

颅 脑 颈 部 局部解剖彩色图谱

主 编 段坤昌 王振宇 李庆生
主 审 王忠诚

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颅脑颈部 局部解剖 彩色图谱

**The colour atlas of the regional anatomy of the skull, the
brain and the neck**

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应

段坤昌老师之邀为书写序，给了我再次温习颅颈解剖的机会，欣然从之，难说作序。新的技术层出不穷，但解剖知识仍是临床医学发展的基本保障，良好的解剖基础可以增加手术的保险系数，开拓手术思路和创新手术入路。解放初期，国内的教学条件很差，我们曾清理过坟墓以获取骨骼标本，但随着条件的改善，各医学院校和临床研究所成立了解剖教研室，专门从事与教学和临床相关的解剖研究，积累了大量的珍贵资料。

《颅脑颈部局部解剖彩色图谱》是一部内容丰实的解剖图谱，倾注了作者十几年的劳动和辛苦，标识准确，图文并茂，层次清晰，一目了然，可使读者在较短的时间内获取最大量的解剖信息。系统和局部相结合，涉及头颈各个临床学科应用。颅骨解剖从整体到构成，从成人到婴幼儿，从正常到病理，实属难得；颅内解剖则涵盖硬膜到脑室、大脑和小脑、脑干和脊髓、皮层和纤维、血管和神经，尤其是断面解剖可帮助读者很好地理解影像学应用；头面部解剖和颈部局解在展示作者精湛解剖技术的同时，系统、直观显露了面颈部骨骼、肌肉、神经、血管和淋巴间关系。这些知识若能为临床医生所用，融会贯通，举一反三，以解剖图片引导解剖理论，必将触类旁通，游刃有余。

中国工程院院士

王忠诚

2014年10月

脑

给人以智慧和灵魂，五官赋予人美丽的容颜，拥有它们也就拥有了智慧和美丽，因此头颈部在整个人体中的重要地位不言而喻。头颈部汇集了五官和脑，其局部病变复杂多样，加之局部形态结构错综复杂，即便是微小结构的损伤，处理不当也可能导致容貌的损坏，甚至危及到生命。因此这一局部的病变常常给临床医务工作者诊治头颈部疾患带来很多棘手的难题。要做到熟识这一局部的解剖结构，能在错综复杂而又微小的形态结构中理清头绪，自我驾驭，是成为优秀的神经外科、颅底外科、眼耳鼻咽喉学科或颜面美容学科的临床工作者的关键。为此，许多基础医学和临床医务工作者在此领域进行了大量的解剖学研究，为该领域的发展奠定了坚实的理论基础。然而，作为形态学科对于事物的深刻认知主要源于感性认识，但目前在此领域国内外尚缺少真实的实物解剖图谱，这对于形态学科而言不能不说是一缺憾。基于此点，我们编著了这本《颅脑颈部局部解剖彩色图谱》。我们本着从应用解剖学基础的角度出发，将系统解剖学与局部解剖学互相融合，既系统地展示颅脑和颈部的器官及结构的形态特征；又深入细致地显露各局部结构的层次、毗邻及其与整体的关系，力求能为从事脑神经外科、颜面美容等专业的医师及解剖工作者和研究生、本科生学习掌握颅脑颈部解剖学知识，提供一本有价值的工具书。

《颅脑颈部局部解剖彩色图谱》是以作者在多年解剖学教学、科研工作中积累的数千件头颈部尸体解剖标本为素材，吸取国内外大量临床应用解剖学资料编著的。图谱以真实的颅脑和颈部的重要器官、结构为蓝本，借助于解剖标本的彩色照相，为临床医师和基础医学工作者展现内容翔实、结构清晰、栩栩如生的实物图像。每幅图像都经过科学的设计和精心的解剖创作，从不同方位、不同角度，由浅入深地逐层显示，既体现局部的结构特点，又不失其结构的完整性和统一性，最终清晰地展示颅、脑、脑内部结构、脑膜、脑血管、脑神经、颅底局解和颈部局解。本图谱在编写过程中得到于频教授和曹郁琦教授的关怀和支持，特别是著名神经外科专家王忠诚院士欣然为本书作序，我们表示衷心感谢。

段坤昌

于中国医科大学

The colour atlas of the applied anatomy of the skull, the brain and the neck

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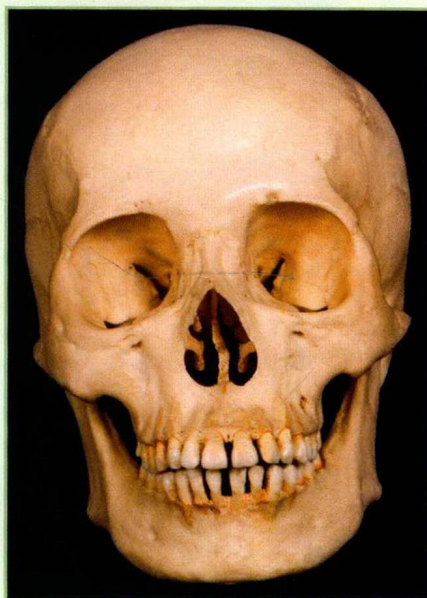
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颈部断面 THE SECTION OF THE NECK

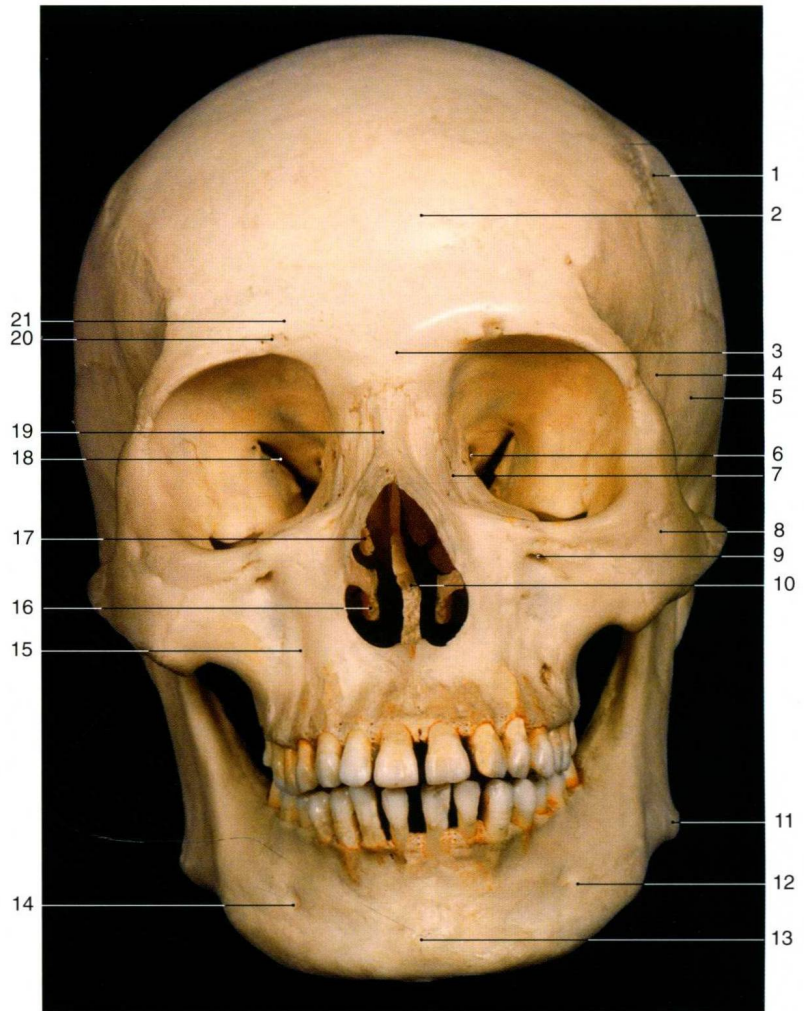
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颅

THE SKULL

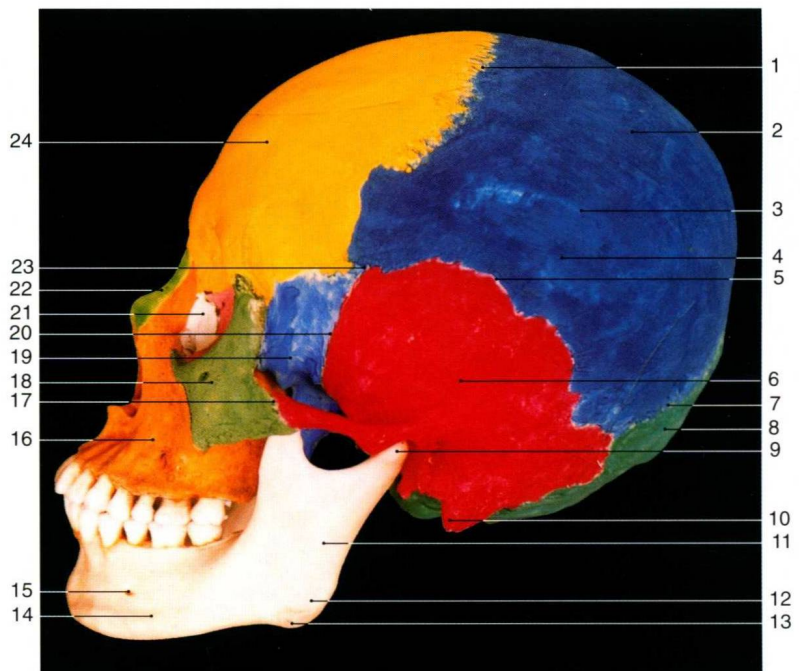


1. 顶骨 parietal bone
2. 额骨 frontal bone
3. 眉间 glabella
4. 蝶骨 sphenoid bone
5. 颞骨 temporal bone
6. 视神经管 optic canal
7. 泪骨 lacrimal bone
8. 颧骨 zygomatic bone
9. 眶下孔 infraorbital foramen
10. 犁骨 vomer
11. 下颌角 angle of mandible
12. 下颌骨 mandible
13. 颏隆凸 mental protuberance
14. 颏孔 mental foramen
15. 上颌骨 maxilla
16. 下鼻甲 inferior nasal concha
17. 中鼻甲 middle nasal concha
18. 眶上裂 superior orbital fissure
19. 鼻骨 nasal bone
20. 眶上孔 supraorbital foramen
21. 眉弓 superciliary arch

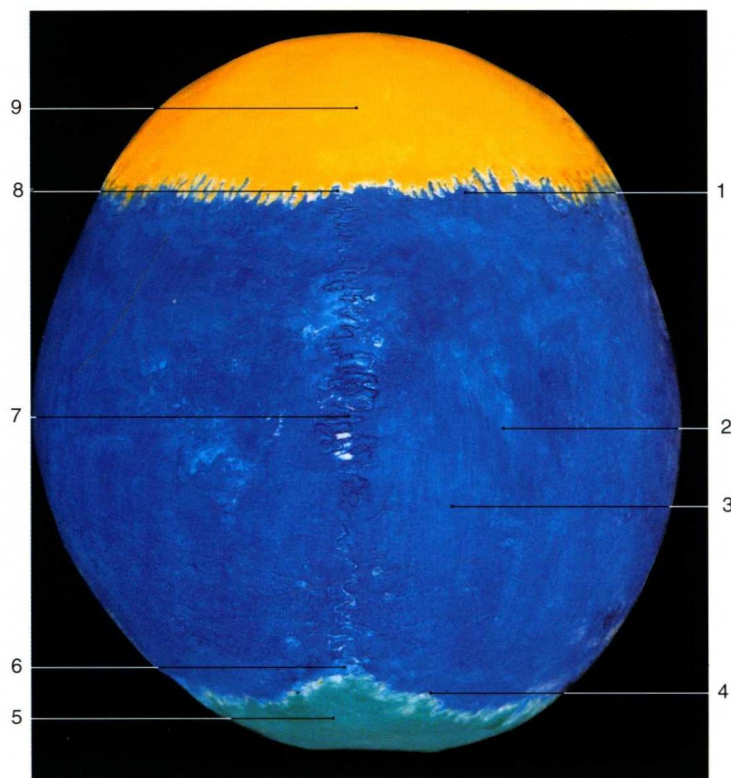


1. 颅 (前面观) The skull. Anterior aspect

1. 冠状缝 coronal suture
2. 顶骨 parietal bone
3. 上颞线 superior temporal line
4. 下颞线 inferior temporal line
5. 鳞顶缝 squamosoparietal suture
6. 颞骨 temporal bone
7. 人字缝 lambdoid suture
8. 枕骨 occipital bone
9. 下颌头 head of mandible
10. 乳突 mastoid process
11. 下颌支 ramus of mandible
12. 咬肌粗隆 masseteric tuberosity
13. 下颌角 angle of mandible
14. 下颌体 body of mandible
15. 颏孔 mental foramen
16. 上颌骨 maxilla
17. 颞颥缝 temporozygomatic suture
18. 颧骨 zygomatic bone
19. 蝶骨 sphenoid bone
20. 蝶鳞缝 sphenosquamosal suture
21. 泪骨 lacrimal bone
22. 鼻骨 nasal bone
23. 翼点 pterion
24. 额骨 frontal bone

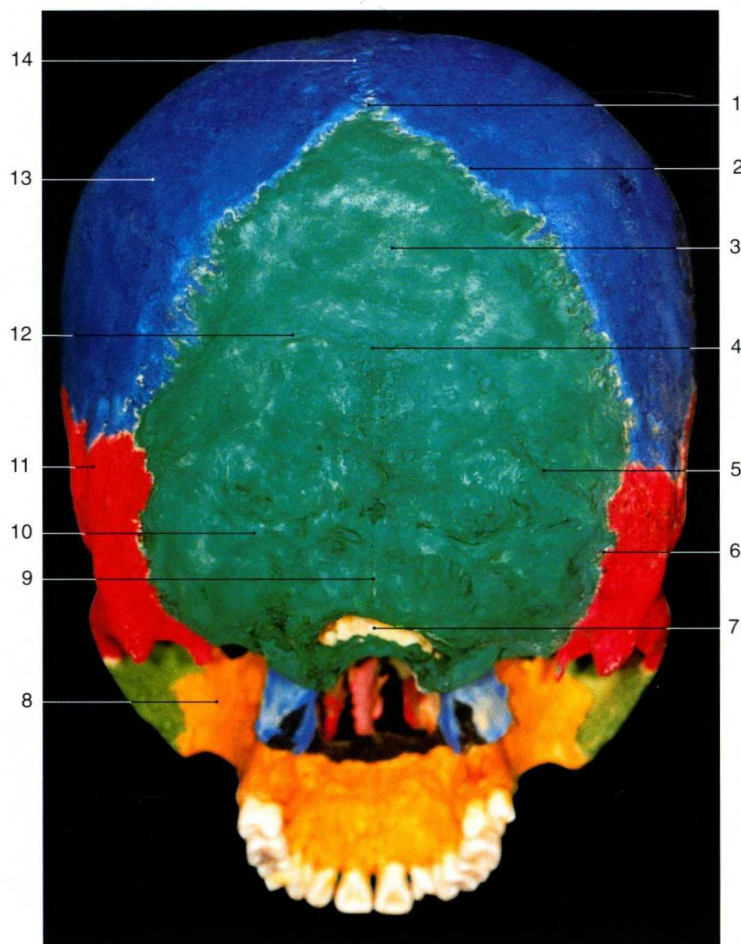


2. 颅 (外侧面观) The skull. Lateral aspect



1. 冠状缝 coronal suture
2. 顶骨 parietal bone
3. 顶孔 parietal foramen
4. 人字缝 lambdoid suture
5. 枕骨 occipital bone
6. 人字点 lambda
7. 矢状缝 sagittal suture
8. 前囟点 bregma
9. 额骨 frontal bone

3. 颅 (上面观) The skull. Superior aspect



1. 人字点 lambda
2. 人字缝 lambdoid suture
3. 枕骨 occipital bone
4. 枕外隆凸 external occipital protuberance
5. 上项线 superior nuchal line
6. 枕乳突缝 occipitomastoid suture
7. 枕骨大孔 foramen magnum of occipital bone
8. 上颌骨 maxilla
9. 枕外嵴 external occipital crest
10. 下项线 inferior nuchal line
11. 颞骨 temporal bone
12. 最上项线 highest nuchal line
13. 顶骨 parietal bone
14. 矢状缝 sagittal suture

4. 颅 (后面观) The skull. Posterior aspect



5. 颅底 (外面观) The base of the skull. External aspect

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