

ANATOMY OF LOWER LIMB

PRACTICAL LECTURE - 9 - MUSCLES / PART 5

MUSCLES OF THE ANTERIOR COMPARTMENT OF
THE LEG

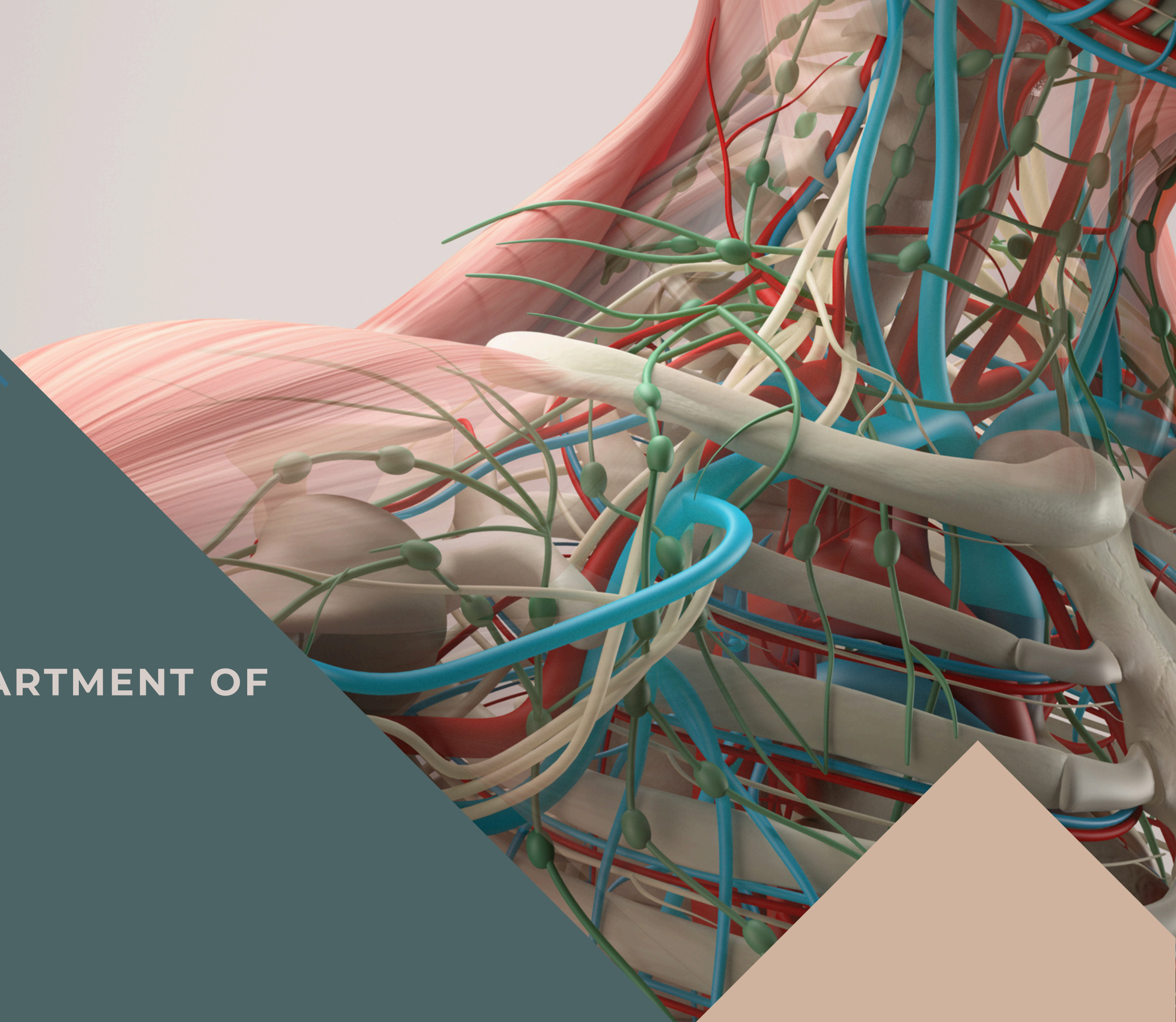
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-All The Muscles of The **Anterior Compartment of The Leg** Are Responsible For :

- **Dorsiflexion**
- **Extension of The Toes**

-All The Muscles of The **Anterior Compartment of The Leg** Are Supplied By

Deep Fibular (Peroneal) Nerve

A branch of the common fibular (peroneal) nerve



Anterior View

ANTERIOR COMPARTMENT OF THE LEG

TIBIALIS ANTERIOR

Origin : -Lateral condyle and proximal half of lateral surface of **tibia**
-adjacent **interosseous membrane** of leg

Tibialis Anterior

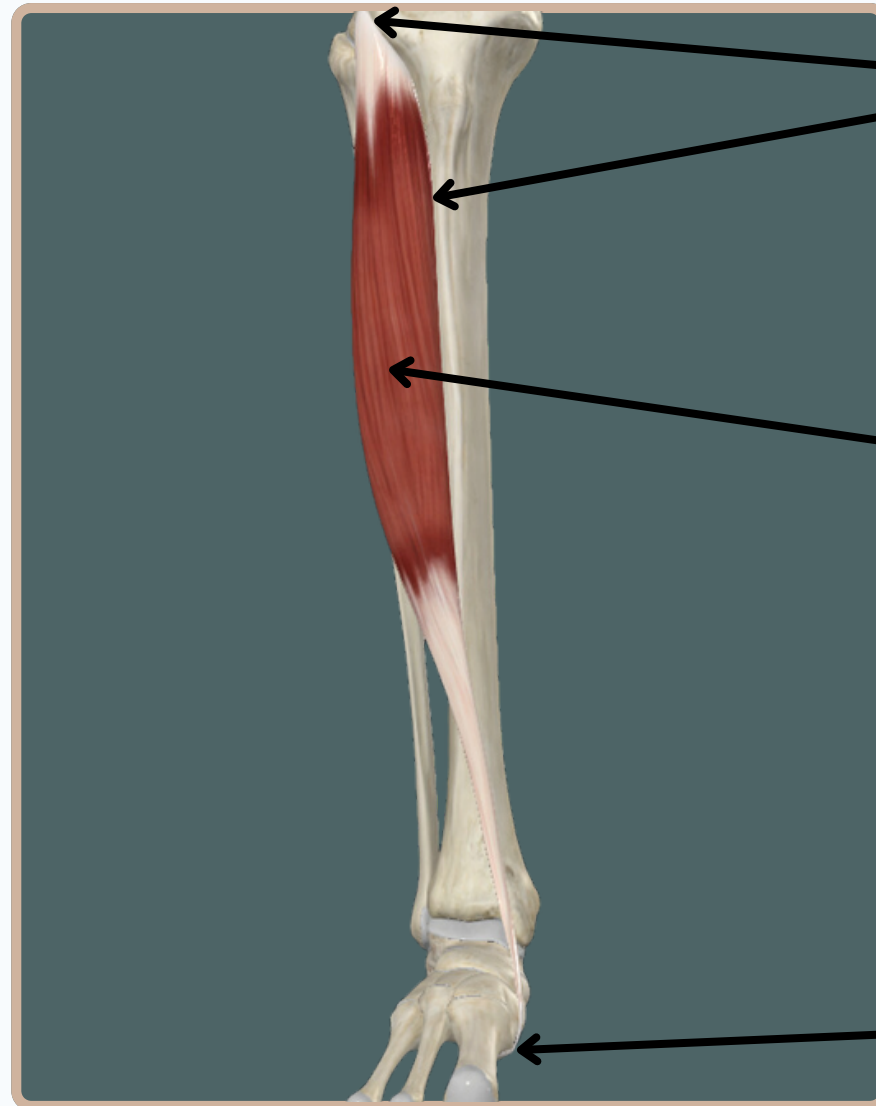
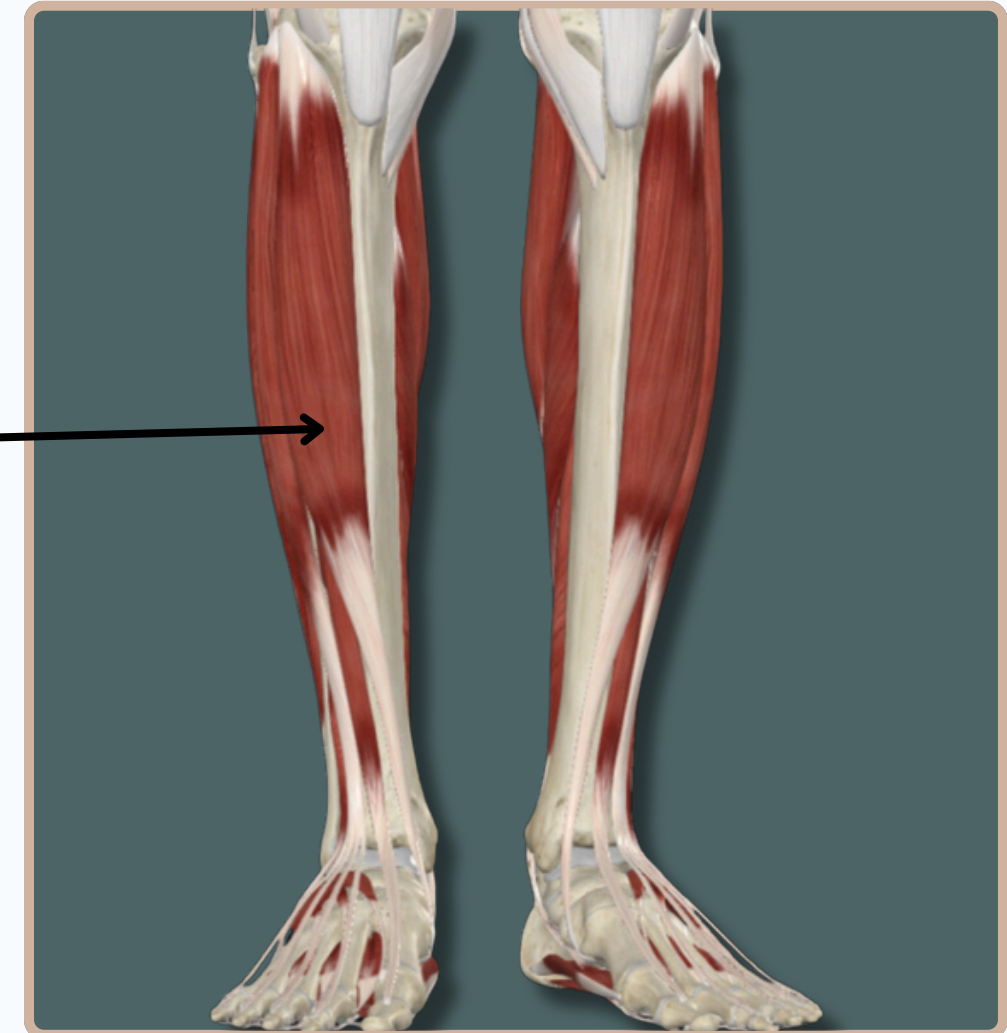
Insertion : -Inferomedial aspect **medial cuneiform bone**
-base of first **metatarsal bone**

Action :

- Dorsiflexes** foot at **ankle** joint
- inverts** foot at **subtalar** and **transverse** tarsal joints

Nerve Supply :
Deep fibular nerve

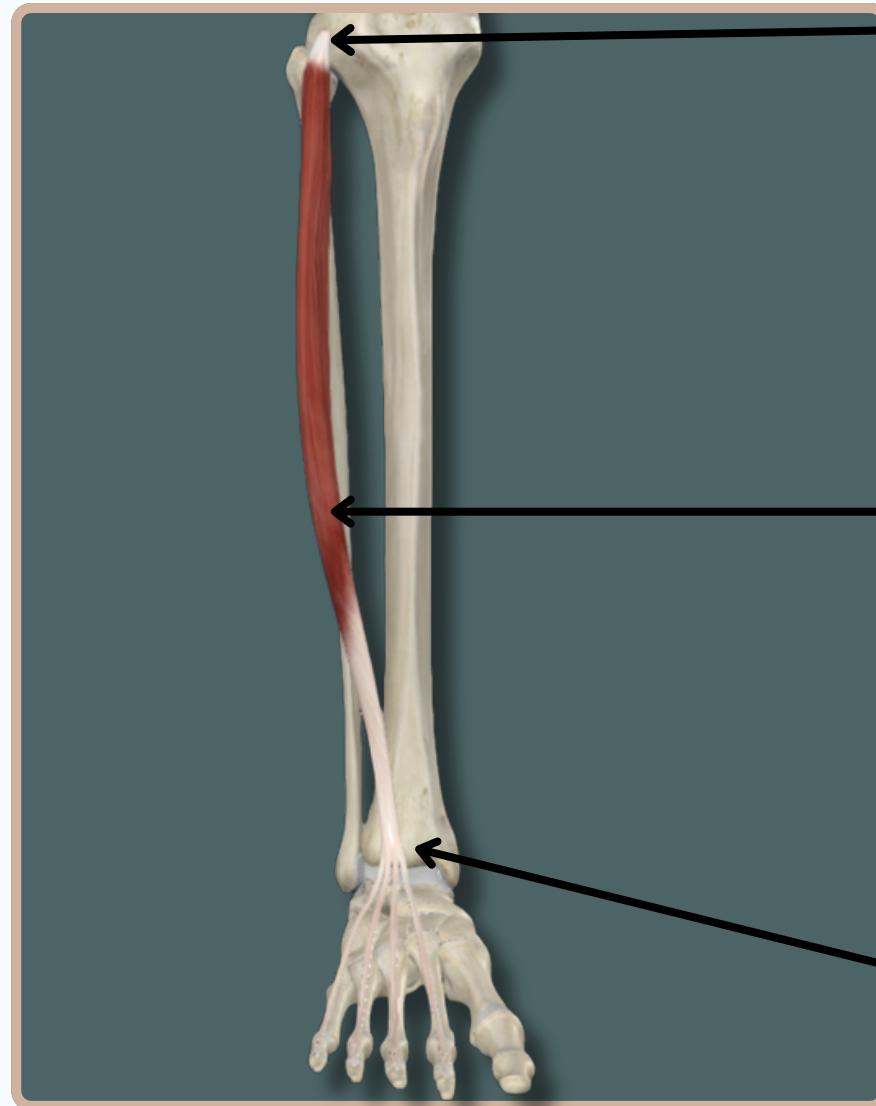
Anterior View



ANTERIOR COMPARTMENT OF THE LEG

EXTENSOR DIGITORUM LONGUS

Origin : -Lateral condyle of tibia,
proximal three quarters of **fibula**
-adjacent **interosseous membrane**
of leg



Extensor Digitorum Longus

Insertion : Dorsal aspects of bases of
both the **middle** and **distal** phalanges of
the **second, third, fourth, and little toes**



- Action :**
- Dorsiflexes** foot at **ankle** joint
 - Extends** second, third, fourth, and little **toes**

Nerve Supply :
Deep fibular nerve

Anterior View

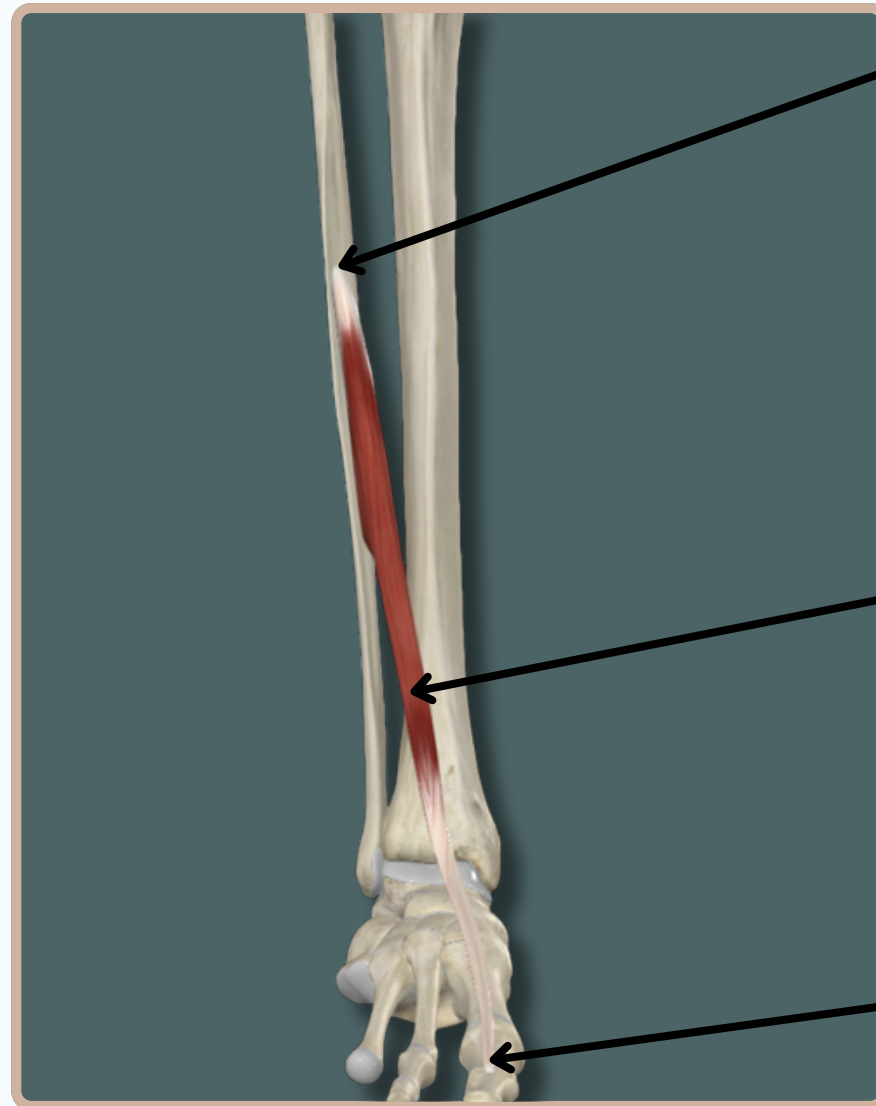


ANTERIOR COMPARTMENT OF THE LEG



EXTENSOR HALLUCIS LONGUS

Origin : -Medial surface of **fibula**
-adjacent **interosseous membrane**
of leg



**Extensor
Hallucis Longus**

Insertion : Dorsal aspect of base of
distal phalanx of **great toe**



Action :

- Dorsiflexes** foot at **ankle** joint
- Extends** The **great toe**

Nerve Supply :

Deep fibular nerve

Anterior View

THANK YOU

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