

Anatomy & Physiology: Joints—Example Joint List.

STRUCTURE.

Joint	Structural Classification	Functional Classification
Suture	Fibrous.	Amphiarthrosis & synarthrosis.
Atlanto-occipital	Synovial-condyloid.	Diarthrosis.
Atlanto-axial	Synovial-pivot betw. dens and anterior arch; synovial-planar betw. lateral masses.	Diarthrosis.
Intervertebral	Cartilaginous-symphysis betw. bodies; synovial betw. arches.	Amphiarthrosis; diarthrosis.
Vertebrocostal	Synovial-planar.	Diarthrosis.
Sternocostal	Cartilaginous-synchondrosis betw. sternum & 1st pair; synovial-planar betw. sternum & 2nd to 7th pair.	Synarthrosis; diarthrosis.
Lumbosacral	Cartilaginous-symphysis betw. body & base; synovial-planar betw. articular facets.	Amphiarthrosis betw. body & base; diarthrosis betw. articular facets.
Sternoclavicular	Synovial planar, pivot.	Diarthrosis.
Acromioclavicular	Synovial-planar.	Diarthrosis.
Radioulnar	Synovial-pivot.	Diarthrosis.
Wrist (radiocarpal)	Synovial-condyloid.	Diarthrosis.
Intercarpal	Synovial-planar except for hamate, scaphoid, and lunate which are synovial-saddle.	Diarthrosis.
Carpometacarpal	Synovial-saddle at thumb; synovial-planar remaining digits.	Diarthrosis.
Metacarpophalangeal & metatarsophalangeal	Synovial-condyloid.	Diarthrosis.
Interphalangeal	Synovial-hinge.	Diarthrosis.
Sacroiliac	Synovial-planar.	Diarthrosis.
Pubic symphysis	Cartilaginous-symphysis.	Amphiarthrosis.
Tibiofibular	Synovial-planar proximally; fibrous-syndesmosis distally.	Diarthrosis proximally; amphiarthrosis distally.
Ankle (talocrural)	Synovial-hinge.	Diarthrosis.
Intertarsal	Synovial-planar at subtalar and calcaneocuboid; synovial-saddle at talocalcaneonavicular.	Diarthrosis.
Tarsometatarsal	Synovial-plane.	Diarthrosis.

FUNCTION.

CLINICAL SIGNIFICANCE.

References

Biel, A. (2015). *Trail guide to the body: A hands-on guide to locating muscles, bones and more.*

Cedars-Sinai. (2018). Vertebrae of the spine. Retrieved from <https://www.cedars-sinai.org/health-library/diseases-and-conditions/v/vertebrae-of-the-spine.html>

Jenkins, G., & Tortora, G. J. (2012). *Anatomy and Physiology: From Science to Life, 3rd Edition International Stu.* John Wiley & Sons.

Muscolino, J. E. (2017). *The muscular system manual: The skeletal muscles of the human body.*