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Metatarsophalangeal joints

From Wikipedia, the free encyclopedia

The **metatarsophalangeal joints** are the joints between the **metatarsal bones** of the foot and the proximal bones (**proximal phalanges**) of the toes. They are **condyloid joints** meaning an elliptical or rounded surface (of the metatarsal bones) come close to the shallow cavities (of the proximal phalanges).

The **ligaments** are the plantar and two collateral.

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Movements [edit]

The movements permitted in the metatarsophalangeal joints are **flexion**, **extension**, **abduction**, **adduction** and **circumduction**.

See also [edit]

- Turf toe (metatarsalphalangeal joint sprain)
- Bunion (hallux valgus)

References [edit]

This article incorporates text in the public domain from the 20th edition of Gray's Anatomy (1918)

External links [edit]

- Diagram at webmd.com

Metatarsophalangeal joints

Bones of the right foot. Dorsal surface.

Details	
Identifiers	
Latin	<i>articulationes metatarsophalangeae</i>
Dorlands	<i>a_64/12161421</i> [edit]
E/Elsevier	
TA	A03.6.10.801 [edit]
FMA	71356 [edit]
Anatomical terminology	
[edit on Wikidata]	

V · T · E Joints and ligaments of the human leg [hide]			
Hip	<i>femoral</i> (iliofemoral · pubofemoral · ischiofemoral) · head of femur · transverse acetabular · acetabular labrum · capsule · zona orbicularis		
Knee	Tibiofemoral	Capsule · Anterior menisofemoral ligament · Posterior menisofemoral ligament · <i>extracapsular</i> : popliteal (oblique · arcuate) · collateral (medial/tibial · fibular/lateral) · <i>intracapsular</i> : cruciate (anterior · posterior) · menisci (medial · lateral) · transverse · anterolateral	
	Patellofemoral	Patellar ligament · Infrapatellar fat pad	
Tibiofibular	Superior tibiofibular	anterior of the head of the fibula · posterior of the head of the fibula	
	Inferior tibiofibular	Anterior tibiofibular · Posterior tibiofibular · Interosseous membrane of leg	
Foot	Talocrural and ankle	<i>medial</i> : medial of talocrural joint/deltoid (anterior tibiotalar · posterior tibiotalar · tibiocalcaneal · tibionavicular) · <i>lateral</i> : lateral collateral of ankle joint (anterior talofibular · posterior talofibular · calcaneofibular)	
		Subtalar/talocalcaneal	anterior/posterior · lateral/medial · interosseous
	Transverse tarsal	Talocalcaneonavicular	dorsal talonavicular · plantar calcaneonavicular/spring · bifurcated (calcaneonavicular)
		Calcaneocuboid	dorsal calcaneocuboid · long plantar · plantar calcaneocuboid · bifurcated (calcaneocuboid)
	Distal intertarsal	Cuneonavicular	plantar · dorsal
		Cuboideonavicular	plantar · dorsal
		Intercuneiform	plantar · dorsal · interosseous
		Tarsometatarsal/Lisfranc	plantar · dorsal
	Other	Intermetatarsal/metatarsal	plantar · dorsal · interosseous · superficial transverse · deep transverse
		Metatarsophalangeal	plantar · collateral
Interphalangeal		plantar · collateral	
Arches	Longitudinal · Transverse		

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Categories: Wikipedia articles incorporating text from the 20th edition of Gray's Anatomy (1918) | Musculoskeletal system stubs | Joints

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