



CROSS SECTION KEY

HEAD & NECK, UPPER LIMB & THORAX (CROSS SECTIONS 7-19)

1. rectus capitis post. minor and major mm.
2. ligamentum nuchae
3. trapezius m.
4. semispinalis capitis m.
5. splenius capitis m.
6. internal jugular v.
7. internal carotid a.
8. mastoid air cells
9. levator veli palatini m.
10. parotid gland
11. masseter m.
12. temporalis m.
13. levator labii superioris m.
14. maxillary sinus
15. lateral pterygoid m.
16. longus capitis m.
17. rectus capitis ant. m.
18. nasolacrimal duct
19. obliquus capitis supr. m.
20. digastric m.
21. longissimus capitis m.
22. sternocleidomastoid m.
23. mandible (ramus)
24. pharynx
25. angular v.
26. medial pterygoid m.
27. obliquus capitis inf. m.
28. parotid duct
29. facial v.
30. maxilla
31. uvula
32. orbicularis oris m.
33. buccinator m.
34. superior constrictor m.
35. semispinalis cervicis m.
36. depressor labii inferioris m.
37. palatine tonsil
38. styloglossus m.
39. scalene medius m.
40. levator scapulae m.
41. vertebral a.
42. internal carotid a.
43. submandibular gland and duct
44. hyoglossus m.
45. sublingual gland
46. mylohyoid m.
47. genioglossus m.
48. splenius cervicis m. and capitis m.
49. hyoid bone
50. geniohyoid
51. deltoid m.
52. supraspinatus m.
53. infraspinatus m.
54. spine of scapula
55. rhomboid minor m.
56. clavicle
57. erector spinae and transversospinalis mm.
58. scalene mm.
59. platysma m.
60. trachea (rima glottis)
61. sternohyoid m.
62. common carotid a., internal jugular v.,
CN X
63. omohyoid m.
64. sternothyroid m.
65. trachea
66. esophagus
67. thyroid gland
68. serratus anterior m.
69. teres minor m.
70. subscapularis m.
71. lung
72. rib
73. subclavius m.
74. longus colli m.
75. rhomboid major m.
76. pectoralis major m.
77. coracobrachialis and short head of
biceps brachii mm.
78. pectoralis minor m.
79. lateral head of triceps brachii m.
80. teres major m.
81. long head of triceps brachii m.
82. intercostal mm.
83. subclavian and common carotid aa.
84. tendon of long head of biceps brachii m.
85. cephalic v.
86. sternum
87. brachiocephalic (innominate) a.
88. azygos v.
89. vertebral venous plexus
90. aortic arch
91. biceps brachii m. (long head)
92. CN X
93. left recurrent laryngeal n.
94. thymus gland and fat
95. arch of azygos v.
96. triceps brachii m. (medial head)
97. bronchus
98. latissimus dorsi m.
99. descending aorta
100. ascending aortic arch
101. pulmonary a.
102. azygos v.
103. superior vena cava
104. pulmonary vein
105. axillary lymph nodes

UPPER EXTREMITY (CROSS SECTIONS 49-50, 53-59)

- 106. median n.
- 107. ulnar n.
- 108. radial n.
- 109. brachialis m.
- 110. musculocutaneous n.
- 111. brachioradialis m.
- 112. basilic v.
- 113. ext. carpi rad. long & brachioradialis mm.
- 114. head of radius
- 115. anconeus m.
- 116. olecranon process of ulna
- 117. pronator teres m.
- 118. tendon of biceps brachii m.
- 119. supinator m.
- 120. flexor carpi radialis m.
- 121. flexor carpi ulnaris m.
- 122. flexor digitorum profundus m.
- 123. flexor digitorum superficialis m.
- 124. extensor digitorum m.
- 125. extensor carpi ulnaris m.
- 126. extensor pollicis longus m.
- 127. abductor pollicis longus m.
- 128. pronator quadratus m.
- 129. scaphoid
- 130. lunate
- 131. pisiform
- 132. opponens pollicis m.
- 133. abductor digiti minimi m.
- 135. flexor pollicis longus m. (tendon)
- 136. dorsal interosseus m.

THORAX (CROSS SECTIONS 20-24)

137. left atrium
138. right ventricle
139. superior lobe of lung
140. left coronary a.
141. phrenic n.
142. semilunar valve of aorta
143. right atrium
144. bicuspid (mitral) valve
145. tricuspid valve
146. interventricular septum
147. circumflex a. & great cardiac v.
148. thoracic duct
149. trabeculae carnae
150. left ventricle
151. inferior vena cava
152. coronary sinus
153. diaphragm m.
154. hepatic v.
155. cardiac region of stomach
156. apex of heart
157. liver
158. sympathetic trunk
159. rectus abdominus muscle

ABDOMEN (CROSS SECTIONS 25-43)

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| 160. stomach lumen | 211. lateral femoral cutaneous n. |
| 161. ligamentum venosum | 212. internal iliac a. |
| 162. falciform lig. | 213. sacral canal |
| 163. right lobe of liver | 214. piriformis m. |
| 164. left lobe of liver | 215. sigmoid colon |
| 165. infr. lobe of lung | 216. infr. gluteal a. & v. |
| 166. gastrosplenic lig. | 217. supr. gluteal a. & v. |
| 167. caudate lobe of liver | 218. vas deferens |
| 168. spleen | 219. coccyx |
| 169. splenic a. & v. | 220. rectum |
| 170. left & right crura of diaphragm m. | 221. obturator internus m. |
| 171. nucleus pulposus & annulus fibrosus | 222. tensor fascia lata m. |
| 172. hepatic ducts | 223. sartorius m. |
| 173. tail of pancreas | 224. obturator n. a. & v. |
| 174. kidney | 225. pudendal n. a. & v. |
| 175. suprarenal gland | 226. head of femur |
| 176. round lig. of liver | 227. sciatic n. |
| 177. portal v. | 228. iliopsoas m. |
| 178. greater omentum | 229. external iliac a. |
| 179. psoas major m. | 230. head of femur |
| 180. gall bladder | 231. greater trochanter of femur |
| 181. duodenum | 232. gemellus supr. m. |
| 182. quadratus lumborum m. | 233. internal urethral orifice |
| 183. renal v. | 234. seminal vesicles |
| 184. common bile duct | 235. pectineus m. |
| 185. supr. mesenteric a. | 236. bladder |
| 186. small intestine | 237. pyramidalis m. |
| 187. descending colon | 238. rectus femoris m. |
| 188. ureter | 239. trigone of bladder |
| 189. transverse colon | 240. ligamentum capitis femoris |
| 190. ext. abd. oblique m. | 241. deep circumflex iliac a. & v. |
| 191. int. abd. oblique m. | 242. obturator externus m. |
| 192. transversus abd. m. | 243. infr. vesicular n. a. & v. |
| 193. genitofemoral n. | 244. urethra |
| 194. ascending colon | 245. ejaculatory duct |
| 195. testicular a. & v. | 246. levator ani m. |
| 196. infr. epigastric a. & v. | 247. symphysis pubis |
| 197. common iliac a. | 248. femoral v. a. & n. |
| 198. gluteus medius m. | 249. spermatic cord |
| 199. sacrum | |
| 200. iliacus m. | |
| 201. lumen of cecum | |
| 202. ilioinguinal, iliohypogastric n. | |
| 203. gluteus maximus m. | |
| 204. obturator n. | |
| 205. femoral n. | |
| 206. ileocecal junction | |
| 207. median sacral a. | |
| 208. gluteus minimus m. | |
| 209. lumbosacral trunk | |
| 210. appendix | |

PELVIS (CROSS SECTIONS 44-48)

- 250. quadratus femoris m.
- 251. prostate
- 252. prostatic urethra
- 253. vastus lateralis m.
- 254. rectus femoris m.
- 255. adductor brevis m.
- 256. adductor longus m.
- 257. great saphenous v.
- 258. dorsal n. of penis
- 259. vastus medialis m.
- 260. vastus intermedius m.
- 261. semitendinosus m.
- 262. anal sphincter (int. & ext.) m.
- 263. ischiocavernosus m.
- 264. semimembranosus m.
- 265. testis
- 266. tunica albuginea
- 267. bulbospongiosus m.
- 268. corpus spongiosum penis
- 269. superficial dorsal v. of penis
- 270. biceps femoris m.
- 271. crus penis (corpora cavernosa)
- 272. adductor magnus m.
- 273. branches of obturator n.
- 274. testicular a. & v.
- 275. gracilis m.
- 276. posterior femoral cutaneous n.

LOWER EXTREMITY (CROSS SECTIONS 51, 52, 60-66)

277. femoral a. & v.
278. saphenous n.
279. popliteal a. & v.
280. gastrocnemius m.
281. tibial n.
282. plantaris m.
283. small saphenous v.
284. medial sural cutaneous n.
285. common peroneal n.
286. medial collateral lig.
287. lateral collateral lig.
288. medial meniscus
289. lateral meniscus
290. posterior cruciate lig.
291. patellar lig.
292. anterior cruciate lig.
293. extensor digitorum longus m.
294. tibialis anterior m.
295. tibia
296. fibula
297. peroneus longus & brevis mm.
298. soleus m.
299. superficial peroneal n.
300. anterior tibial a. & v.
301. peroneal a. & v.
302. posterior tibial a. & v.
303. flexor digitorum longus m.
304. flexor hallucis longus m.
305. interosseous membrane
306. tibialis posterior m.
307. medial plantar n.
308. metatarsals I-III
309. cuneiforms
310. talus
311. calcaneus
312. calcaneal tendon
313. lateral plantar n.
314. quadratus plantae m.
315. cuboid

HEAD & NECK (CROSS SECTIONS 1-6)

- 316. occipital vessel
- 317. superior sagittal sinus
- 318. occipital lobe
- 319. superficial temporal v.
- 320. galea aponeurotica
- 321. dura mater
- 322. falx cerebri
- 323. frontal lobe
- 324. frontalis m.
- 325. lateral ventricle
- 326. corpus callosum (body)
- 327. fornix
- 328. claustrum
- 329. putamen
- 330. caudate nucleus (head)
- 331. corpus callosum (genu)
- 332. septum pellucidum
- 333. corpus callosum (splenium)
- 334. thalamic nuclei
- 335. inferior sagittal sinus
- 336. diploic v.
- 337. choroid plexus
- 338. insula
- 339. occipitalis m.
- 340. tentorium cerebelli
- 341. cerebellum (vermis)
- 342. frontal sinus
- 343. substantia nigra
- 344. cerebral aqueduct
- 345. 3rd ventricle
- 346. 4th ventricle
- 347. pons
- 348. transverse sinus
- 349. temporal lobe
- 350. pituitary gland
- 351. CN V
- 352. ethmoid air cells
- 353. lateral rectus m.
- 354. transverse-sigmoid sinus
- 355. mandible (condyloid process)
- 356. internal occipital protuberance
- 357. external auditory meatus