)

1. 薄束核 gracile nucleus
2. 楔束核 cuneate nucleus
3. 三叉神经脊束核 spinal nucleus of trigeminal n.
4. 疑核 nucleus ambiguus
5. 舌下神经核 nucleus of hypoglossal n.
6. 内侧丘系交叉 decussation of medial lemniscus
7. 内侧副橄榄核 medial accessory olivary nucleus
8. 锥体束 pyramidal tract
9. 脊髓小脑前束 anterior spinocrebellar tract
10. 脊髓丘脑束 spinothalamic tract
11. 脊髓小脑后束 posterior spinocrebellar tract
12. 内弓状纤维 internal arcuate fibers
13. 三叉神经脊束 spinal tract of trigeminal n.
14. 楔束 fasciculus cuneatus
15. 薄束 fasciculus gracilis

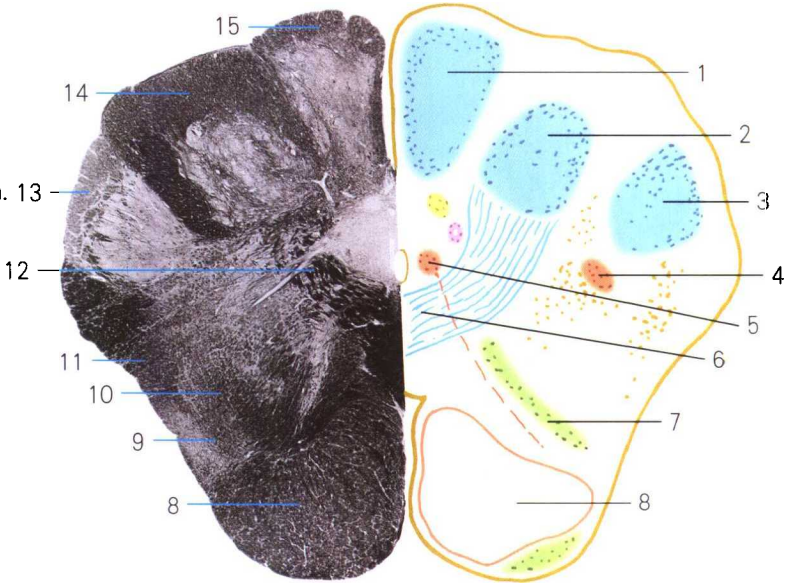


图 300 延髓横切面(经内侧丘系交叉)
Transverse section of the medulla oblongata(through the decussation of the medial lemniscus)

1. 内侧纵束 medial longitudinal fasciculus
2. 舌下神经核 nucleus of hypoglossal n.
3. 迷走神经背核 dorsal nucleus of vagus n.
4. 孤束核 nucleus of soliary tract
5. 前庭神经下核 inferior vestibular nucleus
6. 楔束副核 accessory cuneate nucleus
7. 三叉神经脊束核 spinal nucleus of trigeminal n.
8. 疑核 nucleus ambiguus
9. 顶盖脊髓束 tectospinal tract
10. 内侧丘系 medial lemniscus
11. 下橄榄核 inferior olivary nucleus
12. 舌下神经 hypoglossal n.
13. 弓状核 arcuate nucleus
14. 锥体束 pyramidal tract
15. 脊髓小脑前束 naterior spinocerebellar tract
16. 脊髓丘脑束 spinothalamic tract
17. 网状结构 reticular formation
18. 三叉神经脊束 spinal tract of trigeminal n.
19. 小脑下脚 inferior cerebellar peduncle
20. 孤束 solitary tract

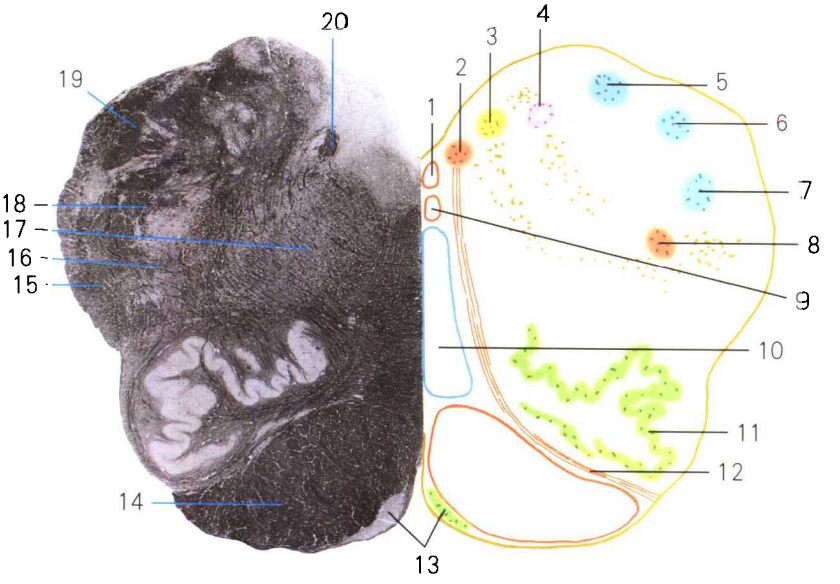


图301 延髓横切面(经过下橄榄核中部)
Transverse section of the medulla oblongata(through the middle part of the inferior olive)

1. 内侧纵束 medial longitudinal fasciculus
2. 舌下神经核 nucleus of hypoglossal n.
3. 前庭神经内侧核 medial vestibular nucleus
4. 孤束核 nucleus of solitary tract
5. 前庭神经下核 inferior vestibular nucleus
6. 蜗背侧核 dorsal cochlear nucleus
7. 顶盖脊髓束 tectospinal tract
8. 蜗腹侧核 ventral cochlear nucleus
9. 三叉神经脊束核 spinal nucleus of trigeminal n.
10. 疑核 nucleus ambiguus
11. 内侧丘系 medial lemniscus
12. 下橄榄核 inferior olivary nucleus
13. 锥体束 pyramidal tract
14. 脊髓丘脑束 spinothalamic tract
15. 三叉神经脊束 spinal tract of trigeminal n.
16. 小脑下脚 inferior cerebellar peduncle
17. 网状结构 reticular formation

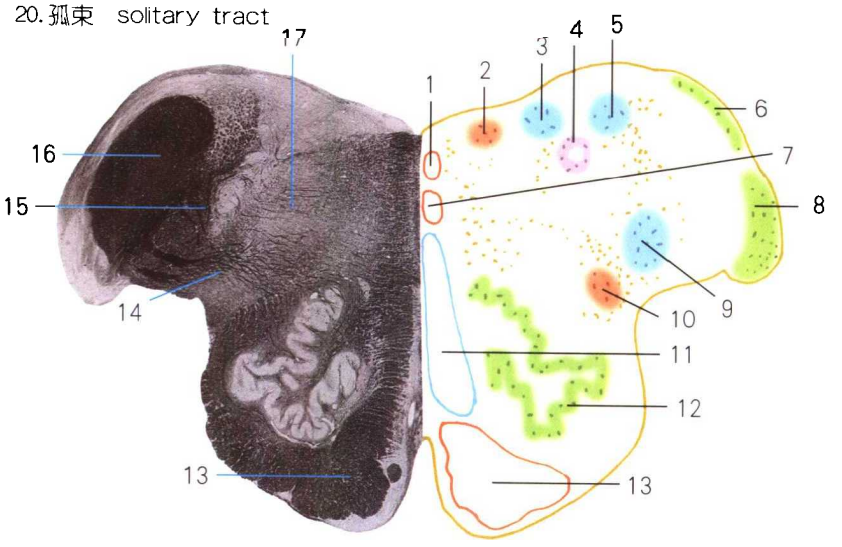


图302 延髓横切面(经过蜗神经核)
Transverse section of the medulla oblongata(through the cochlear nuclei)

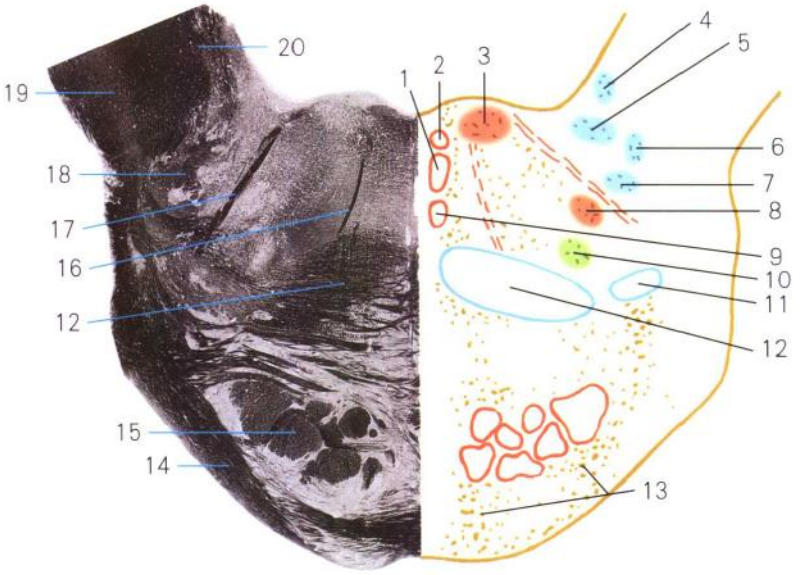
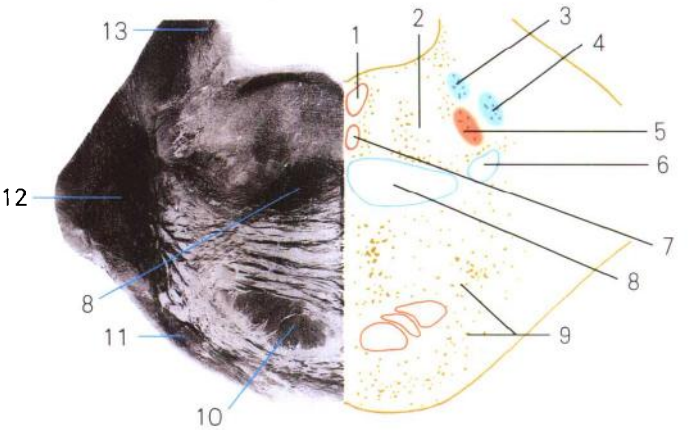


图 303　脑桥横切面(经面丘)
Transverse section of the pons(through the facial colliculus)

1. 内侧纵束　medial longitudinal tract
2. 面神经膝　genu of facial n.
3. 展神经核　nucleus of abducent n.
4. 前庭神经上核　superior vestibular nucleus
5. 前庭神经内侧核　medial vestibular nucleus
6. 前庭神经外侧核　lateral vestibular nucleus
7. 三叉神经脊束核　spinal nucleus of trigeminal n.
8. 面神经核　nucleus of facial n.
9. 顶盖脊髓束　tectospinal tract
10. 上橄榄核　superior olivary nucleus
11. 外侧丘系　lateral lemniscus
12. 内侧丘系和斜方体　medial lemniscus and trapezoid body
13. 脑桥核　pontine nucleus
14. 脑桥横纤维　transverse fibers of pons
15. 锥体束　pyramidal tract
16. 展神经(Ⅵ)　abducent n.(Ⅵ)
17. 面神经(Ⅶ)　facial n.(Ⅶ)
18. 三叉神经脊束　spinal tract of trigeminal n.
19. 小脑中脚　middle cerebellar peduncle
20. 小脑上脚　superior cerebellar peduncle



1. 内侧纵束　medial longitudinal fasciculus
2. 网状结构　reticular formation
3. 三叉神经中脑核　mesencephalic nucleus of trigeminal n.
4. 三叉神经脑桥核　pontine nucleus of trigeminal n.
5. 三叉神经运动核　motor nucleus of trigeminal n.
6. 外侧丘系　lateral lemniscus
7. 顶盖脊髓束　tectospinal tract
8. 内侧丘系　medial lemniscus
9. 脑桥核　pontine nucleus
10. 锥体束　pyramidal tract
11. 脑桥横行纤维　transverse fibers of pons
12. 小脑中脚　middle cerebellar peduncle
13. 小脑上脚　superior cerebellar peduncle

图 304　脑桥横切面(经三叉运动核)
Transverse section of the pons(through the motor nucleus of the trigeminal nerve)

1. 三叉神经中脑核　mesencephalic nucleus of trigeminal n.
2. 滑车神经核　nucleus of trochlear n.
3. 内侧纵束　medial longitudinal fasciculus
4. 内侧丘系　medial lemniscus
5. 大脑脚底　crus cerebri
6. 黑质　substantia nigra
7. 小脑上脚交叉　decussation of superior cerebellar peduncle
8. 顶盖脊髓束　tectospinal tract
9. 中央灰质　central gray matter
10. 外侧丘系　lateral lemniscus
11. 中脑水管　mesencephalic aqueduct
12. 下丘核　nucleus of inferior colliculus

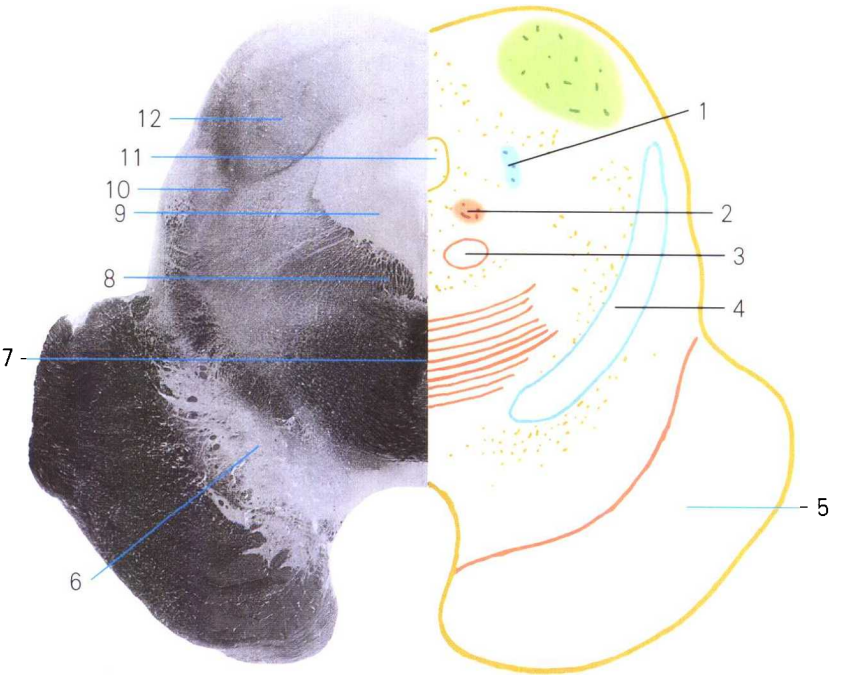


图 305　中脑横切面(经下丘)
Transverse section of the midbrain(through the inferior colliculus)

1. 上丘层　gray matter layer of superior colliculus
2. 中央灰质　certral gray matter
3. 动眼神经副核　accessory nucleus of oculomotor n.
4. 三叉神经中脑核　mesencephalic nucleus of trigeminal n.
5. 动眼神经核　nucleus of oculomotor n.
6. 红核　red nucleus
7. 黑质　substantia nigra
8. 顶颞桥束　parietotemporopontine tract
9. 锥体束　pyramidal tract
10. 额桥束　frontopontine tract
11. 动眼神经(Ⅲ)　oculomotor n.(Ⅲ)
12. 大脑脚底　crus cerebri
13. 内侧丘系　medial lemniscus
14. 中脑水管　mesencephalic aqueduct

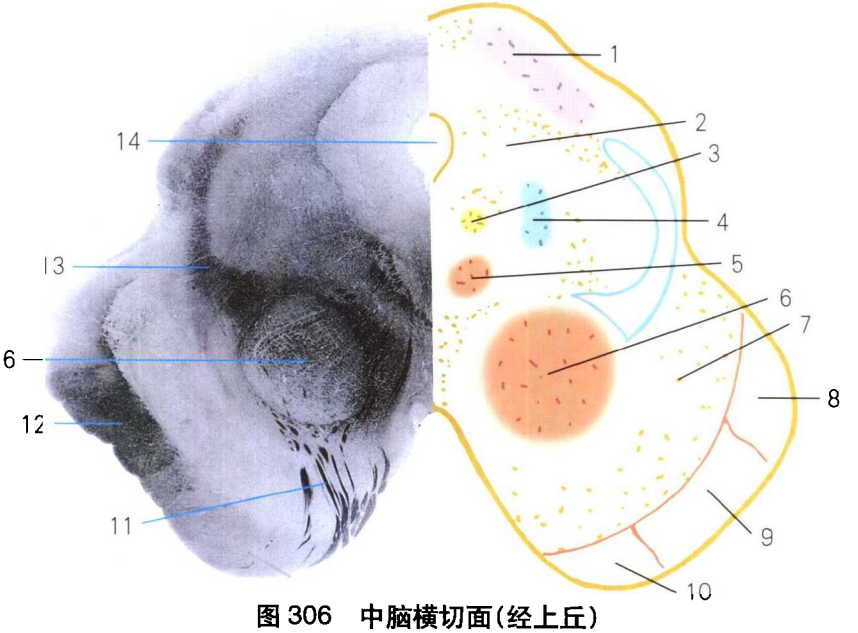


图 306　中脑横切面(经上丘)
Transverse section of the midbrain(through the superior colliculus)

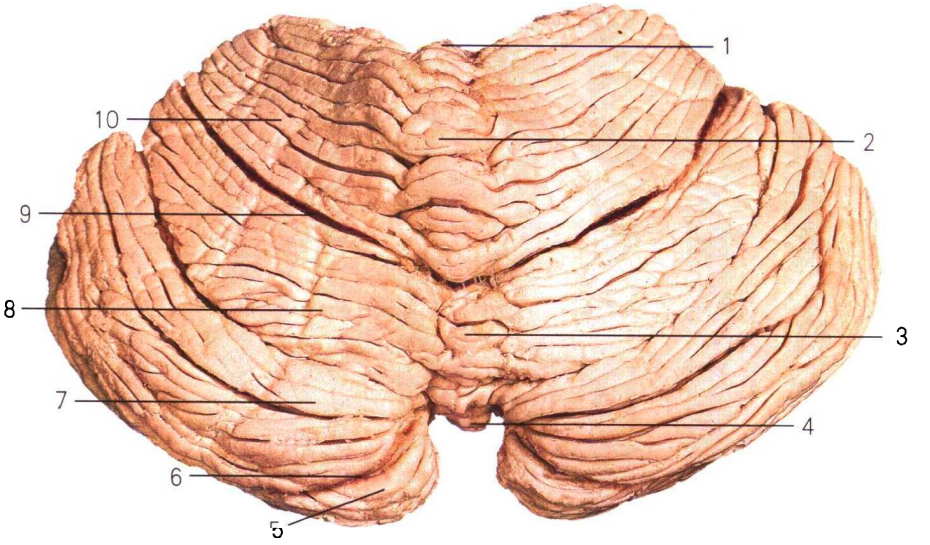


图 307　小脑(上面观)
The cerebellum(superior aspect)

1. 中央小叶　central lobule
2. 山顶　culmen
3. 山坡　declive
4. 蚓叶　folium of vermis
5. 下半月小叶　inferior semilunar lobule
6. 水平裂　horizontal fissure
7. 上半月小叶　superior semilunar lobule
8. 方形小叶(后部)　posterior quadrangular lobule
9. 原裂　primary fissure
10. 方形小叶(前部)　anterior quadrangular lobule

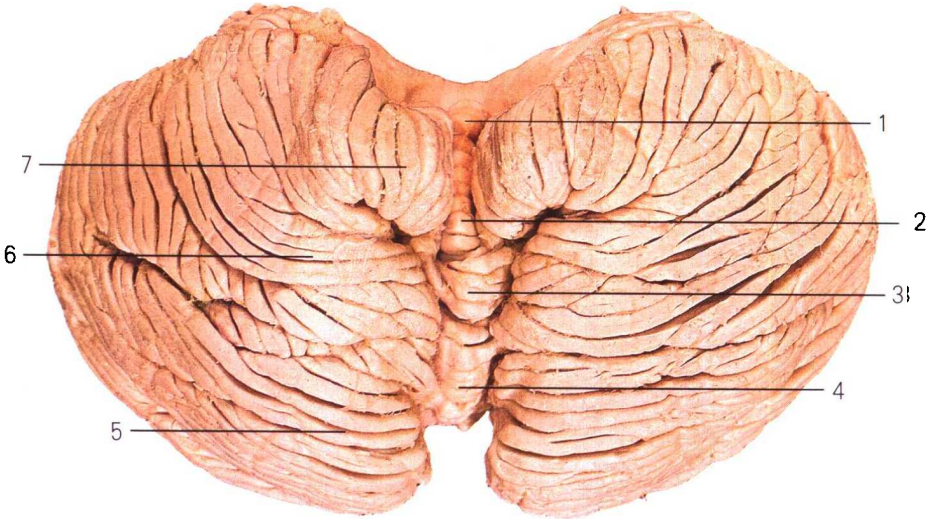


图 308　小脑(下面观)
The cerebellum(inferior aspect)

1. 小结　nodule
2. 蚓垂　uvula of vermis
3. 蚓锥体　pyramid of vermis
4. 蚓结节　tuber of vermis
5. 下半月小叶　inferior semilunar lobule
6. 二腹小叶　biventral lobule
7. 小脑扁桃体　tonsil of cerebellum

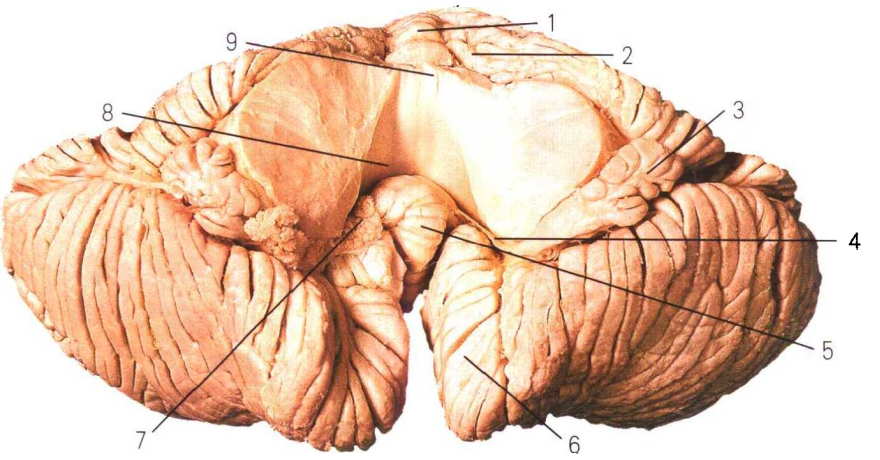


图309　小脑(前面观)
The cerebellum(anterior aspect)

1. 中央小叶　central lobule
2. 中央小叶翼　ala of central lobule
3. 绒球　flocculus
4. 绒球脚　peduncle of flocculus
5. 小结　nodule
6. 小脑扁桃体　tonsil of cerebellum
7. 第四脑室脉络丛　choroid plexus of fourth ventricle
8. 第四脑室　fourth ventricle
9. 前髓帆　anterior medullary velum

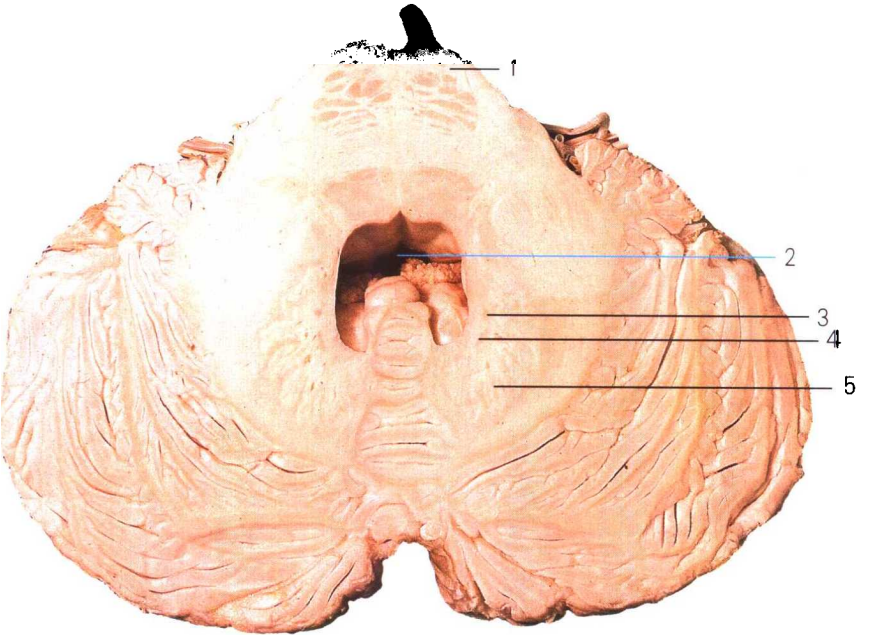
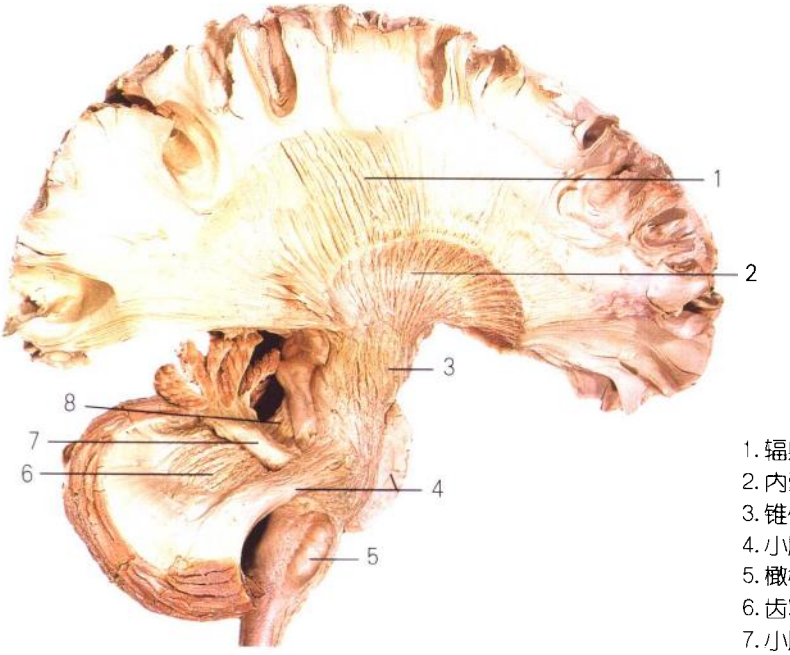


图310　小脑横断面
Transverse section of the cerebellum

1. 脑桥　pons
2. 第四脑室　fourth ventricle
3. 球状核　globose nucleus
4. 栓状核　emboliform nucleus
5. 齿状核　dentate nucleus



1. 辐射冠 corona radiata
2. 内囊 internal capsule
3. 锥体束 pyramidal tract
4. 小脑中脚 middle cerebellar peduncle
5. 橄榄 olive
6. 齿状核 dentate nucleus
7. 小脑下脚 inferior cerebellar peduncle
8. 小脑上脚 superior cerebellar peduncle

图 311 小脑脚及锥体束
The peduncles of cerebellum and the pyramidal tract

1. 尾状核 caudate nucleus
2. 豆状核 lentiform nucleus
3. 杏仁体 amygdaloid body
4. 视束 optic tract
5. 视神经(Ⅱ) optic n.(Ⅱ)
6. 漏斗 infundibulum
7. 大脑脚 cerebral peduncle
8. 脑桥 pons
9. 三叉神经(Ⅴ) trigeminal n.(Ⅴ)
10. 前庭蜗神经(Ⅷ) vestibulocochlear n.(Ⅷ)
11. 小脑中脚 middle cerebellar peduncle
12. 齿状核 dentate nucleus
13. 小脑上脚 superior cerebellar peduncle
14. 下丘 inferior colliculus
15. 内侧膝状体 medial geniculate body
16. 上丘 superior colliculus
17. 外侧膝状体 lateral geniculate body

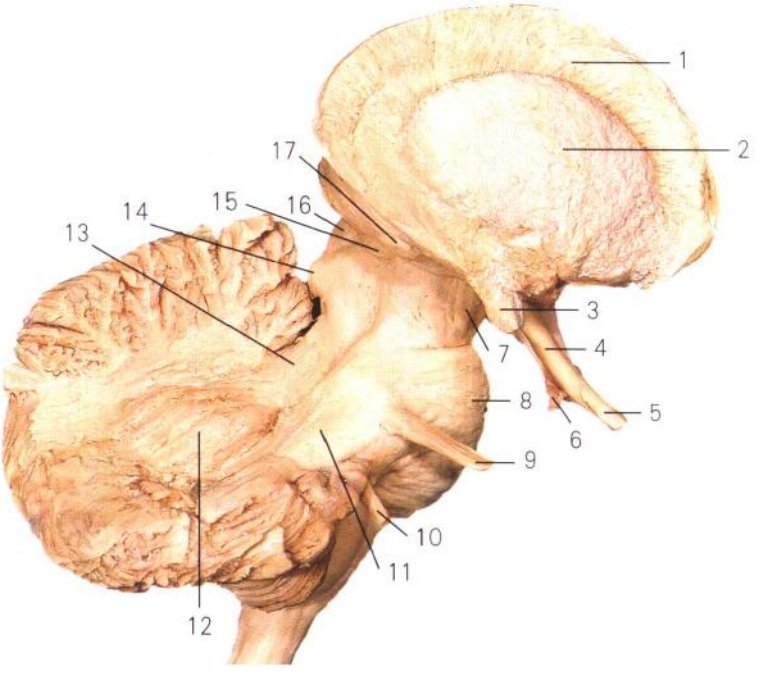


图 312 基底核和脑干
The basal nuclei and the brain stem

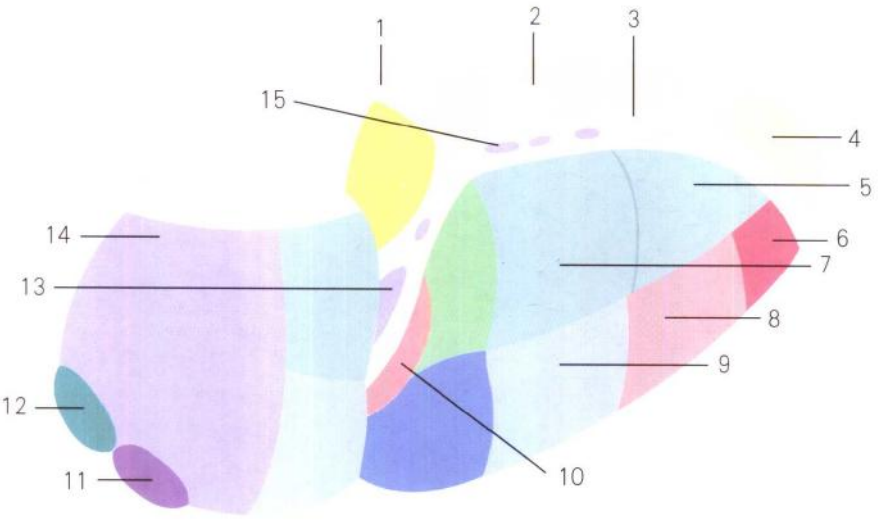


图 313　丘脑核团模式图
Diagram of the thalamic nuclei

1. 中线核群　midline nuclear group
2. 内侧背核　mediodorsal nucleus
3. 内髓板　internal medullary lamina
4. 前核　anterior nucleus
5. 外侧背核　lateral dorsal nucleus
6. 腹前核　ventral anterior nucleus
7. 外侧后核　lateral posterior nucleus
8. 腹中间核　ventral intemediate nucleus
9. 腹后外侧核　ventral posterolateral nucleus
10. 腹后内侧核　ventral posteromedial nucleus
11. 外侧膝状体　lateral geniculate body
12. 内侧膝状体　medial geniculate body
13. 中央中核　centromedian nucleus
14. 枕核　nuclei pulvinares
15. 板内核群　intralaminar nuclear group

1. 室间孔　interventricular foramen
2. 丘脑间粘合　interthalamic adhesion
3. 背内侧核　dorsomedial nucleus
4. 下丘脑沟　hypothalamic sulcus
5. 后核　posterior nucleus
6. 腹内侧核　ventromedial nucleus
7. 乳头体　mamillary body
8. 弓状核　arcuate nucleus
9. 视上核　supraoptic nucleus
10. 视交叉　optic chiasma
11. 视前内侧核　medial preoptic nucleus
12. 视前外侧核　lateral preoptic nucleus
13. 前核　anterior nucleus
14. 室旁核　paraventricular nucleus

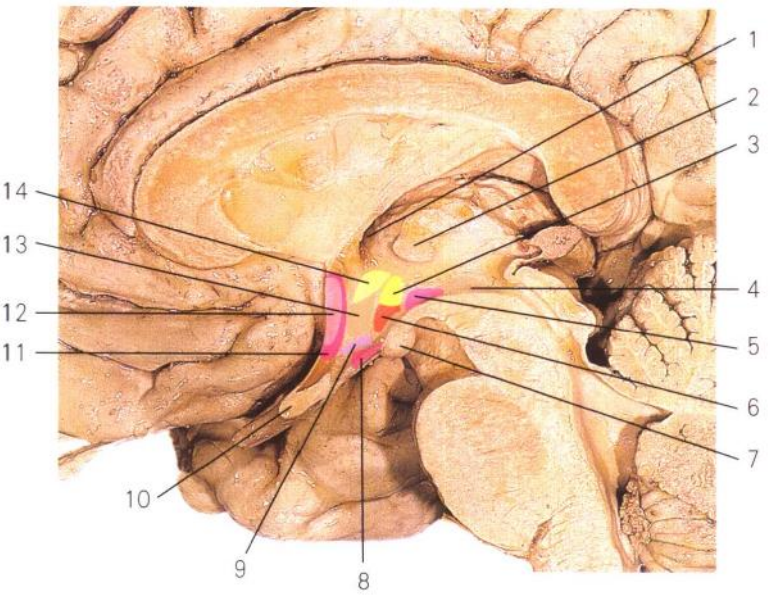
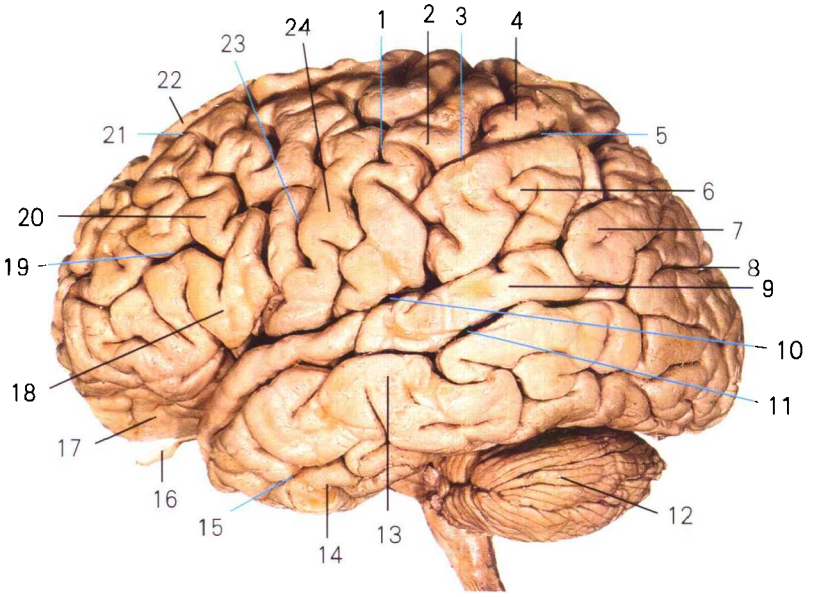


图 314　下丘脑核团模式图
Diagram of the hypothalamic nuclei



1. 中央沟 central sulcus
2. 中央后回 postcentral gyrus
3. 中央后沟 postcentral sulcus
4. 顶上小叶 superior parietal lobule
5. 顶内沟 intraparietal sulcus
6. 缘上回 supramarginal gyrus
7. 角回 angular gyrus
8. 顶枕沟 parietooccipital sulcus
9. 颞上回 superior temporal gyrus
10. 外侧沟 lateral sulcus
11. 颞上沟 superior temporal sulcus
12. 小脑 cerebellum
13. 颞中回 middle temporal gyrus
14. 颞下回 inferior temporal gyrus
15. 颞下沟 inferior temporal sulcus
16. 嗅球 olfactory bulb
17. 眶回 orbital gyri
18. 额下回 inferior frontal gyrus
19. 额下沟 inferior frontal sulcus
20. 额中回 middle frontal gyrus
21. 额上沟 superior frontal sulcus
22. 额上回 superior frontal gyrus
23. 中央前沟 precentral sulcus
24. 中央前回 precentral gyrus

图 315 脑的外侧面
Lateral surface of the brain

1. 中央旁小叶 paracentral lobule
2. 中央旁沟 paracentral sulcus
3. 扣带回 cingulate gyrus
4. 胼胝体 corpus callosum
5. 额上回 superior frontal gyrus
6. 透明隔 septum pellucidum
7. 扣带沟 cingulate sulcus
8. 室间孔 interventricular foramen
9. 丘脑间粘合 interthalamic adhesion
10. 下丘脑沟 hypothalamic sulcus
11. 乳头体 mamillary body
12. 嗅球 olfactory bulb
13. 视交叉 optic chiasma
14. 中脑水管 mesencephalic aqueduct
15. 中脑 midbrain
16. 脑桥 pons
17. 延髓 medulla oblongata
18. 小脑 cerebellum
19. 第四脑室 fourth ventricle
20. 松果体 pineal body
21. 舌回 lingual gyrus
22. 距状沟 calcarine sulcus
23. 楔叶 cuneus
24. 顶枕沟 parietooccipital sulcus
25. 楔前叶 precuneus
26. 缘支 marginal ramus

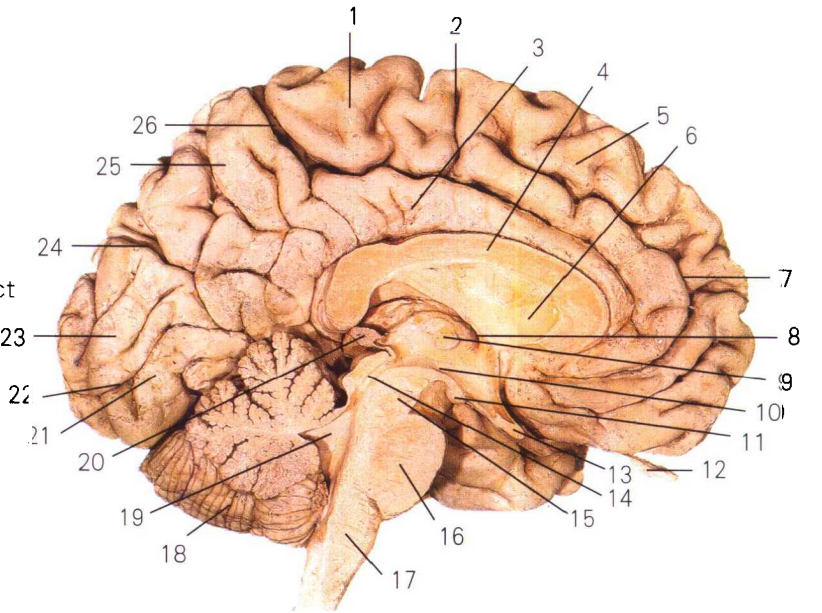


图 316 脑的正中矢状切面
Median sagittal section of the brain

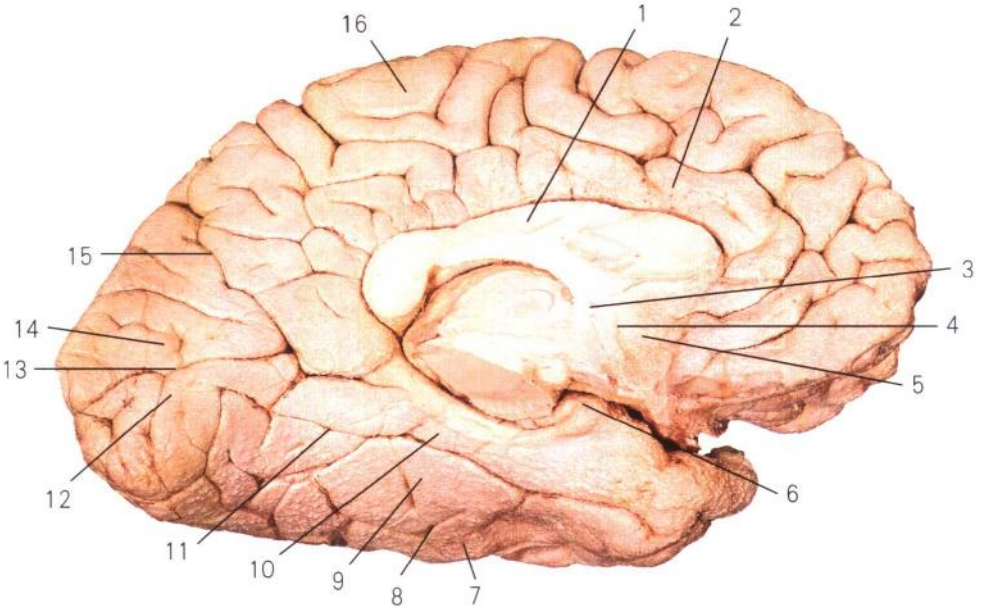
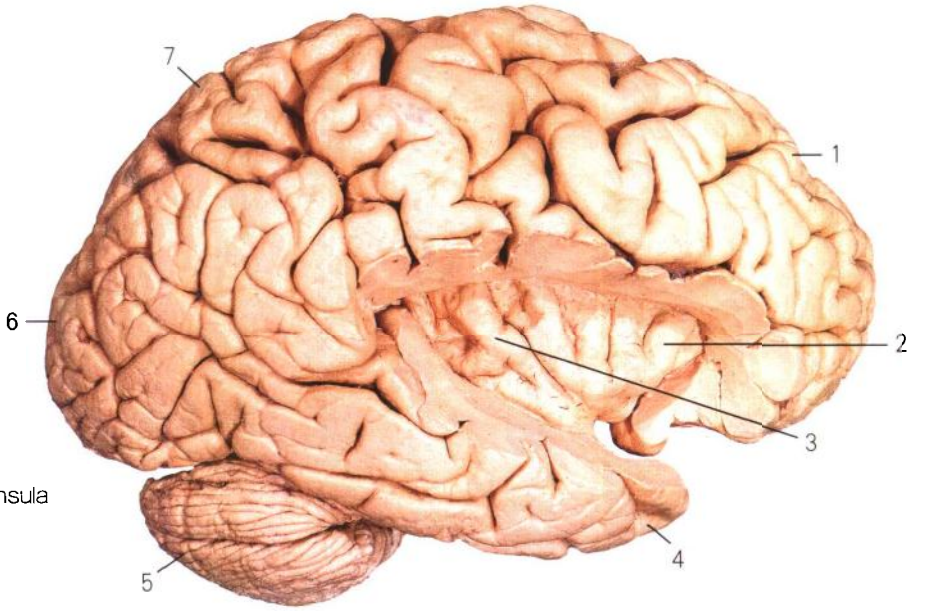


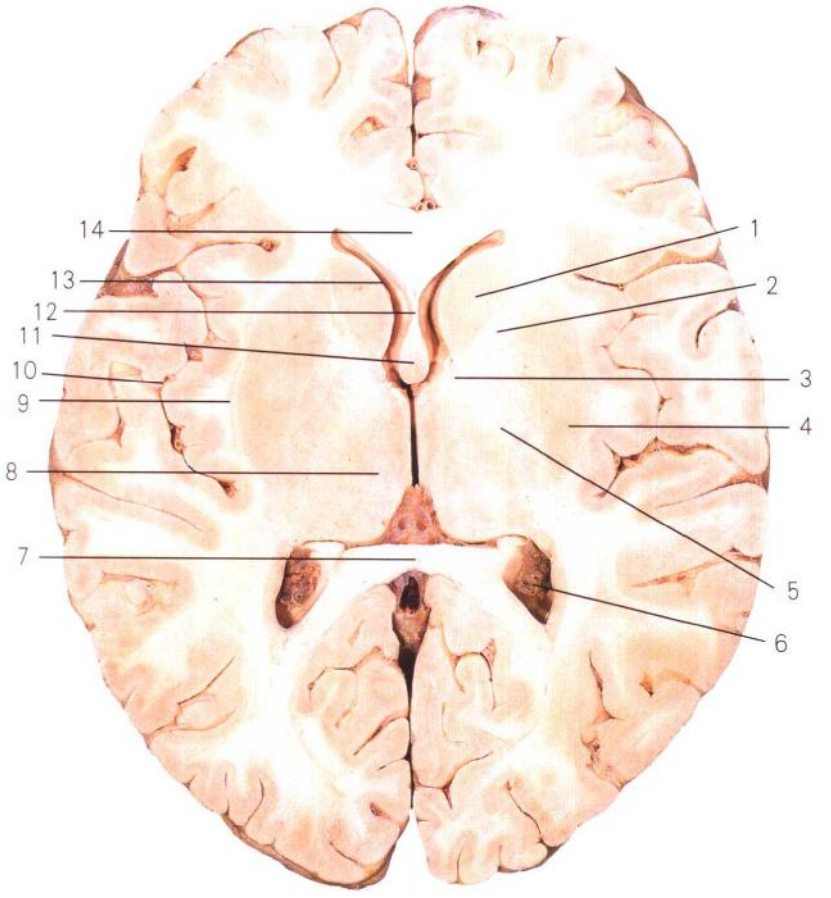
图317　大脑半球内侧面
Medial surface of the cerebral hemisphere

1. 胼胝体　corpus callosum
2. 扣带回　cingulate gyrus
3. 前连合　anterior commissure
4. 终板旁回　paraterminal gyrus
5. 胼胝体下区　subcallosal area
6. 钩　uncus
7. 枕颞外侧回　lateral occipitotemporal gyrus
8. 枕颞沟　occipitotemporal sulcus
9. 枕颞内侧回　medial occipitotemporal gyrus
10. 海马旁回　parahippocampal gyrus
11. 侧副沟　collateral sulcus
12. 舌回　lingual gyrus
13. 距状沟　calcarine sulcus
14. 楔叶　cuneus
15. 顶枕沟　parietooccipital sulcus
16. 中央旁小叶　paracentral lobule



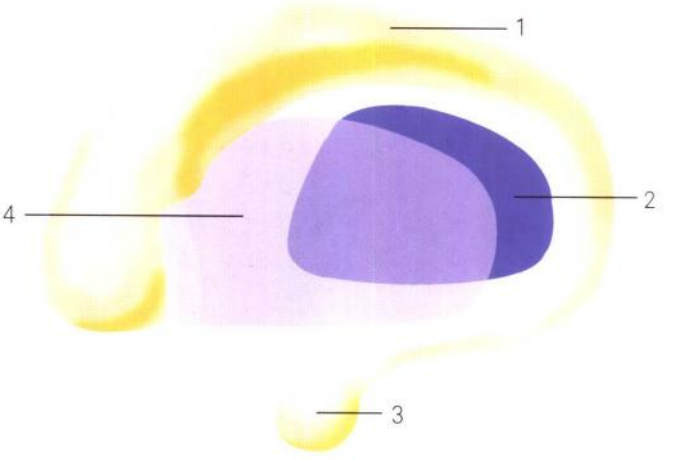
1. 额叶　frontal lobe
2. 岛短回　short gyrus of insula
3. 岛长回　long gyrus of insula
4. 颞叶　temporal lobe
5. 小脑　cerebellum
6. 枕叶　occipital lobe
7. 顶叶　parietal lobe

图318　脑岛
The insula



1. 尾状核头 Head of caudate nucleus
2. 内囊前肢 anterior limb of internal capsule
3. 内囊膝 genu of internal capsule
4. 豆状核 lentiform nucleus
5. 内囊后肢 posterior limb of internal capsule
6. 后角 posterior horn
7. 胼胝体压部 splenium of corpus callosum
8. 丘脑 thalamus
9. 屏状核 claustrum
10. 脑岛 insula
11. 穹窿柱 column of fornix
12. 透明隔 septum pellucidum
13. 前角 anterior horn
14. 胼胝体膝 genu of corpus callosum

图 319 脑的水平切面
Horizontal section of the brain



1. 尾状核 caudate nucleus
2. 背侧丘脑 dorsal thalamus
3. 杏仁体 amygdaloid body
4. 豆状核 lentiform nucleus

图 320 基底神经核
The basal nuclei

1. 尾状核　caudate nucleus
2. 内囊　internal capsule
3. 豆状核　lentiform nucleus
4. 脑岛　insula
5. 第三脑室　third ventricle
6. 背侧丘脑　dorsal thalamus
7. 苍白球　globus pallidus
8. 壳　putamen
9. 屏状核　claustrum
10. 穹窿　fornix
11. 透明隔　septum pellucidum
12. 侧脑室　lateral ventricle
13. 胼胝体　corpus callosum

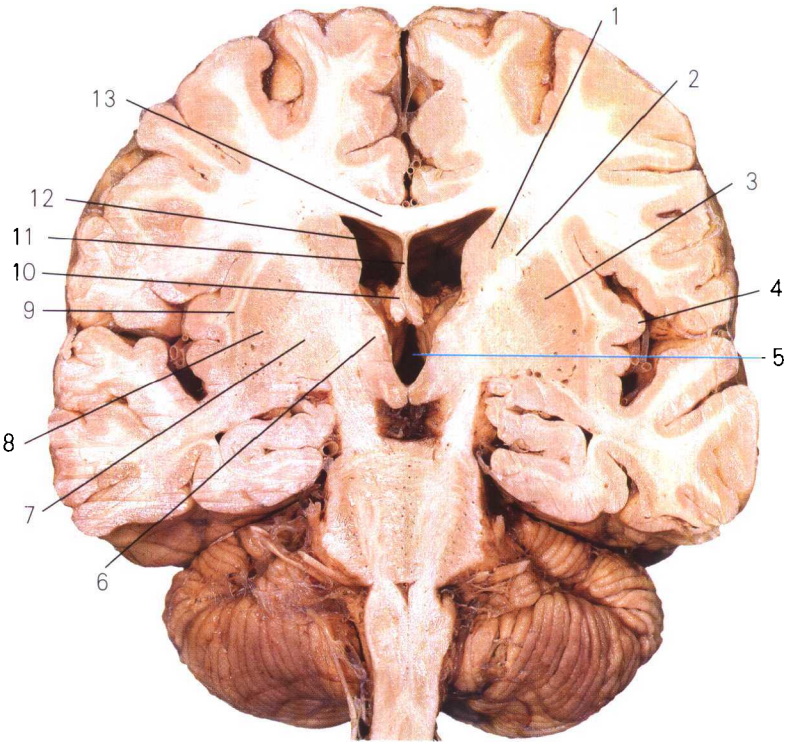
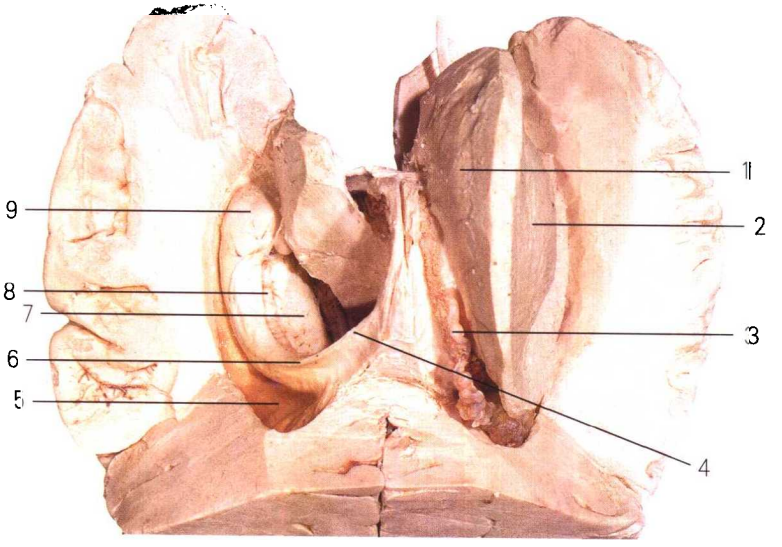


图 321　脑的冠状切面
Coronal section of the brain



1. 尾状核　caudate nucleus
2. 豆状核　lentiform nucleus
3. 侧脑脉络丛　choroid plexus of lateral ventricle
4. 穹窿脚　crus of fornix
5. 侧副三角　collateral trigone
6. 海马伞　fimbria of hippocampus
7. 海马旁回　parahippocampal gyrus
8. 齿状回　dentate gyrus
9. 海马　hippocampus

图 322　侧脑室下角
Inferior horn of lateral ventricle

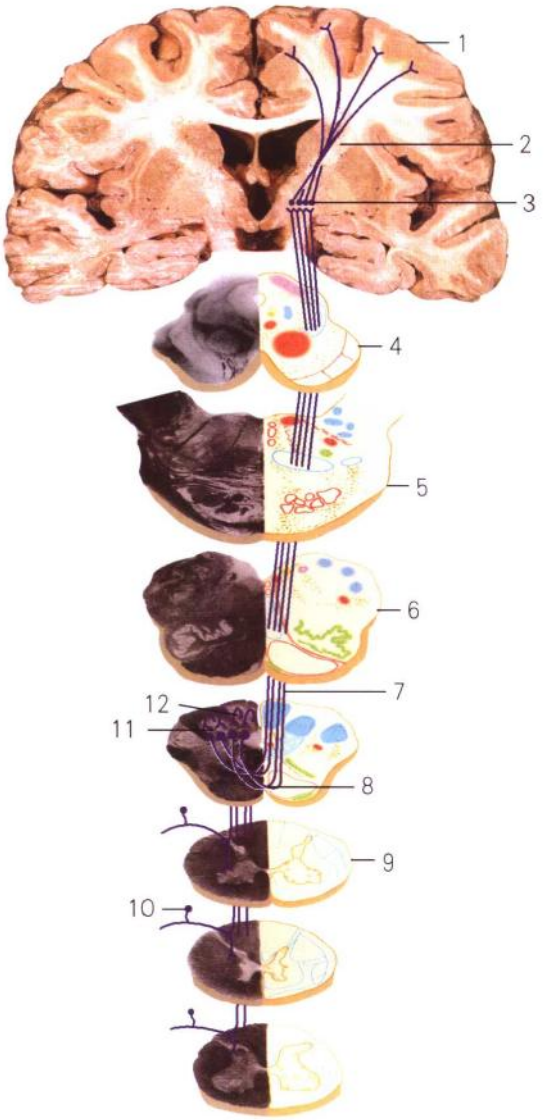


图 323　本体感觉传导道
Pathway of the proprioceptive sensibility

1. 中央后回　postcentral gyrus
2. 内囊　internal capsule
3. 腹后外侧核　ventral posterolateral nucleus
4. 中脑　midbrain
5. 脑桥　pons
6. 延髓　medulla oblongata
7. 内侧丘系　medial lemniscus
8. 内侧丘系交叉　decussation of medial lemniscus
9. 脊髓　spinal cord
10. 脊神经节　spinal ganglion
11. 楔束核　cuneate nucleus
12. 薄束核　gracile nucleus

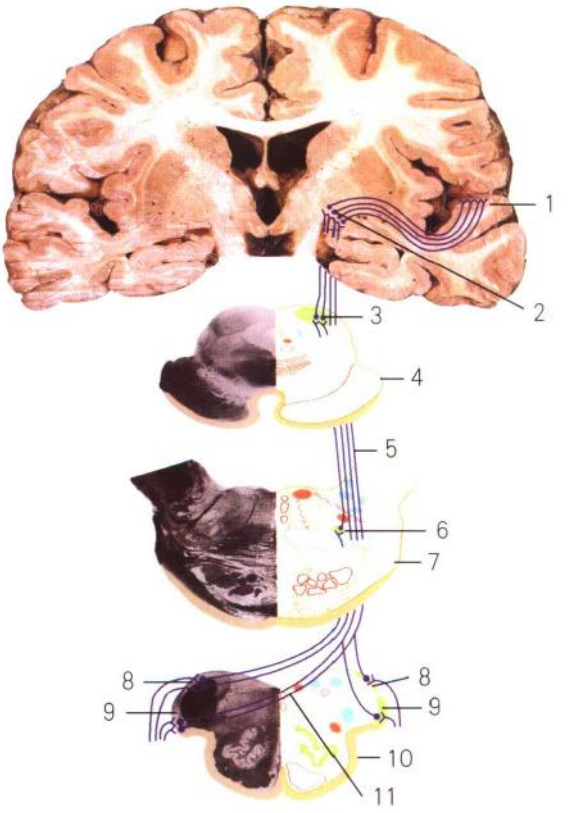
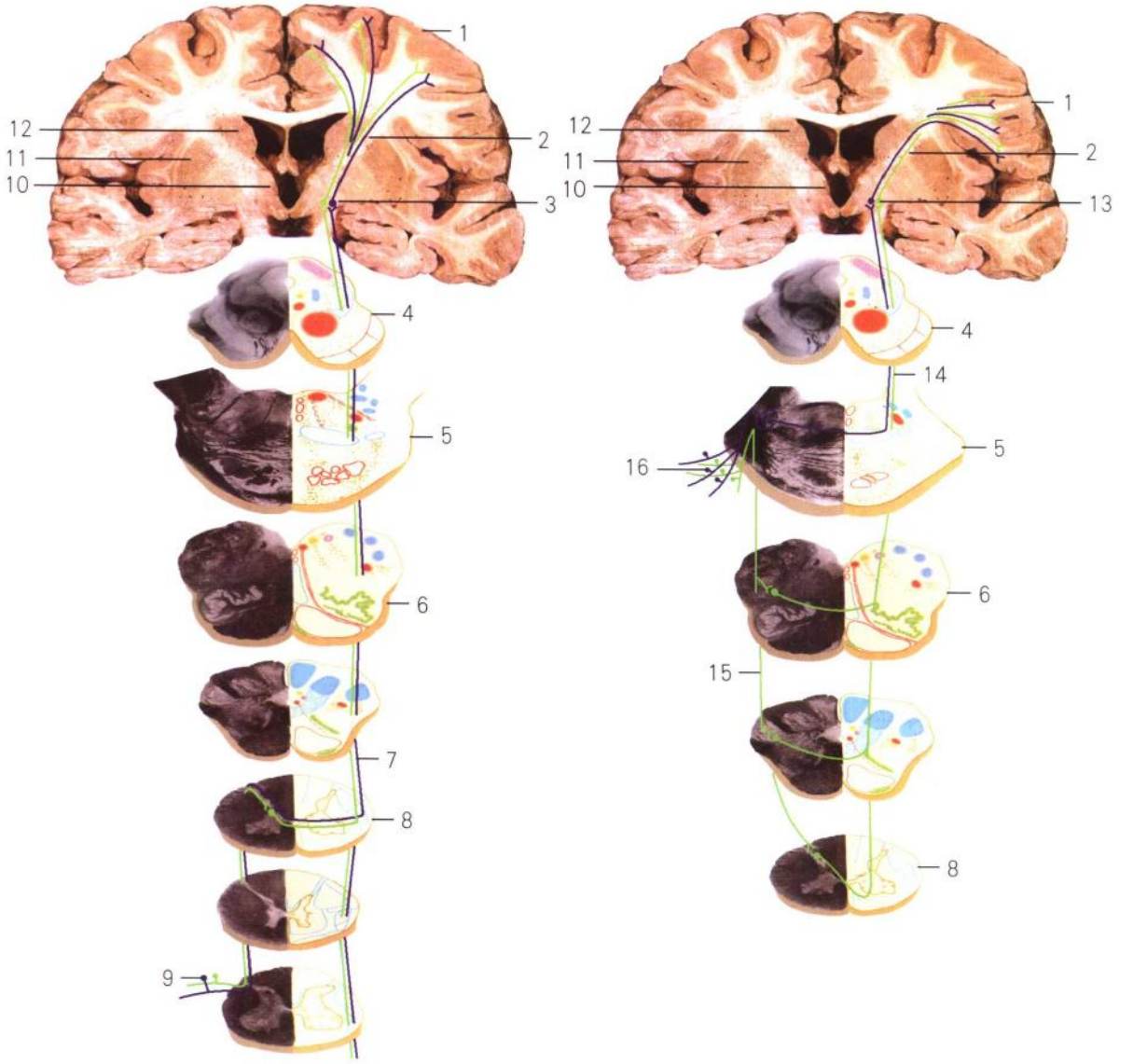


图 324　听觉传导道
The auditory pathway

1. 颞横回　transverse temporal gyri
2. 内侧膝状体　medial geniculate body
3. 下丘核　nucleus of inferior colliculus
4. 中脑　midbrain
5. 外侧丘系　lateral lemniscus
6. 上橄榄核　superior olivary nucleus
7. 脑桥　pons
8. 蜗背侧核　dorsal cochlear nucleus
9. 蜗腹侧核　ventral cochlear nucleus
10. 延髓　medulla oblongata
11. 斜方体　trapezoid body

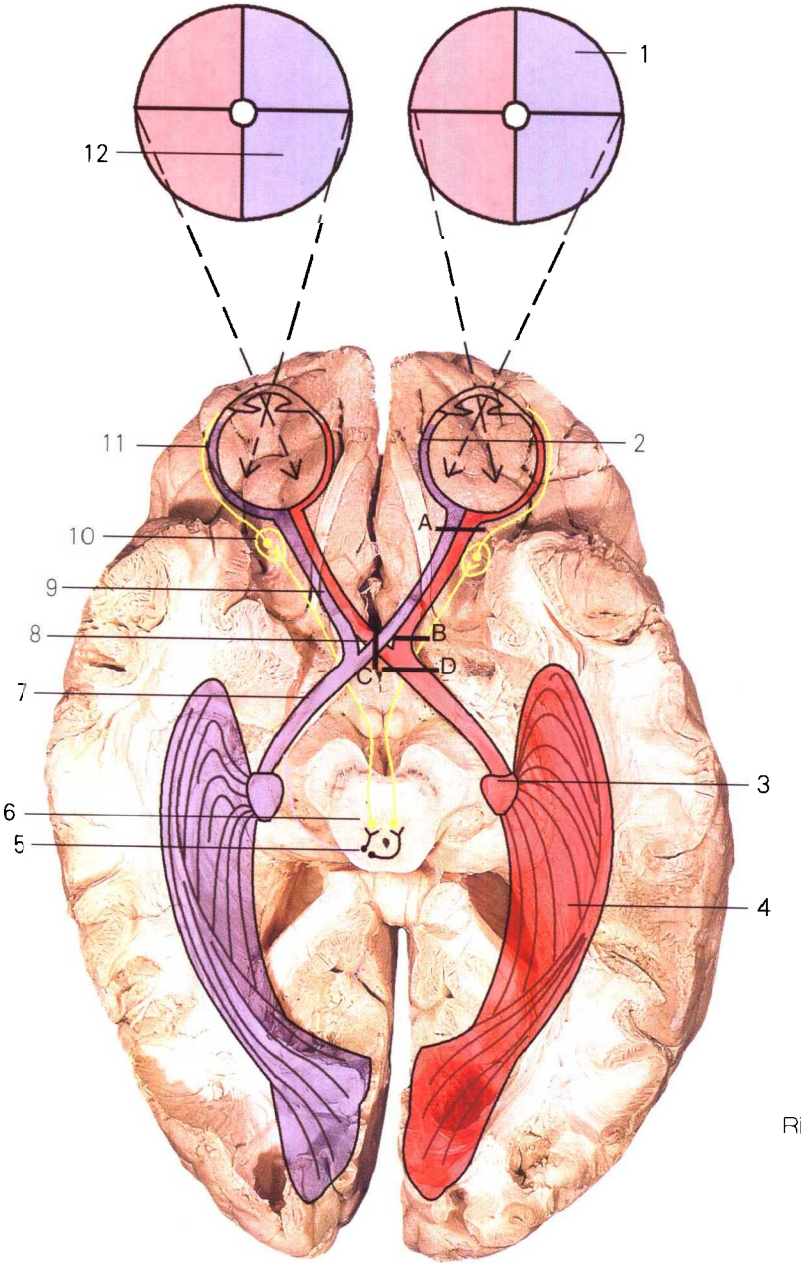


A. 脊髓丘系
Spinal lemniscus

B. 三叉丘系
Trigeminal lemniscus

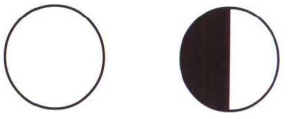
图 325　浅感觉传导道 (A、B)
Pathway of the exteroceptive sensibility(A,B)

1. 中央后回　postcentral gyrus
2. 内囊　internal capsule
3. 腹后外侧核　ventral posterolateral nucleus
4. 中脑　midbrain
5. 脑桥　pons
6. 延髓　medulla oblongata
7. 脊髓丘脑束　spinothalamic tract
8. 脊髓　spinal cord
9. 脊神经节　spinal ganglion
10. 背侧丘脑　dorsal thalamus
11. 豆状核　lentiform nucleus
12. 尾状核　caudate nucleus
13. 腹后内侧核　ventral posteromedial nucleus
14. 三叉丘系　trigeminal lemniscus
15. 三叉神经脊束　spinal tract of trigeminal n.
16. 三叉神经节　trigeminal ganglion





A. 左眼全盲
Total blindness of left eye



B. 左眼鼻侧偏盲
Left nasal hemianopsia



C. 双眼颞侧偏盲
Bitemporal heteronymous hemianopsia



D. 双眼右侧偏盲
Right homonymous hemianopsia

图 326　视觉传导道(下面观)
The visual pathway(inferior aspect)

1. 颞侧视野　temporal visual field
2. 鼻侧视网膜　nasal retina
3. 外侧膝状体　lateral geniculate body
4. 视辐射　optic radiation
5. 顶盖前区　pretectal area
6. 动眼神经副核　accessory nucleus of oculomotor n.
7. 视束　optic tract
8. 视交叉　optic chiasma
9. 视神经(Ⅱ)　optic n.(Ⅱ)
10. 睫状神经节 ciliary ganglion
11. 颞侧视网膜　temporal retina
12. 鼻侧视野　nasal visual field

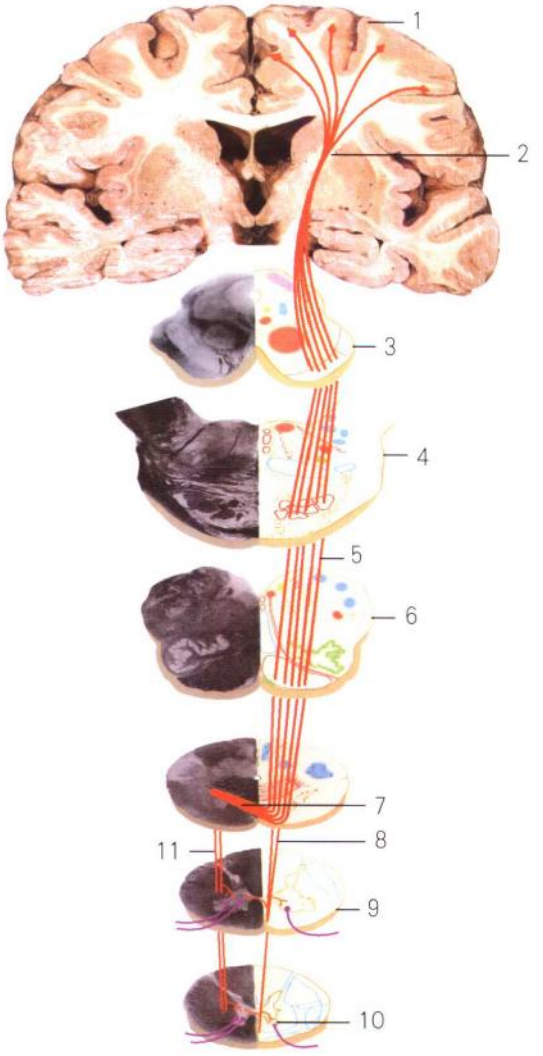


图 327　锥体系(皮质脊髓束)
Pyramidal system(cortiospinal tracts)

1. 中央前回　precentral gyrus
2. 内囊　intemal capsule
3. 中脑　midbrain
4. 脑桥　pons
5. 皮质脊髓束　cortiospinal tracts
6. 延髓　medulla oblongata
7. 锥体交叉　decussation of pyramid
8. 皮质脊髓前束　anterior corticospinal tract
9. 脊髓　spinal cord
10. 前角　anterior horn
11. 皮质脊髓侧束　lateral corticospinal tract

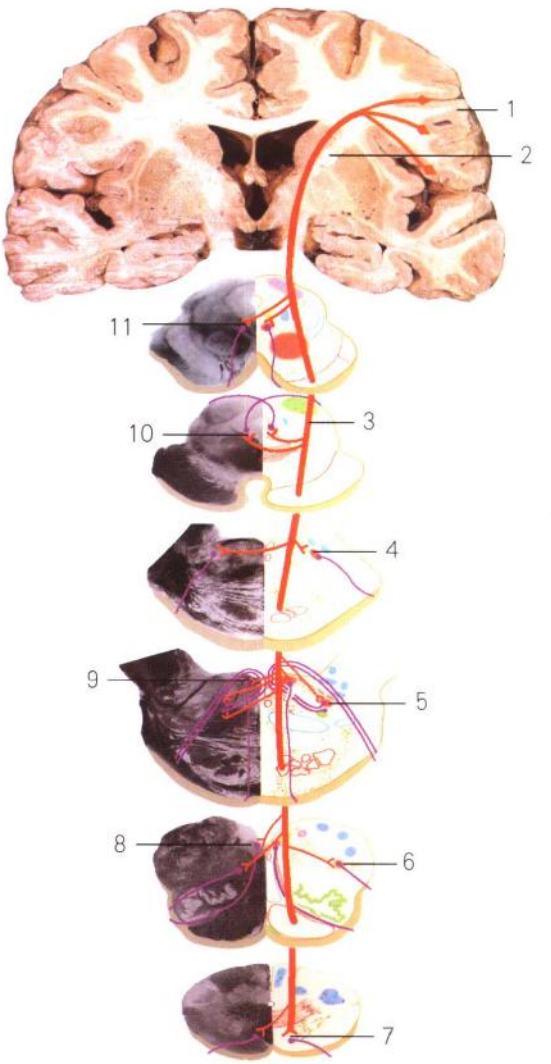
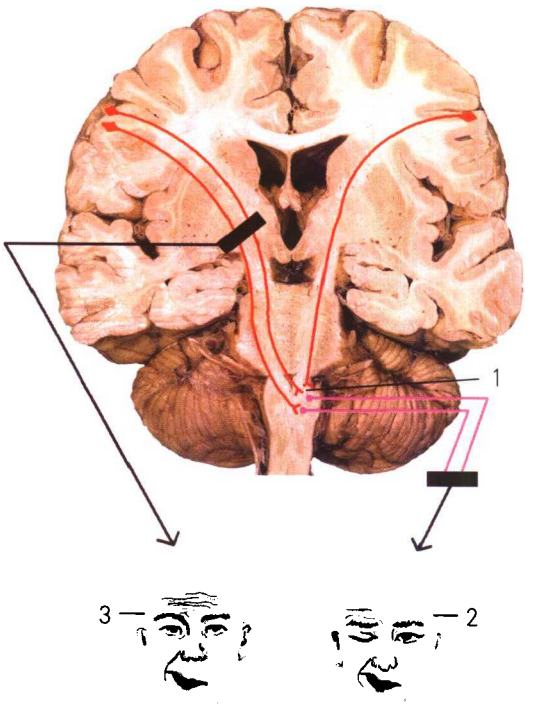


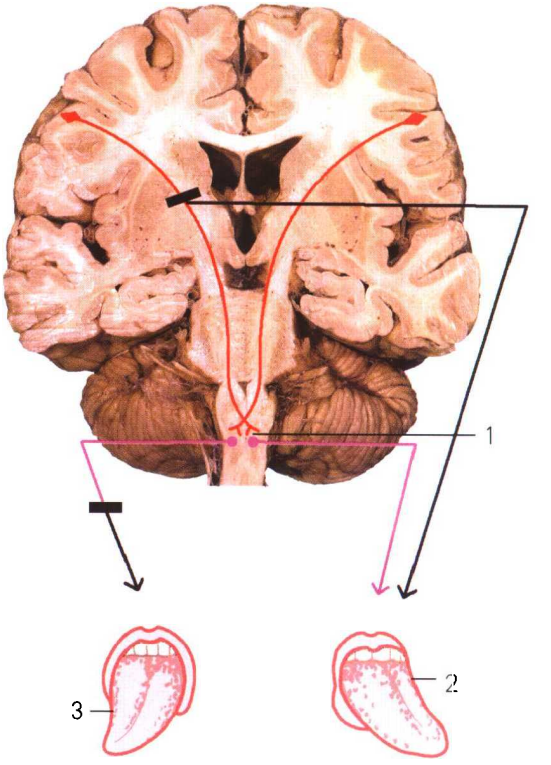
图 328　锥体系(皮质核束)
Pyramidal system(corticonuclear tract)

1. 中央前回　precentral gyrus
2. 内囊　internal capsule
3. 皮质核束　corticonuclear tract
4. 三叉神经运动核　motor nucleus of trigeminal n.
5. 面神经核　nucleus of facial n.
6. 疑核　nucleus ambiguus
7. 副神经核　nucleus of accessory n.
8. 舌下神经核　nucleus of hypoglossal n.
9. 展神经核　nucleus of abducent n.
10. 滑车神经核　nucleus of trochlear n.
11. 动眼神经核　nucleus of oculomotor n.



1. 面神经核　nucleus of facial n.
2. 面神经核下瘫　infranuclear paralysis
3. 面神经核上瘫　supranuclear paralysis

图 329　面神经瘫
Paralysis of the facial nerve



1. 舌下神经核　nucleus of hypoglossal n.
2. 舌下神经核上瘫　supranuclear paralysis
3. 舌下神经核下瘫　infranuclear paralysis

图 330　舌下神经瘫
Paralysis of the hypoglossal nerve

1. 大脑皮质 cerebral cortex
2. 豆状核 lentiform nucleus
3. 底丘脑核 subthalamic nucleus
4. 中脑 midbrain
5. 网状结构 reticular formation
6. 延髓 medulla oblongata
7. 脊髓 spinal cord
8. 前角 anterior horn
9. 背侧丘脑 dorsal thalamus
10. 尾状核 caudate nucleus

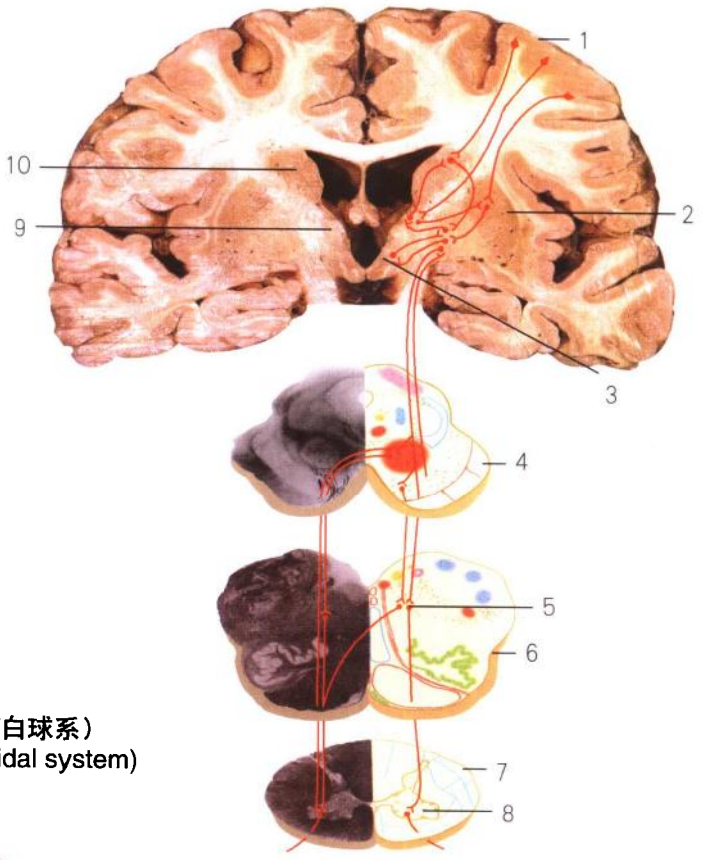
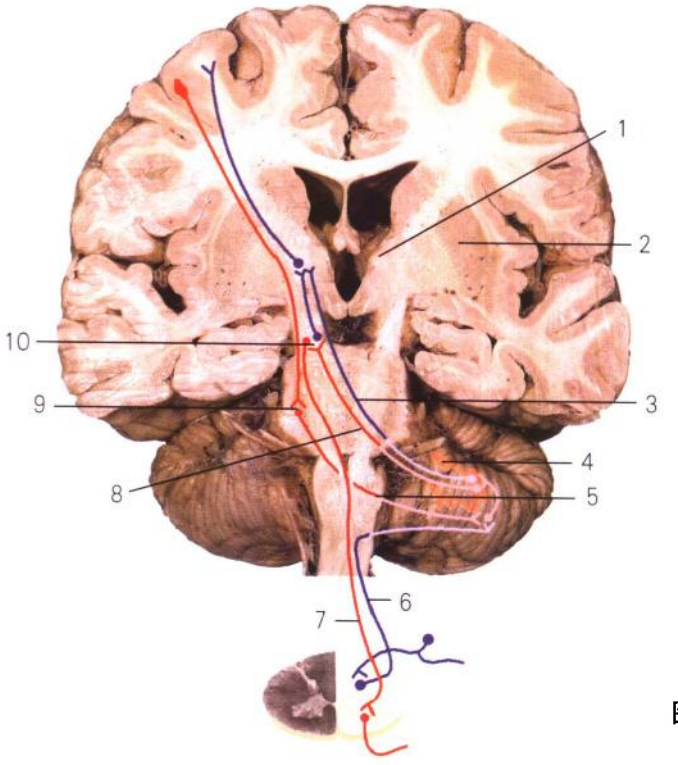


图 331 锥体外系(纹状体苍白球系)
Extrapyramidal system(striopallidal system)



1. 背侧丘脑 dosal thalamus
2. 豆状核 lentiform nucleus
3. 齿状丘脑束 dentatothalamic tract
4. 齿状核 dentate nucleus
5. 脑桥小脑束 pontocerebellar tract
6. 脊髓小脑后束 posterior spinocerebellar tract
7. 红核脊髓束 rubrospinal tract
8. 齿状红核束 dentatorubral tract
9. 脑桥核 pontine nuclei
10. 红核 red nucleus

图 332 锥体外系(皮质脑桥小脑系)
Extrapyramidal system(corticopontocerebellar system)

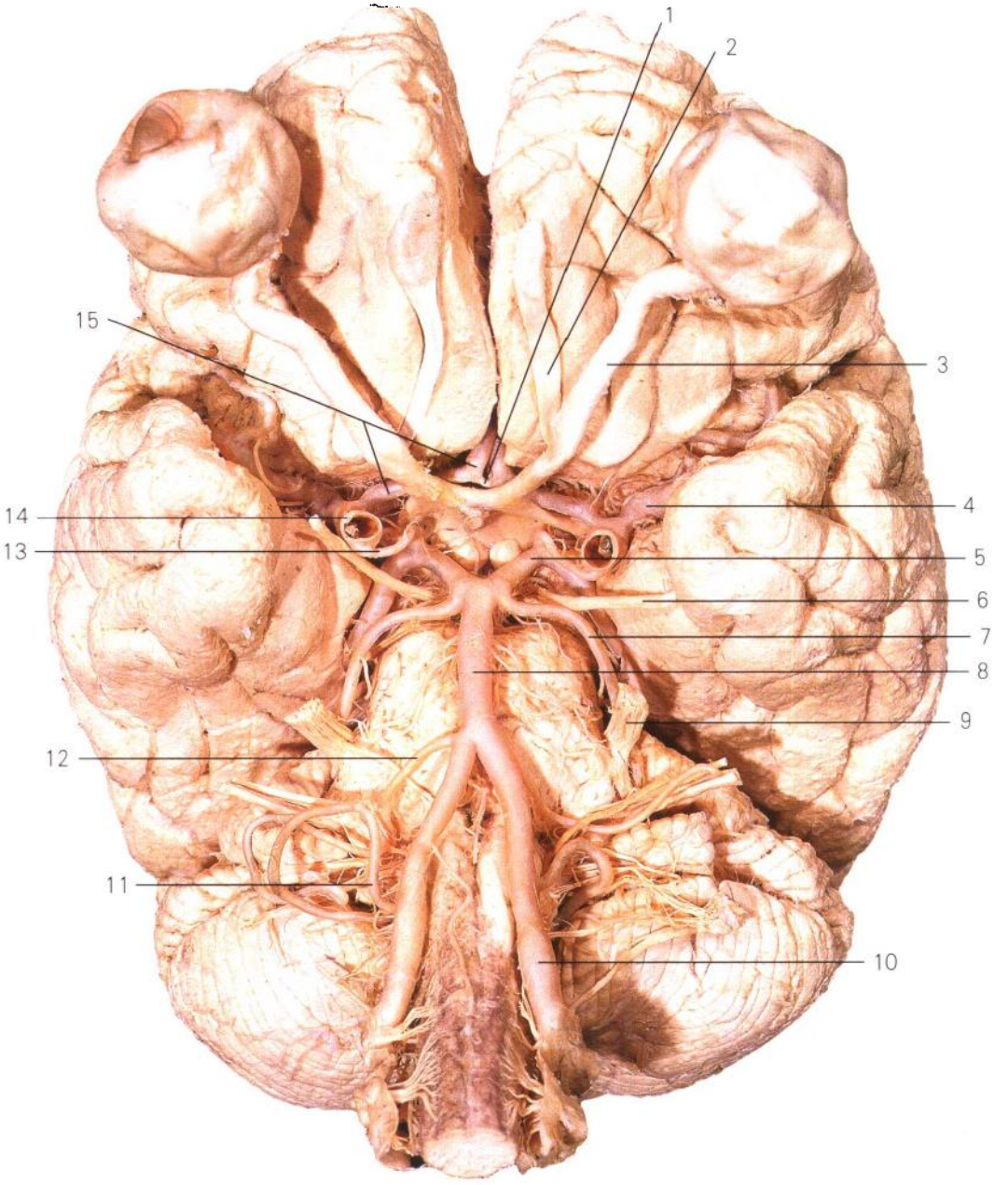


图 333　脑底的动脉
Arteries at the base of brain

1. 前交通动脉　anterior communicating a.
2. 嗅束　olfactory tract
3. 视神经(Ⅱ)　optic n.(Ⅱ)
4. 大脑中动脉　middle cerebral a.
5. 大脑后动脉　posterior cerebral a.
6. 动眼神经(Ⅲ)　oculomotor n.(Ⅲ)
7. 小脑上动脉　superior cerebellar a.
8. 基底动脉　basilar a.
9. 三叉神经(Ⅴ)　trigeminal n.(Ⅴ)
10. 椎动脉　vertebral a.
11. 小脑后下动脉　posterior inferior cerebellar a.
12. 小脑前下动脉　anterior inferior cerebellar a.
13. 后交通动脉　posterior communicating a.
14. 颈内动脉　internal carotid a.
15. 大脑前动脉　anterior cerebral a.

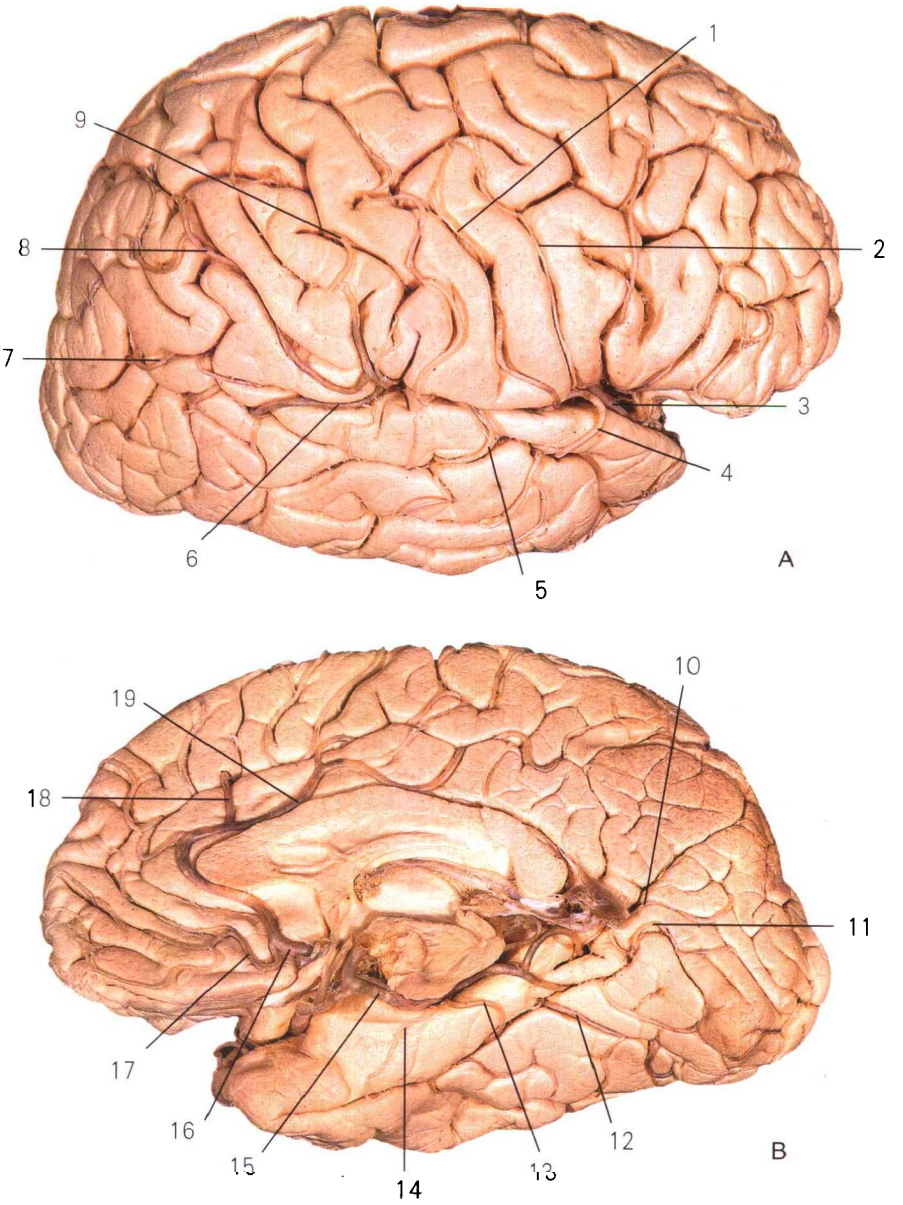
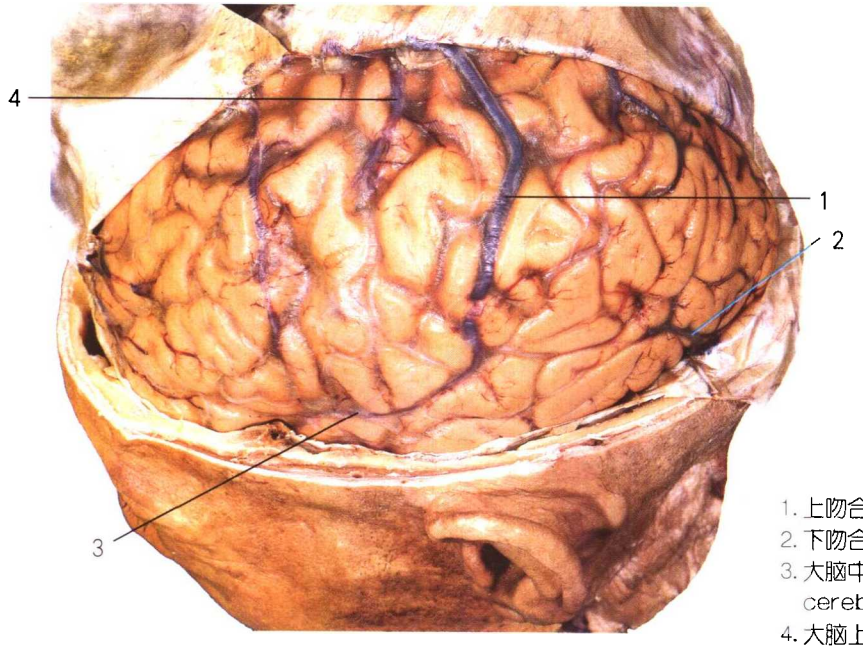


图 334 大脑半球的动脉(A. 外侧面，B. 内侧面)
Arteries of the cerebral hemisphere(A.lateral surface,B.medial surface)

1. 中央沟动脉 a. of central sulcus
2. 中央前沟动脉 a. of precentral sulcus
3. 大脑中动脉 middle cerebral a.
4. 颞前动脉 anterior temporal a.
5. 颞中动脉 middle temporal a.
6. 颞后动脉 posterior temporal a.
7. 角回动脉 a. of angular gyrus
8. 顶后动脉 posterior parietal artery
9. 中央后沟动脉 a. of postcentral sulcus
10. 顶枕支 parietooccipital branch
11. 距状沟支 calcarine branch
12. 颞后支 posterior temporal branches
13. 颞中间支 intermediate temporal branches
14. 颞前支 anterior temporal branches
15. 大脑后动脉 posterior cerebral a.
16. 大脑前动脉 anterior cerebral a.
17. 额极动脉 frontopolar a.
18. 胼缘动脉 callosomarginal a.
19. 胼胝体周动脉 pericallosal a.



1. 上吻合静脉 superior anastomotic v.
2. 下吻合静脉 inferior anastomotic v.
3. 大脑中浅静脉 superficial middle cerebral v.
4. 大脑上静脉 superior cerebral v.

图 335 大脑半球外侧面的静脉
Veins of the lateral surface of cerebral hemisphere

1. 大脑中动脉 middle cerebral a.
2. 大脑内静脉 internal cerebral v.
3. 大脑大静脉 great cerebral v.
4. 直窦 rectus sinuss
5. 小脑幕 tentorium of cerebellum
6. 大脑后动脉 posterior cerebral a.
7. 侧脑室脉络丛 choroid plexus of lateral ventricle

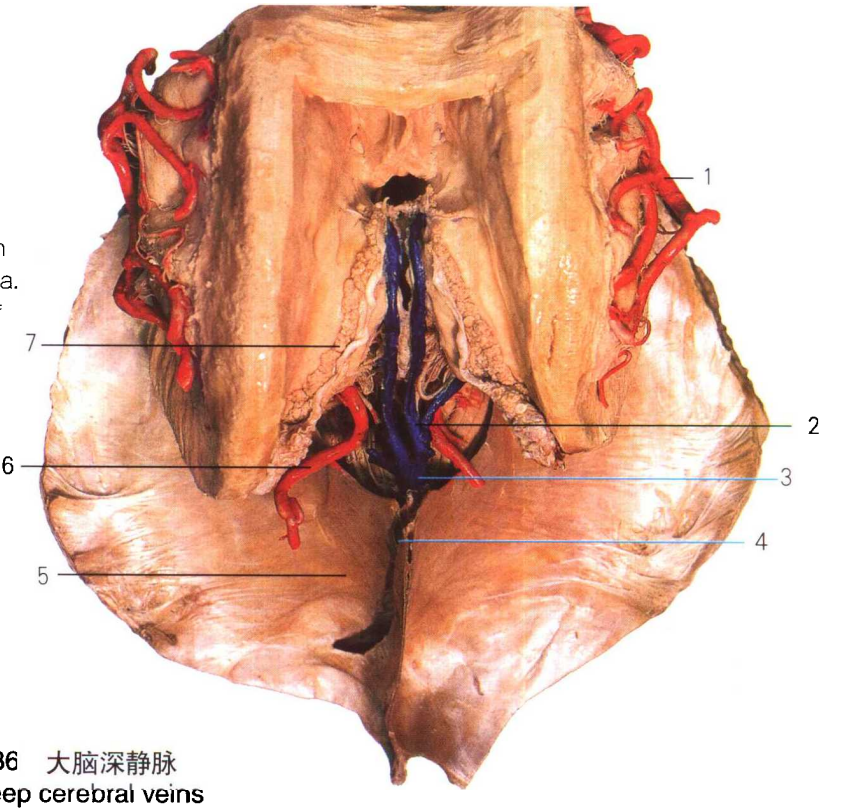
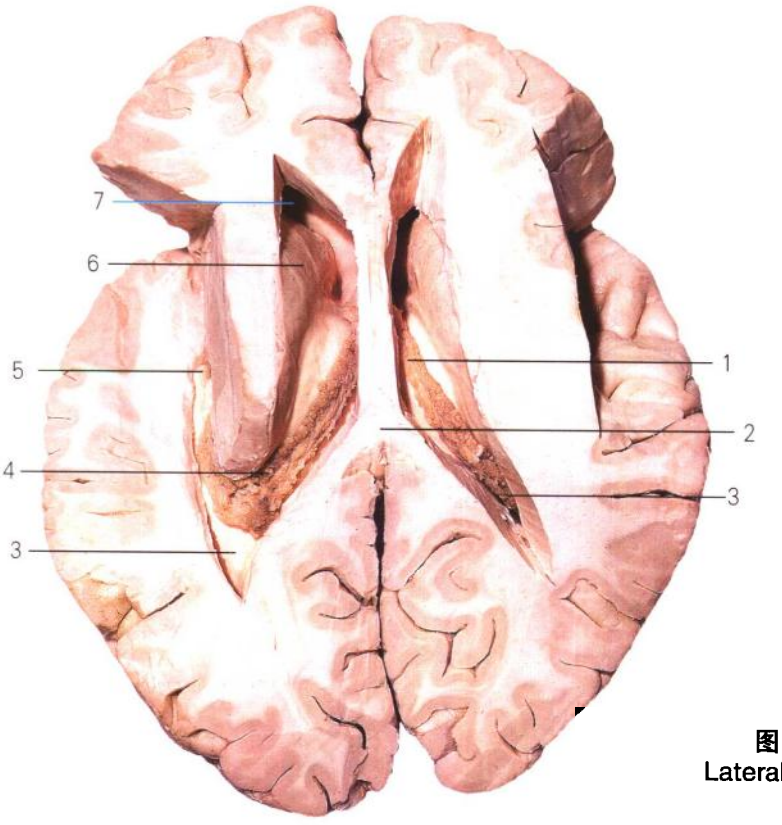
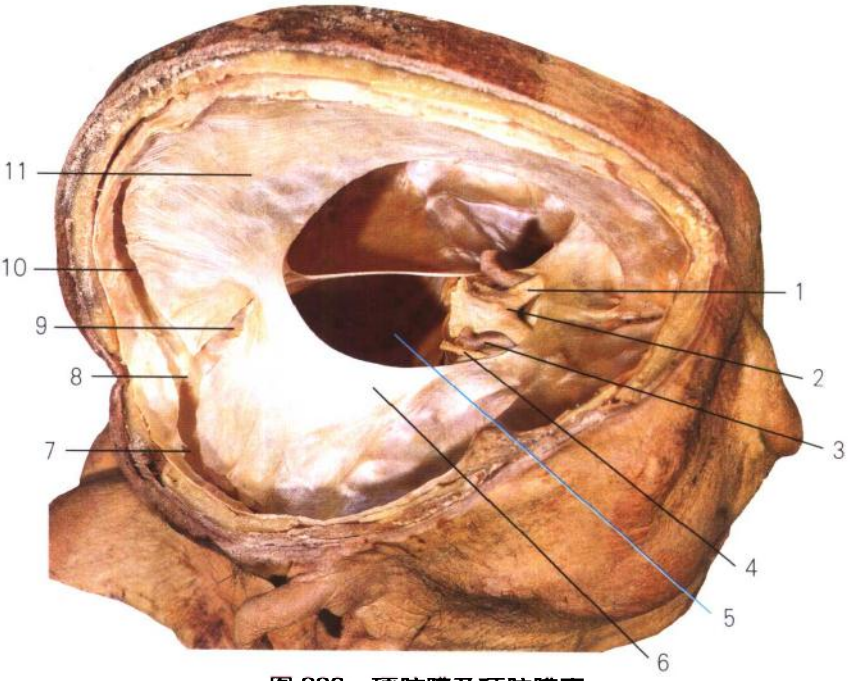


图 336 大脑深静脉
The deep cerebral veins



1. 侧脑室中央部　central part of lateral ventricle
2. 胼胝体压部　splenium of corpus callosum
3. 侧脑室后角　posterior horn of lateral ventricle
4. 侧脑室脉络丛　choroid plexus of lateral ventricel
5. 海马　hippocampus
6. 尾状核头　head of caudate nucleus
7. 侧脑室前角　anterior horn of lateral ventricle

图 337　侧脑室(上面观)
Lateral ventricle(superior aspect)



1. 视神经(Ⅱ)　optic n.(Ⅱ)
2. 视交叉　optic chiasma
3. 颈内动脉　internal carotid a.
4. 动眼神经(Ⅲ)　oculomtor n.(Ⅲ)
5. 幕切迹　tentorial incisure
6. 小脑幕　tentorium of cerebellum
7. 横窦　transverse sinus
8. 窦汇　confluence of sinuses
9. 直窦　straight sinus
10. 上矢状窦　superior sagittal sinus
11. 大脑镰　cerebral falx

图 338　硬脑膜及硬脑膜窦
Cerebral dura mater and sinuses of dura mater

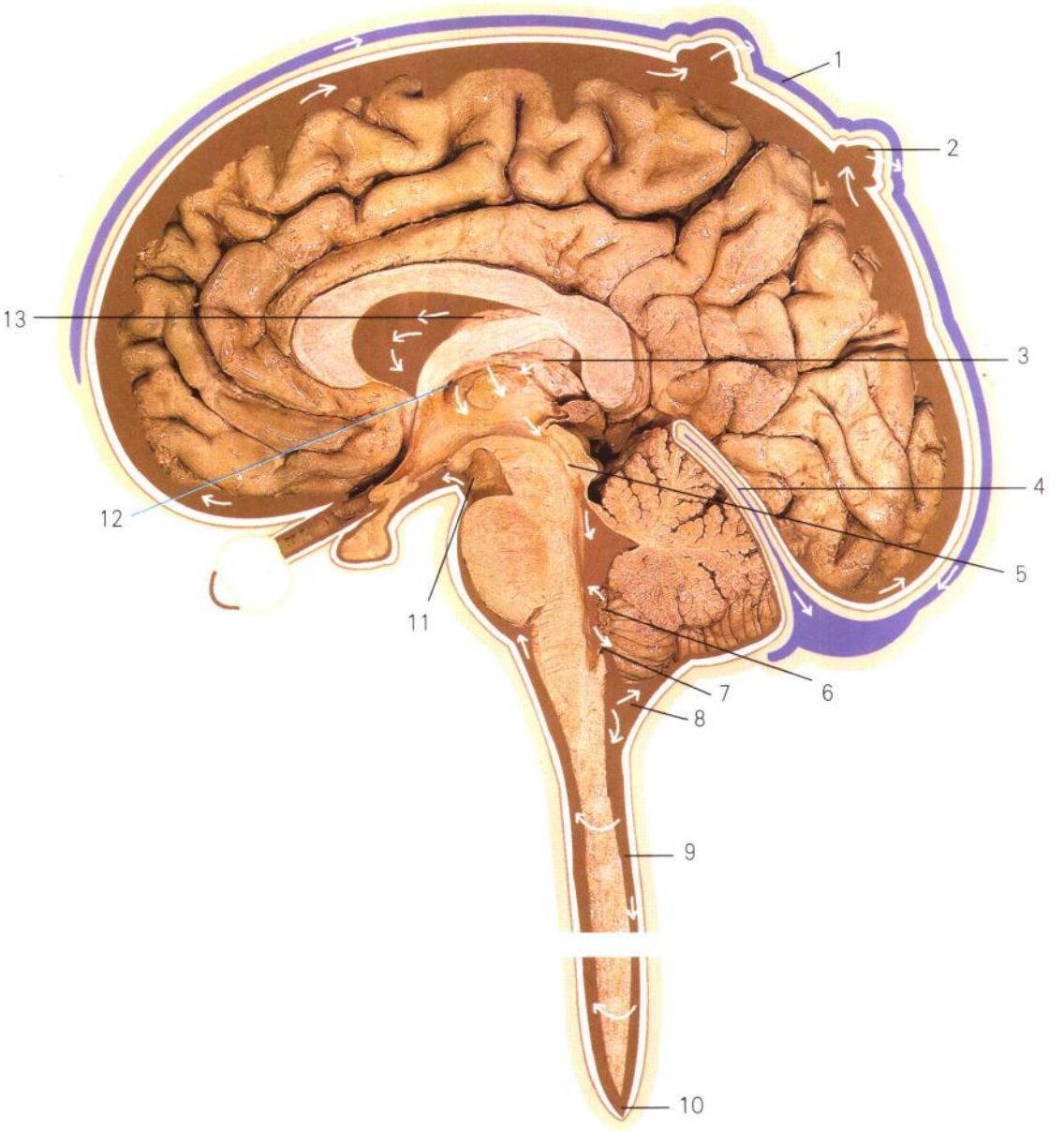


图 339　脑脊液循环模式图
Diagram of cerebrospinal fluid circulation

1. 上矢状窦　superior sagittal sinus
2. 蛛网膜粒　arachnoid granulations
3. 第三脑室脉络丛　choroid plexus of third ventricle
4. 直窦　straight sinus
5. 中脑导水管　mesencephalic aqueduct
6. 第四脑室脉络丛　choroid plexus of fourth ventrcle
7. 第四脑室正中孔　median aperture of fourth ventricle
8. 小脑延髓池　cerebellomedullary cistern
9. 蛛网膜下腔　subarachnoid space
10. 终池　terminal cistern
11. 脚间池　interpeduncular cistern
12. 室间孔　interventricular foramen
13. 侧脑室脉络丛　choroid plexus of lateral ventricle

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