

Anatomisk terminologi

Pawel Szaro, M.D, Ph.D

SK Muskuloskeletal kurs 2021,
Göteborg

Anatomi och normala varianter

ANATOMISK TERMINOLOGI	1
SKELETON AXIALE	5
COLUMNA VERTEBRALIS	5
<i>Atlas C1</i>	5
<i>Axis C2</i>	5
<i>Vertebra prominens C7</i>	5
<i>Vertebrae thoracicae Th1-12</i>	6
<i>Vertebrae lumbales L1-L5</i>	6
<i>Os sacrum S1-S5</i>	6
<i>Os coccygis</i>	6
THORAX	6
<i>Costae</i>	6
<i>Cartilago costalis</i>	6
<i>Costa prima</i>	7
<i>Costa secunda</i>	7
<i>Sternum</i>	7
<i>Cavitas thoracis</i>	7
IUNCTURAE COLUMNAE VERTEBRALIS	7
<i>Articulatio atlatooccipitalis</i>	7
<i>Ligamenta</i>	7
<i>Discus intervertebralis</i>	8
SKELETON APPENDICULARE: OSSA MEMBRI SUPERIORIS	9
CINGULUM MEMBRI SUPERIORIS	9
<i>Scapula</i>	9
<i>Clavicula</i>	9
<i>Humerus</i>	9
<i>Radius</i>	10
<i>Ulna</i>	10
<i>Ossa carpi</i>	11
<i>Ossa metacarpi</i>	11
<i>Radius</i>	11
<i>Ossa digitorum phalanges</i>	11
IUNCTURAE CINGULI MEMBRI SUPERIORIS	12
<i>Articulatio sternoclavicularis</i>	12
<i>Articulatio acromioclavicularis</i>	12
<i>Syndesmoses scapulae</i>	12
<i>Articulatio humeri</i>	12
<i>Articulatio cubiti</i>	12
<i>Antebrachium</i>	12
<i>Articulatio radioulnaris distal radioulnar joint distalis</i>	12
<i>Articulatio radiocarpalis</i>	12
<i>Articulationes carpi</i>	13
<i>Articulatio ossis pisiformis</i>	13
SKELETON APPENDICULARE: OSSA MEMBRI INFERIORIS	14
<i>Os coxae</i>	14

<i>Os ilium</i>	14
<i>Os ischium</i>	14
<i>Os pubis</i>	14
<i>Pelvis</i>	15
<i>Femur</i>	15
<i>Patella</i>	15
<i>Tibia</i>	15
<i>Fibula</i>	16
<i>Ossa tarsi</i>	16
<i>Talus</i>	16
<i>Calcaneus</i>	17
<i>Os naviculare</i>	17
<i>Os cuneiforme mediale Os cuneiforme intermedium</i>	17
<i>Os cuneiforme laterale</i>	17
<i>Os cuboideum</i>	17
<i>Ossa metatarsi</i>	17
<i>Ossa digitorum</i>	17
IUNCTURAE CINGULI MEMBRI INFERIORIS	18
<i>Symphysis pubica</i>	18
<i>Articulatio sacroiliaca</i>	18
<i>Articulatio coxae</i>	18
<i>Articulatio genus</i>	18
<i>Articulatio tibiofibularis</i>	19
<i>Syndesmosis tibiofibularis</i>	19
<i>Articulatio talocruralis</i>	19
<i>Articulationes pedis</i>	19
<i>Articulatio tarsi transversa</i>	19
<i>Articulatio calcaneocuboidea</i>	19
<i>Articulation tarsi transversa (Chopart)</i>	19
<i>Övriga ligament och leder</i>	20
<i>Articulationes tarsometatarsales (Lisfranc)</i>	20
<i>Articulationes intermetatarsales</i>	20
<i>Articulationes metatarsophalangeae</i>	20
<i>Articulationes interphalangeae</i>	20

Skeleton axiale

Columna vertebralis

Canalis vertebralis
Corpus vertebrae
Arcus vertebrae
Pediculus arcus vertebrae
Lamina arcus vertebrae
Foramen intervertebrale
Incisura vertebralis sup.
Incisura vertebralis inf.
Foramen vertebrale
Processus spinosus
Processus transversus
Processus costalis
Processus articularis sup
Processus articularis inf

Vertebrae cervicales C1-C7
Uncus corporis
Foramen processus transversi
Tuberculum anterius
Tuberculum posterius
Sulcus nervi spinalis

Atlas C1

Massa lateralis
Facies articularis sup
Facies articularis inf
Arcus anterior
Fovea dentis
Tuberculum anterius
Arcus posterior
Sulcus arteriae vertebralis
Tuberculum posterius

Axis C2

Dens
Apex dentis
Facies articularis ant
Facies articularis post.

Vertebra prominens C7

Vertebrae thoracicae Th1-12

Fovea costalis superior
Fovea costalis inferior
Fovea costalis processus trsv.

Vertebrae lumbales L1-L5

Processus accessorius
Processus mamillaris

Os sacrum S1-S5

Basis ossis sacri
Promontorium
Ala sacralis
Processus articularis sup.
Pars lateralis
Facies auricularis
Tuberositas sacralis
Facies pelvina
Lineae transversae
Foramina intervertebralia
Foramina sacralia anteriora
Facies dorsalis
Crista sacralis mediana
Foramina sacralia posteriora
Cornu sacrale
Canlis sacralis
Hiatus sacralis
Apex ossis sacri

Os coccygis

Cornu coccygeum

Thorax

Costae

Cartilago costalis

Caput costae
Facies articularis capitis costae
Crista capitis costae
Collum costae
Corpus costae
Tuberculum costae (Facies articularis tuberculi)

Costa prima

Tuberculum musculi scaleni anterioris
Scalene tubercle
Sulcus arteriae subclaviae
Sulcus venae subclaviae

Costa secunda

Tuberositas m.serrati ant.

Sternum

Manubrium sterni
Incisura clavicularis
Incisura jugularis
Angulus sterni
Corpus sterni
Processus xiphoideus
Incisurae costales

Cavitas thoracis

Apertura thoracis sup.
Apertura thoracis inf.
Arcus costalis
Spatium intercostale

Iuncturae columnae vertebralis

Articulationes zygoapophysiales - Articulationes intervertebrales (facetleder)
Lig. iliolumbale
Articulatio sacrococcygea

Articulatio atlantooccipitalis

Membrana atlantooccipitalis anterior
Membrana atlantooccipitalis posterior
Ligamentum atlantooccipitale laterale
Articulatio atlantoaxialis mediana
Ligamenta alaria
Lig. apicis dentis
Lig. cruciformae atlantis
Fasciculi longitudinales
Lig. transversum atlantis
Membrana tectoria

Ligamenta

Ligamenta interspinalia
Ligamenta intertransversaria
Ligamenta flava
Ligamentum supraspinale
Ligamentum nuchae
Lig. longitudinale ant.
Lig. longitudinale post.

Discus intervertebralis

Annulus fibrosus
Nucleus pulposus

Skeleton appendiculare: ossa membri superioris

Cingulum membri superioris

Scapula

Facies costalis
Fossa subscapularis
Facies dorsalis
Spina scapulae
Fossa supraspinata
Fossa infraspinata
Acromion
Facies articularis acromii
Angulus acromialis
Margo medialis
Margo lateralis
Margo superior
Incisura scapulae
Angulus inferior
Angulus lateralis
Angulus superior
Cavitas glenoidalis
Tuberculum supraglenoidale
Tuberculum infraglenoidale
Collum scapulae
Processus coracoideus

Clavicula

Extremitas sternalis
Facies articularis sternalis
Impressio ligamenti costo-clavicularis
Corpus claviculae
Sulcus musculi subclavii
Extremitas acromialis
Facies articularis acromialis
Tuberculum conoideum
Linea trapezoidea

Humerus

Caput humeri
Collum anatomicum
Collum chirurgicum
Tuberculum maius
Tuberculum minus
Sulcus intertubercularis

Crista tuberculi maioris
Crista tuberculi minoris
Corpus humeri
Sulcus nervi radialis
Crista supraepicondylaris med.
Crista supraepicondylaris lat.
Tuberositas deltoidea
Condylus humeri
Capitulum humeri
Trochlea humeri
Fossa olecrani
Fossa coronoidea
Fossa radialis
Epicondylus medialis
Sulcus nervi ulnaris
Epicondylus lateralis

Radius

Caput radii
Fovea articularis
Circumferentia articularis
Collum radii
Corpus radii
Tuberositas radii
Processus styloideus
Tuberculum dorsale
Incisura ulnaris
Facies articularis carpea

Ulna

Olecranon
Processus coronoideus
Tuberositas ulnae
Incisura trochlearis
Incisura radialis
Corpus ulnae
Crista musculi supinatoris
Caput ulnae
Circumferentia articularis
Processus styloideus

Ossa carpi

Os scaphoideum, tuberculum ossis scaphoidei
Os lunatum
Os triquetrum
Os pisiforme
Os trapezium, tuberculum ossis trapezii
Os trapezoideum
Os capitatum

Ossa metacarpi

Basis metacarpalis
Corpus metacarpale
Caput
Processus styloideus (bara os metacarpale 3)

Radius

Ossa digitorum phalanges

Phalanx proximalis
Phalanx media
Phalanx distalis
Tuberositas phalangis distalis
Basis phalangis
Corpus phalangis
Caput phalangis
Ossa sesamoidea

Iuncturae cinguli membri superioris

Articulatio sternoclavicularis

Discus articularis
Lig.sternoclaviculare ant.
Lig.sternoclaviculare post.
Lig.costoclaviculare
Lig.interclaviculare

Articulatio acromioclavicularis

Lig.acromioclaviculare
Discus articularis
Lig.coracoclaviculare (ligamentum trapezoideum och ligamentum conoideum)

Syndesmoses scapulae

Lig.coracoacromiale
Lig. transversum scapulae sup.
Lig. transversum scapulae inf.

Articulatio humeri

Labrum glenoidale
Ligamenta glenohumeralia (SGHL, MGHL, IGHL)
Ligamentum coracohumerale
Ligamentum transversum humeri

Articulatio cubiti

Articulatio humeroulnaris
Articulatio humeroradialis
Articulatio radioulnaris proximalis
Ligamentum collaterale ulnare
Ligamentum collaterale radiale
Ligamentum anulare radii

Antebrachium

Membrana interossea antebrachii
Chorda obliqua

Articulatio radioulnaris distal radioulnar joint distalis

Discus articularis
Recessus sacciformis

Articulatio radiocarpalis

Articulationes carpi

Lig. scapholunatum
Lig. lunotriquetrum

Lig. radiocarpale dorsale
Lig. radiocarpale palmare
Lig. ulnocarpale palmare

Lig. carpi radiatum
Lig. collaterale carpi ulnare
Lig. collateral carpi radiale

Lig. intercarpalia dorsalia
Lig. intercarpalia palmaria
Lig. intercarpalia interossea

Articulatio ossis pisiformis

Lig. pisohamatum
Lig. pisometacarpale
Canalis carpi

Skeleton appendiculare: ossa membri inferioris

Os coxae

Acetabulum
Limbus acetabuli
Fossa acetabuli
Incisura acetabuli
Facies lunata
Foramen obturatum

Os ilium

Corpus ossis ilii
Sulcus supraacetabularis
Ala ossis ilii
Linea arcuata
Crista iliaca
Spina iliaca ant.sup.
Spina iliaca ant.inf.
Spina iliaca post.sup.
Spina iliaca post.inf.
Fossa iliaca
Facies glutea
Facies sacropelvica
Facies auricularis
Tuberositas iliaca

Os ischium

Corpus ossis ischii
Ramus ossis ischii
Tuber ischiadicum
Spina ischiadica
Incisura ischiadica maior
Incisura ischiadica minor

Os pubis

Corpus ossis pubis
Tuberculum pubicum
Facies symphysialis
Crista pubica
Sacropelvic surface
Auricular surface I
Liac tuberosity

Pelvis

Cavitas pelvis
Arcus pubis
Angulus subpubicus
Pelvis maior
Pelvis minor
Linea terminalis
Apertura pelvis superior
Apertura pelvis inferior
Inclinatio pelvis

Femur

Caput ossis femoris
Fovea capitis ossis femoris
Collum ossis femoris
Trochanter maior
Fossa trochanterica
Trochanter minor (Trochanter tertius)
Linea intertrochanterica
Crista intertrochanterica
Corpus ossis femoris
Linea aspera
Linea pectinea
Tuberositas glutea
Facies poplitea
Linea supracondylaris medialis
Linea supracondylaris lateralis
Condylus medialis
Epicondylus medialis
Tuberculum adductorium
Condylus lateralis
Epicondylus lateralis
Facies patellaris
Fossa intercondylaris
Linea intercondylaris

Patella

Basis patellae
Apex patellae
Facies articularis
Facies anterior

Tibia

Condylus medialis
Condylus lateralis
Facies articularis fibularis

Facies articularis superior
Area intercondylaris anterior
Area intercondylaris posterior
Eminentia intercondylaris
Tuberculum intercondylare med.
Tuberculum intercondylare lat.
Corpus tibiae
Tuberositas tibiae
Facies medialis
Facies posterior
Linea musculi solei
Facies lateralis
Margo anterior
Margo medialis
Margo interosseus
Malleolus medialis
Sulcus malleolaris
Facies articularis malleoli
Incisura fibularis
Facies articularis inferior

Fibula

Caput fibulae
Facies art. capitis fibulae
Apex capitis fibulae
Collum fibulae
Corpus fibulae
Margo anterior
Margo interosseus
Margo posterior
Malleolus lateralis
Facies articularis melleoli
Fossa malleoli lateralis
Sulcus malleolaris

Ossa tarsi

Talus

Caput tali
Facies articularis navicularis
Collum tali
Corpus tali
Trochlea tali
Facies superior
Facies malleolaris medialis
Facies malleolaris lateralis

Processus lateralis tali
Facies articularis calcanea post.
Sulcus tali
Facies articularis calcanea med.
Facies articularis calcanea ant.
Processus posterior tali
Sulcus tendinis musculi flexoris halucis longi
Tuberculum mediale
Tuberculum laterale
(Os trigonum)

Calcaneus

Tuber calcanei
Tuberculum calcanei
Sustentaculum tali
Sulcus tendinis musculi flexoris halucis longi
Sulcus calcanei
Sinus tarsi
Facies articularis talaris ant.
Facies articularis talaris media
Facies articularis talaris post.
Sulcus tendinis musculi peronei
Trochlea peronealis
Facies articularis cuboidea

Os naviculare

Tuberositas ossis navicularis

Os cuneiforme mediale **Os cuneiforme intermedium** **Os cuneiforme laterale**

Os cuboideum

Sulcus tendinis musculi peronei longi

Ossa metatarsi

Basis metatarsalis
Corpus metatarsale
Caput metatarsale
Tuberositas ossis metatarsalis (1)
Tuberositas ossis metatarsalis (5)

Ossa digitorum

Phalanx proximalis

Phalanx media
Phalanx distalis
Tuberositas phalagis distalis
Basis phalangis
Corpus phalangis
Caput phalangis
Ossa sesamoidea

Iuncturae cinguli membri inferioris

Symphysis pubica

Membrana obturatoria
Canalis obturatorius
Ligamentum sacrotuberale
Processus falciformis
Ligamentum sacrospinale
Foramen ischiadicum maius
Foramen ischiadicum minus

Articulatio sacroiliaca

Ligamenta sacroiliaca ventr.
Ligamenta sacroiliaca interossea
Ligamenta sacroiliaca dors.

Articulatio coxae

Zona orbicularis
Ligamentum iliofemorale
Ligamentum ischiofemorale
Ligamentum pubofemorale
Labrum acetabulare
Lig.transversum acetabuli
Ligamentum capitis femoris

Articulatio genus

Meniscus lateralis
Lig.meniscofemorale ant.
Lig.meniscofemorale post.
Meniscus medialis
Ligamentum transversum genus
Ligamenta cruciata genus
Lig.cruciatum anterius
Lig.cruciatum posterius
Plica synovialis infrapatellaris
Plicae alares
Lig.collaterale fibulare
Lig.collaterale tibiale
Lig.popliteum obliquum

Lig. popliteum arcuatum
Ligamentum patellae
Retinaculum patellae med.
Retinaculum patellae lat.
Corpus adiposum infrapatellare

Articulatio tibiofibularis

Lig. capitis fibulae anterior
Lig. capitis fibulae posterior
Membrana interossea cruris

Syndesmosis tibiofibularis

Lig. tibiofibulare ant.
Lig. tibiofibulare post.

Articulatio talocruralis

Ligamentum mediale (deltoideum)
 Pars tibionavicularis
 Pars tibiocalcanea
 Pars tibiotalaris ant.
 Pars tibiotalaris post.
Ligamentum talofibulare ant.
Ligamentum talofibulare post.
Ligamentum calcaneofibulare

Articulationes pedis

Articulatio tarsi transversa

articulatio talocalcaneo navicularis
Articulatio subtalaris
Lig. talocalcaneare lat.
Lig. talocalcaneare med.

Articulatio calcaneocuboidea

Ligamenta tarsi interossea
Lig. talocalcaneum interos.
Lig. calcaneocuboideum interosseum

Articulatio tarsi transversa (Chopart)

Lig. cuneocuboideum dors.
Lig. cuboideonaviculare dors.
Lig. bifurcatum (*lig. calcaneonaviculare, lig. calcaneocuboideum*)

Lig.cuneonavicularia dors.

Övriga ligament och leder

Lig.intercuneiformia interossea

Ligamenta tarsi dorsalia

Lig.talonaviculare

Lig.intercuneiformia dors.

Ligamenta tarsi plantaria

Ligamentum plantare longum

Lig.calcaneocuboideum plant.

Lig.calcaneonaviculare plant.

Lig.cuneonavicularia plant.

Lig. cuboideonaviculare plant.

Articulationes tarsometatarsales (Lisfranc)

Lig.tarsometatarsalia dors.

Lig.tarsometatarsalia plant.

Lig.cuneometatarsalia interossea (Lisfrancligament)

Articulationes intermetatarsales

Lig.metatarsalia interos.

Lig.metatarsalia dors.

Lig.metatarsalia plant.

Spatia interossea metatarsi

Articulationes metatarsophalangeae

Ligamenta collateralia

Ligamenta plantaria

Lig.metatarsale trsv.prof.

Articulationes interphalangeae

Ligamenta collateralia

Ligamenta plantaria