

# **BASIC MEDICAL SCIENCE**

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**FSC MEDICAL TECHNOLOGIES I**

**DR DANISH**

# BONES OF UPPER LIMBS

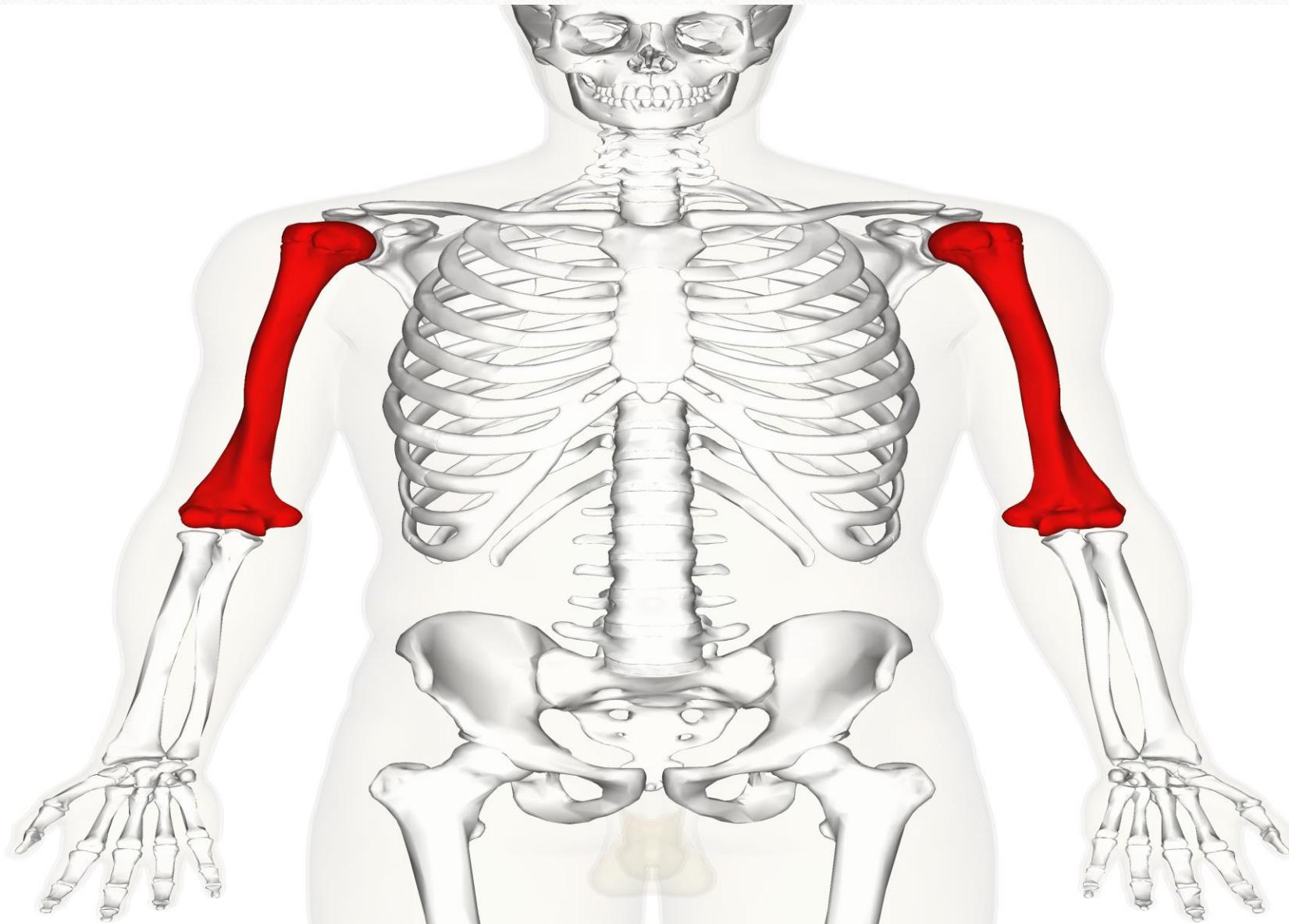
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- Humerus
- Radius & ulna
- Carpals,metacarpals,&phalanges

# HUMERUS

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- The bone of the upper arm
- Articulates with scapula at shoulder joint
- And radius & ulna at elbow joint



# RADIUS & ULNA

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- Radius is located on lateral (thumb) side of forearm
- Ulna is located on the medial side of forearm
- Articulates with humerus at elbow joint
- And with each other at proximal & distal radioulnar joints



Ulna

Elbow joint

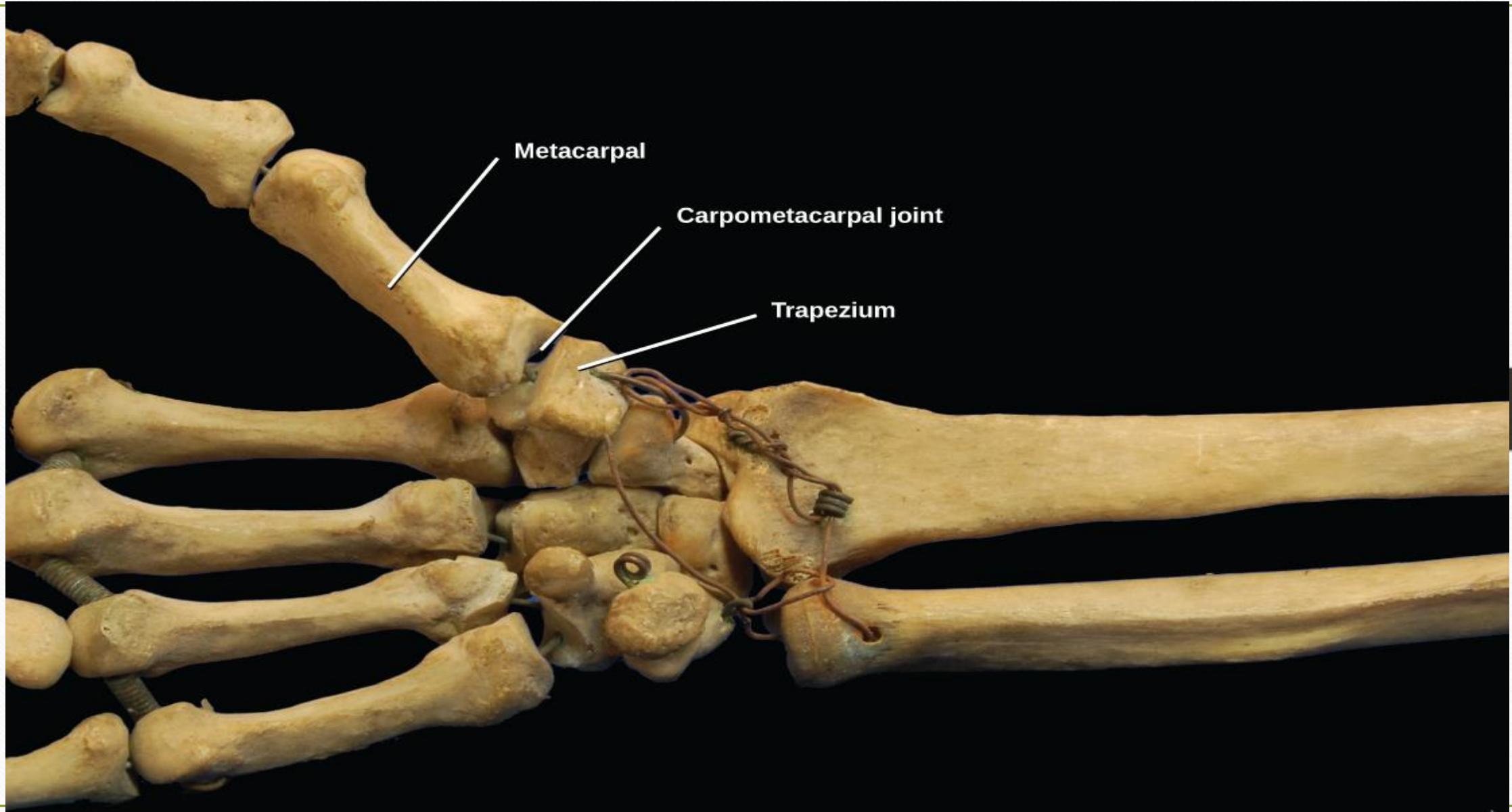
Radius

Humerus

# CARPALS, METACARPALS, & PHALANGES

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- Carpals are eight bones of wrist
- Metacarpals are eight bones of wrist
- Phalanges are bones of fingers & thumb

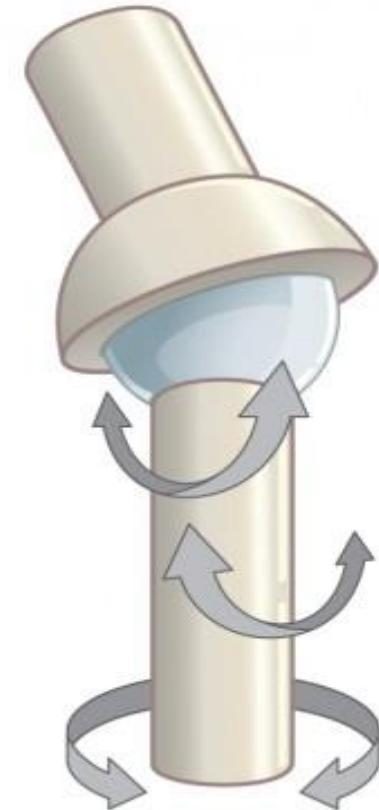
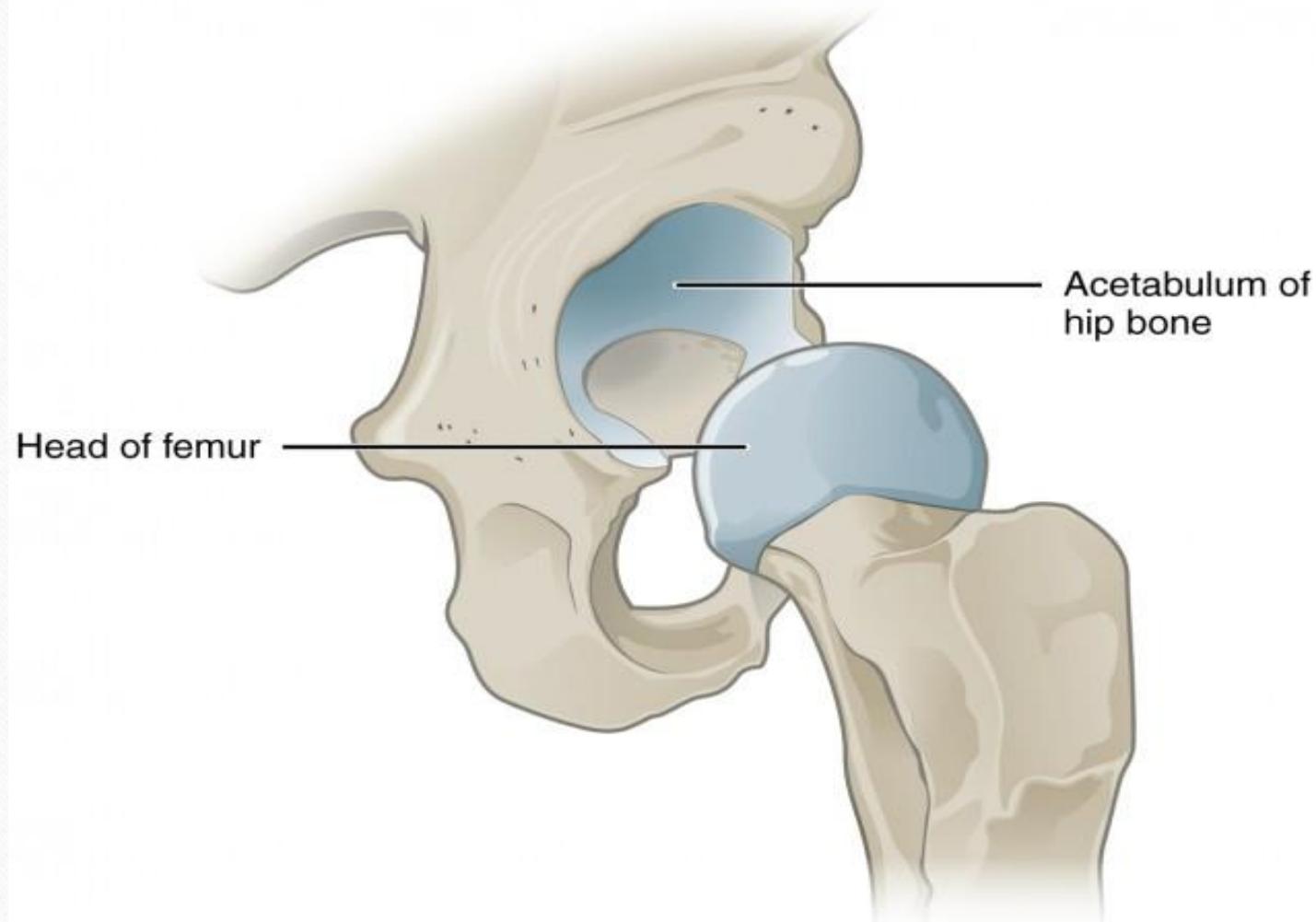


# BONES OF LOWER LIMB

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- Bone of the thigh, longest bone in the body
- Articulates with acetabulum of hip bone at hip joint
- And with tibia & patella at knee joint

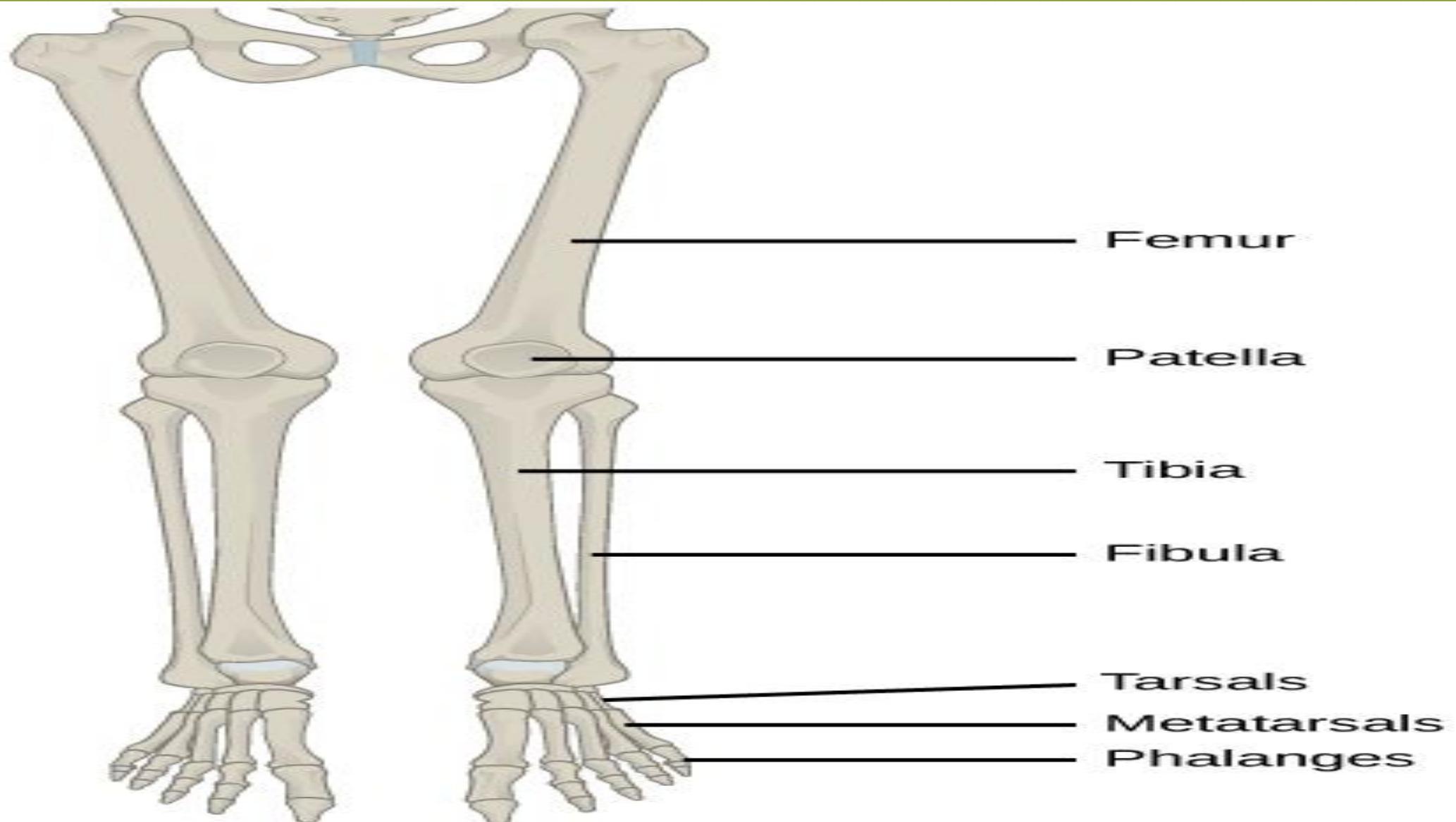




# TIBIA & FIBULA

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- Tibia is the larger ,weight bearing bone of lower leg
- The fibula is located on lateral side of lower leg
- They articulate with femur at knee joint & with each other at proximal & distal tibiofibular joint



# Tarsals, Metatarsals, & phalanges

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- Tarsals are seven bones of ankle
- Metatarsals are five bones of midfoot
- Phalanges are bones of the toes





THANK YOU