

Skeleton of the lower limb

1) Skeleton of the pelvic girdle:

The hip bone – *os coxae*

(the ilium – *os ilium*, the ischium – *os ischii*, the pubis – *os pubis*)

2) Skeleton of the free part of the lower limb:

The thigh bone – *femur*

Patella

The shinbone – *tibia*

Fibula

The tarsus – *ossa tarsi*

The metatarsus – *ossa metatarsi*

Bones of digits (*ossa digitorum pedis* – *phalanges*)

The hip bone – *os coxae*

(the ilium – *os ilium*, the ischium – *os ischii*, the pubis – *os pubis*)

acetabulum (lunate articular surface – *facies lunata acetabular fossa* – *fossa acetabuli* acetabular notch – *incisura acetabuli*)

obturator foramen – *foramen obturatum*

The ilium – *os ilium*

body – *corpus*

ala ossis illi

iliac fossa – *fossa iliaca*

auricular surface – *facies auricularis*

iliac tuberosity – *tuberositas iliaca*

arcuate line – *linea arcuata*

iliac crest – *crista iliaca*

outer and inner lips of iliac crest – (*labium externum and labium internum cristae iliacae*)

intermediate line – *linea intermedia*

superior anterior iliac spine – *spina iliaca anterior superior*

inferior anterior iliac spine – *spina iliaca anterior inferior*

superior posterior iliac spine – *spina iliaca posterior superior*

inferior posterior iliac spine – *spina iliaca posterior inferior*

posterior gluteal line – *linea glutea posterior*

anterior gluteal line – *linea glutea anterior*

inferior gluteal line – *linea glutea inferior*

The ischium – *os ischii*

Body – *corpus*

Ramus of the ischium – *ramus ossis ischii*

Ischial tuberosity – *tuber ischiadicum*

Ischial spine – *spina ischiadica*

Greater sciatic notch – *incisura ischiadica major*

Lesser sciatic notch – *incisura ischiadica minor*

The pubis – *os pubis*

Body – *corpus ossis pubis*

Superior ramus – *ramus superior ossis pubis*

Iliopubic eminence – *eminentia iliopubica*

Pubic pecten – *pecten ossis pubis*

Pubic tubercle – *tuberculum pubicum*

Obturator groove – *sulcus obturatorius*
Inferior ramus – *ramus inferior ossis pubis* (phallic crest – *crista phallica*)
Symphyseal surface – *facies symphysealis*

The thigh bone – femur

Proximal end:

The head of the femur – *caput femoris*
Fovea of the head – *fovea capitis femoris*
Neck of the femur – *collum femoris*

Body – corpus femoris:

Greater trochanter – *trochanter major*
Lesser trochanter – *trochanter minor*
Intertrochanteric line – *linea intertrochanterica*
Intertrochanteric crest – *crista intertrochanterica*
Trochanteric fossa – *fossa trochanterica*
linea aspera
Medial lip of the linea aspera – *labium mediale* (pectineal line – *linea pectinea*)
Lateral lip of the linea aspera – *labium laterale* (gluteal tuberosity – *tuberositas glutea*)
Supracondylar lateral and medial crest

Distal end of the femur:

Medial condyle – *condylus medialis*
Adductor tubercle – *tuberculum adductorium*
Lateral condyle – *condylus lateralis*
Patellar surface – *facies patellaris*
Intercondylar fossa – *fossa intercondylaris*
Intercondylar line – *linea intercondylaris*
Popliteal surface – *facies poplitea*
Epicondylus medialis and lateralis

The patella – patella (knee cap)

The base of the patella – *basis patellae*
The apex patellae – *apex patellae*
The articular surface of the patella – *facies articularis patellae*

The shin bone – tibia

Proximal end:

Medial condyle – *condylus medialis*
Lateral condyle – *condylus lateralis*
Superior articular facet – *facies articularis superior*
Intercondylar eminence – *eminentia intercondylaris*
Medial intercondylar tubercle – *tuberculum intercondylare mediale*
Lateral intercondylar tubercle – *tuberculum intercondylare laterale*
Anterior intercondylar area – *area intercondylaris anterior*
Posterior intercondylar area – *area intercondylaris posterior*
Articular surface for fibula – *facies articularis fibularis*

Body – corpus

Tibial tuberosity – *tuberositas tibiae*
Soleal line – *linea musculi solei*
Medial margin – *margo medialis*
Anterior margin – *margo anterior*
Interosseous margin – *margo interosseus*

distal end:

Medial malleolus – *malleolus medialis*
Malleolar articular surface – *facies articularis malleoli medialis*
Fibular notch – *incisura fibularis*

Inferior articular surface – *facies articularis inferior tibiae*

Fibula

Proximal end:

Head of fibula – *caput fibulae* (apex of the fibular head – *apex capitis fibulae*)

Articular facet of the fibular head – *facies articularis capitis fibulae*

Neck – *collum fibulae*

Body – corpus:

Anterior margin – *margo anterior*

Medial margin – *margo medialis*

Posterior margin – *margo posterior*

Interosseous margin – *margo interosseus*

Distal end:

Lateral malleolus – *malleolus lateralis*

Facet for articulation with the talus – *facies articularis malleoli lateralis*

Malleolar groove – *sulcus malleoli lateralis*

Lateral malleolar fossa – *fossa malleoli lateralis*

Bones of the foot – ossa pedis

I. The tarsus – ossa tarsi

II. The metatarsus – ossa metatarsi

III. Bones of digits – ossa digitorum pedis

The tarsus – ossa tarsi (7)

talus

The heel bone – *calcaneus*

The navicular – *os naviculare*

The cuboid – *os cuboideum*

The cuneiform bones – *ossa cuneiformia*

The medial cuneiform bone – *os cuneiforme mediale*

The intermediate cuneiform bone – *os cuneiforme intermedium*

The lateral cuneiform bone – *os cuneiforme laterale*

The talus – talus

Head of talus – *caput tali* (navicular articular surface – *facies articularis navicularis*)

Neck of the talus – *collum tali*

Body of the talus – *corpus tali*

The trochlea of the talus – *trochlea tali*

Superior articular surface – *facies articularis superior*

Lateral and medial malleolar surfaces – *facies articularis malleoli lateralis et medialis*

Posterior, middle and anterior calcaneal surfaces – *facies articularis calcanea posterior, media et anterior*

Talar sulcus – *sulcus tali*

Lateral talar process – *processus lateralis tali*

Posterior talar process – *processus posterior tali* (lateral and medial tubercles – *tuberculum laterale et mediale*)

Groove for the tendon of the flexor hallucis longus muscle – *sulcus tendinis musculi flexoris hallucis longi*

Calcaneus

tuber calcanei – *tuber calcanei*

Medial and lateral processes of tuber calcanei – (*processus medialis et lateralis*)

Posterior, middle and anterior talar articular surfaces of calcaneus – *facies articularis talaris posterior, media et anterior*

Calcaneal groove – *sulcus calcanei*

Sustentaculum tali

Groove for the tendon of flexor hallucis longus muscle – (*sulcus tendinis musculi flexoris hallucis longi*)

Peroneal trochlea – *trochlea peronealis*

Surface for articulation with cuboid bone – *facies articularis cuboidea*

sulcus calcanei + sulcus tali = sinus tarsi

The navicular bone – *os naviculare*

tuberositas ossis navicularis

The cuboid bone– *os cuboideum*

Groove for the tendon of peroneus longus muscle (*sulcus tendinis musculi peronei longi*)

Cuneiform bones (medial, intermediate and lateral)

– *ossa cuneiformia (mediale, intermedium et laterale)*

The metatarsal bones – *ossa metatarsi (I. – V.)*

Base – basis (tuberosity of the metatarsal I. and V. – *tuberositas ossis metatarsi I. et V.*)

Body – *corpus*

Head – *caput*

MTV. – *tuberositas ossis metatarsi quinti*

Ossa sesamoidea pedis

Bones of the digits – *ossa digitorum pedis*

(*phalanges*)

Big toe has proximal and distal phalanx – *phalanx proximalis et distalis*

II. – V. toe has proximal, middle and distal phalanx

– *phalanx proximalis, media et distalis*

Base of phalanx – *basis phalangis*

Body of phalanx – *corpus phalangis*

Trochlea/ head (distal phalanx has distal tuberosity – *tuberositas phalangis distalis*)