

M3 – Female Muscle Figure



Head

Encephalon

Cranial nerves

1. olfactory nerves (i)
2. optic nerves (ii)
3. oculomotor nerve (iii)
4. trochlear nerve (iv)
5. trigeminal nerve (v)
6. abducent nerve (vi)
7. facial nerve (vii)
 - vestibulocochlear nerve (viii)
 - glossopharyngeal nerve (ix)
 - vagus nerve (x)
8. cerebrum
9. frontal lobe
10. parietal lobe
11. occipital lobe
12. temporal lobe
13. central sulcus
14. lateral sulcus
15. corpus callosum
16. rostrum of corpus callosum
17. genu of corpus callosum
18. truck of corpus callosum
19. splenium of corpus callosum
20. pellucid septum
21. diencephalon
22. fornix
23. choroid plexus of third ventricle
24. thalamus
25. interthalamic connexus
26. hypothalamus
27. optic chiasm

28. infundibular recess
29. mamillary body
30. cerebellum
31. arbor vitae
32. floccule
33. mesencephalon
34. lamina quadrigemina
35. aqueduct of mesencephalon
36. peduncle of cerebrum
37. pons (bridge of varolius)
38. fourth ventricle
39. medulla oblongata
40. central canal

INTERNAL SKULL

1. granular foveolae
2. grooves for middle meningeal artery
3. dura mater of brain
4. superior sagittal sinus
5. diploë

CRANIAL BASE

6. anterior cranial fossa
7. cribrous lamina of ethmoid bone
8. cock's comb
9. optic canal (optic foramen)
10. pituitary gland (hypophysis)
11. small wing of sphenoid bone
12. superior orbital fissure
13. round foramen
14. oval foramen
15. foramen lacerum
16. medial cranial fossa
17. arcuate eminence
18. internal acoustic pore sulcus of sigmoid sinus
19. jugular foramen
20. clivus
21. posterior cranial fossa
22. internal occipital protuberance
23. cavernous sinus
24. basilar plexus
25. superior petrosal sinus
26. inferior petrosal sinus
27. sigmoid sinus

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28. sigmoid sinus
29. occipital sinus
30. transverse sinus

External Skull

31. galea aponeurotica
32. frontal bone
33. coronal suture
34. parietal bone
35. sagittal suture
36. lambdoid suture
37. occipital bone
38. mastoid process
39. external acoustic pore
40. zygomatic arch
41. zygomatic bone (cheekbone)
42. maxillary bone
43. nasal bone
44. major alar cartilage
45. ramus of mandible
46. coronoid process of mandible
47. condyle of mandible
48. mandibular notch
49. mandibular angle (angle of jaw)
50. mandibular body
51. hyoid bone

Muscles

52. epicranial muscle, frontal belly of occipitofrontalis muscle
53. temporalis muscle
54. epicranial muscle, temporoparietalis muscle

55. auricularis superior muscle
56. epicranial muscle, occipital belly of occipitofrontal muscle
57. palpebral part of orbicularis oculi muscle
58. orbital part of orbicularis oculi muscle
59. zygomaticus minor muscle
60. levator labii superioris muscle
61. nasal muscle
62. orbicularis oris muscle
63. zygomaticus major muscle
64. buccinator muscle
65. masseter muscle
66. risorius muscle
67. depressor anguli oris muscle
68. depressor labii inferioris muscle
69. mental muscle
70. hyoglossus muscle
71. genohyoideus muscle
72. mylohyoideus muscle
73. anterior belly of digastric muscle
74. stylohyoideus muscle
75. superior belly of omohyoid muscle
76. inferior belly of omohyoid muscle
77. sternohyoideus muscle
78. sternothyroideus muscle
79. thyrohyoideus muscle
80. cricothyroid muscle
81. sternocleidomastoideus muscle
82. scalenus anterior muscle
83. scalenus medius muscle
84. scalenus posterior muscle
85. levator scapulae muscle
86. splenius capitis muscle

Vessels

87. common carotid artery
88. subclavian artery
89. internal jugular vein
90. external jugular vein
91. subclavian vein

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Glands

92. lacrimal gland
93. parotid gland
94. submandibular gland
95. thyroid gland
96. thyroid cartilage
97. medial thyrohyoid ligament
98. thyroid membrane

Superior Extremity

1. clavicle
2. acromion (acromial bone)
3. scapular spine
4. humerus

Muscles

5. deltoideus muscle
6. supraspinatus muscle
7. subscapularis muscle
8. coracobrachialis muscle
9. subclavius muscle
10. infraspinatus muscle
11. teres minor muscle
12. teres major muscle
13. latissimus dorsi muscle
14. long head of biceps brachii muscle
15. short (medial) head of biceps brachii muscle
16. brachialis muscle
17. lateral head of triceps brachii muscle
18. long head of triceps brachii muscle
19. medial head of triceps brachii muscle
20. brachioradialis muscle

21. extensor carpi radialis longus muscle
22. extensor carpi radialis brevis muscle
23. pronator teres muscle
24. flexor carpi radialis muscle
25. palmaris longus muscle
26. flexor carpi ulnaris muscle
27. flexor digitorum superficialis muscle
28. flexor digitorum profundus muscle
29. flexor pollicis longus muscle
30. pronator quadratus muscle
31. extensor digitorum muscle of hand
32. extensor digiti minimi muscle
33. extensor carpi ulnaris muscle
34. anconeus muscle
35. supinator muscle
36. abductor pollicis longus muscle
37. extensor pollicis brevis muscle
38. extensor pollicis longus muscle
39. extensor retinaculum
40. dorsal interosseous muscle of hand
41. abductor pollicis brevis muscle
42. flexor pollicis brevis muscle
43. adductor pollicis muscle
44. abductor digiti minimi muscle of hand
45. flexor retinaculum
46. tendon of flexor digitorum superficialis muscle
47. tendon of flexor pollicis longus muscle
48. tendon of extensor pollicis longus muscle
49. tendinous junction
50. tendon of extensor digitorum muscle of hand

Vessels

51. axillary artery
52. brachial artery
53. superior collateral ulnar artery
54. radial artery
55. ulnar artery
56. posterior interosseous artery
57. anterior interosseous artery
58. superficial palmar arch
59. common palmar digital arteries
60. proper palmar digital arteries

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Nerves

61. medial fasciculus of brachial plexus
62. lateral fasciculus of brachial plexus
63. medial cutaneous nerve of arm
64. ulnar nerve
65. median nerve
66. musculocutaneous nerve
67. axillary nerve
68. radial nerve
69. anterior interosseous nerve of foramen
70. superior branch of radial nerve
71. posterior cutaneous nerve of arm

Inferior Extremity

1. greater trochanter
2. patella
3. tibia
4. fibula
5. medial malleolus
6. lateral malleolus
7. metatarsal bone i
8. calcaneus
9. heel tendon

Muscles

10. gluteus maximus muscle
11. gluteus medius muscle
12. piriformis muscle
13. gemellus superior muscle
14. obturator internus muscle
15. gemellus inferior muscle

16. quadratus femoris muscle
17. tensor fasciae latae muscle
18. iliotibial tract
19. rectus femoris muscle
20. vastus lateralis muscle
21. vastus intermedius muscle
22. vastus medialis muscle
23. sartorius muscle
24. iliopsoas muscle
25. adductor longus muscle
26. pectineus muscle
27. gracilis muscle
28. adductor magnus muscle
29. semimembranosus muscle
30. semitendinosus muscle
31. long head of biceps femoris muscle
32. short head of biceps femoris muscle
33. tibialis anterior muscle
34. extensor digitorum longus muscle (of foot)
35. peroneus longus muscle
36. peroneus brevis muscle
37. lateral (great) head of gastrocnemius muscle
38. medial head of gastrocnemius muscle
39. soleus muscle
40. tibialis posterior muscle
41. popliteus muscle
42. flexor digitorum longus muscle
43. flexor hallucis longus muscle
44. extensor hallucis longus muscle
45. extensor hallucis brevis muscle
46. extensor digitorum brevis muscle of foot
47. abductor digiti minimi muscle of foot
48. abductor hallucis muscle
49. cruciate ligament of ankle

Vessels

50. femoral artery
51. femoral vein
52. descending branch of lateral circumflex femoral artery

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53. ascending branch of medial circumflex femoral artery
54. popliteal artery
55. posterior tibial artery
56. anterior tibial artery
57. lateral anterior malleolar artery

Nerves

58. sciatic nerve
59. femoral nerve
60. tibial nerve
61. common fibular nerve
62. deep peroneal nerve
63. superficial fibular nerve

TRUNK

Thorax

1. clavicle
2. breast bone
3. xiphoid process
4. manubrium of sternum
5. jugular notch
6. anterior sternoclavicular ligament
7. rib 1-12
8. costicartilage (costal cartilage)

Muscles

9. subclavius muscle
10. infraspinatus muscle
11. teres minor muscle
12. teres major muscle
13. latissimus dorsi muscle

14. thoracolumbar fascia
15. iliocostalis muscle
16. serratus posterior inferior muscle
17. longissimus thoracis muscle
18. rhomboideus major muscle
19. serratus posterior superior muscle
20. rhomboideus minor muscle
21. trapezius muscle, descending part
22. trapezius muscle, transverse part
23. trapezius muscle, ascending part
24. serratus anterior muscle
25. external intercostal muscle
26. internal intercostal muscle
27. pectoralis minor muscle
28. clavicular part of pectoralis major muscle
29. sternocostal part of pectoralis major muscle
30. abdominal part of pectoralis major muscle
31. transversus thoracis muscle
32. diaphragm
33. esophageal hiatus (opening)
34. tendinous centre (phrenic center)
35. foramen of vena cava
36. aortic hiatus (aortic opening)
37. thoracic part of esophagus (gullet)

Heart

38. right atrium
39. right auricle
40. right ventricle
41. left atrium
42. left auricle
43. left ventricle
44. interventricular septum
45. tricuspid valve (right av valve)
46. pulmonary valve
47. mitral valva (left av valve)
48. aortic valve
49. pulmonary truck
50. right pulmonary artery
51. left pulmonary artery
52. ascending aorta
53. thoracic part of aorta

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54. right brachiocephalic vein
55. left brachiocephalic vein
56. superior vena cava
57. inferior vena cava
58. right pulmonary veins
59. left pulmonary veins

Lung

60. right superior pulmonary lobe
61. horizontal fissure
62. right middle pulmonary lobe
63. oblique fissure
64. right inferior pulmonary lobe
65. pulmonary ligament
66. hilum of lung
67. left superior pulmonary lobe
68. lingula of left lung
69. left inferior pulmonary lobe
70. bifurcation of trachea
71. right principal bronchus
72. left principal bronchus
73. glandular lobules of breast
74. mammary papilla

Abdomen

75. Umbilicus

Muscle

76. obliquus internus abdominis muscle
77. obliquus externus abdominis muscle
78. anterior sheath of rectus abdominus muscle
79. white line of abdomen
80. rectus abdominis muscle
81. tendinous intersection

82. posterior sheath of rectus abdominus muscle
83. arcuate line
84. transversus abdominis muscle
85. quadratus lumborum muscle
86. psoas major muscle
87. iliacus muscle
88. piriformis muscle
89. levator ani muscle

Vessels

90. abdominal aorta
91. celiac trunk
92. testicular (ovarian) artery and vein
93. inferior mesenteric artery
94. bifurcation of aorta
95. common iliac artery
96. internal iliac artery
97. external iliac artery
98. external iliac vein
99. internal iliac vein
100. common iliac vein

Stomach

101. cardiac part of stomach
102. fundus of stomach
103. body of stomach
104. pyloric part of stomach
105. pylorus
106. right gastric artery
107. left gastric artery
108. right gastrointestinal artery
109. left gastrointestinal artery

Liver

110. right lobe of liver
111. left lobe of liver
112. caudate lobe of liver
113. quadrate lobe of liver
114. round ligament of liver
115. falciform ligament of liver
116. portal vein of liver
117. proper hepatic artery
118. common hepatic duct
119. cystic duct
120. gallbladder
121. common bile duct

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Pancreas

- 122. common hepatic artery
- 123. pancreatic cauda (pancreatic tail)
- 124. pancreatic body
- 125. pancreatic head

Duodenum

- 126. duodenal cap (duodenal bulb)
- 127. descending part of duodenum
- 128. horizontal part of duodenum
- 129. ascending part of duodenum
- 130. superior mesenteric artery
- 131. superior mesenteric vein
- 132. inferior mesenteric vein
- 133. spleen
- 134. splenic artery (lienal artery)
- 135. splenic vein
- 136. jejunum
- 137. ileum
- 138. ileocecal valve

Colon

- 139. cecum (blind sac)
- 140. vermiform appendage
- 141. ascending colon
- 142. transverse colon
- 143. descending colon
- 144. sigmoid colon (pelvic colon)
- 145. free taenia
- 146. mesentery

Kidney

- 147. right kidney
- 148. right ureter
- 149. right renal vein

- 150. left renal artery

Adrenal Gland

- 151. right suprarenal gland
- 152. suprarenal vein

Pelvic bones

- 153. sacral bone
- 154. coccygeal bone
- 155. pubic bone
- 156. crest of ilium

Male genital organs

- 157. penis
- 158. prepuce of penis
- 159. glans of penis
- 160. cavernous body of penis
- 161. spongy body of penis
- 162. scrotum
- 163. testis
- 164. head of epididymis
- 165. cremaster muscle
- 166. external spermatic fascia
- 167. inguinal (abdominal) canal
- 168. deferent duct (spermatic duct)
- 169. bladder
- 170. prostate
- 171. left ureter
- 172. seminal vesicle
- 173. rectum
- 174. sphincter ani externus muscle
- 175. urethra
- 176. pubic symphysis
- 177. visceral peritoneum

Female genital organs

- 178. ovarian canal (uterine tube)
- 179. round ligament of uterus
- 180. ovary
- 181. broad ligament of uterus
- 182. uterus
- 183. vagina
- 184. greater pudendal lip
- 185. clitoris