

Preamble

The main goal of this guidelines is description of the all lessons and exact information that should be prepared. During preparation students should use Reading Book 'Human anatomy' (Cherkasov), Work Book (Coloring book), 'Atlas of human anatomy' (Sobotta), 'Anatomy international nomenclature' (Cherkasov), 'Tests for preparation of anatomy practical classes' (Kancer) and all other sources that teacher proposes to use.




1.1.1

Module 1 Locomotor apparatus

Topic 1 Osteology

Lesson 1 Anatomical terminology. Planes, axes, surfaces. Cervical, thoracic and lumbar vertebra

Students should know:	Where you can find this information:	
1. Basic anatomical terms that are often used.		
2. Main anatomical planes, axis and surfaces of the body	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 55-57 pages 2-6 pages 001-005
3. General structure of vertebra	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 70-72 pages 9 pages 001-004
4. Differences between vertebrae cervical, thoracic and lumbar departments.	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 72-74 pages 10-11 pages 005-010
5. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 11-20, 36-38

Self-preparation

Students show know:	Where you can find this information:	
1. General skeletal structures	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 59-69 pages 7-8 pages 006-009

1.1.2

Module 1 Locomotor apparatus

Topic 1 Osteology

Lesson 2 Sacrum. Coccyx. Ribs and sternum.

Students should know:	Where you can find this information:	
1. All structures of the sacrum	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 74-75 page 11 pages 010-011
2. All structures of the coccyx	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 75-76 pages 11 pages 011
3. All structures of the ribs - true ribs [I-VII]; false ribs [VII -XII]; oscillating edge [XI-XII]	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 77-78 pages 12 pages 048-049
4. All structures of the sternum	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 76-77 pages 12 pages 050-051
5. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 38-40

Self-preparation

Students show know:	Where you can find this information:	
1. Axial skeleton	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 70-72 pages 8 pages 003-025

1.1.3

Module 1 Locomotor apparatus**Topic 1** Osteology**Lesson 3** Occipital, parietal, frontal bones.

Students should know:	Where you can find this information:	
1. All structures of the frontal bone of the skull (internal, external, inferior surfaces)	- Reading Book 'Human anatomy' (Cherkasov)	pages 80-81
	- Work Book (Coloring book)	pages 13
	- Atlas Sobotta Volume 1	page 048
2. All structures of the parietal bone of the skull (internal and external surfaces)	- Reading Book 'Human anatomy' (Cherkasov)	pages 79-80
	- Work Book (Coloring book)	pages 15
	- Atlas Sobotta Volume 1	pages 035-039
3. All structures of the occipital bone of the bone (internal, external, anterior surfaces)	- Reading Book 'Human anatomy' (Cherkasov)	pages 81-82
	- Work Book (Coloring book)	page 14
	- Atlas Sobotta Volume 2	pages 057, 042-043
4. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 23-32

Self-preparation

Students show know:	Where you can find this information:	
1. General characteristics of the skull	- Reading Book 'Human anatomy' (Cherkasov)	pages 79-81
	- Work Book (Coloring book)	page 25
	- Atlas Sobotta Volume 2	pages 034-035

1.1.4

Module 1 Locomotor apparatus

Topic 1 Osteology

Lesson 4 Sphenoid and ethmoidal bone.

Students should know:	Where you can find this information:	
1. All structures of the sphenoid bone of the skull (anterior, posterior, superior and inferior surfaces)	- Reading Book ‘Human anatomy’ (Cherkasov)	pages 86-87
	- Work Book (Coloring book)	page 17
	- Atlas Sobotta Volume 1	page 56-57, 40-43
2. All structures of the ethmoid bone of the skull (internal, lateral, superior surfaces)	- Reading Book ‘Human anatomy’ (Cherkasov)	pages 87-88
	- Work Book (Coloring book)	page 16
	- Atlas Sobotta Volume 1	pages 038, 040, 048, 050-055
3. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 28-29, 32

1.1.5

Module 1 Locomotor apparatus

Topic 1 Osteology

Lesson 5 Temporal bone. Canals of the temporal bone.

Students should know:	Where you can find this information:	
1. All structures of the temporal bone of the skull (external, internal and inferior view); Beginnings and ends of the canals of the temporal bone	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 82-86 page 18-19 page 058-059
2. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 29-32

1.1.6

Module 1 Locomotor apparatus**Topic 1** Osteology**Lesson 6** Bones of facial cranium

Students should know:	Where you can find this information:	
1. All structures of the maxilla	- Reading Book 'Human anatomy' (Cherkasov)	pages 89
	- Work Book (Coloring book)	page 20
	- Atlas Sobotta Volume 1	page 034, 049
2. All structures of the mandibula	- Reading Book 'Human anatomy' (Cherkasov)	pages 88
	- Work Book (Coloring book)	page 23
	- Atlas Sobotta Volume 1	page 060-061
3. All structures of zygomatic bones	- Reading Book 'Human anatomy' (Cherkasov)	pages 90
	- Work Book (Coloring book)	page 22
	- Atlas Sobotta Volume 1	page 035, 053
4. All structures of the lacrimal bones	- Reading Book 'Human anatomy' (Cherkasov)	pages 90
	- Work Book (Coloring book)	page 22
	- Atlas Sobotta Volume 1	page 053-055
5. All structures of the palatine bones	- Reading Book 'Human anatomy' (Cherkasov)	pages 90
	- Work Book (Coloring book)	page 21
	- Atlas Sobotta Volume 1	page 049-052

6. All structures of the inferior nasal concha	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1 	<ul style="list-style-type: none"> pages 90 page 22 page 051
7. All structures of vomer	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1 	<ul style="list-style-type: none"> pages 90 page 22 page 050, 054, 034
8. All structures of nasal bones	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1 	<ul style="list-style-type: none"> pages 90 page 25 page 034
9. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 32-36

1.1.7

Module 1 Locomotor apparatus

Topic 1 Osteology

Lesson 7 Orbita, bony nasal cavity. Bony palatine.

Students should know:	Where you can find this information:	
1. All bones of the bony orbit	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 91 page 24 page 053-055
2. All bones of the bony nasal cavity	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 90 page 24 page 050-051
3. All bones of the bony palatine	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 92 page 21 page 049-052

1.1.8

Module 1 Locomotor apparatus

Topic 1 Osteology

Lesson 8 External et internal surface of the cranial base. Temporal, infratemporal, pterygopalatine fossa.

Students should know:	Where you can find this information:	
1. All bones and structures of the bones of the external surface of the cranial base	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 92 page 26 page 042-043
2. All bones and structures of the bones of the internal surface of the cranial base	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 93 page 26 page 040-041
3. All bones and structures of the bones of the temporal, infratemporal, pterygopalatine fossa.	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 92 page 25-26 page 035, 043, 053
4. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 23-36

1.1.9

Module 1 Locomotor apparatus

Topic 1 Osteology

Lesson 9 Bones of the upper limb

Students should know:	Where you can find this information:	
1. All structures of the scapula	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 97 page 29 page 160
2. All structures of the clavicle	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 96 page 29 page 159
3. All structures of the humerus	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 96 page 29 page 161
4. All structures of the ulna	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 98-99 page 30 page 166
5. All structures of the radius	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 98-99 page 30 page 167

6. All structures of the carpal, metacarpal bones and bones of the phalanges	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1 	<p>pages 100</p> <p>page 31</p> <p>page 171-172</p>
7. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 40-44

1.1.10

Module 1 Locomotor apparatus

Topic 1 Osteology

Lesson 10 Bones of the lower limb

Students should know:	Where you can find this information:	
1. All structures of the pelvis	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 100-102 page 33-34 page 264-267, 273
2. All structures of the femur	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 103-104 page 35 page 275-277, 280-281
3. All structures of the tibia	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 105-106 page 35 page 282
4. All structures of the fibula and patella	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 105-106 page 35 page 283-284, 291
5. All structures of the tarsal, metatarsal bones and bones of the phalanges	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2	pages 105-107 page 36 page 295-299
6. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 44-50

1.1.11

Module 1 Locomotor apparatus

Topic 1 Osteology

Lesson 11 Concluding session

During conclusion lesson students should demonstrate knowledge of all material that is described above (1.1.1 – 1.1.11) including terminology and all structures of the bones. Students should be able to show all necessary structures in Atlas and work color book.

1.2.1

Module 1 Locomotor apparatus

Topic 2 Arthrology

Lesson 1 Types of joints, structural and functional classification of joints

Students should know:	Where you can find this information:	
1. Types of joints	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 111 page 37-38 page 009
2. Structural and functional classification of joints	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 111-112 page 37-38 page 010
3. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 51-52

1.2.2

Module 1 Locomotor apparatus**Topic 2** Arthrology**Lesson 2** Joints of the trunk and skull

Students should know:	Where you can find this information:	
1. All structures of the intervertebral joints	- Reading Book 'Human anatomy' (Cherkasov)	pages 111-112
	- Work Book (Coloring book)	page -
	- Atlas Sobotta Volume 2	page 024-025
2. All structures of the temporomandibular joint	- Reading Book 'Human anatomy' (Cherkasov)	pages 118
	- Work Book (Coloring book)	page 39
	- Atlas Sobotta Volume 1	page 062-065
3. All sutures of the skull	- Reading Book 'Human anatomy' (Cherkasov)	pages -
	- Work Book (Coloring book)	page -
	- Atlas Sobotta Volume 1	page 035-037
4. All structures of the sternoclavicular joint	- Reading Book 'Human anatomy' (Cherkasov)	pages 118
	- Work Book (Coloring book)	page -
	- Atlas Sobotta Volume 2	page 151
5. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 53-58

1.2.3

Module 1 Locomotor apparatus

Topic 2 Arthrology

Lesson 3 Joints of the upper limb

Students should know:	Where you can find this information:	
1. All structures and type of the shoulder joint.	- Reading Book 'Human anatomy' (Cherkasov)	pages 119
	- Work Book (Coloring book)	page 40
	- Atlas Sobotta Volume 1	page 162-165
2. All structures and type of the elbow joint.	- Reading Book 'Human anatomy' (Cherkasov)	pages 119
	- Work Book (Coloring book)	page 41
	- Atlas Sobotta Volume 1	page 168-170
3. All structures and type of the carpal and phalangeal joints.	- Reading Book 'Human anatomy' (Cherkasov)	pages 119
	- Work Book (Coloring book)	page 42
	- Atlas Sobotta Volume 1	page 173-175
4. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 58-61

1.2.4

Module 1 Locomotor apparatus

Topic 2 Arthrology

Lesson 4 Joints of the lower limb

Students should know:	Where you can find this information:	
1. All structures and type of the pelvic joint	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2 	<ul style="list-style-type: none"> pages 120-121 page 43 page 268-272
2. All structures and type of the hip joint	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2 	<ul style="list-style-type: none"> pages 120 page 43 page 278-280
3. All structures and type of the knee joint.	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2 	<ul style="list-style-type: none"> pages 120-122 page 45 page 284-293
4. All structures and type of the tarsal and phalangeal joints.	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2 	<ul style="list-style-type: none"> pages 123-124 page 46 page 300-305
5. Terminology	<ul style="list-style-type: none"> - Anatomy international nomenclature (Cherkasov) 	<ul style="list-style-type: none"> pages 61-66

1.2.5

Module 1 Locomotor apparatus

Topic 2 Arthrology

Lesson 5 Concluding session

During conclusion lesson students should demonstrate knowledge of all material that is described above (1.2.1 – 1.2.4) including terminology and all structures of the bones. Students should be able to show all necessary structures in Atlas and work color book.

1.3.1

Module 1 Locomotor apparatus**Topic 3** Myology**Lesson 1** Muscles and fascia of the back

Students should know:	Where you can find this information:	
1. Origin, insertion and function of the superficial muscles of the back m. trapezius m. latissimus dorsi m. levator scapulae m. rhomboideus major m. rhomboideus minor m. serratus superior posteriors m. serratus inferior posteriors	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 136-137 page 48 page 026-027
2. Origin, insertion and function of the deep muscles of the back (medial tract) m. splenius capitis m. splenius cervicis mm. semispinales mm. multifidi mm. rotatores mm. interspinales mm. intertransversarii mm. suboccipitals	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 138-140 page 49 page 030-034
3. Origin, insertion and function of the deep muscles of the back (lateral tract) m. erector spinae (m. iliocostalis, m. longissimus, m. spinalis)	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 138-140 page 49 page 028
4. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 71-75

1.3.2

Module 1 Locomotor apparatus**Topic 3** Myology**Lesson 2** Muscles and fascia of the thorax and abdomen. Linea alba, sheath of the rectus abdominal muscle, inguinal canal.

Students should know:	Where you can find this information:	
<p>1. Origin, insertion and function of the muscles of the thorax</p> <p><u>superficial muscles</u> m. pectoralis major m. pectoralis minor m. serratus anterior</p> <p><u>deep muscles</u> mm. intercostales externi mm. intercostales interni mm. subcostales m. transverses thoracis</p>	<p>- Reading Book 'Human anatomy' (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 1</p>	<p>pages 141-142</p> <p>page 48, 50</p> <p>page 053-055</p>
<p>2. Fascia of the thorax</p> <p>fascia clavipectoralis fascia pectoralis fascia clavipectoralis fascia thoracica fascia endothoracica</p>	<p>- Reading Book 'Human anatomy' (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume</p>	<p>pages 141-142</p> <p>page -</p> <p>page</p>
<p>3. Origin, insertion and function of the muscles and fascia of the abdomen</p> <p><u>frontal group</u> m. rectus abdominis m. pyramidalis</p> <p><u>lateral group</u> m. obliquus externus m. obliquus internus m. transversus</p> <p><u>dorsal group</u> m. quadratus lumborum</p>	<p>- Reading Book 'Human anatomy' (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume</p>	<p>pages 146-148</p> <p>page 51</p> <p>page 056-059</p>

<p>4. Fascia of the abdomen</p> <p>fascia superficial lumbar-iliac fascia transverse fascia</p>	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 	<p>pages 146-148</p> <p>page 51</p> <p>page</p>
<p>5. Structures of the linea alba</p>	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 	<p>pages 148</p> <p>page 51</p> <p>page 072</p>
<p>6. Structures of the sheath of the rectus abdominal muscle</p>	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2 	<p>pages 147</p> <p>page -</p> <p>page 072</p>
<p>7. Structures and location of the inguinal canal (external and internal inguinal ring)</p>	<ul style="list-style-type: none"> - Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 2 	<p>pages</p> <p>page -</p> <p>page 060-061</p>
<p>8. Terminology</p>	<ul style="list-style-type: none"> - Anatomy international nomenclature (Cherkasov) 	<p>pages 74-79</p>

1.3.3

Module 1 Locomotor apparatus

Topic 3 Myology

Lesson 3 Muscles and fascia of the head. Diaphragm.

<p>1. Origin, insertion and function of the muscles and fascia of the head (mimic muscles)</p> <p>m. epicranii m. occipitofrontalis (venter occipitalis, venter frontalis) m. temporoparietalis m. procerus m. corrugator supercilii</p> <p><u>Ear muscles:</u> m. auricularis superior m. auricularis anterior m. auricularis posterior</p> <p><u>Eye muscles:</u> m. orbicularis oculi (pars orbitalis, pars palpebralis, pars profundal)</p> <p><u>Nose muscles:</u> m. nasalis (pars transversa, pars alaris)</p> <p><u>Mouth muscles:</u> m. orbicularis oris (pars marginalis, pars labialis) m. depressor anguli oris m. depressor labii inferioris m. mentalis m. levator anguli oris m. levator labii superioris m. levator labii superioris et alaeque nasi m. zygomaticus minor m. zygomaticus major m. buccinator m. risorius</p>	<p>- Reading Book ‘Human anatomy’ (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 1</p>	<p>pages 149-152</p> <p>page 52</p> <p>pages 070-073</p>
<p>2. Origin, insertion and function of the muscles and fascia of the head</p>	<p>- Reading Book ‘Human anatomy’ (Cherkasov)</p>	<p>pages 149-152</p>

(muscles of mastication) m. masseter m. temporalis m. pterygoideus medialis m. pterygoideus lateralis	- Work Book (Coloring book) - Atlas Sobotta Volume 1	page 53 page 064-069
3. Origin, insertion and function of the muscles of Diaphragm central tendon pars lumbales pars costalis pars sternalis	- Reading Book 'Human anatomy' (Cherkasov) - Work Book (Coloring book) - Atlas Sobotta Volume 1	pages 143-144 page 50 page 062-063
4. Terminology	- Anatomy international nomenclature (Cherkasov)	pages 68-69

1.3.4

Module 1 Locomotor apparatus

Topic 3 Myology

Lesson 4 Muscles, fascia and topography of the neck

<p>1. Origin, insertion and function of the superficial muscles of the neck</p> <p>m. platysma m. sterno-cleido-mastoideus m. digastricus m. stylohyoideus m. mylohyoideus m. geniohyoideus m. omohyoidea m. snternohyoideus m. sternothyroideus m. thyrohyoideus</p>	<p>- Reading Book ‘Human anatomy’ (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 1</p>	<p>pages 153-158</p> <p>page 54</p> <p>page 118-120</p>
<p>2. Origin, insertion and function of the deep muscles of the neck</p> <p>m. scalenus anterior m. scalenus medius m. scalenus posterior m. capitis longus</p>	<p>- Reading Book ‘Human anatomy’ (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 1</p>	<p>pages 153-158</p> <p>page 54</p> <p>page 121</p>
<p>3. Fascia and topography of the neck</p>	<p>- Reading Book ‘Human anatomy’ (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 1</p>	<p>pages 157-158</p> <p>page 55</p> <p>page 119</p>
<p>4. Terminology</p>	<p>- Anatomy international nomenclature (Cherkasov)</p>	<p>pages 70-71</p>

1.3.5

Module 1 Locomotor apparatus

Topic 3 Myology

Lesson 5 Muscles of the upper limb. Fascia and topography of the upper limb.

<p>1. Origin, insertion and function of the muscles of the shoulder girdle</p> <p>m. deltoideus m. supraspinatus m. infraspinatus m. teres minor m. teres major m. subscapularis</p>	<p>- Reading Book 'Human anatomy' (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 1</p>	<p>pages 159-161</p> <p>page 56</p> <p>page 180-183</p>
<p>2. Origin, insertion and function of the muscles of the shoulder</p> <p>m. biceps brachii m. brachialis m. triceps brachii m. anconeus m. coracobrachialis m. brachioradialis</p>	<p>- Reading Book 'Human anatomy' (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 1</p>	<p>pages 160-162</p> <p>page 56</p> <p>page 185-191</p>
<p>3. Origin, insertion and function of the muscles of the forearm</p> <p>m. flexor carpi radialis m. flexor carpi ulnaris m. palmaris longus m. pronator teres</p> <p>m. flexor digitorum superficialis m. flexor digitorum profundus m. flexor pollicis longus m. pronator quadratus m. extensor carpi radialis longus m. extensor digitorum m. extensor digiti minimi m. supinator m. abductor pollicis longus m. extensor pollicis brevis m. extensor pollicis longus m. extensor indicis</p>	<p>- Reading Book 'Human anatomy' (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 1</p>	<p>pages 162-166</p> <p>page 56</p> <p>page 192-204</p>

<p>4. Origin, insertion and function of the muscles of hand</p> <p>m. abductor pollicis brevis m. adductor pollicis m. palmaris brevis m. abductor digiti minimi m. opponens digiti minimi m. flexor digiti minimis brevis m. lumbricales m. interossei palmares m. interossei dorsales</p>	<p>- Reading Book 'Human anatomy' (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 1</p>	<p>pages 166-168</p> <p>page 56</p> <p>page 205-213</p>
<p>5. Fascia and topography of the upper limb.</p>	<p>- Reading Book 'Human anatomy' (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 1</p>	<p>pages -</p> <p>page -</p> <p>page 178</p>
<p>6. Terminology</p>	<p>- Anatomy international nomenclature (Cherkasov)</p>	<p>pages 79-81</p>

1.3.6

Module 1 Locomotor apparatus

Topic 3 Myology

Lesson 6 Muscles of the lower limb. Fascia and topography of the lower limb.

<p>1. Origin, insertion and function of the muscles of the hip</p> <p>m. iliopsoas m. piriformis m. gemellus inferior m. gluteus maximus m. gluteus medius m. gluteus minimus m. obturatorius externus</p>	<p>- Reading Book ‘Human anatomy’ (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 2</p>	<p>pages 169-171</p> <p>page 57</p> <p>page 310-318</p>
<p>2. Origin, insertion and function of the muscles of the thigh</p> <p>m. tensor fasciae latae m. sartorius m. quadriceps femoris m. biceps femoris m. semitendinosus m. semimembranosus m. pectineus m. gracilis m. adductor brevis m. adductor magnus m. adductor longus</p>	<p>- Reading Book ‘Human anatomy’ (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 2</p>	<p>pages 171-174</p> <p>page 59</p> <p>page 312-316, 318-321</p>
<p>3. Origin, insertion and function of the muscles of calf</p> <p>m. extensor digitorum longus m. gastrocnemius m. soleus m. plantaris m. orliteus m. flexor digitorum m. flexor hallucis longus m. tibialis posterior m. fibularis longus m. fibularis brevis m. extensor digitorum brevis m. extensor hallucis brevis</p>	<p>- Reading Book ‘Human anatomy’ (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 2</p>	<p>pages 175-178</p> <p>page 59</p> <p>page 324-332</p>

<p>4. Origin, insertion and function of the muscles of foot</p> <p>m. abductor hallucis; m. flexor hallucis brevis; m. adductor hallucis; m. abductor digiti minimi m. flexor digiti minimi m. orrons digiti minimi m. flexor digitorum brevis m. quadratus plantae. m. lumbricales m. interossei</p>	<p>- Reading Book ‘Human anatomy’ (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 2</p>	<p>pages 175-178</p> <p>page 59</p> <p>page 333-343</p>
<p>5. Fascia and topography of the lower limb.</p>	<p>- Reading Book ‘Human anatomy’ (Cherkasov)</p> <p>- Work Book (Coloring book)</p> <p>- Atlas Sobotta Volume 2</p>	<p>pages 169-178</p> <p>page -</p> <p>page 306-307</p>
<p>6. Terminology</p>	<p>- Anatomy international nomenclature (Cherkasov)</p>	<p>pages 82-86</p>

1.3.7

Module 1 Locomotor apparatus

Topic 3 Myology

Lesson 7 Concluding session

During conclusion lesson students should demonstrate knowledge of all material that is described above (1.3.1 – 1.3.6) including terminology and all structures of the bones. Students should be able to show all necessary structures in Atlas and work color book.