



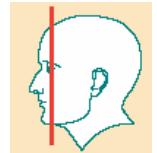
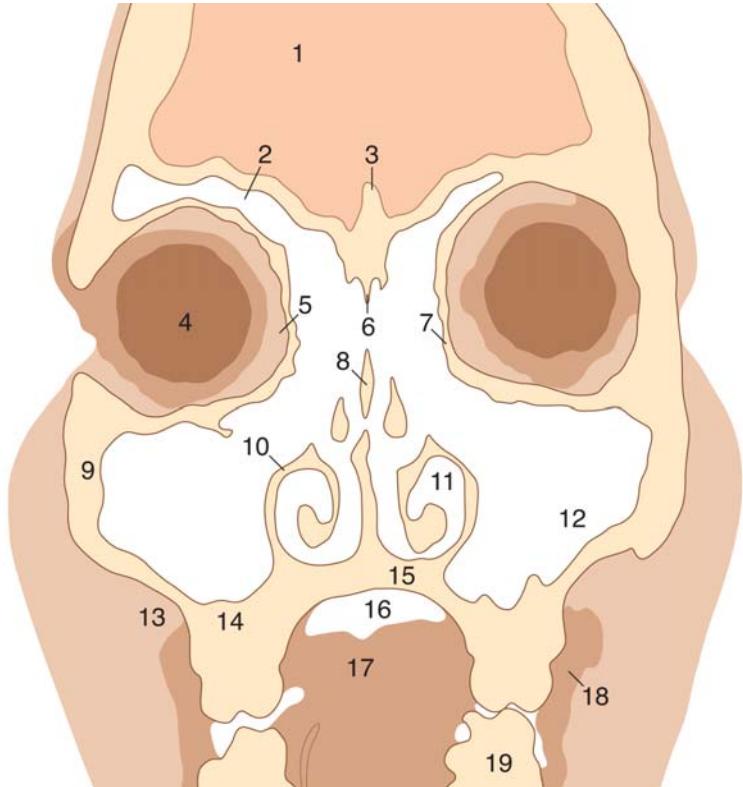
Semmelweis Egyetem, Anatómiai, Szövet- és Fejlődéstani Intézet

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# Orvosi képalkotó eljárások

Viscerocranium - Collum

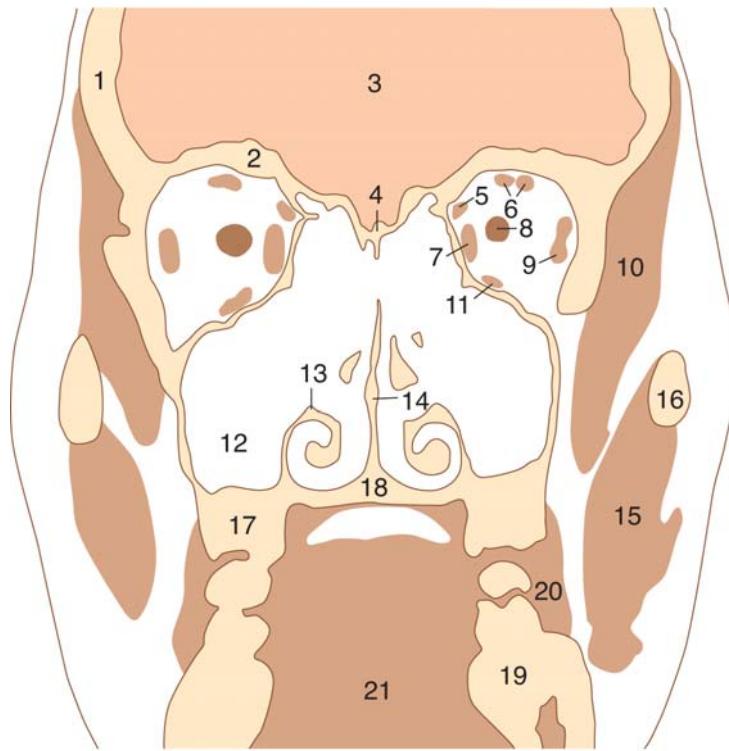
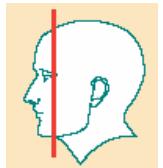
# Feji keresztmetszet, coronalis CT felvétel / 1.



- 1. Agy
- 2. Sinus frontalis (supraorbitalisan kiterjedt)
- 3. Crista galli
- 4. Bulbus oculi
- 5. Corpus adiposum orbitae
- 6. Lamina perpendicularis ossis ethmoidalis
- 7. Lamina orbitalis
- 8. Septum nasi
- 9. Corpus maxillae
- 10. Concha nasalis inf.

- 11. Meatus nasi inf.
- 12. Sinus maxillaris (Highmore üreg)
- 13. Corpus adiposum buccae
- 14. Processus alveolaris maxillae
- 15. Palatum durum
- 16. Cavum oris
- 17. Lingua
- 18. M. buccinator
- 19. Arcus dentalis inf.

## Feji keresztmetszet, coronalis CT felvétel / 2.



1. Squama frontalis  
2. Pars orbitalis ossis frontalis

3. Cerebrum

4. Crista galli, os ethmoidale

5. M. obliquus sup.

6. Mm. rectus sup. et levator palpebrae sup.

7. M. rectus med.

8. N. opticus

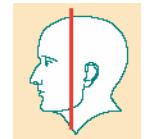
9. M. rectus lat.

10. M. temporalis

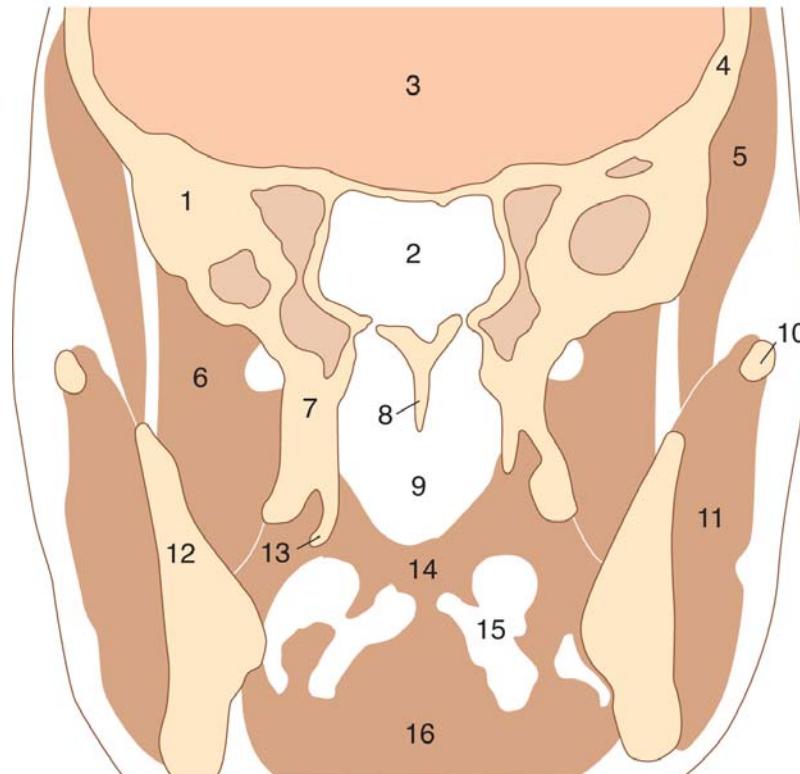
11. M. rectus inf.

12. Sinus maxillaris  
13. Concha nasalis inf.  
14. Septum nasi  
15. M. masseter  
16. Arcus zygomaticus  
17. Proc. alveolaris maxillae  
18. Palatum durum  
19. Proc. alveolaris mandibulae  
20. M. buccinator  
21. Lingua

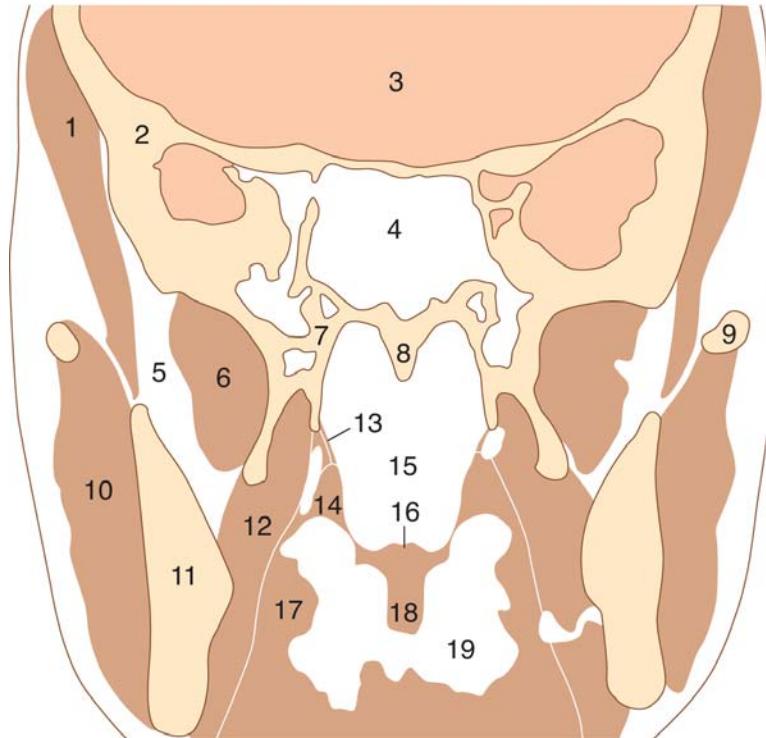
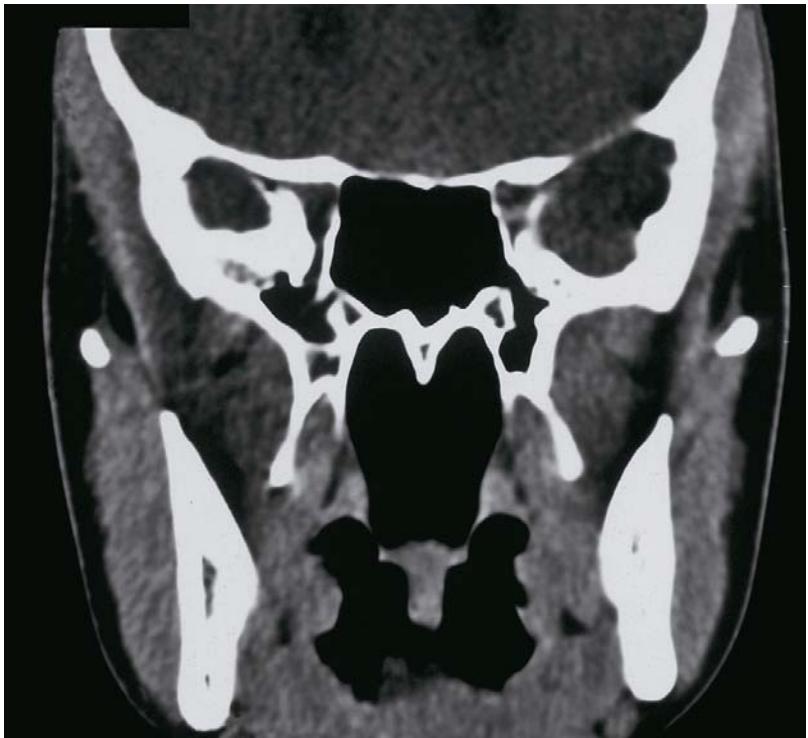
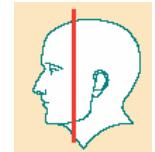
# Feji keresztmetszet, coronalis CT felvétel / 3.



1. Ala major
2. Sinus sphenoidalis
3. Cerebrum
4. Squama temporalis
5. M. temporalis
6. Fossa infratemporalis
7. Proc. pterygoideus
8. Vomer



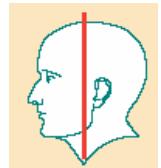
## Feji keresztmetszet, coronalis CT felvétel / 4.



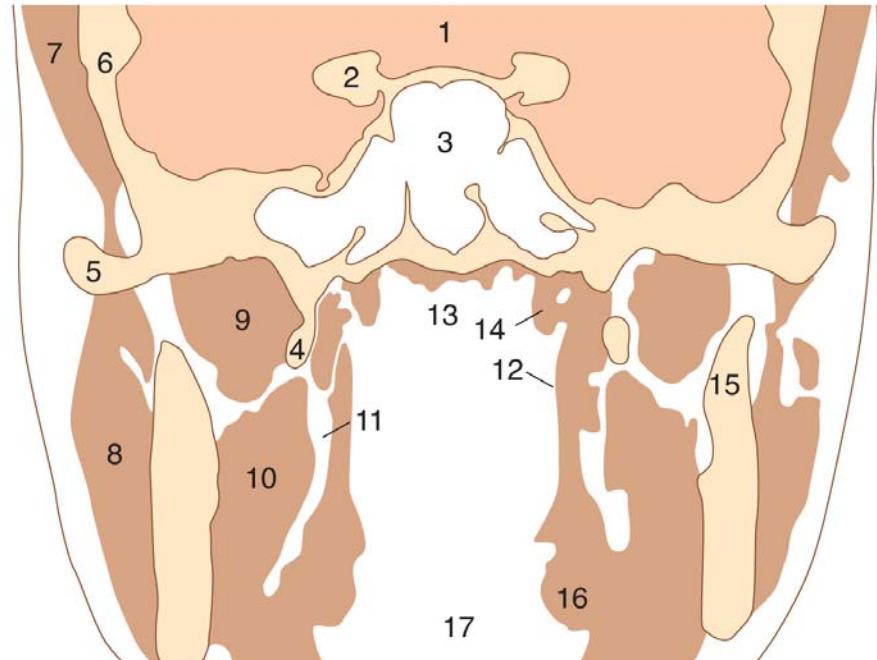
- 1. M. temporalis
- 2. Ala major
- 3. Cerebrum
- 4. Sinus sphenoidalis
- 5. Fossa infratemporalis
- 6. M. pterygoid. lat.
- 7. Proc. pterygoideus
- 8. Vomer
- 9. Arcus zygomaticus
- 10. M. masseter

- 11. Mandibula
- 12. M. pterygoideus med.
- 13. M. levator veli palatini
- 14. M. tensor veli palatini
- 15. Nasopharynx
- 16. Palatum molle
- 17. Tonsilla palatina
- 18. Uvula
- 19. Cavum oris

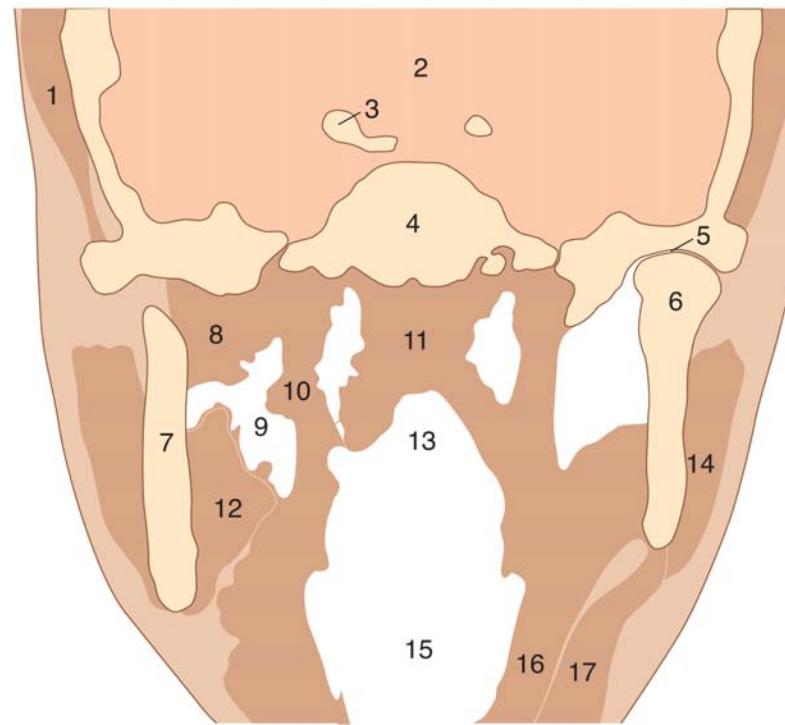
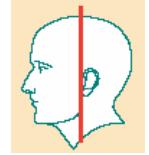
## Feji keresztmetszet, coronalis CT felvétel / 5.



1. Cerebrum
2. Proc. clinoideus ant.
3. Sinus sphenoidalis
4. Proc. pterygoideus
5. Arcus zygomaticus
6. Squama temporalis
7. M. temporalis
8. M. masseter
9. M. pterygoideus lat.



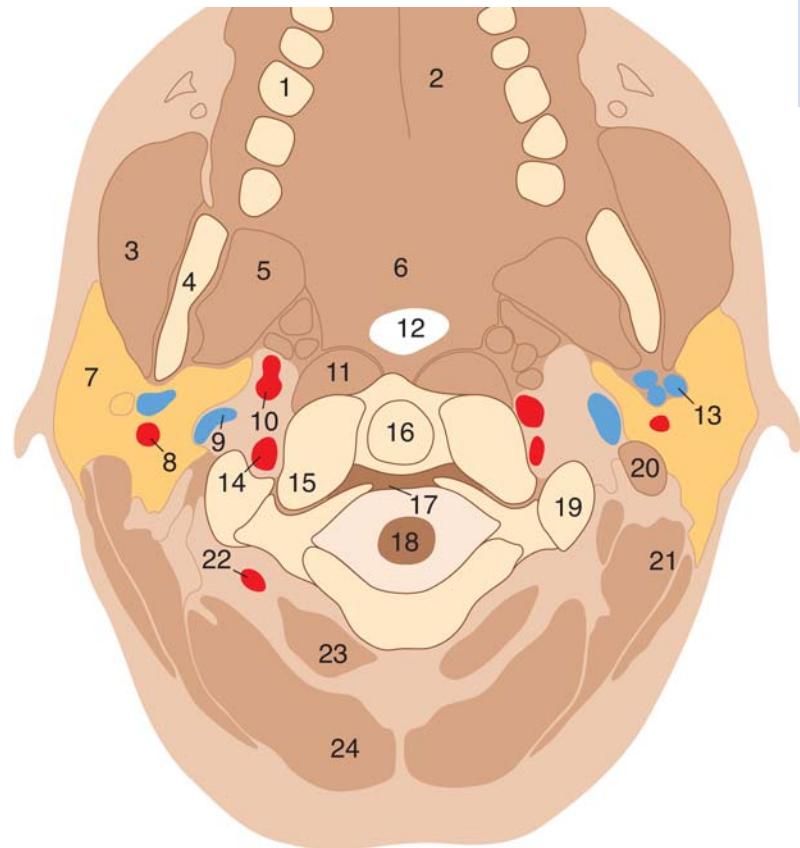
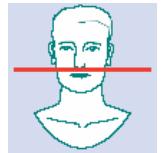
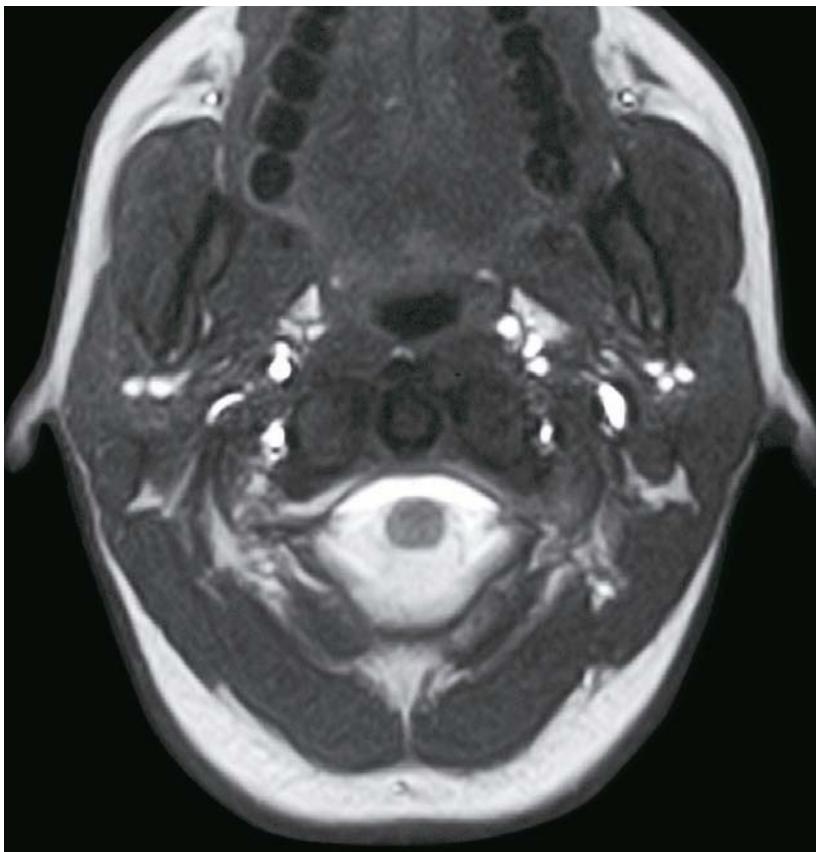
## Feji keresztmetszet, coronalis CT felvétel / 6.



- 1. M. temporalis
- 2. Cerebrum
- 3. Proc. clinoides ant.
- 4. Corpus ossis sphenoidalis
- 5. Art. temporomandibularis
- 6. Proc. condylaris mandibulae
- 7. Ramus mandibulae
- 8. M. pterygoid. lat.
- 9. Spatium parapharyngeum

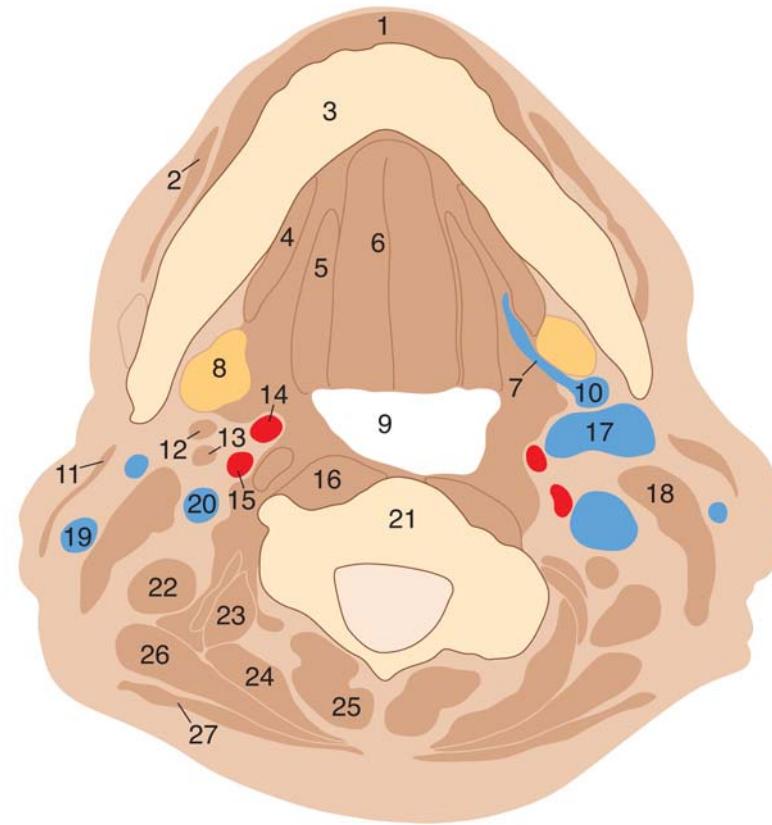
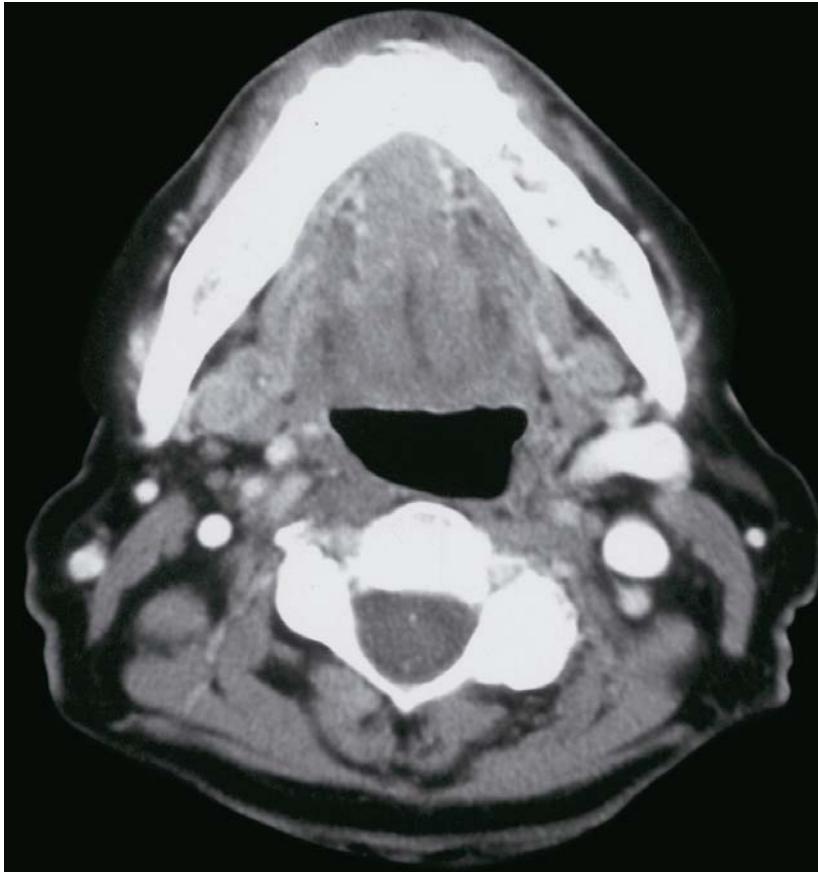
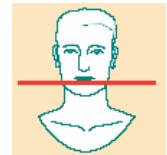
- 10. M. constrictor pharyng. sup.
- 11. Parietis dors. nasopharyngis
- 12. M. pterygoid. med.
- 13. Nasopharynx
- 14. M. masseter
- 15. Oropharynx
- 16. M. mylohyoideus
- 17. M. digastricus

## Feji keresztmetszet, axialis MRI felvétel



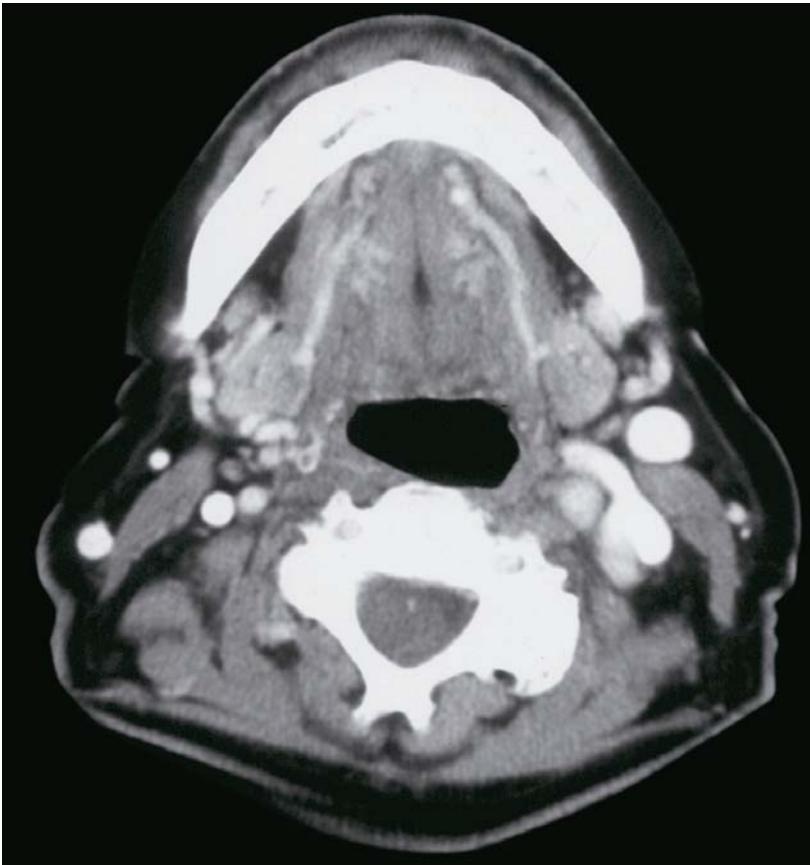
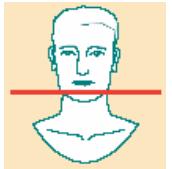
- 1. Arcus dentalis sup.
- 2. Palatum durum
- 3. M. masseter
- 4. Ramus mandibulae
- 5. M. pterygoideus med.
- 6. Palatum molle
- 7. Gl. parotis (lob. supf.)
- 8. A. carotis ext.
- 9. V. jugularis int.
- 10. A. carotis int.
- 11. Mm. longi colli et capitis
- 12. Nasopharynx
- 13. V. retromandibularis
- 14. A. vertebralis
- 15. Facies artic. sup. atlantis
- 16. Dens axis
- 17. Lig. transversum atlantis
- 18. Medulla spinalis
- 19. Massa lateralis atlantis
- 20. Venter post. m. digastrici
- 21. Mm. sternocleidomastoideus et splenius capitis
- 22. A. et v. cervicales proff.
- 23. Mm. suboccipitales
- 24. M. semispinalis capitis

# Nyaki keresztmetszet, axialis CT felvétel / 1.



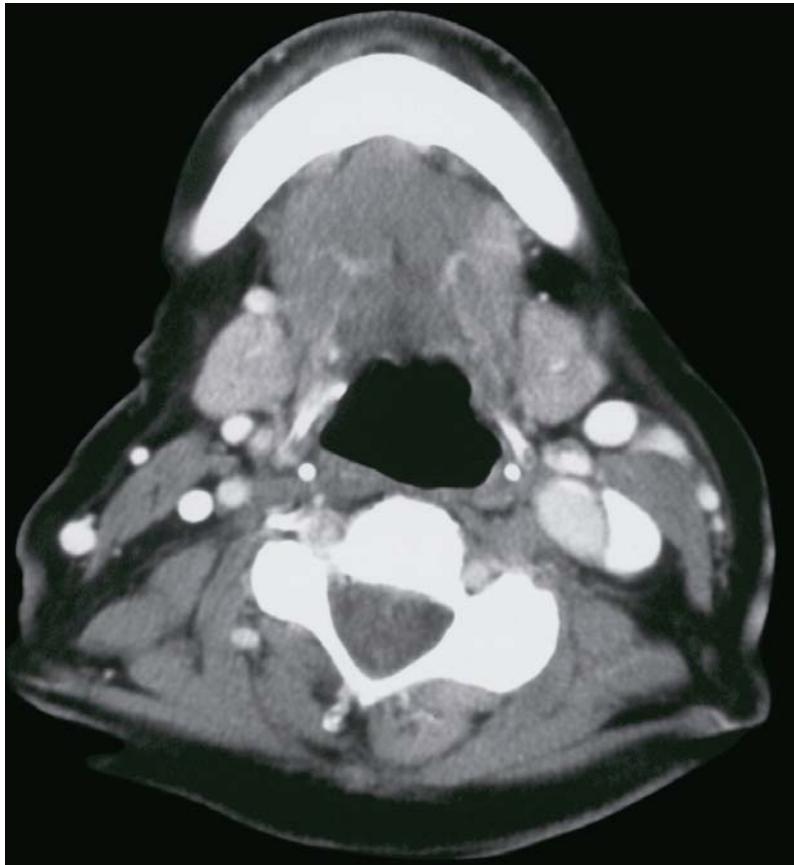
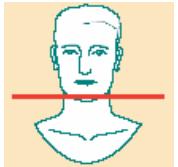
- |                             |                                |                                  |
|-----------------------------|--------------------------------|----------------------------------|
| 1. M. mentalis              | 10. V. facialis                | 19. V. jugularis ext.            |
| 2. M. depressor anguli oris | 11. Platysma                   | 20. V. jugularis int.            |
| 3. Mandibula                | 12. M. stylohyoideus           | 21. Vertebra cervicalis          |
| 4. M. mylohyoideus          | 13. Venter post. m. digastrici | 22. M. levator scapulae          |
| 5. M. hyoglossus            | 14. A. carotis ext.            | 23. Mm. longiss. capit. et cerv. |
| 6. M. genioglossus          | 15. A. carotis int.            | 24. M. semispinalis capitis      |
| 7. V. sublingualis          | 16. Mm. longi colli et capitis | 25. M. semispinalis cervicis     |
| 8. Gl. submandibularis      | 17. V. retromandibularis       | 26. M. splenius capitis          |
| 9. Oropharynx               | 18. M. sternocleidomastoideus  | 27. M. trapezius                 |

## Nyaki keresztmetszet, axialis CT felvétel / 2.



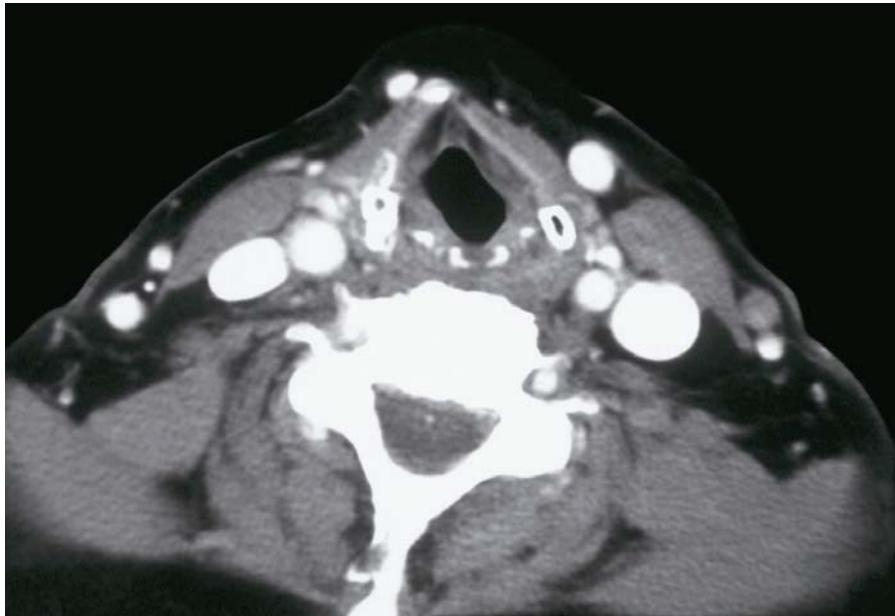
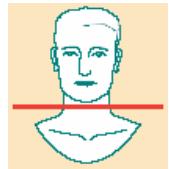
- |  |                                |                          |
|--|--------------------------------|--------------------------|
| 1. M. mentalis                               | 10. A. carotis ext.            | 19. M. sternocleidomast. |
| 2. M. depressor angulis oris                 | 11. Oropharynx                 | 20. V. jugularis ext.    |
| 3. Mandibula                                 | 12. A. facialis                | 21. M. levator scapulae  |
| 4. M. mylohyoideus                           | 13. V. facialis communis       | 22. A. cervic. prof.     |
| 5. V. sublingualis, sulcus lateralis linguae | 14. Platysma                   | 23. M. semispin. cerv.   |
| 6. M. genioglossus                           | 15. V. jugularis int.          | 24. M. semispin. capit.  |
| 7. M. hyoglossus                             | 16. M. stylohyoideus           | 25. M. splenius capitis  |
| 8. Gl. submandibularis                       | 17. A. carotis int.            | 26. M. trapezius         |
| 9. V. facialis                               | 18. Mm. longi capitis et colli |                          |

# Nyaki keresztmetszet, axialis CT felvétel / 3.

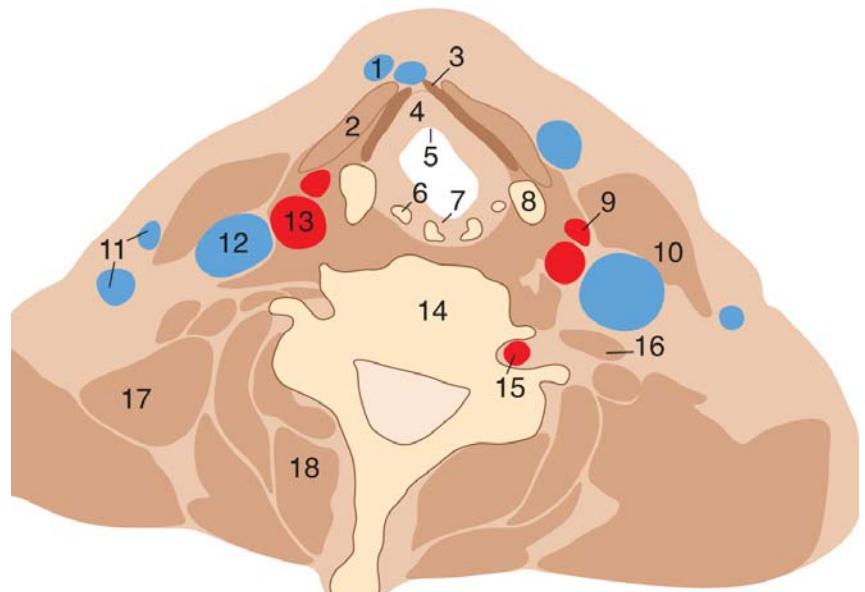


1. Mandibula  
2. M. mylohyoideus  
3. M. hyoglossus  
4. M. genioglossus  
5. A. lingualis  
6. Gl. submandibularis  
7. Platysma  
8. V. facialis  
9. A. carotis ext.  
10. Oropharynx  
11. Os hyoideum  
12. Cart. thyroidea, cornu sup.  
13. A. carotis int.  
14. V. jugularis int.  
15. M. sternocleidomastoideus  
16. V. jugularis ext.  
17. M. scalenus ant.  
18. M. scalenus medius  
19. A. vertebralis  
20. Spatium retropharyngeum  
21. Mm. longi capitidis et colli  
22. M. scalenus post.  
23. M. levator scapulae  
24. M. splenius capitidis  
25. M. trapezius  
26. Mm. longissimi et semispin. capit.  
27. M. semispinalis cervicis  
28. Lig. nuchae

## Nyaki keresztmetszet, axialis CT felvétel / 4.

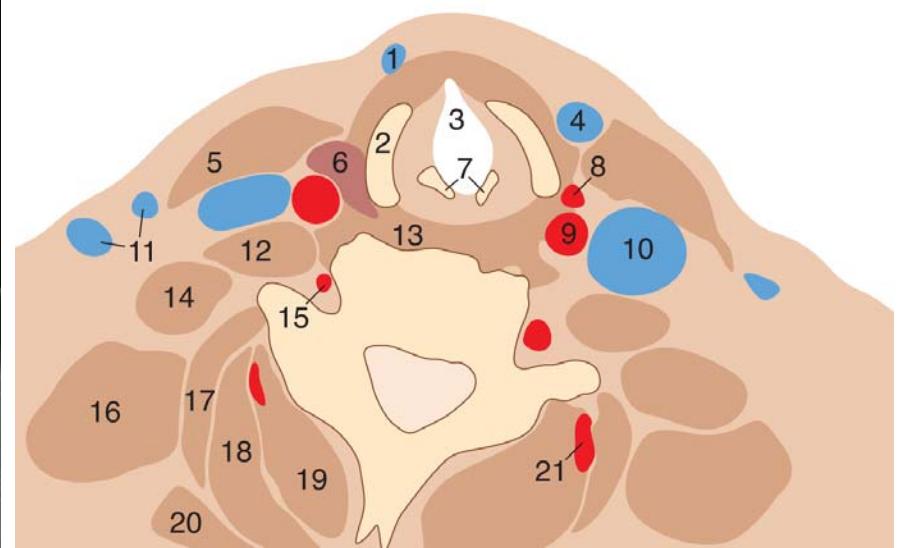
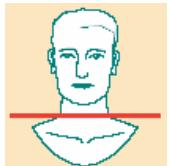


- 1. V. jugularis ant.
- 2. Mm. infrahyoidei
- 3. Membrana thyrohyoidea
- 4. Corpus adiposum laryngis
- 5. Epiglottis
- 6. Cartilago cuneiformis
- 7. Cartilago corniculata
- 8. Cartilago thyroidea
- 9. A. thyroidea sup.



- 10. M. sternocleidomastoideus
- 11. V. jugularis ext.
- 12. V. jugularis int.
- 13. A. carotis comm.
- 14. Vertebra cervicalis V.
- 15. A. vertebralis
- 16. M. scalenus medius
- 17. M. levator scapulae
- 18. M. erector spinae

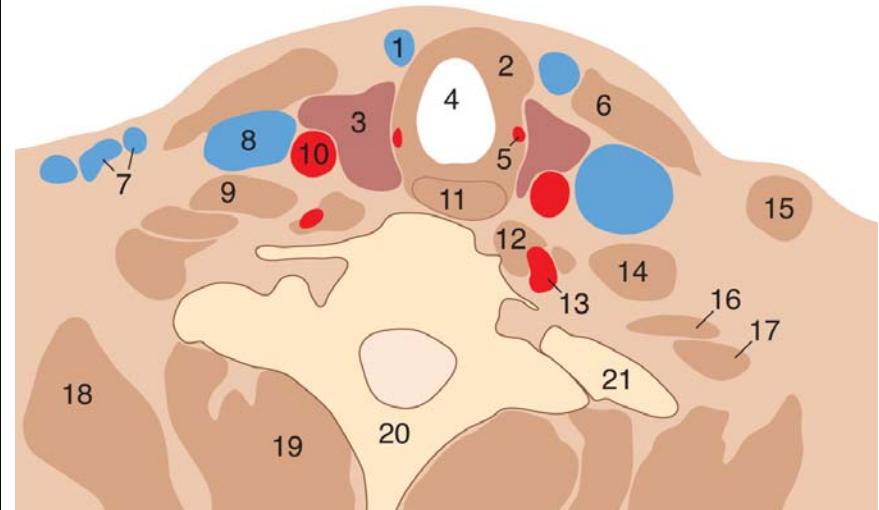
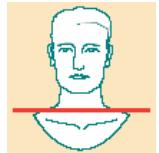
## Nyaki keresztmetszet, axialis CT felvétel / 5.



- 1. V. jugularis ant.
- 2. Cartilago thyroidea
- 3. Vestibulum laryngis
- 4. V. facialis communis
- 5. M. sternocleidomastoideus
- 6. Gl. thyroidea
- 7. Cartilago arytenoidea
- 8. A. thyroidea sup.
- 9. A. carotis comm.
- 10. V. jugularis int.

- 11. V. jugularis ext.
- 12. M. scalenus medius
- 13. Laryngopharynx
- 14. M. scalenus post.
- 15. A. vertebralis
- 16. M. levator scapulae
- 17. M. longissimus cervicis
- 18. Mm. semispinales
- 19. M. erector spinae
- 20. M. splenius capitis
- 21. Vasa cervicalia profunda

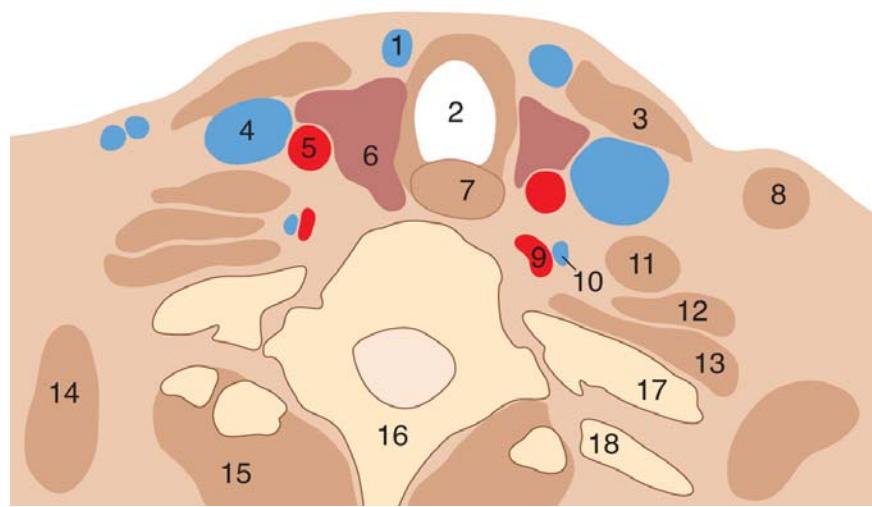
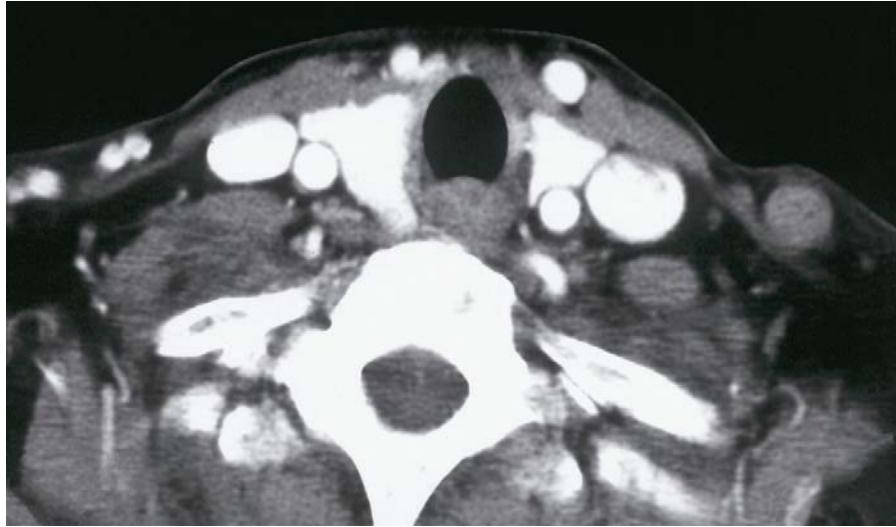
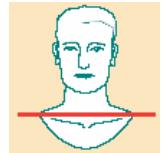
# Nyaki keresztmetszet, axialis CT felvétel / 6.



1. V. jugularis ant.
2. Trachea et mm. infrahyoidei
3. Gl. thyroidea
4. Trachea, lumen
5. A. laryngea inf.
6. M. sternocleidomastoideus, insertio sternalis
7. V. jugularis ext.
8. V. jugularis int.
9. M. scalenus ant.
10. A. carotis comm.
11. Oesophagus

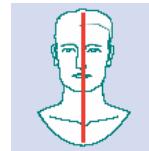
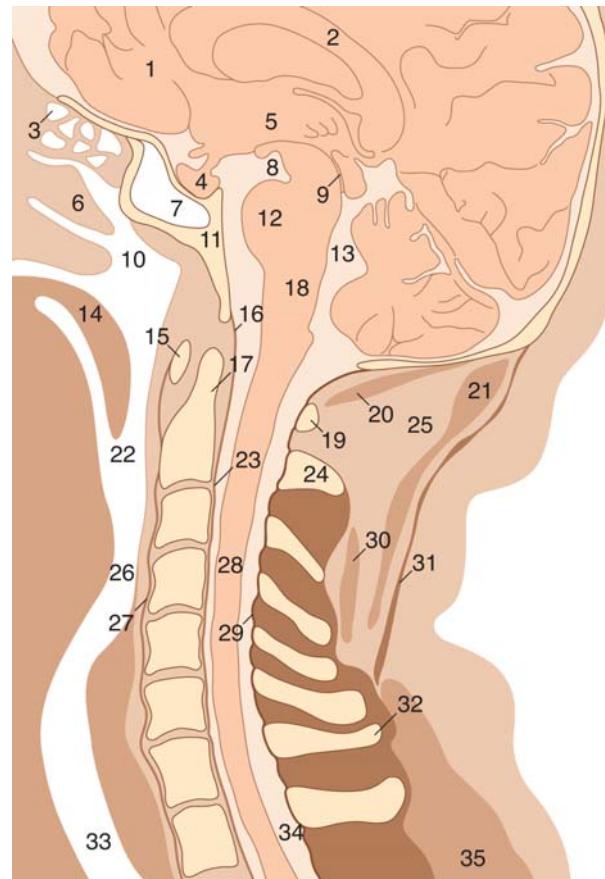
12. M. longus colli
13. A. vertebralis
14. M. scalenus ant.
15. M. sternocleidomastoideus, insertio clavicularis
16. M. scalenus medius
17. M. scalenus post.
18. M. levator scapulae
19. M. erector spinae
20. Vertebra thoracica I., lamina et proc. spinosus
21. I. borda

# Nyaki keresztmetszet, axialis CT felvétel / 7.



1. V. jugularis ant.
2. Trachea
3. M. sternocleidomastoideus, insertio sternalis
4. V. jugularis int.
5. A. carotis comm.
6. Gl. thyroidea
7. Oesophagus
8. M. sternocleidomastoideus, insertio clavicularis
9. A. vertebralis
10. V. vertebralis
11. M. scalenus ant.
12. M. scalenus medius
13. M. scalenus post.
14. M. levator scapulae
15. M. erector spinae
16. Vertebra thoracica I.
17. I. borda
18. II. borda

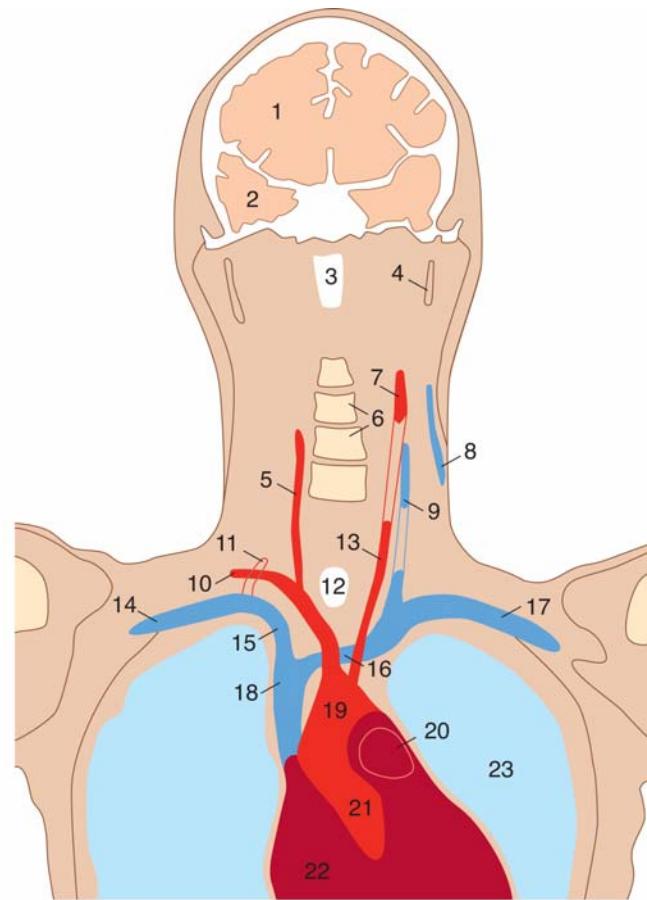
# Fej – nyak, sagittalis MRI felvétel



- 21. M. semispinalis capitis
- 22. Oropharynx
- 23. Lig. longitudinale post.
- 24. Axis, proc. spinosus
- 25. Suboccipitalis zsírszövet
- 26. Laryngopharynx
- 27. Lig. longitudinale ant.
- 28. Medulla spinalis
- 29. Ligamenta flava
- 30. M. semispinalis cervicis
- 31. Lig. nuchae
- 32. Vertebra cervicalis VII., proc. spinosus
- 33. Trachea
- 34. Spatium subarachnoideale (theca)
- 35. M. erector spinae

- 1. Agy, lobus frontalis
- 2. Corpus callosum
- 3. Cellulae ethmoidales
- 4. Hypophysis
- 5. III. agykamra
- 6. Orrüreg
- 7. Sinus sphenoidalis
- 8. Fossa interpeduncularis
- 9. Aqueductus cerebri, mesencephalon
- 10. Nasopharynx
- 11. Clivus
- 12. Pons
- 13. IV. agykamra
- 14. Palatum molle
- 15. Atlas, arcus ant.
- 16. Membrana tectoria
- 17. Dens axis
- 18. Medulla oblongata
- 19. Atlas, arcus post.
- 20. M. rectus capitis post. minor

# Fej – nyak, coronalis MRI felvétel / 1.

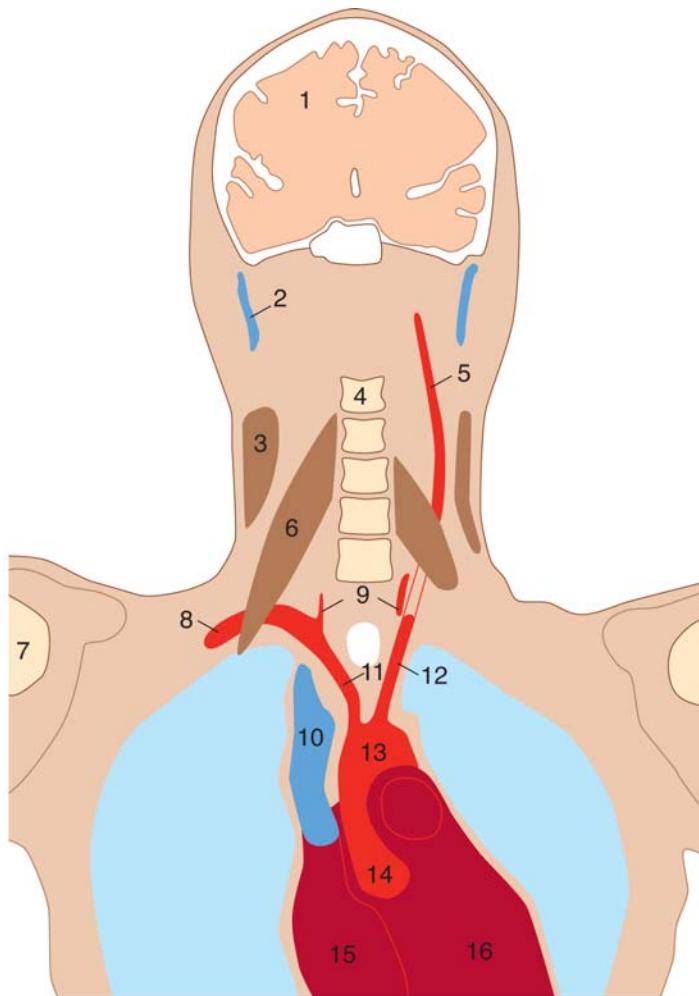


- 1. Agy, lobus parietalis
- 2. Agy, lobus temporalis
- 3. Nasopharynx
- 4. Ramus mandibulae
- 5. A. carotis comm. dextra
- 6. Vertebrae cervicales
- 7. A. carotis int. sin.
- 8. V. jugularis ext.

- 9. V. jugularis int.
- 10. A. subclavia dextra
- 11. M. scalenus ant. tapadása
- 12. Trachea
- 13. A. carotis comm. sin.
- 14. V. subclavia dext.
- 15. V. brachiocephalica dext.
- 16. V. brachiocephalica sin.

- 17. V. subclavia sin.
- 18. V. cava sup.
- 19. Arcus aortae
- 20. A. pulmonalis
- 21. Aorta ascendens
- 22. Szív
- 23. Tüdő

## Fej – nyak, coronalis MRI felvétel / 2.

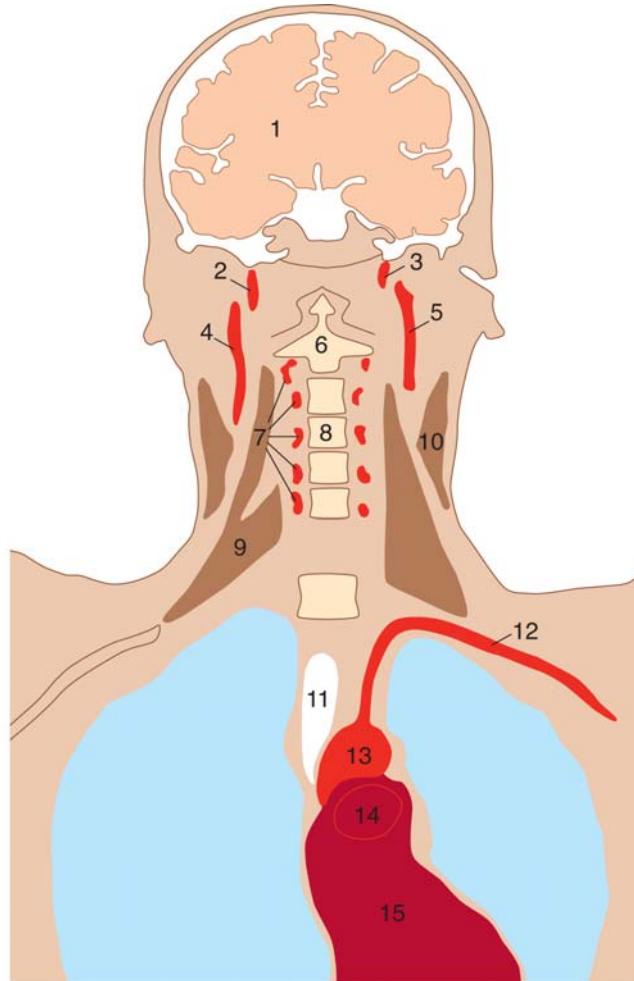


- 1. Agy
- 2. V. retromandibularis
- 3. M. sternocleidomastoideus
- 4. Vertebra cervicalis
- 5. A. carotis int
- 6. M. scalenus ant.

- 7. A. carotis int. sin.
- 8. A. subclavia dext.
- 9. A. vertebralalis
- 10. V. cava sup.
- 11. Truncus brachiocephalicus

- 12. A. carotis comm. sin.
- 13. Arcus aortae
- 14. Aorta ascendens
- 15. Atrium dextrum
- 16. Ventriculus sinister

## Fej – nyak, sagittalis MRI felvétel / 3.



- 1. Agy
- 2. A. vertebralis dext.
- 3. A. vertebralis sin.
- 4. A. carotis int. dext.
- 5. A. carotis int. sin.

- 6. Dens axis
- 7. A. vertebralis
- 8. Vertebra cervicalis IV.
- 9. M. scalenus medius et post.
- 10. M. sternocleidomastoideus

- 11. Trachea
- 12. A. subclavia sin.
- 13. Arcus aortae
- 14. A. pulmonalis
- 15. Szív