

وسهلا



أهلا

يُمنع أخذ السلايدات بدون
إذن المحرر واي اجراء
يخالف ذلك يقع تحت طائلة
المسؤولية القانونية
جميع المعلومات للاستخدام
التعليمي فقط

الأستاذ الدكتور يوسف حسين

رئيس قسم التشريح والأنسجة والأجنة

كلية الطب - جامعة مؤتة - الأردن

دكتورة من جامعة كولونيا المانيا

Prof. Dr. Youssef Hussein Anatomy - YouTube

الواتس 00201224904207

<https://www.youtube.com/@ProfDrYoussefHusseinAnatomy/playlists>

Common peroneal nerve

Prof. Dr. Youssef Hussein Anatomy - YouTube

- **Common Peroneal Nerve**

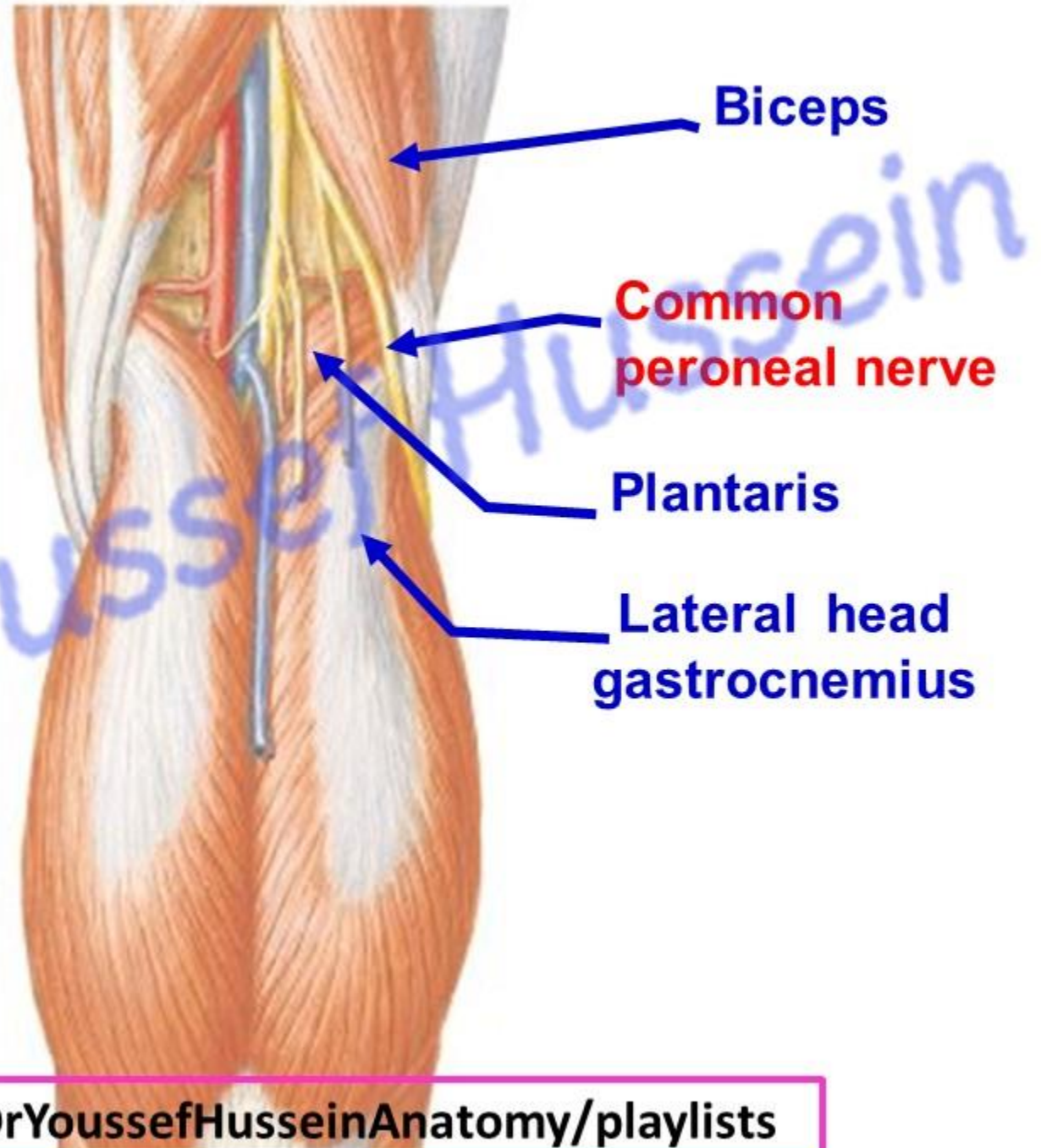
**** Origin:** one of the two terminal branches of the sciatic nerve (Smaller).

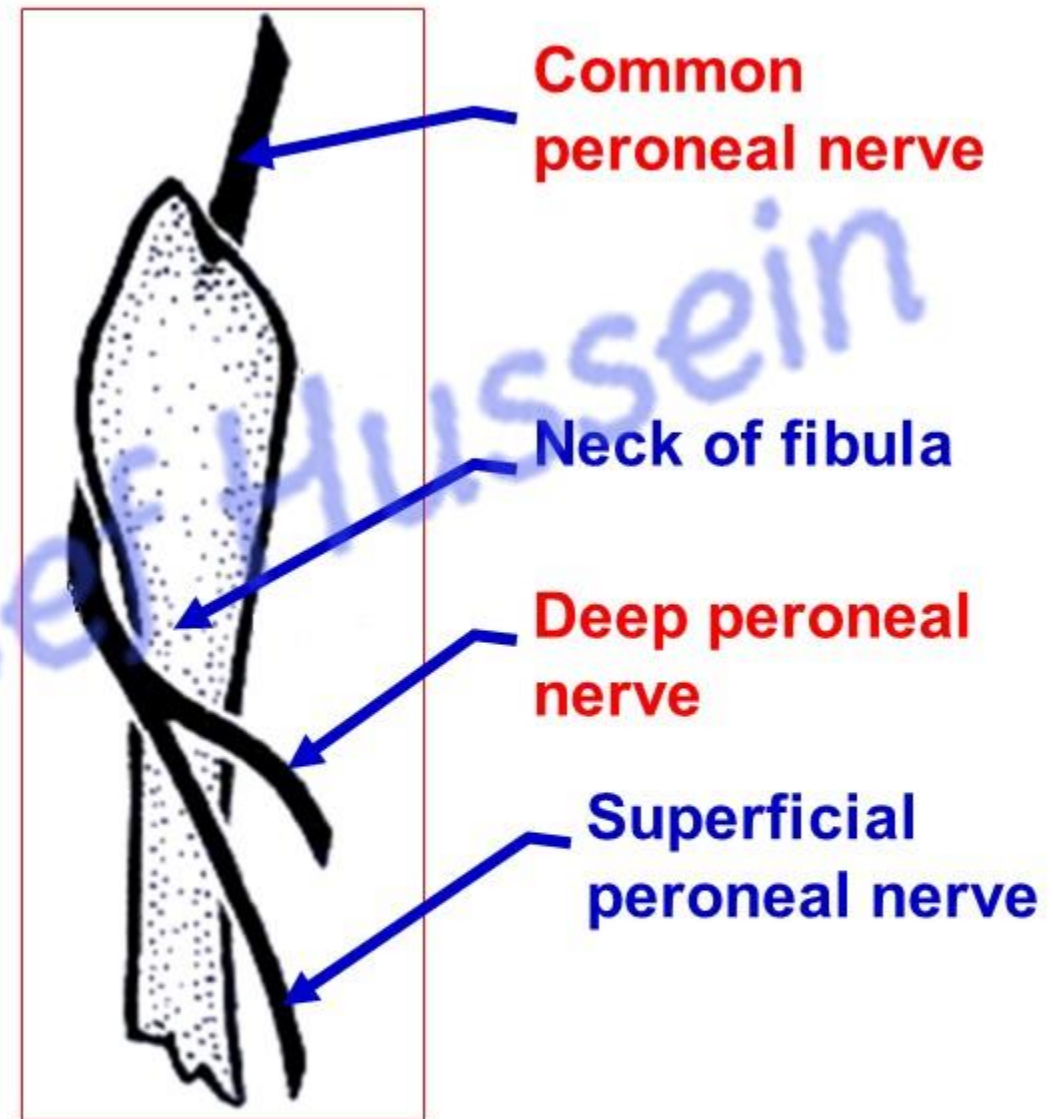
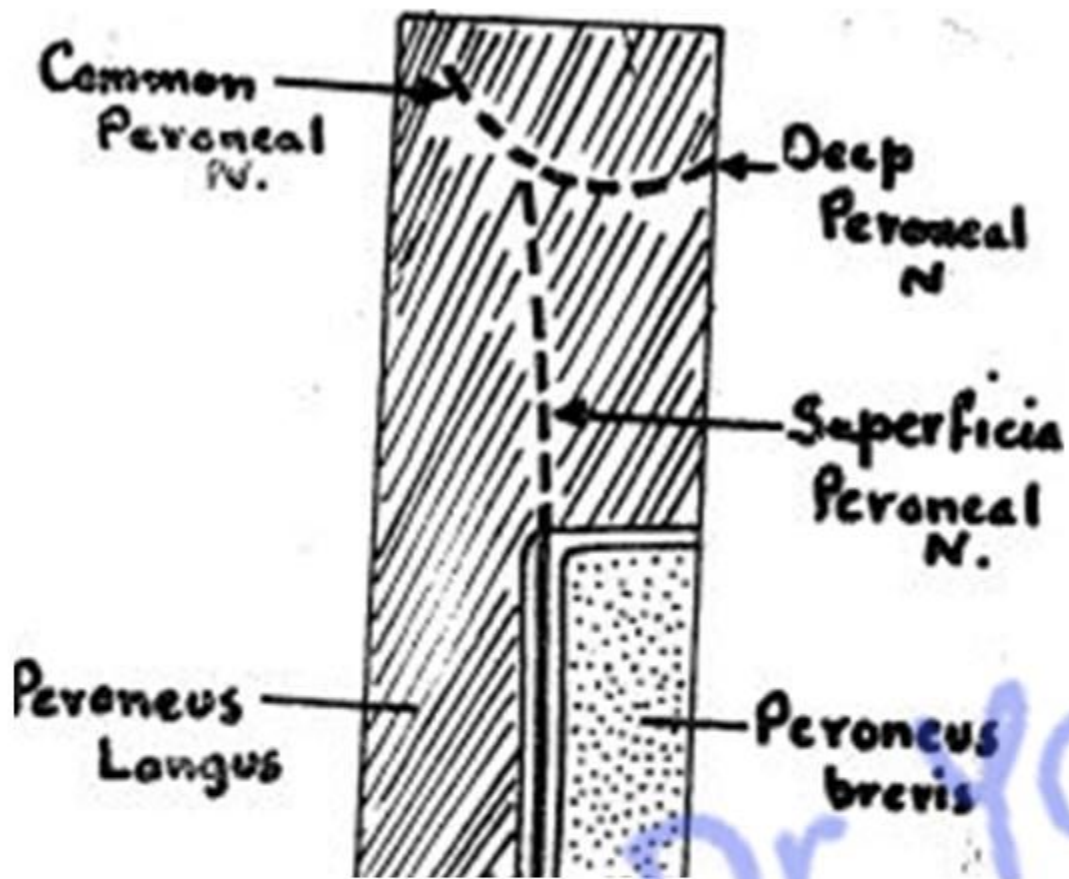
**** Roots:** It arises from **L. 4, 5, S. 1, 2**

**** Course;**

- **It enters the popliteal fossa** at its upper angle and descends downwards and laterally close to the medial side of the biceps femoris.

- **It leaves the fossa** through its lateral angle where it crosses plantaris and lateral head of gastrocnemius.





- **Ends:** it curves on the lateral side of the **neck of the fibula** (the commonest site of injury) then, divides into deep and superficial peroneal nerves, inside the peroneus longus,

**** Branches of Common Peroneal Nerve**

I- No muscular branches in the popliteal fossa.

II- Articular branches to the knee joint.

- 1- **Superior** lateral genicular nerve.
- 2- **Inferior** lateral genicular nerve.
- 3- **Recurrent** genicular nerve.

III- Cutaneous branches:

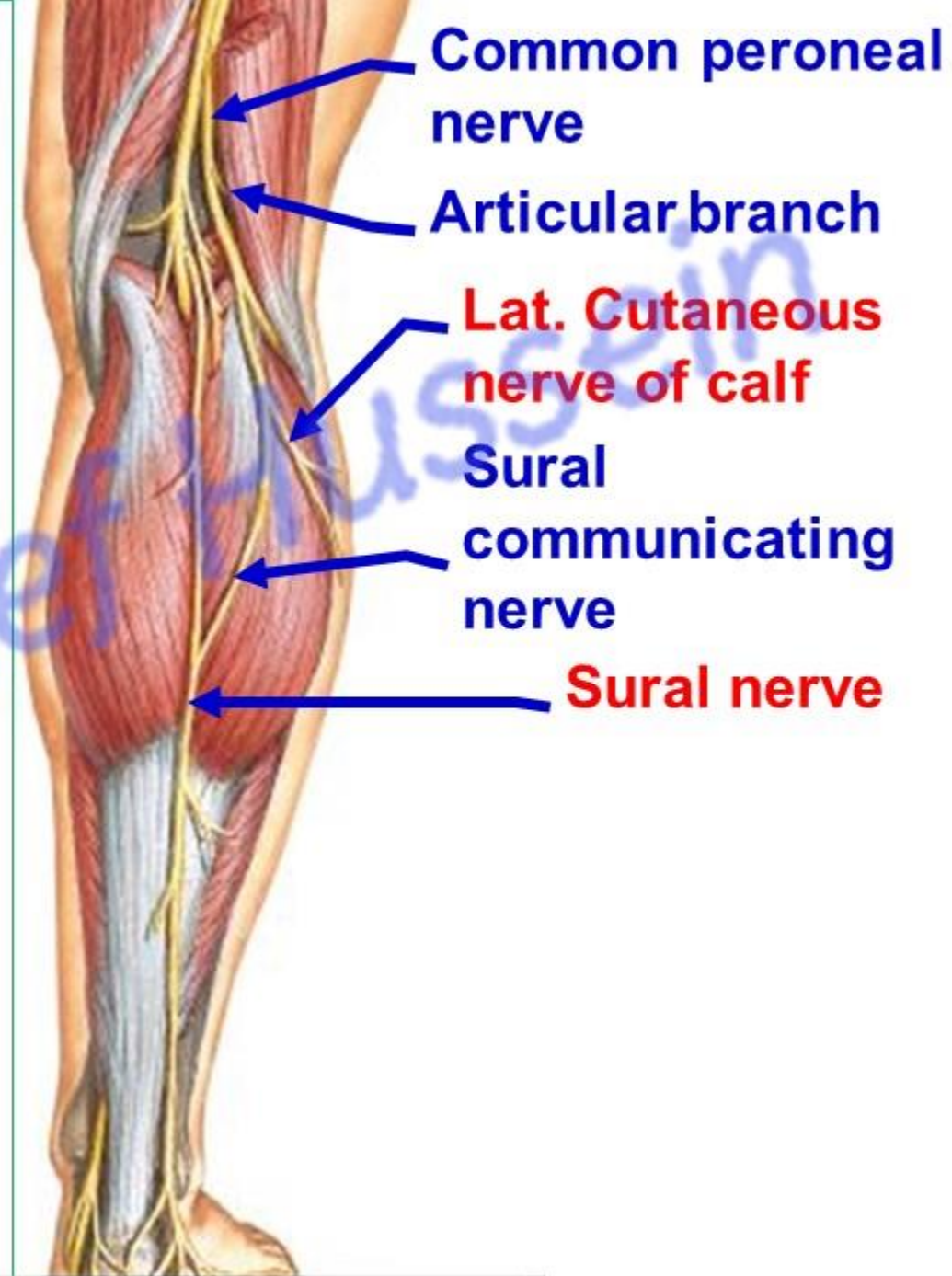
a. Sural communicating nerve.

b. Lateral cutaneous nerve of the calf; supplies the skin of the lateral, and anterior surfaces of the **upper part of the leg.**

IV- Terminal branches:

1- Deep peroneal (anterior tibial) nerve to the **anterior compartment** of the leg.

2- Superficial peroneal (musculocutaneous) nerve to the **lateral compartment** of the leg.



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Tibial Nerve

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• Tibial Nerve

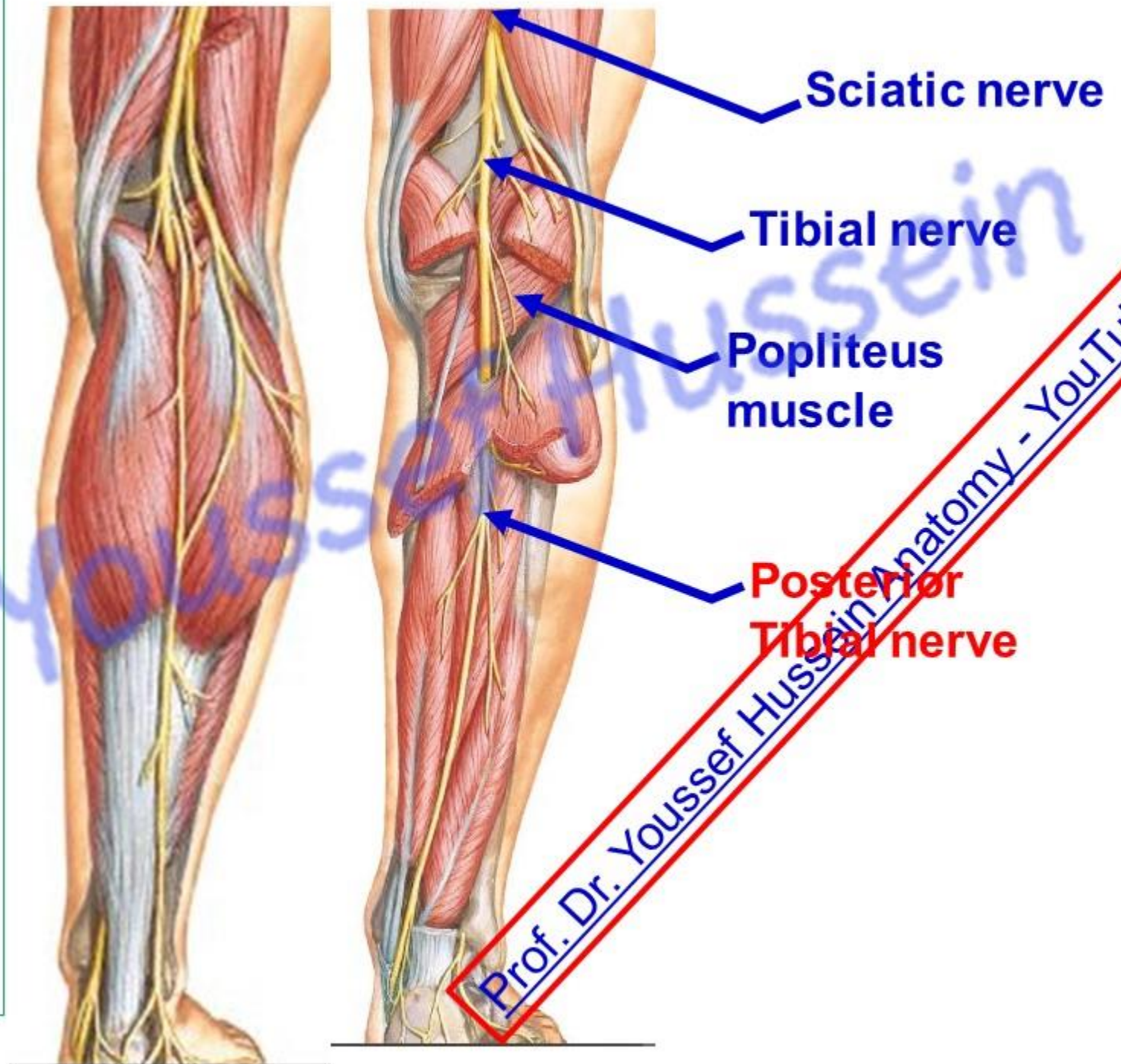
**** Origin:** one (larger) of the two terminal branches of the sciatic nerve.

**** Roots:** L. 4, 5, S. 1, 2,3

**** Course:**

- It **enters** the popliteal fossa at its upper angle and **leaves** it at its lower angle.
- It passes **superficial** to popliteus muscles

**** Ends:** At the distal border of popliteus (floor of popliteal fossa) and continues as **posterior tibial nerve**.



• Articular branches

- 1- **Superior medial genicular** nerve.
- 2- **Middle genicular nerve** (supply the cruciate ligaments).
- 3- **Inferior medial genicular** nerve.

Medial head of gastrocnemius

Popliteus (The nerve descends superficial to the muscle and then hooks on its lower border to supply the muscle **through its deep surface (Ventral)**).

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Plantaris

Lateral head of gastrocnemius

Soleus supplies the muscle through its **Superficial surface (Dorsal)**

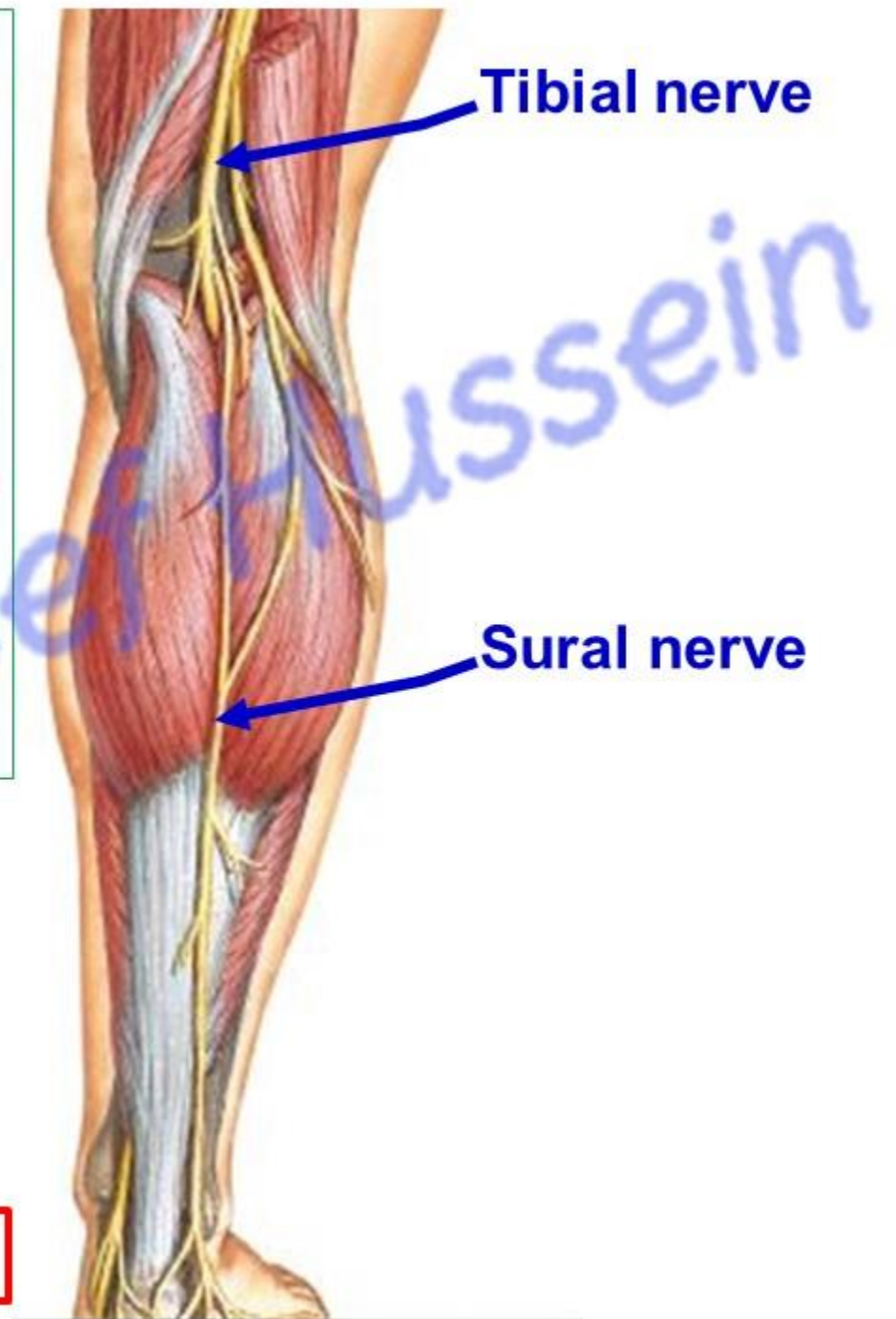
❖ **Muscular branches**



- **Cutaneous branch of tibial nerve**

- **Sural nerve**

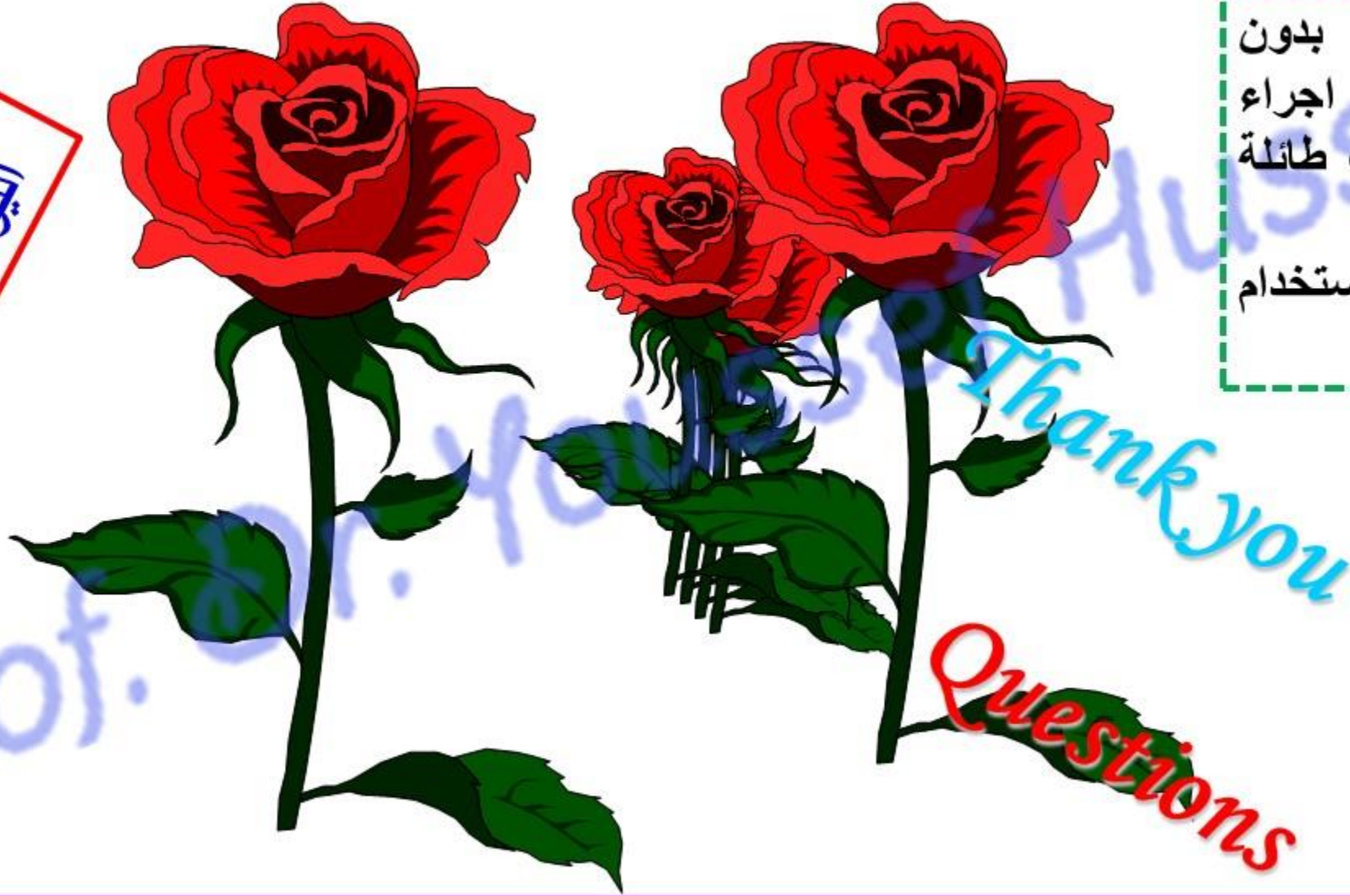
- It descends in the back of the leg.
- It curves **behind and below the lateral malleolus** to continue forwards along the lateral border of the dorsum of the foot to **end in the lateral side of the little toe**.
- **It supplies** the back of the leg, lateral border of the foot and lateral side of the little toe.



https://www.youtube.com/channel/UCVSNqbibj9UWYaJdd_cn0PQ

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