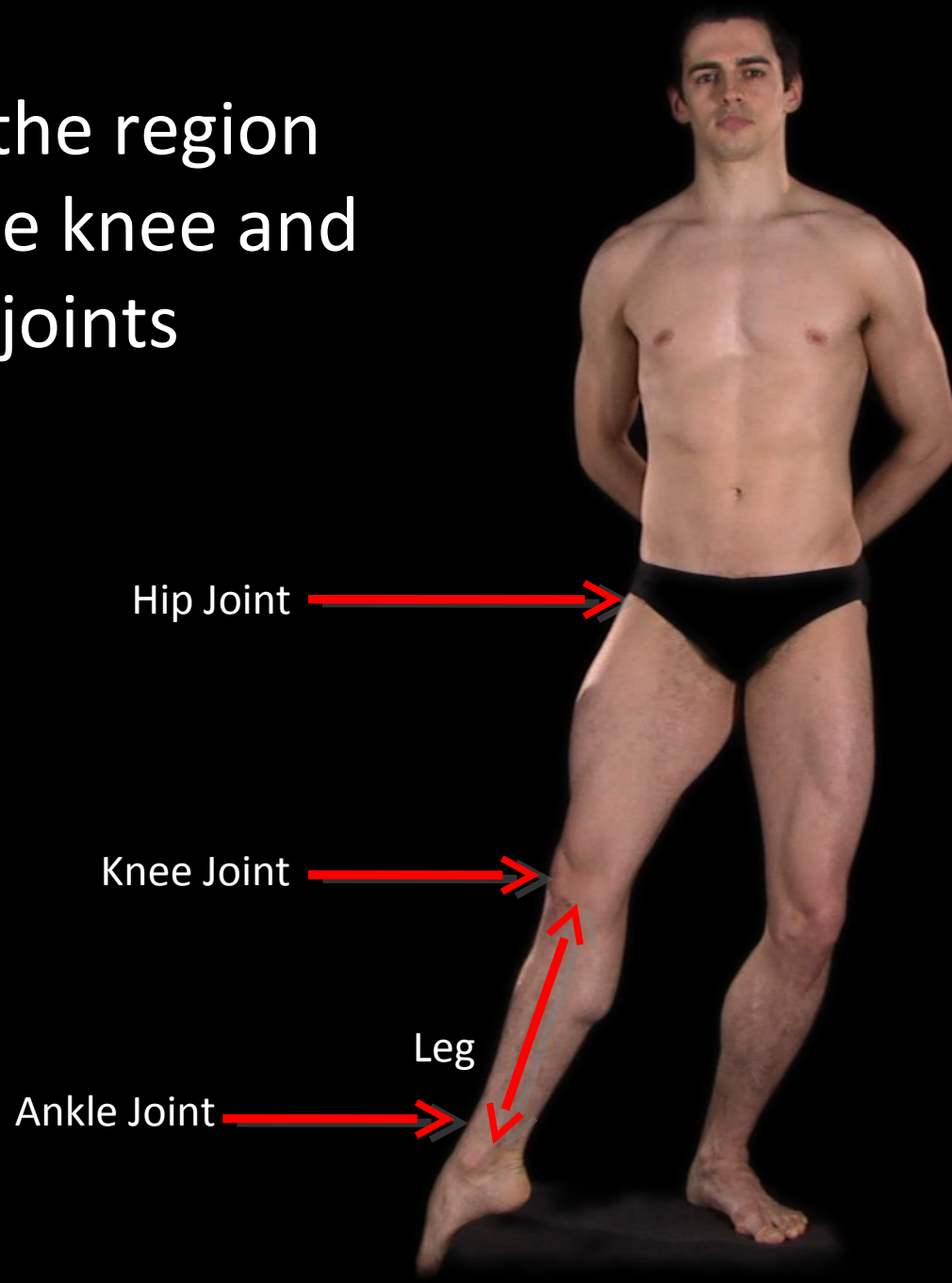
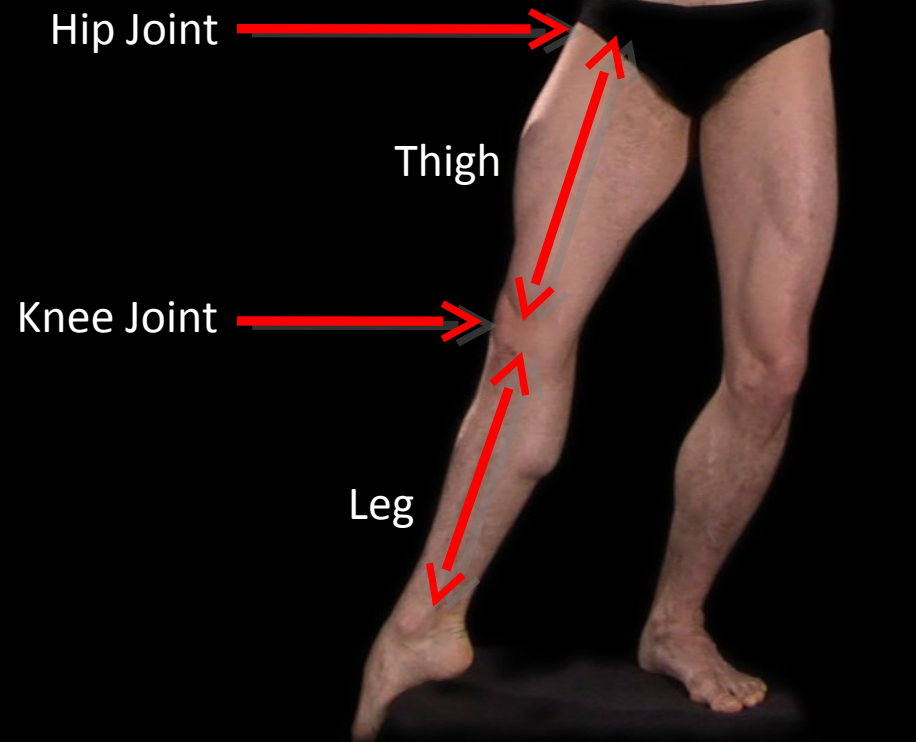


The Fibula

The leg is the region
between the knee and
ankle joints



The region above the knee joint is the thigh



There are two bones in the leg



There are two bones in the leg

Tibia



There are two bones in the leg

Fibula



There are two bones in the leg

The Fibula

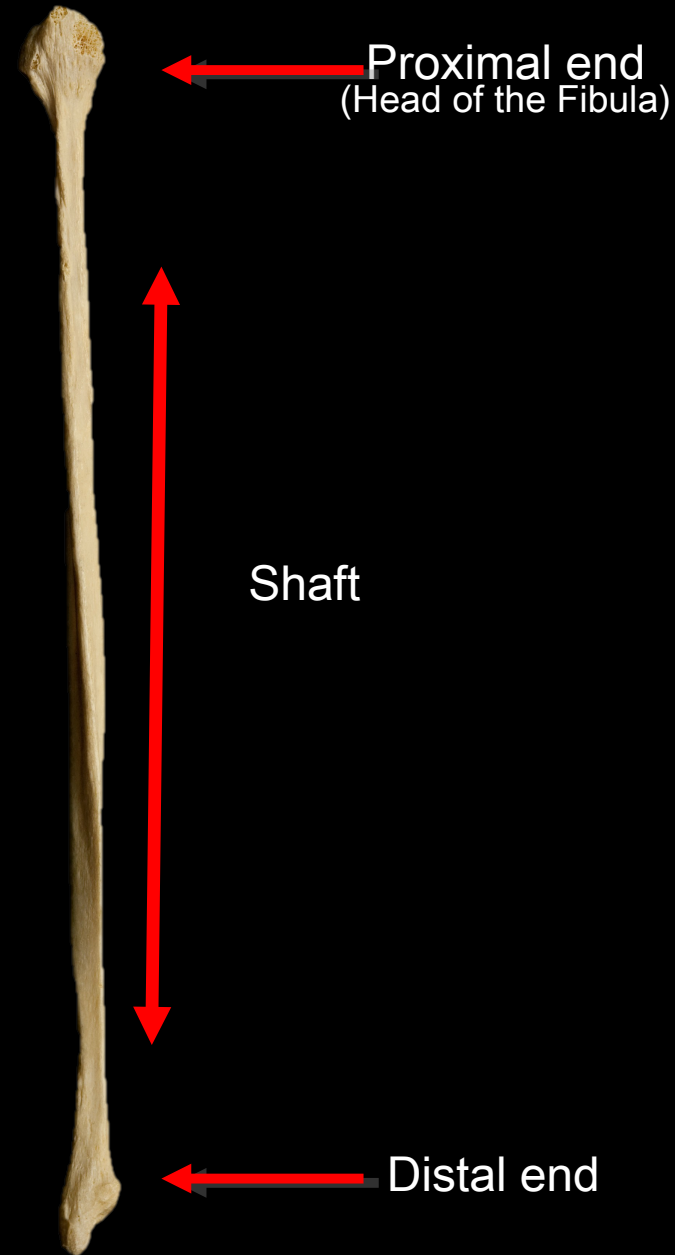
- Lies Laterally
- Is shorter
- Is not a weight-bearing bone



The Fibula and Tibia are
joined together by the
Interosseous Membrane

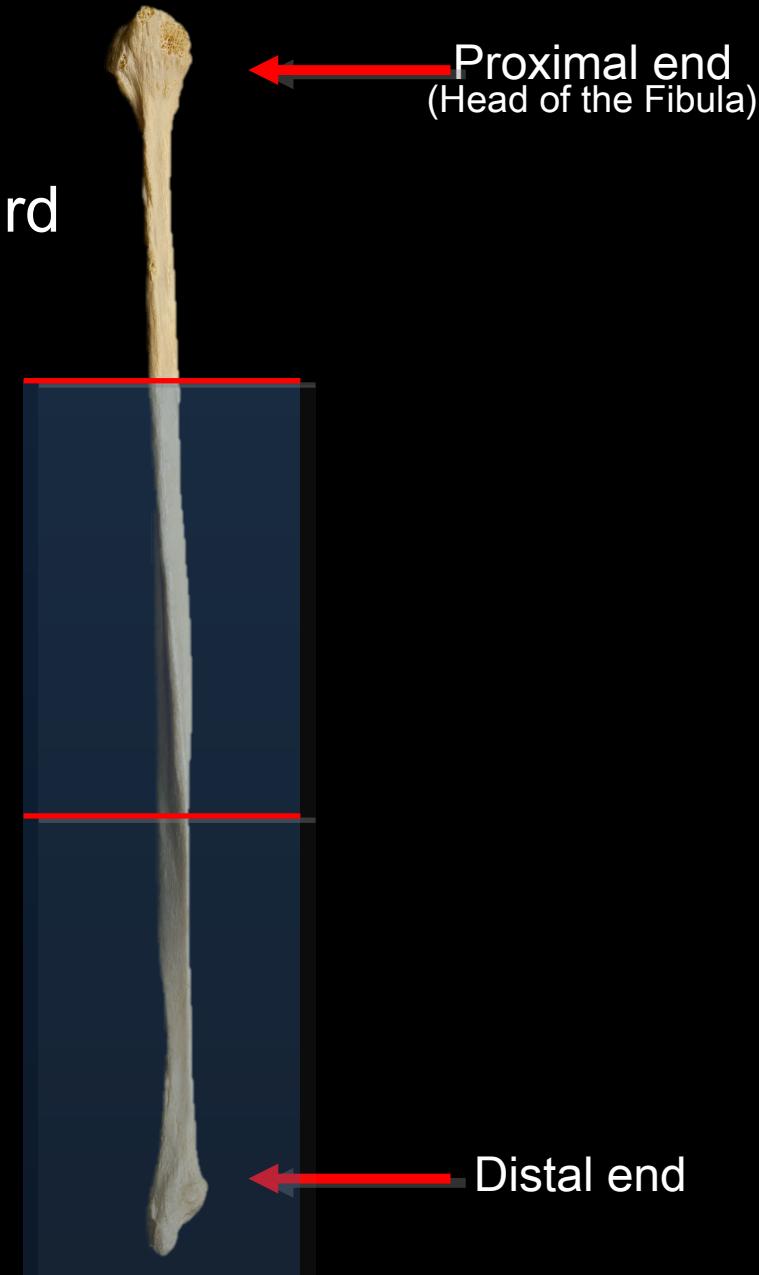


The Fibula is a long bone and is divided into thirds



The Fibula is a long bone and is divided into thirds

Proximal Third



The Fibula is a long bone and is divided into thirds

Proximal Third

Middle Third

Proximal end
(Head of the Fibula)

Distal end



The Fibula is a long bone and is divided into thirds

Proximal Third

Middle Third

Distal Third

Proximal end
(Head of the Fibula)

Distal end



The Proximal Fibula (Head of the Fibula)

The Proximal Fibula



The Head of the Fibula is
quadrilateral in shape

The Proximal Fibula



On the upper surface
is a smooth oval facet
covered in articular
hyaline cartilage

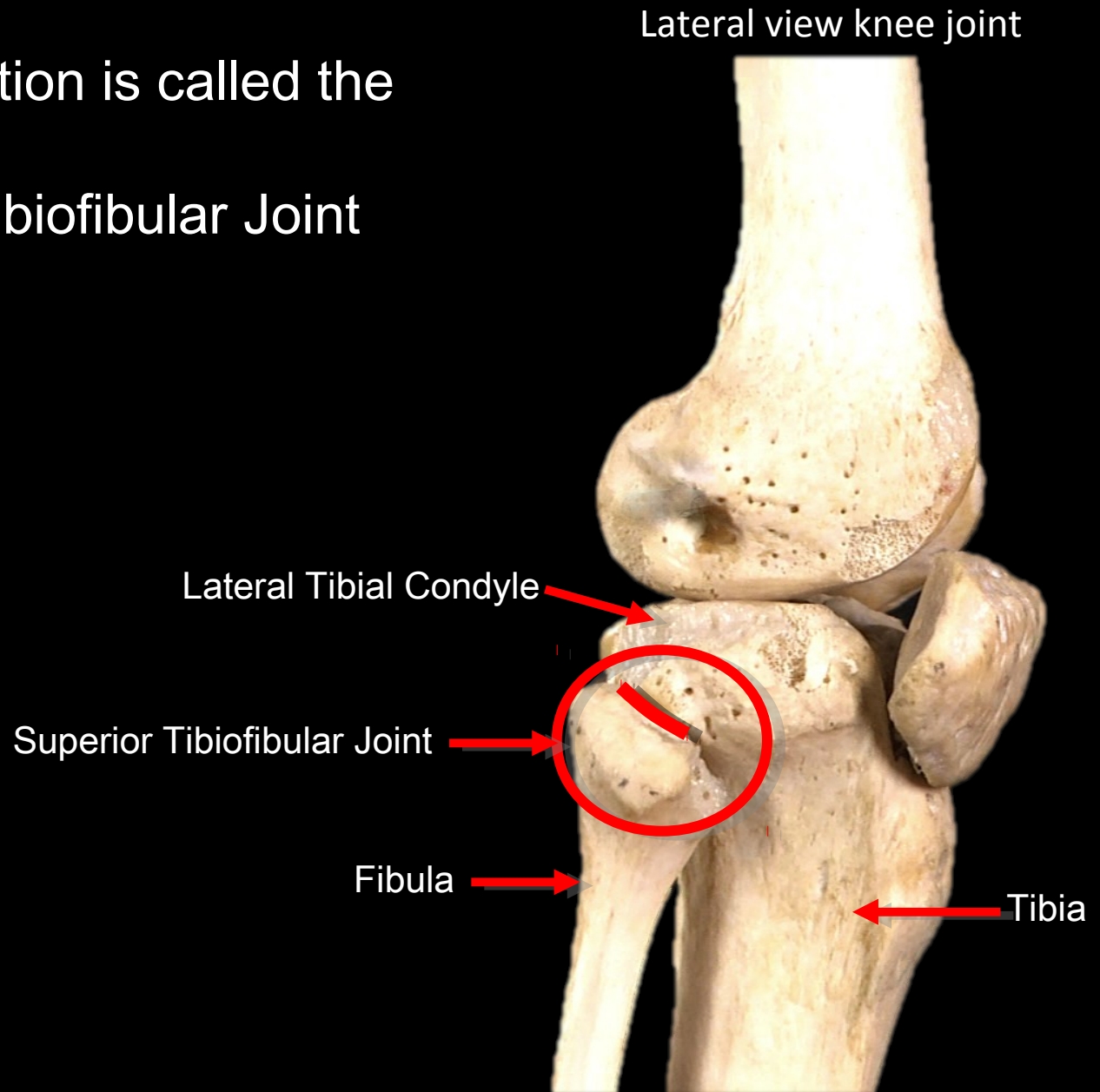
The Proximal Fibula



On the upper surface
is a smooth oval facet
covered in articular
hyaline cartilage

This region articulates
with the
Lateral Tibial Condyle

This articulation is called the
Superior Tibiofibular Joint

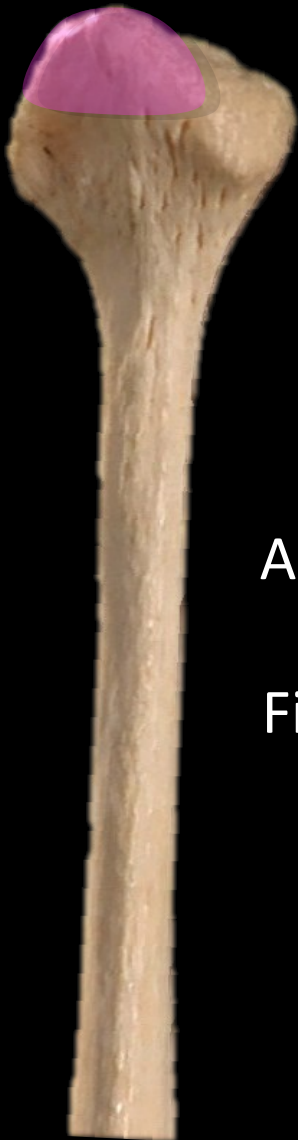


The Proximal Fibula



The Styloid Process or
Apex of the Head of the Fibula
lies postero-lateral to the
articular facet

The Proximal Fibula

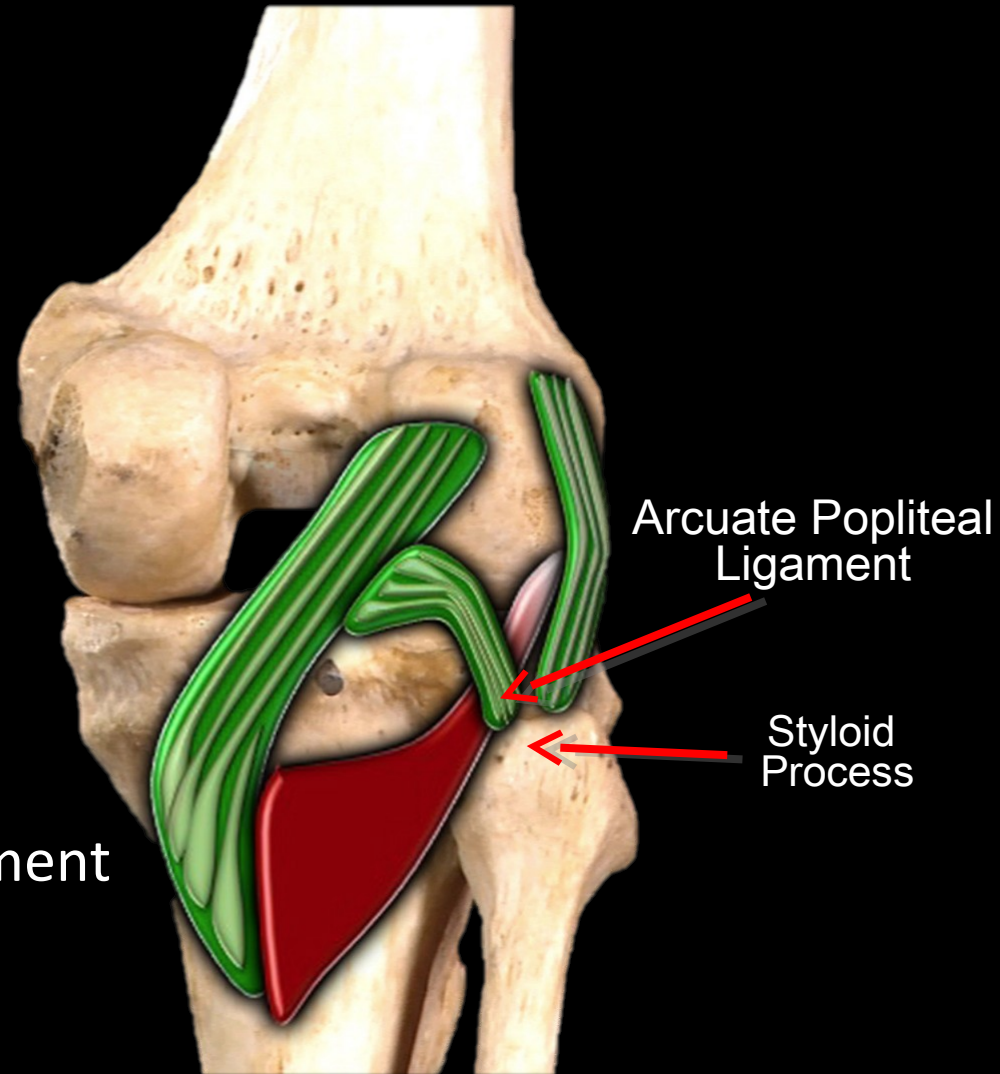


Arcuate Popliteal Ligament
and
Fibular Collateral Ligament
attach to the Styloid
Process

The Proximal Fibula



Arcuate Popliteal Ligament
attaches to the
Fibular Styloid

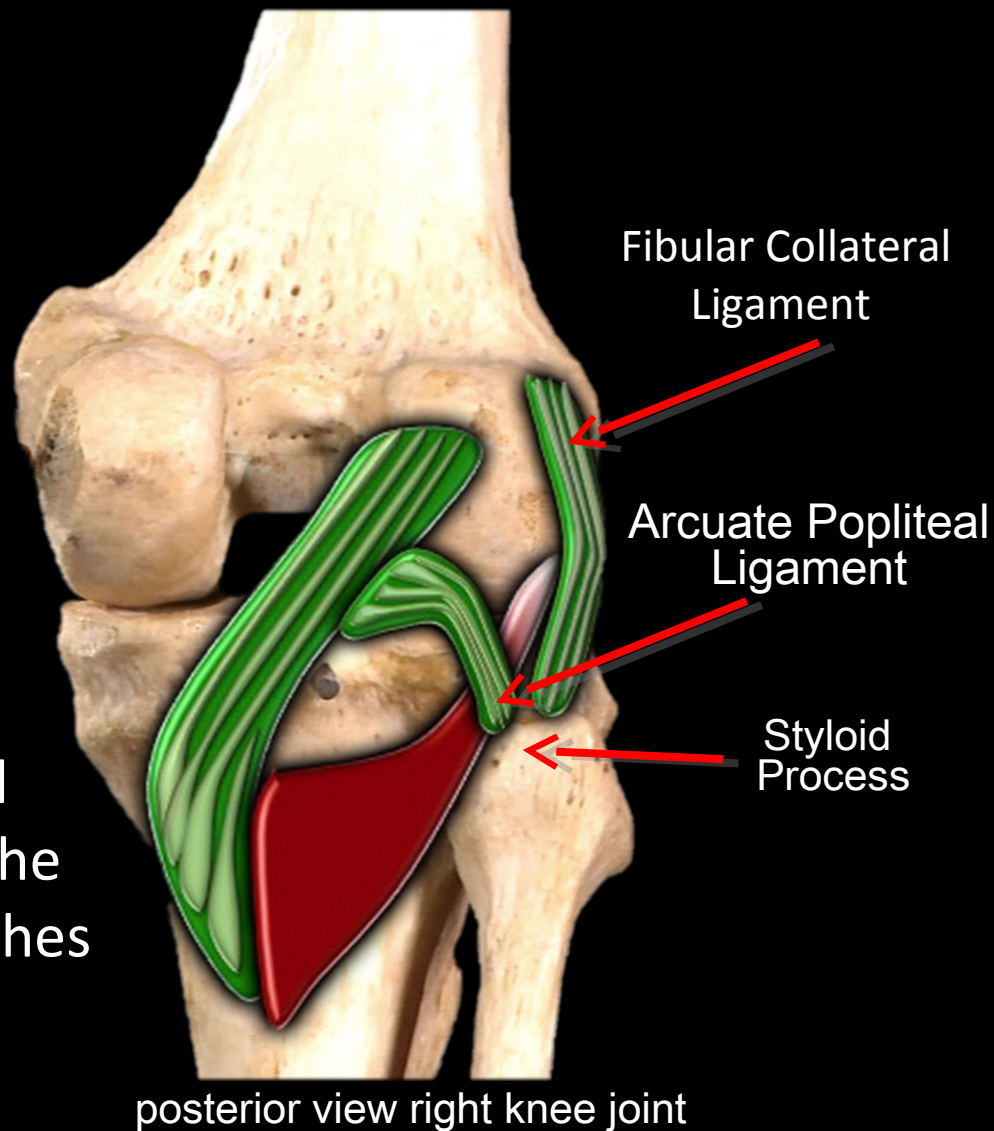


posterior view right knee joint

The Proximal Fibula



The Fibular Collateral Ligament blends with the Biceps tendon and attaches just anterior to the Fibular Styloid



The Proximal Fibula



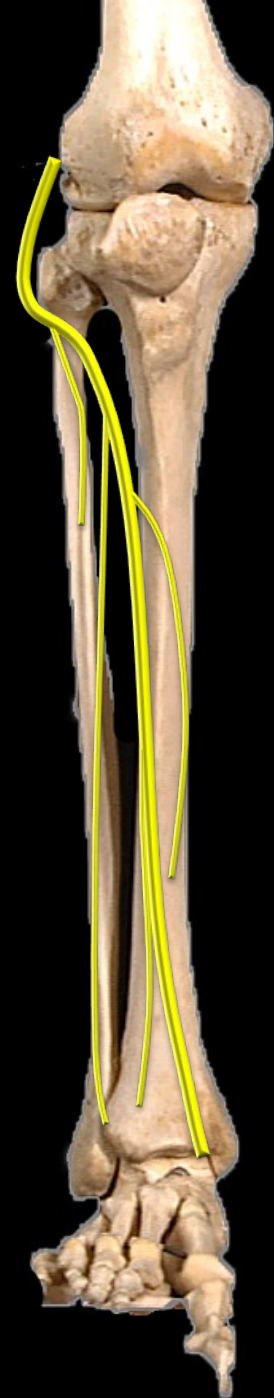
The Neck of the Fibula is
immediately distal to the
Head of the Fibula

The Proximal Fibula



The Common Peroneal Nerve
wraps around the
Neck of the Fibula before dividing
into its two terminal branches

- Superficial Peroneal Nerve
- Deep Peroneal Nerve



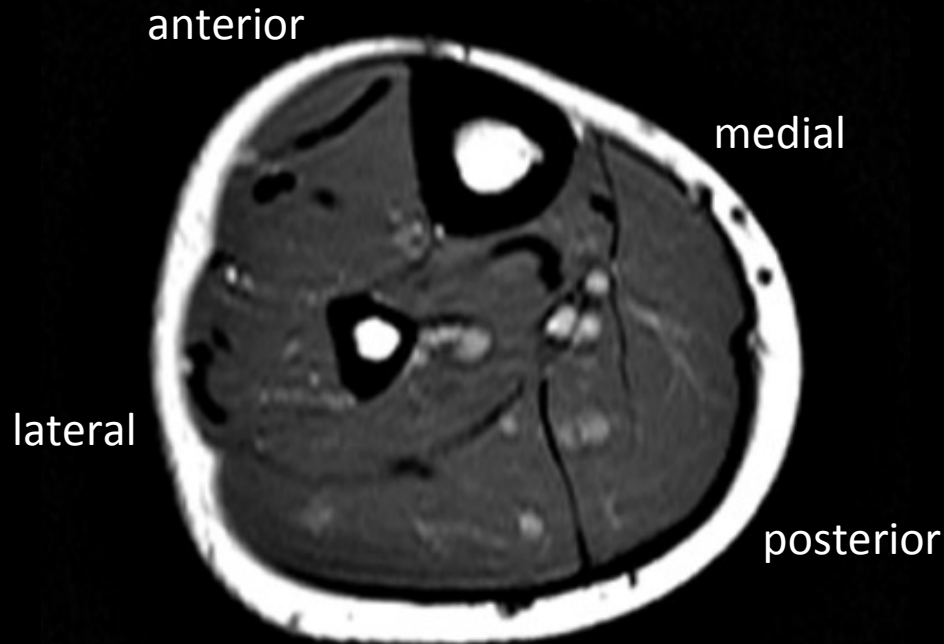
Borders of the Fibular shaft

The Fibula is triangular in cross-section and has
3 borders and 3 surfaces

Each surface is associated with a different group of
muscles

The Fibula has 3 borders and 3 surfaces

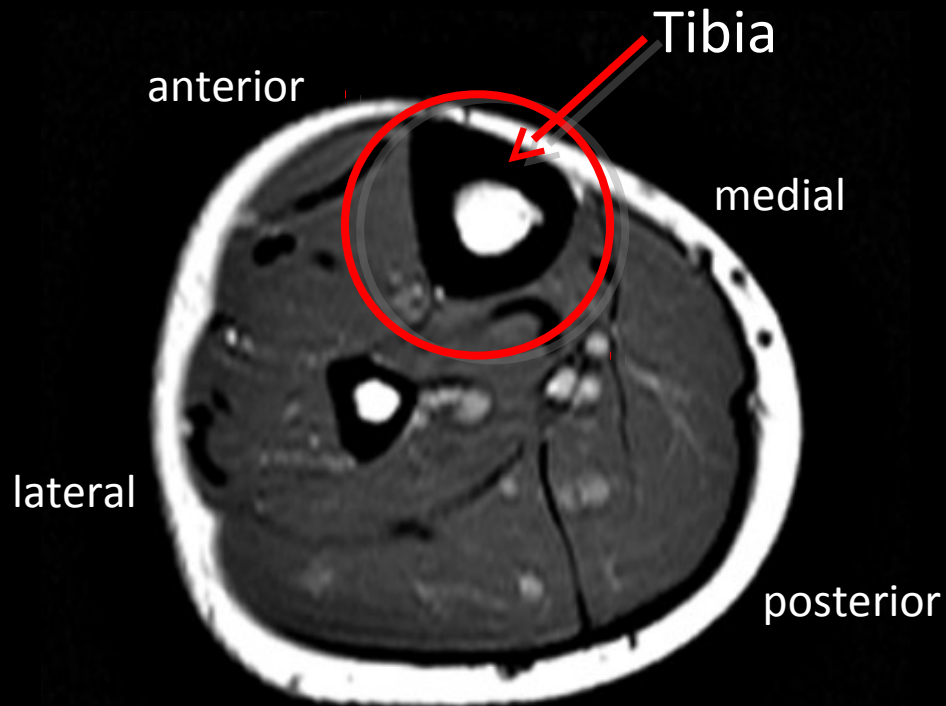
When a patient lies in the scanner, the foot usually points outwards due to the natural resting position of the body, and not directly forwards as in the standing position



MRI of cross-section through right leg
Looking up towards the head

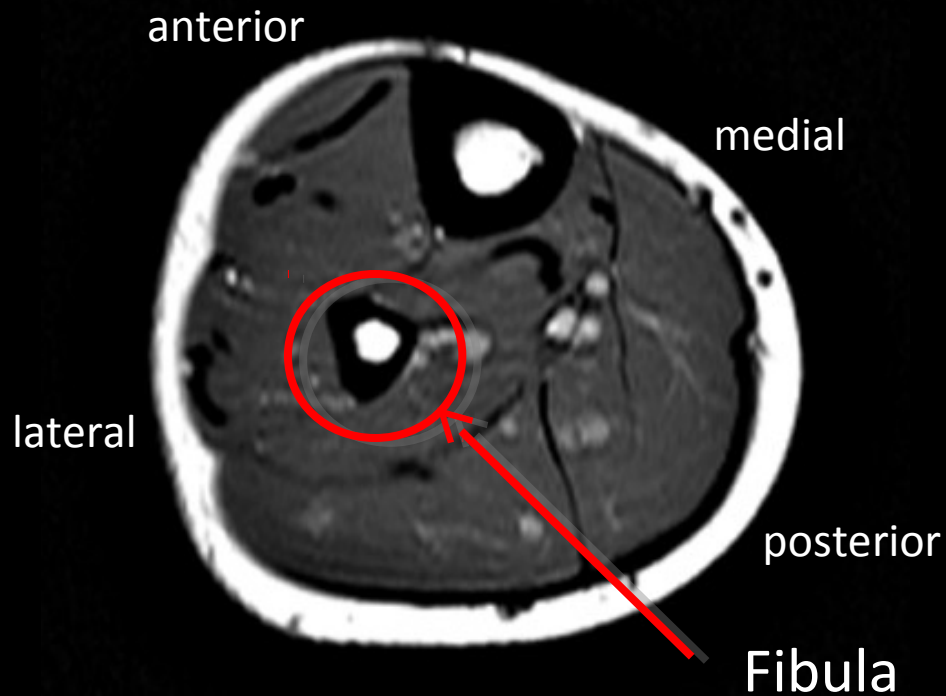
This means that when interpreting scans remember that the anterior surface rotates anticlockwise for the right leg and clockwise for the left leg

The Fibula has 3 borders and 3 surfaces



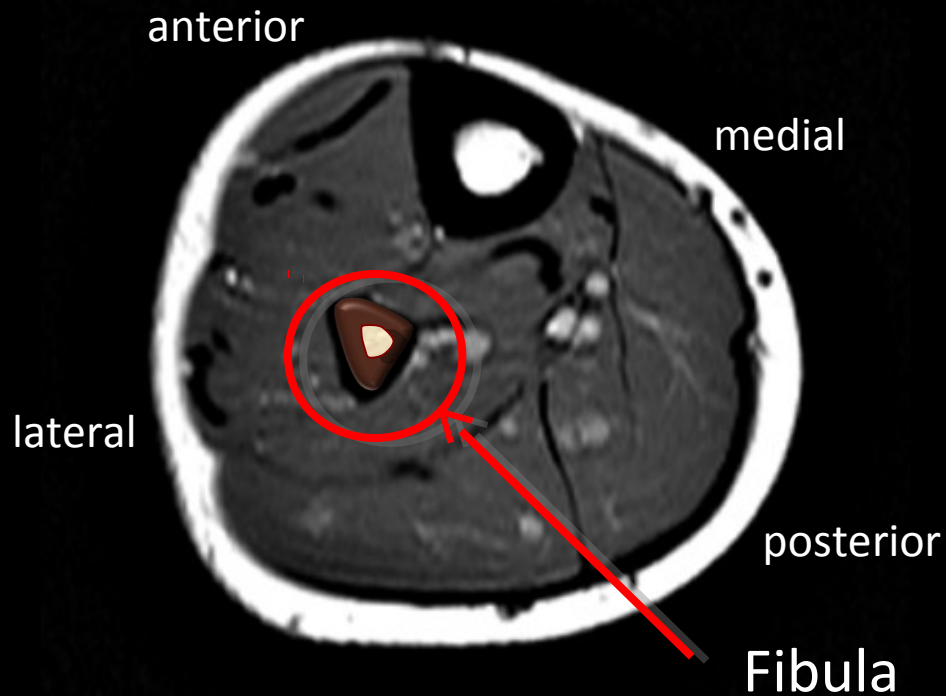
MRI of cross-section through right leg
Looking up towards the head

The Fibula has 3 borders and 3 surfaces



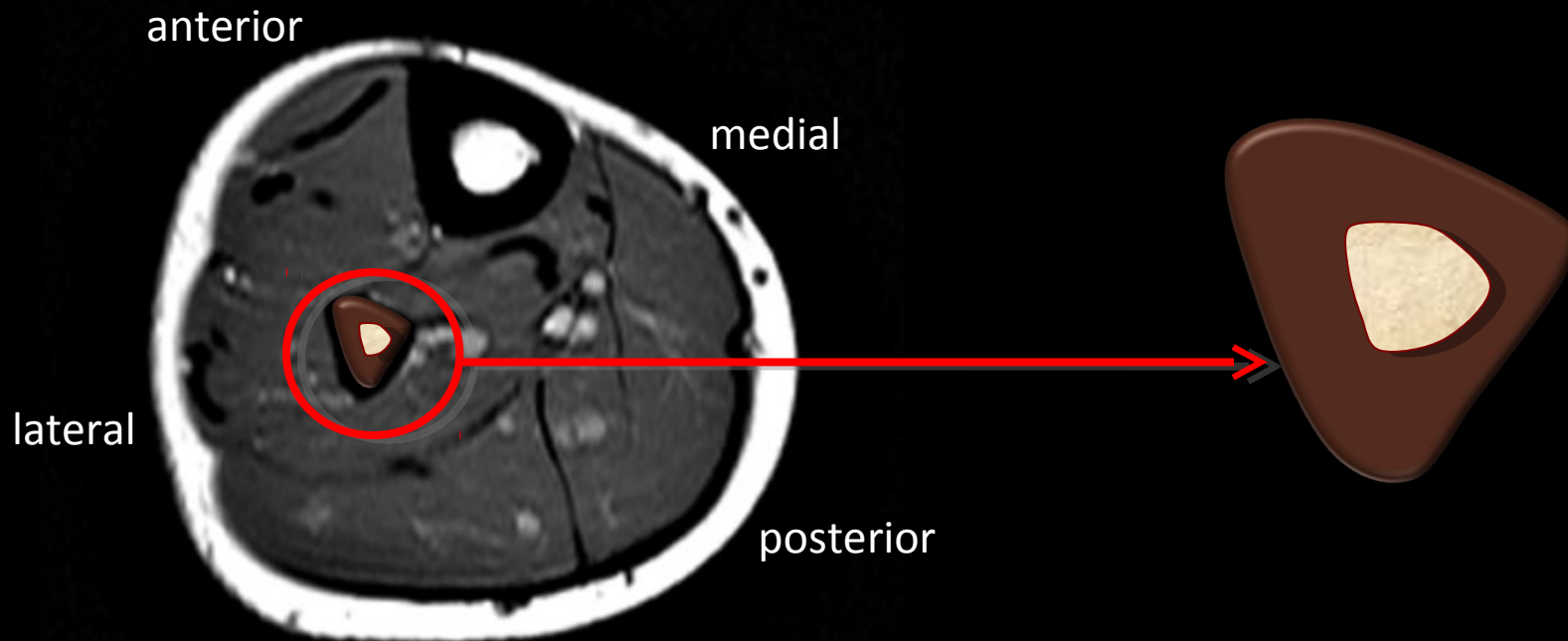
MRI of cross-section through right leg
Looking up towards the head

The Fibula has 3 borders and 3 surfaces



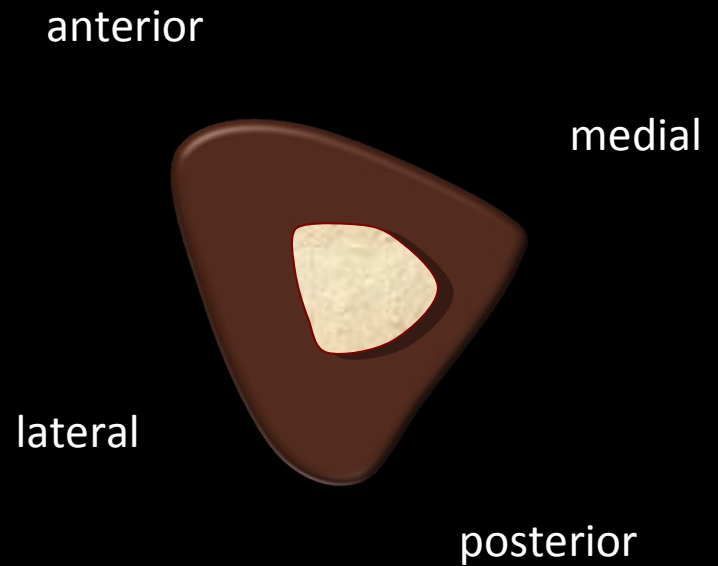
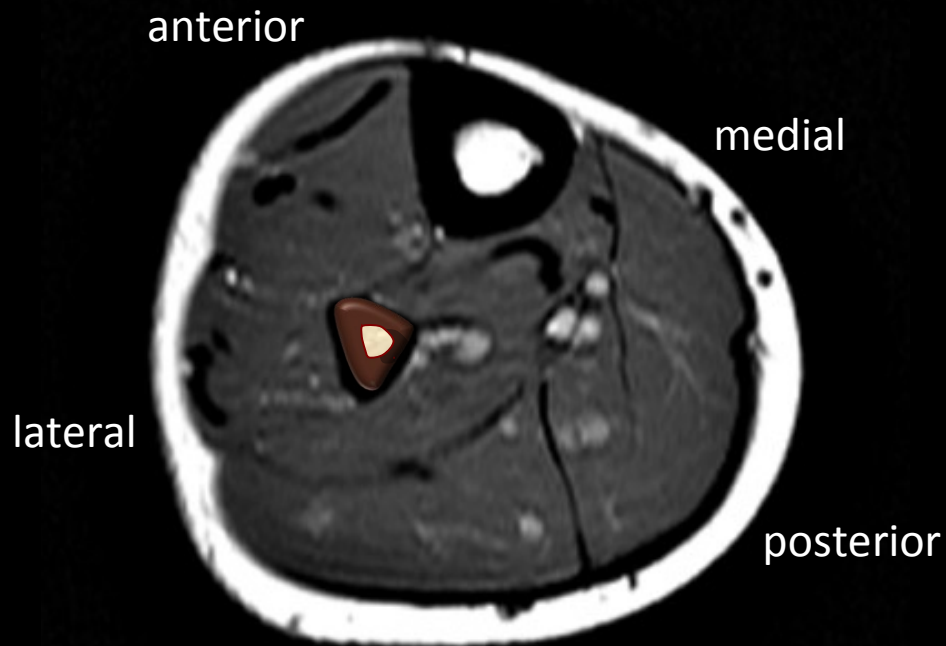
MRI of cross-section through right leg
Looking up towards the head

The Fibula has 3 borders and 3 surfaces



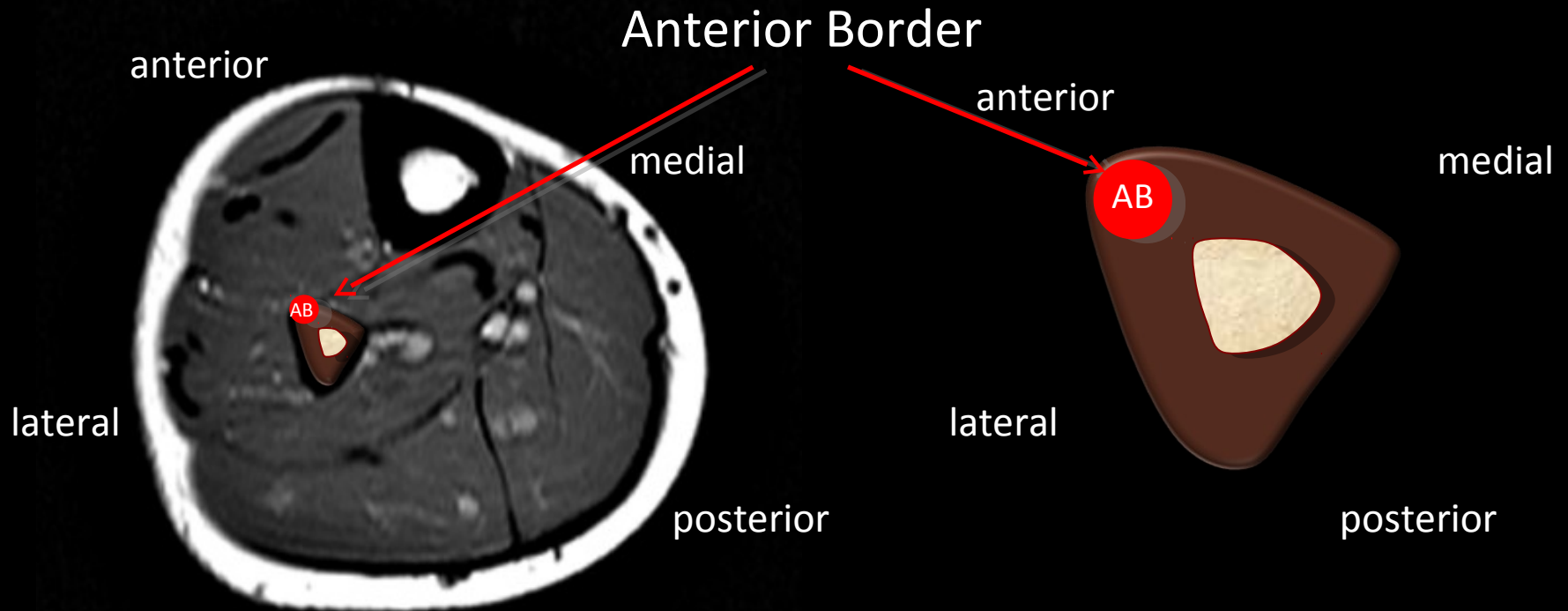
MRI of cross-section through right leg
Looking up towards the head

The Fibula has 3 borders and 3 surfaces



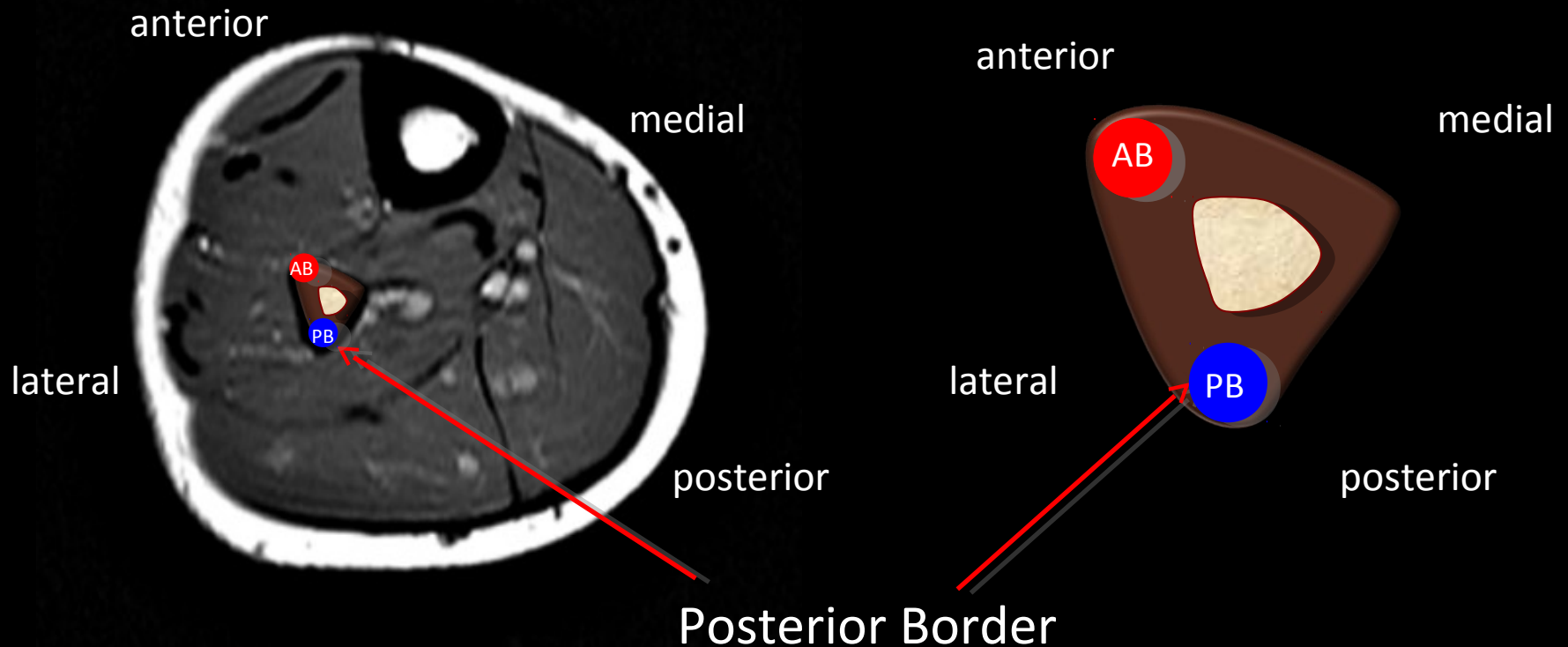
MRI of cross-section through right leg
Looking up towards the head

The Fibula has 3 borders and 3 surfaces



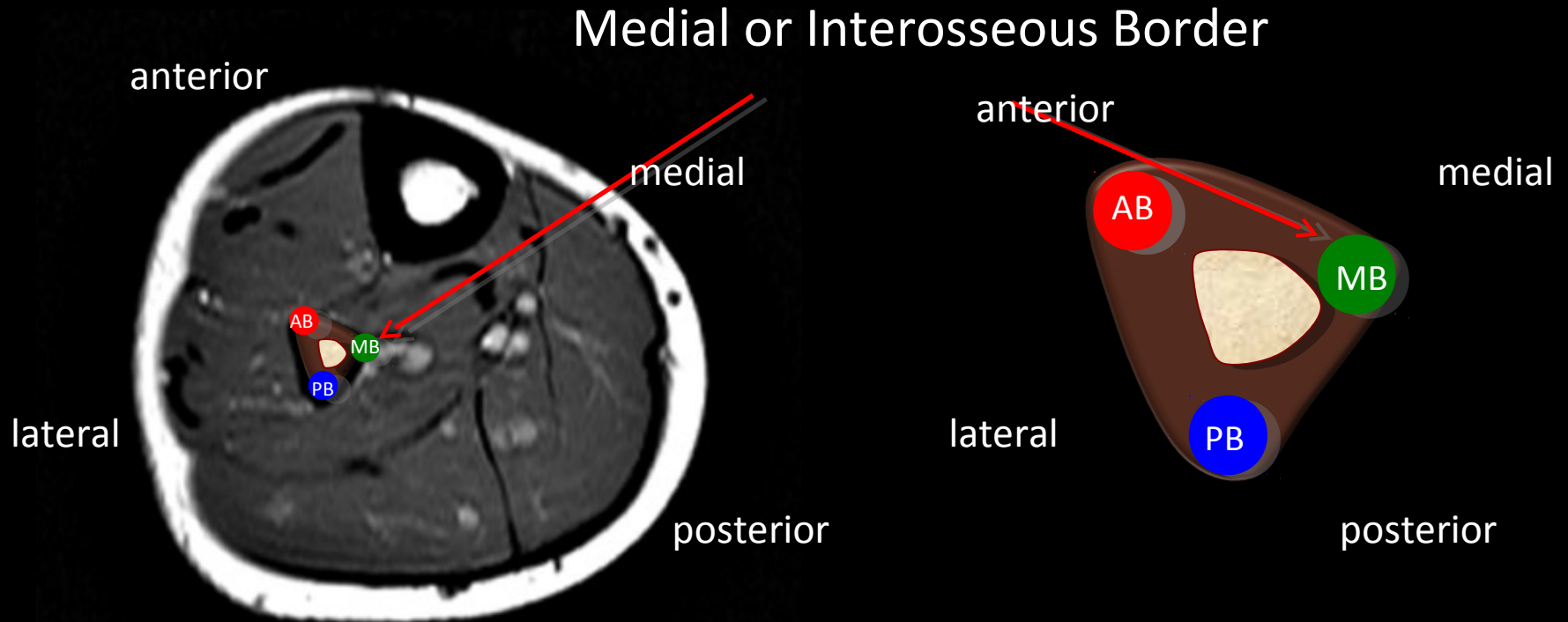
MRI of cross-section through right leg
Looking up towards the head

The Fibula has 3 borders and 3 surfaces



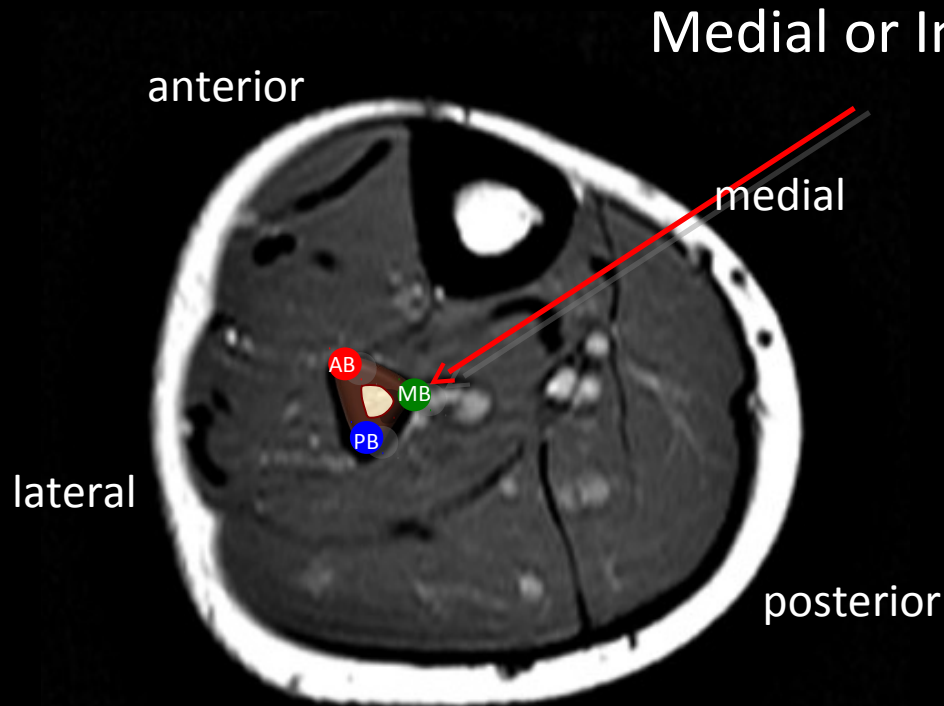
MRI of cross-section through right leg
Looking up towards the head

The Fibula has 3 borders and 3 surfaces

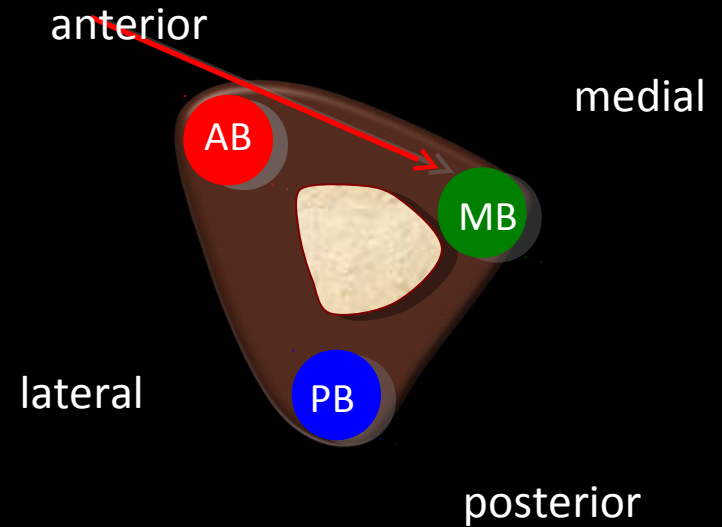


MRI of cross-section through right leg
Looking up towards the head

The Fibula has 3 borders and 3 surfaces



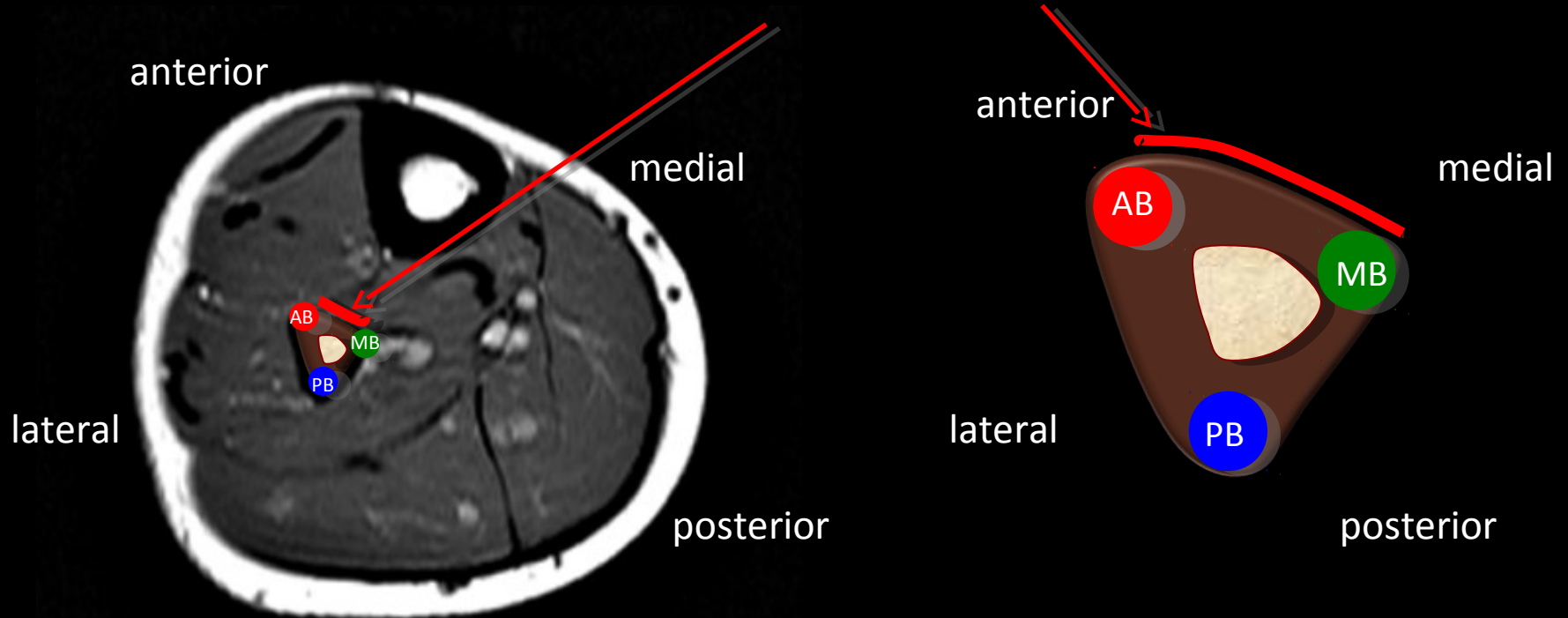
MRI of cross-section through right leg
Looking up towards the head



The Interosseous Membrane
attaches here

The Fibula has 3 borders and 3 surfaces

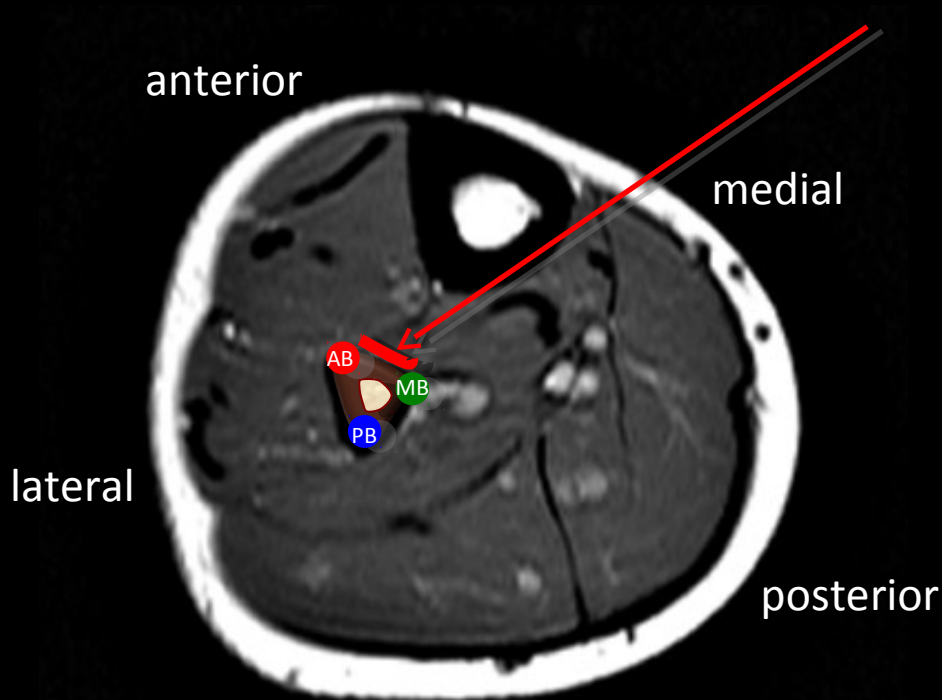
Anterior or Anteromedial Surface



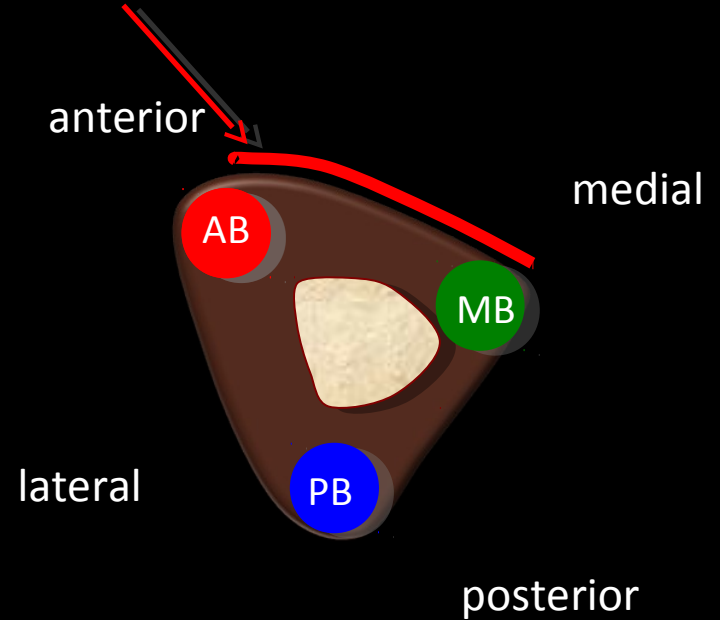
MRI of cross-section through right leg
Looking up towards the head

The Fibula has 3 borders and 3 surfaces

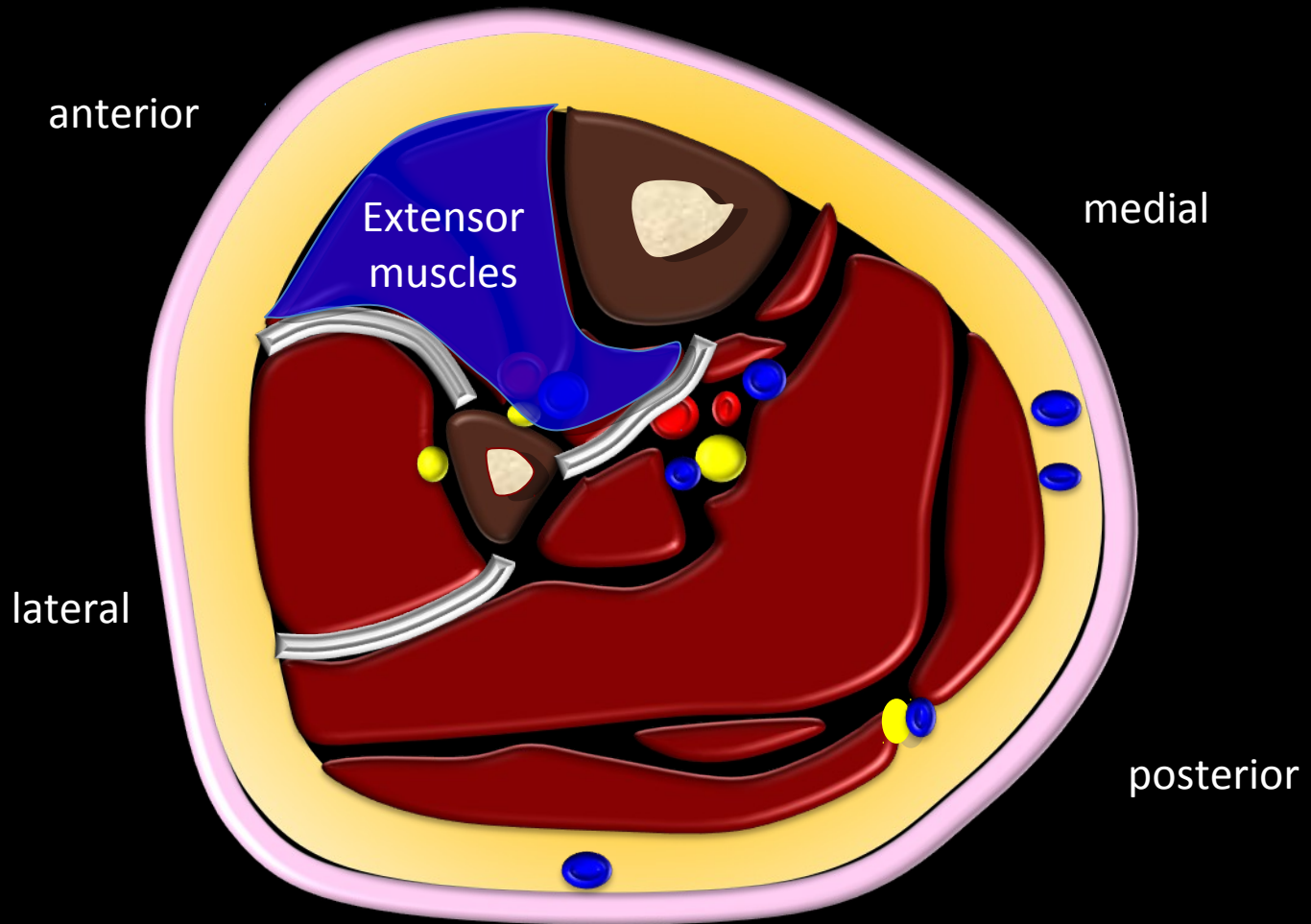
Anterior or Anteromedial Surface



MRI of cross-section through right leg
Looking up towards the head

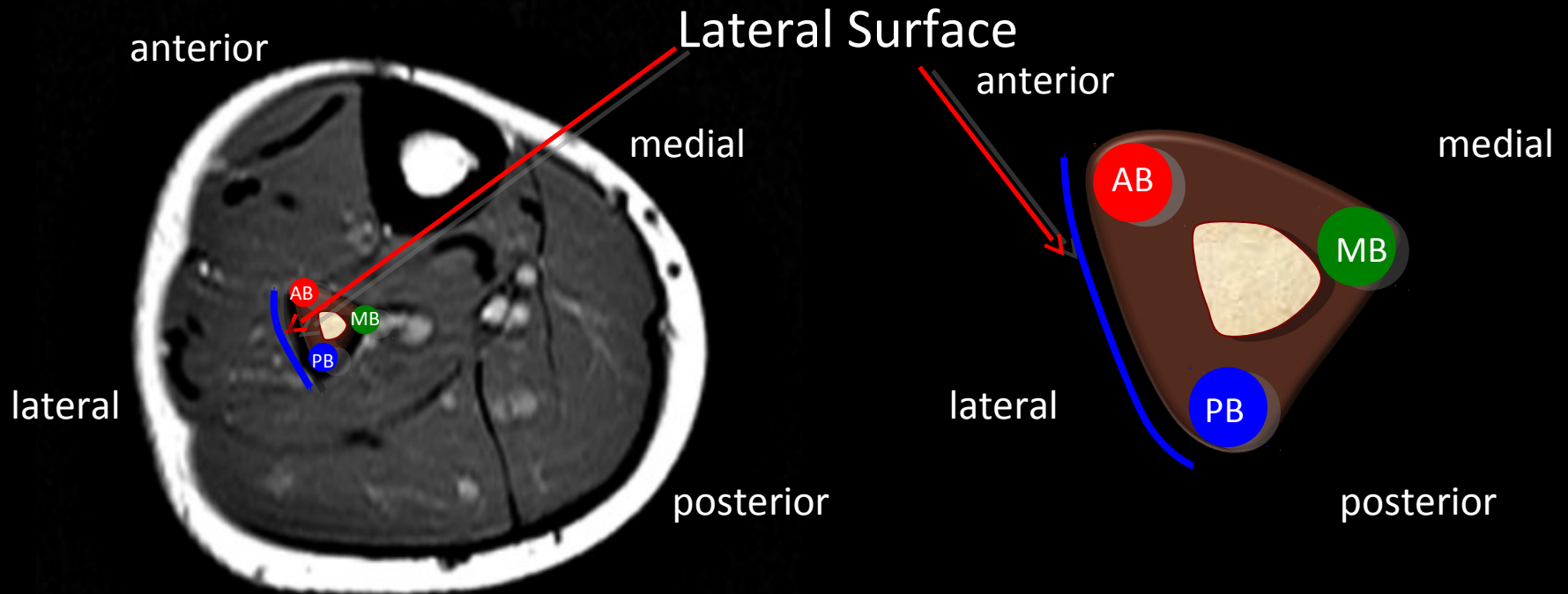


This surface is associated
with the extensor muscles



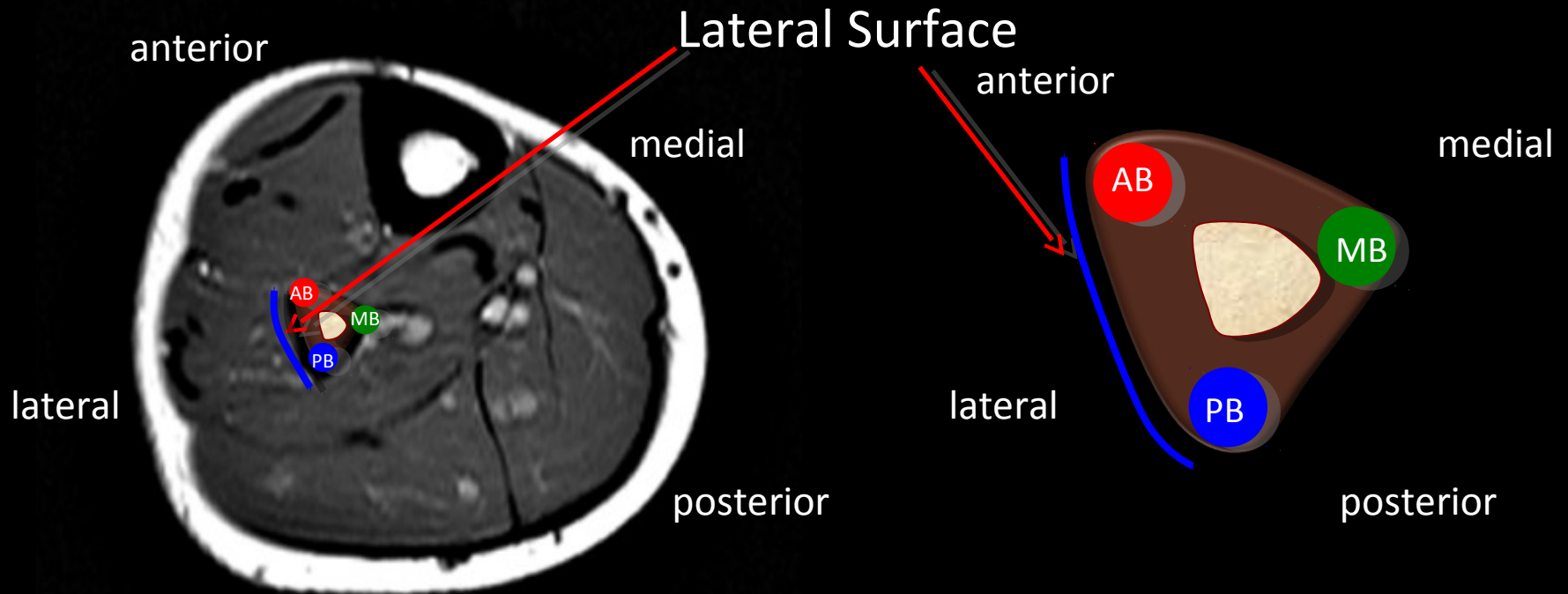
Cross section through leg approx 10 cm distal to knee joint

The Fibula has 3 borders and 3 surfaces



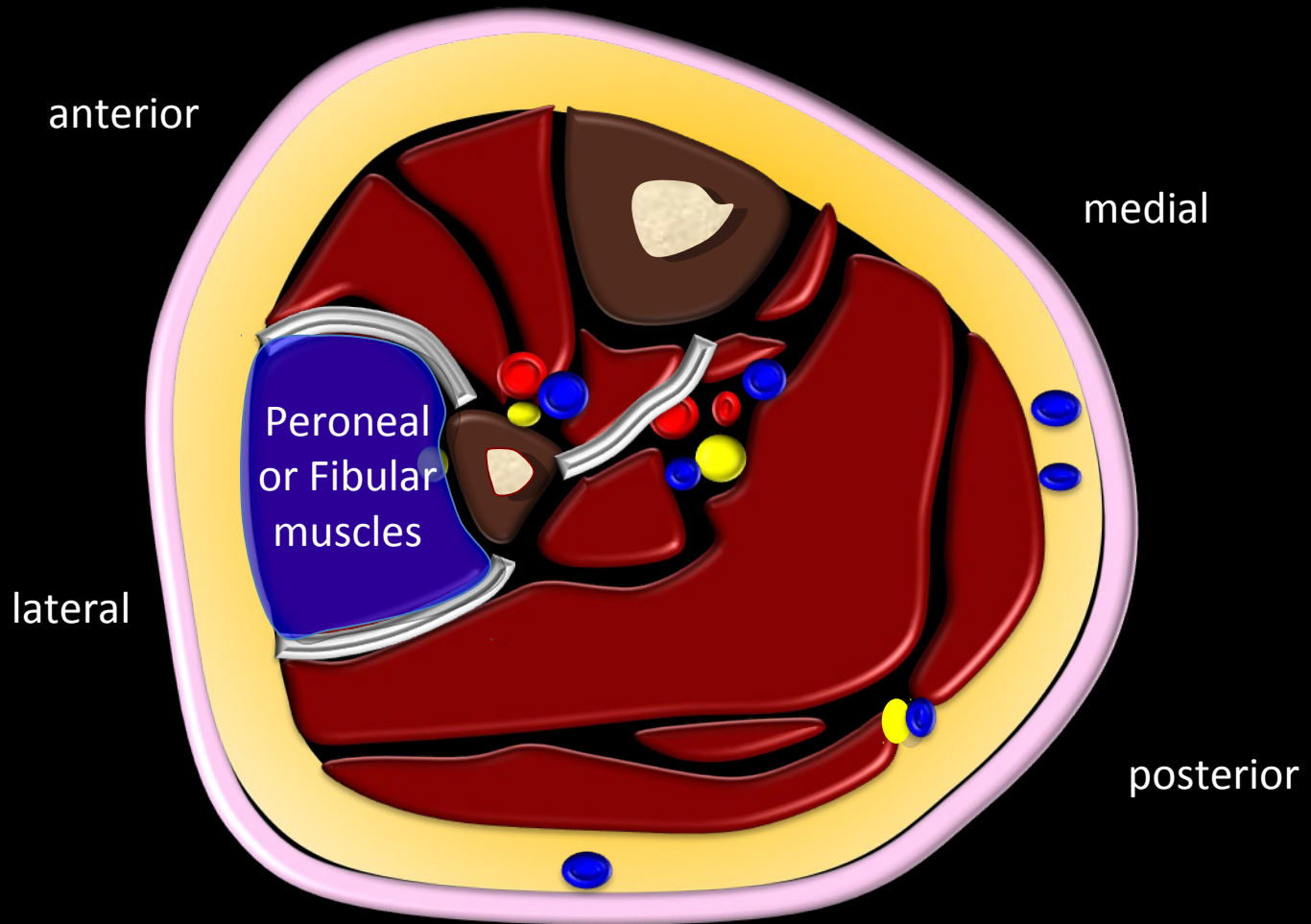
MRI of cross-section through right leg
Looking up towards the head

The Fibula has 3 borders and 3 surfaces



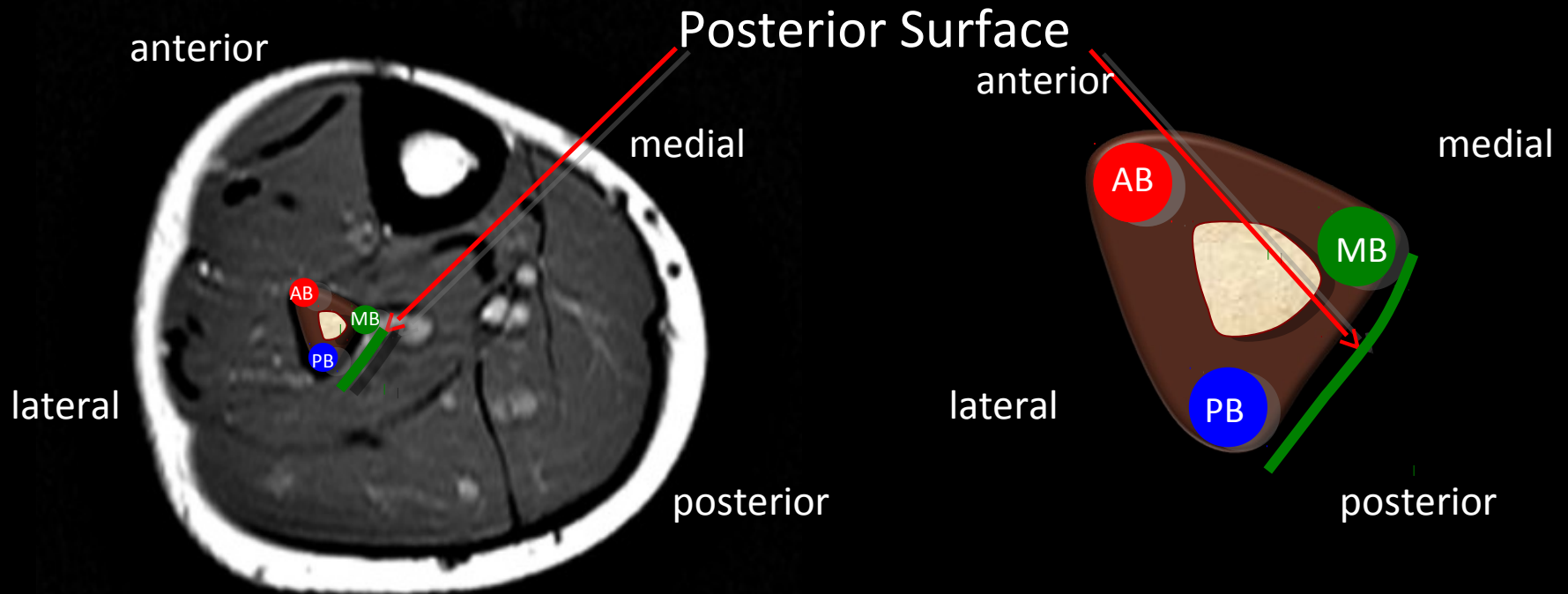
MRI of cross-section through right leg
Looking up towards the head

This surface is associated with the
peroneal or fibular muscles



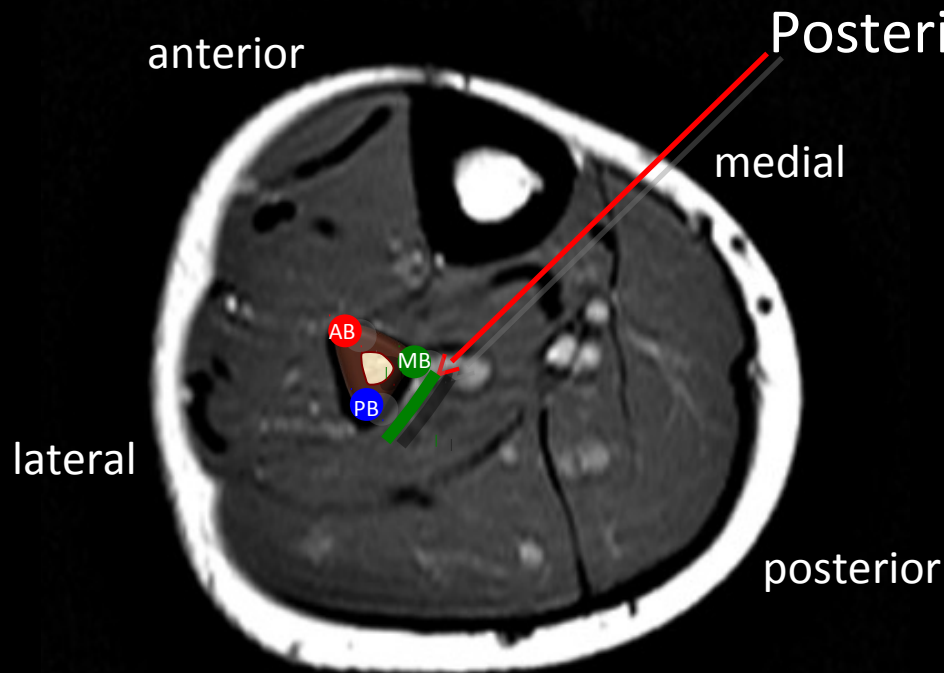
Cross section through leg approx 10 cm distal to knee joint

The Fibula has 3 borders and 3 surfaces

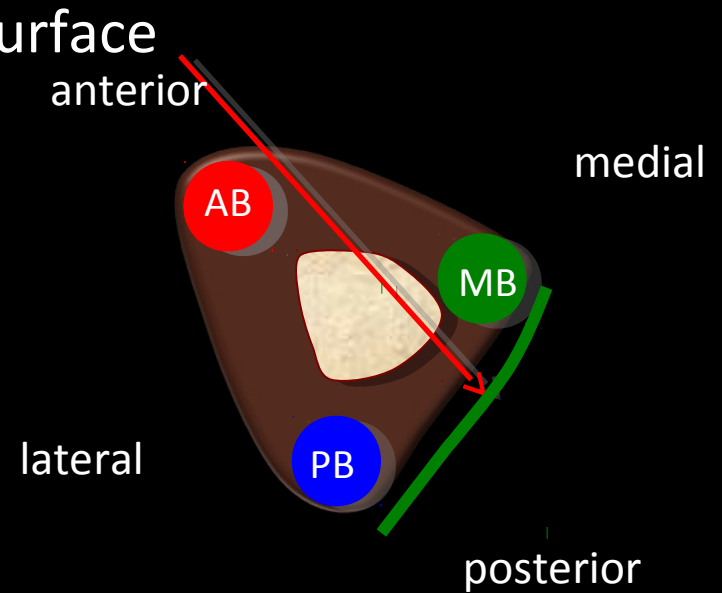


MRI of cross-section through right leg
Looking up towards the head

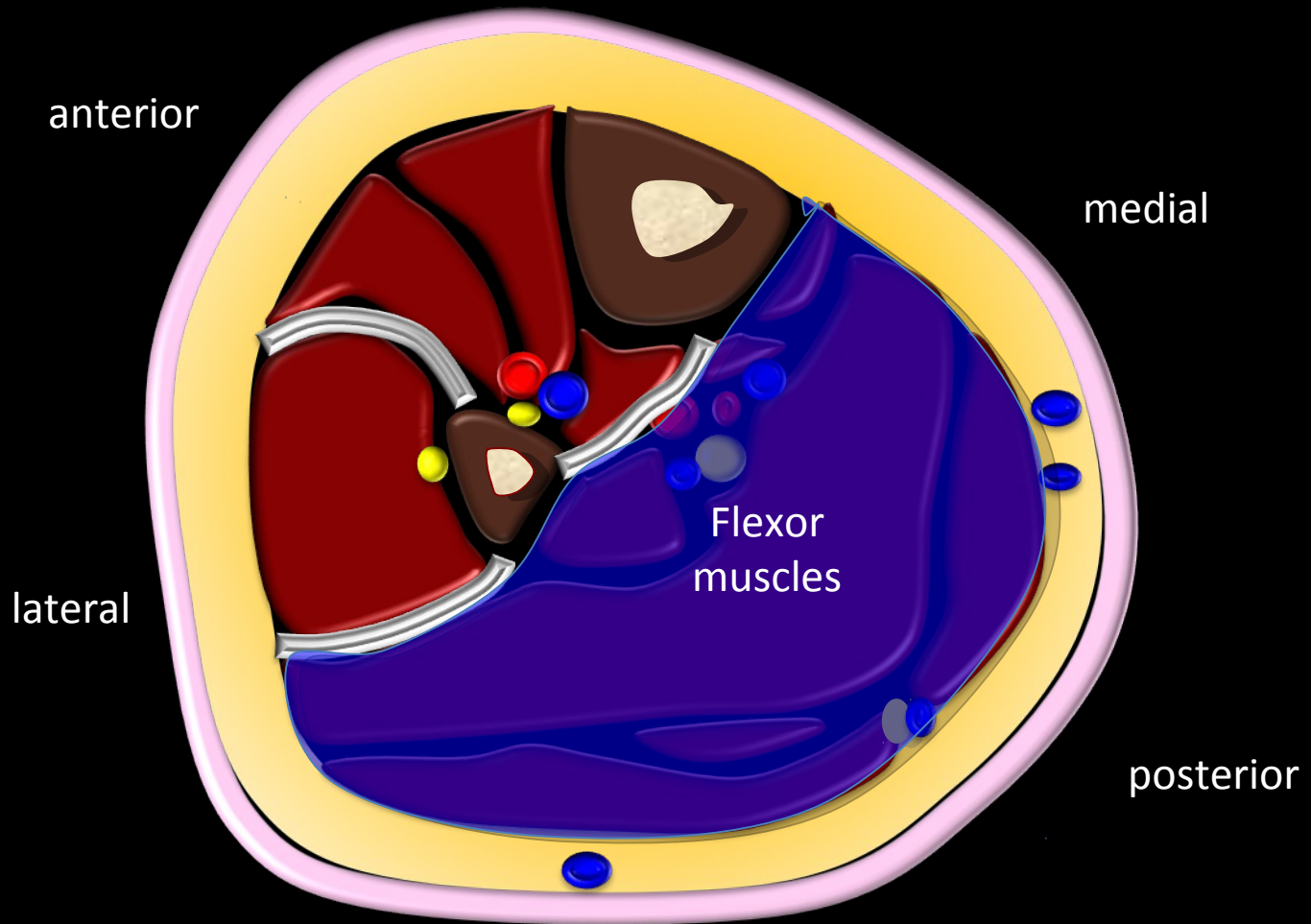
The Fibula has 3 borders and 3 surfaces



MRI of cross-section through right leg
Looking up towards the head



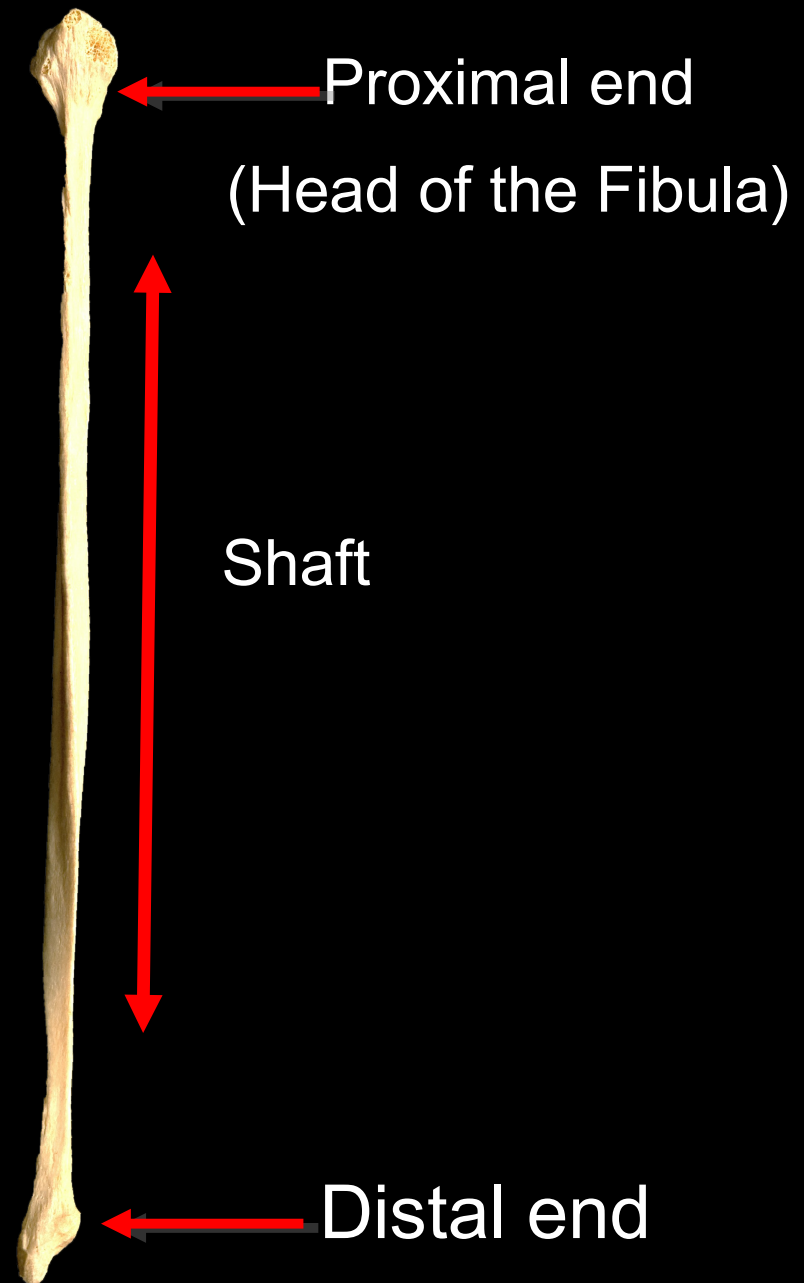
This surface is associated
with the flexor muscles



Cross section through leg approx 10 cm distal to knee joint

The Distal Fibula

The Distal Fibula



The Distal Fibula



The distal end of
the Fibula is
conical or
triangular in shape

The Distal Fibula



This conical
projection of bone is
called the
Lateral Malleolus

Lateral Malleolus

The Distal Fibula

It is easily palpable
in the ankle



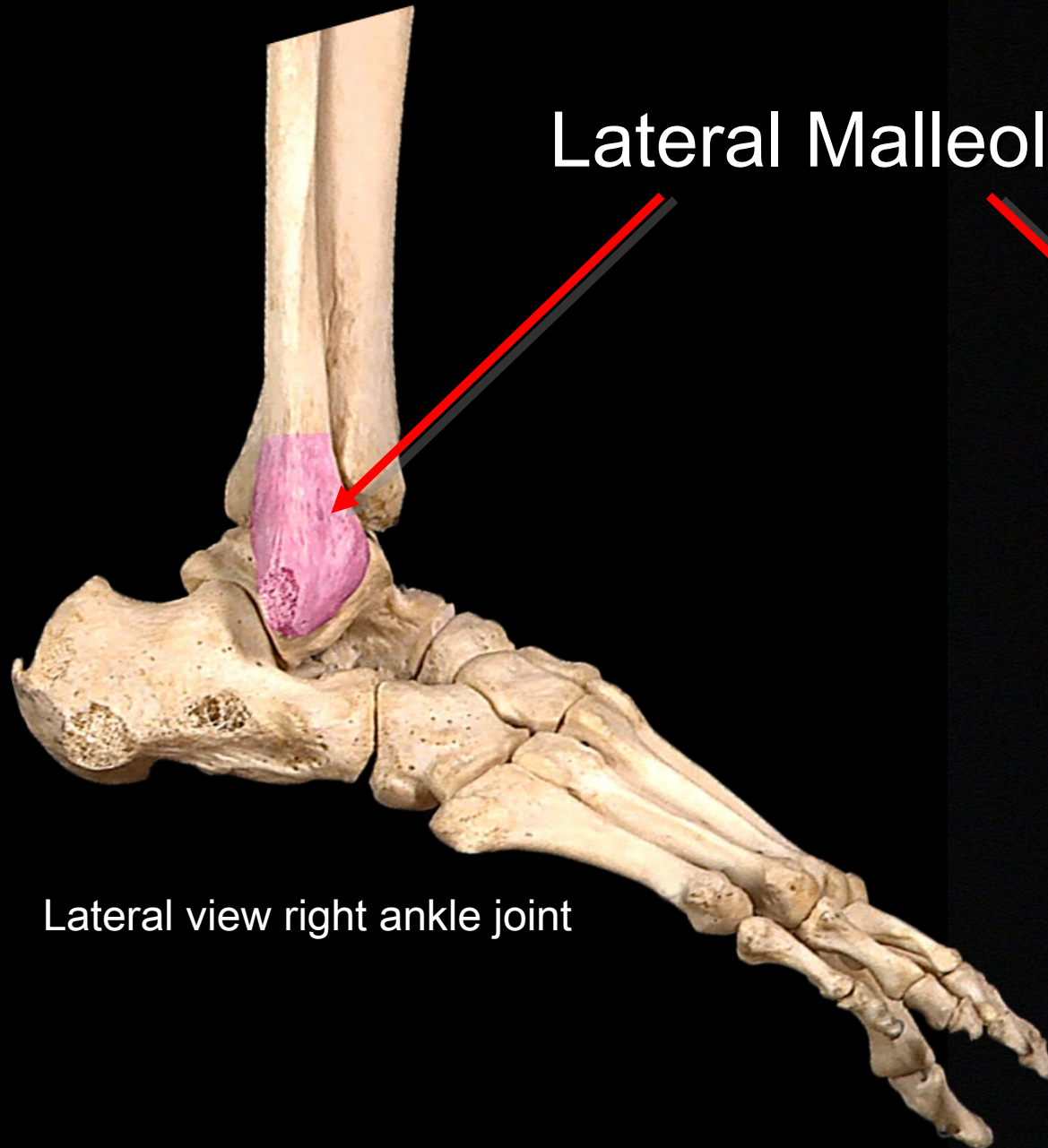
This conical
projection of bone is
called the
Lateral Malleolus

Lateral Malleolus

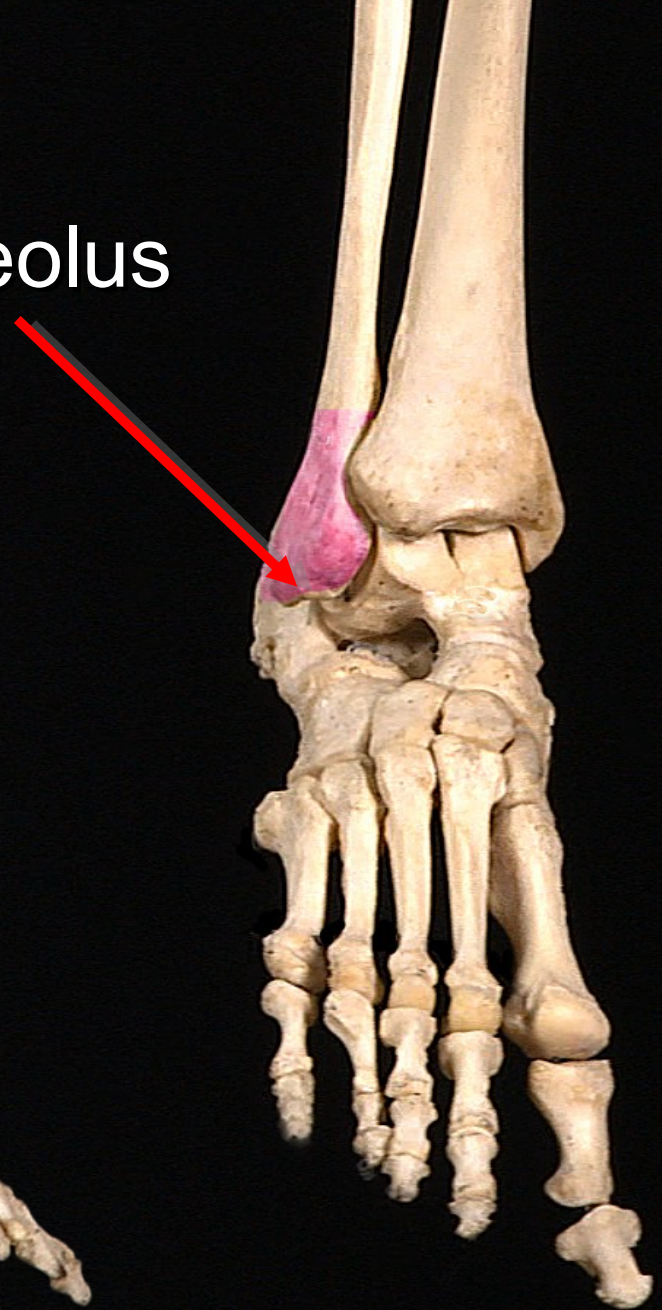


The Distal Fibula

Lateral Malleolus



Lateral view right ankle joint



Anterior view right ankle joint

The Distal Fibula

On the Medial side of the
Lateral Malleolus is a
triangular facet



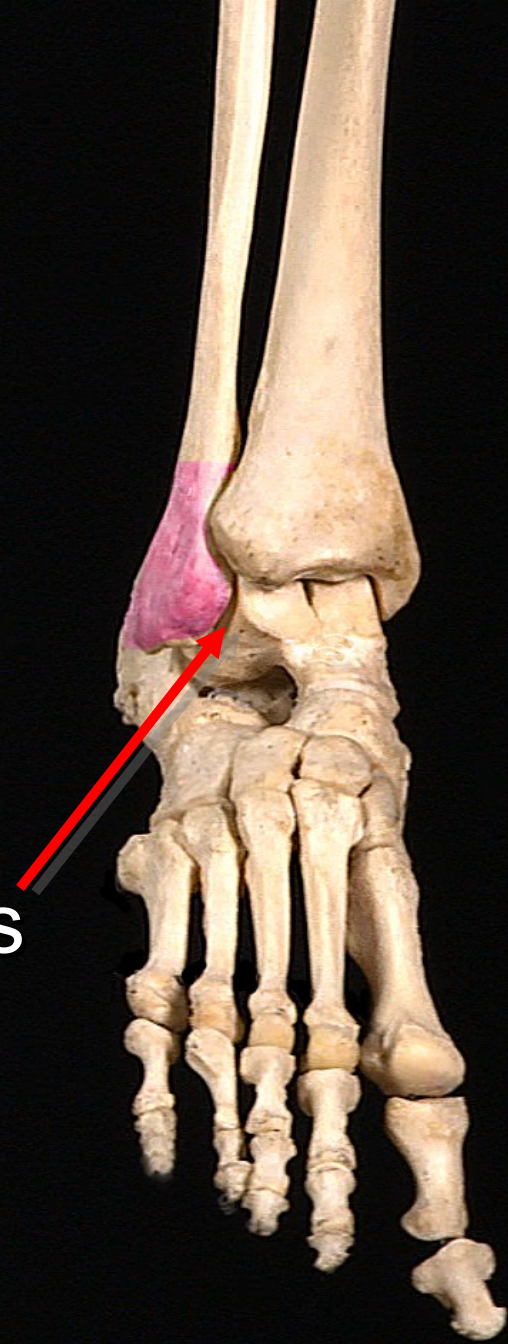
The Distal Fibula

On the Medial side of the
Lateral Malleolus is a
triangular facet

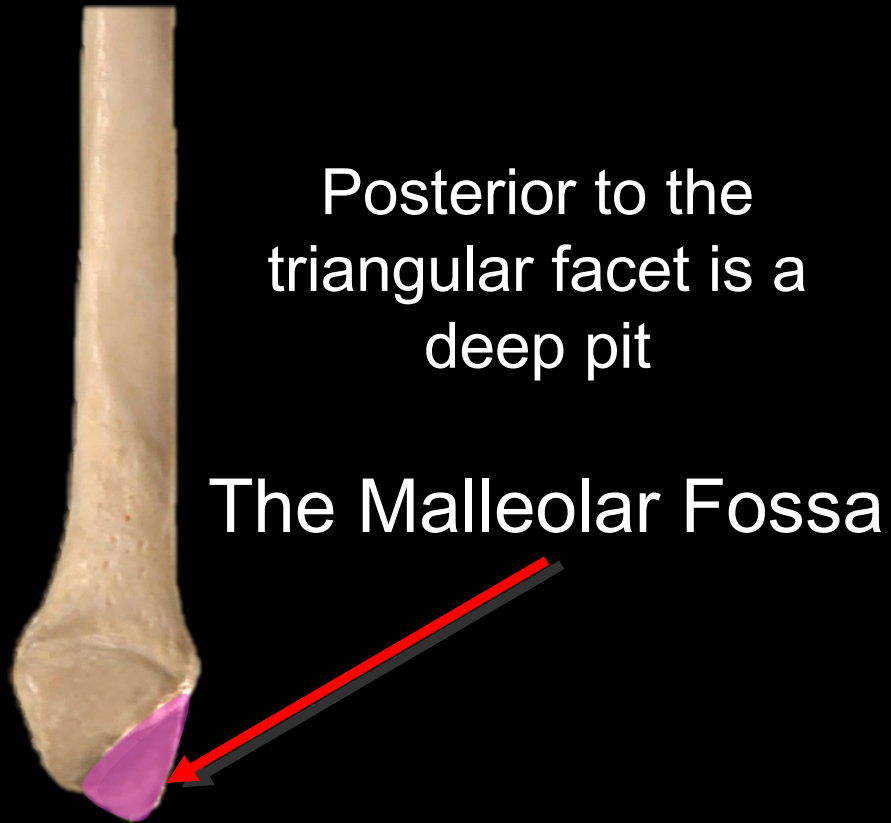


This facet articulates with
with the lateral surface of
the body of the Talus

Talus



The Distal Fibula



The Distal Fibula

