

MUSCULOSKELETAL SYSTEM

1. Syndesmosis (description, example); foot interossous muscles
2. Synchondrosis (description, example); muscles of the hip – posterior group, deep layer (pelvitrochanteric)
3. Synostosis (description, example); leg muscles – posterior compartment, deep layer
4. General description of the diarthrosis (synovial joint); facial muscles – muscles of the calvaria, muscles around the nose
5. Accessory features of synovial joints; trapezius, latissimus dorsi
6. Amphiarthrosis (description, example); forearm muscles – anterior compartment, superficial layer
7. Plane joint (description, example); leg muscles – anterior compartment
8. Arthrodia, enarthrosis (description, examples); leg muscles – posterior compartment, superficial layer
9. Lateral atlanto-axial joint; leg muscles – lateral compartment
10. Pivot joint (description, example); dorsal muscles of the arm
11. Hinge joint (description, example); muscles of the back – heterochtonous (extrinsic), spinocostal muscles
12. Saddle joint (description, example); muscles of the forearm – anterior compartment, middle and deep layer
13. Ellipsoid joint (description, example); muscles of the forearm – posterior compartment, superficial layer
14. Hinge joint (ginglymus) (description, example); forearm muscles – posterior compartment, deep layer
15. Monoaxial joints (description, example); deep layer of muscles of the sole
16. Biaxial joints (description, example); middle layer of muscles of the sole
17. Triaxial joints (description, example); diaphragm
18. Articular disc and meniscus – schema, examples; muscles of the hip – posterior group – superficial layer (gluteal muscles)
19. Ball and socket joint (examples); anterior compartment of the thigh
20. Temporomandibular joint; deep muscles of the back – spinotransversal system
21. Joint of head of rib; rectus sheath – schema; linea alba
22. Costotransverse joint; posterior compartment of the thigh
23. Intervertebral joint; medial compartment of the thigh

24. Sternocostal connections; dorsal muscles of the foot
25. Long and shorts ligaments of the vertebral column; superficial layer of muscles of the sole
26. Atlanto-occipital joint; anterior compartment of abdominal muscles
27. Median atlanto-axial joint; lateral group of abdominal muscles
28. Intervertebral discs, shape and movements of the vertebral column; hand muscles – thenar muscles
29. Sternoclavicular joint; lateral compartment of forearm muscles
30. Acromioclavicular joint; deep muscles of the back - transversospinal system
31. Syndesmoses of the shoulder girdle; muscles of the thorax – proper muscles of the thorax
32. Shoulder joint – articular surfaces, articular capsule; inguinal canal
33. Shoulder joint – accessory features of the joint, movements; suprahyoid muscles
34. Elbow joint – articular surfaces, type of the joint; infrahyoid muscles
35. Elbow joint – capsule attachment, accessory features of the joint, movements; scalene and prevertebral (deep cervical) muscles
36. Radiocarpal joint; posterior group of abdominal muscles
37. Mediocarpal joint; inguinal ligament, vascular and muscular spaces (lacunae), fascia of abdominal muscles
38. II-V carpometacarpal joints; back muscles – suboccipital muscles, fascia of the back
39. Carpometacarpal joint of thumb; deep muscles of the back – spinospinal and sacrospinal systems
40. Sacroiliac joint; hand muscles – lumbricals and interossei
41. Syndesmoses of the pelvic girdle; levator scapulae and rhomboids
42. Hip joint – articular surfaces, articular capsule; hand muscles – hypothenar muscles
43. Hip joint – accessory features of the joint, movements; masticatory muscles, head fasciae
44. Knee joint – articular surfaces, articular capsule (schema - fibrous capsule and synovial membrane); shoulder muscles, fasciae
45. Knee joint – accessory features of the joint, movements; hand fasciae
46. Tibiofibular joint and syndesmoses; arm muscles – anterior group, arm fasciae
47. Talocrural joint – articular surfaces, movements; carpal tunnel
48. Talocrural joint – collateral ligaments; muscles of the thorax – superficial layer

49. Tarsal transversal joint (Chopart's joint); platysma, sternocleidomastoideus, fascia of the neck
50. Tarsometatarsal joint (Lisfranc's joint); facial muscles – muscles around the orbit, buccinator
51. Arches of the foot – arrangement of the bones and supporting muscles; facial muscles – muscles around the mouth

Note: In all muscles/muscle groups is necessary to know their origin, insertion, innervation and function.