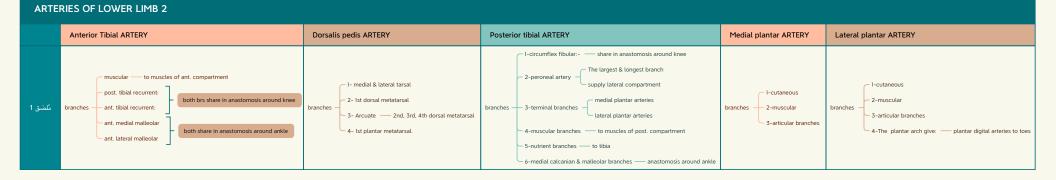
ARTERIES OF LOWER LIMB 2

	Anterior Tibial ARTERY	Dorsalis pedis ARTERY	Posterior tibial ARTERY	Medial plantar ARTERY	Lateral plantar ARTERY
Origin	smaller terminal br. of popliteal art.	midway () 2 malleoli	larger terminal branch of popliteal art	small terminal branch of post. tibial art.	large terminal branch of post. tibial art.
	at lower border of popliteus	as continuation of ant. tibial artery	at lower border of popliteus.	deep to flexor retinaculum	deep to flexor retinaculum
Course	descends in front of interosseous membrane () libialis ant. & ext. hallucis longus then () tibialis ant. & ext. hallucis longus then crossed by ext. hallucis longus from Lateral to medial descend in front of tibia () tendors of ext. hallucis longus(medially) & ext. digit. Longus (laterally)	Course - (Then downward on dorsum of foot in line with 1st Then downward () 2 heads of 1st dorsal interosseous to enter sole	accompanied by posterior tibial nerve Course descends in posterior compartment of the leg in tower part of leg descends vertically () soleus tibialis post in tower part of leg the art. become superficial in tower part of leg the art. become superficial lying on back of tower of the of the log of capsule of ankle	with medial plantar n. The nerve lateral to the artery) pass deep to abductor hallucis Course flexor digi. brevis then () flexor digi. brevis	Immittated platter / (the over medial to the attery) Plats deep to abductor hallucis. Plats deep to abductor hallucis. Course FDB At base of 5th metatarsal At base of 5th metatarsal that pass () the 3rd layer (adductor hallucis) the 4 th layer (tendons of peroneus longus & tibials post.)
End	midway () 2 malleoli	in sole	deep to flexor retinaculum - (behind medial malleolus) (pulsation felt)	by supplying medial side of big toe	at proximal end of 1st intermetatarsal space
	to be dorsalis pedis artery	anastomose with plantar arch	give - lateral plantar arteries	by supprying means side of big toe	anastomose with the end of dorsalis pedis art.
مُلصَق 4	at first it lies in post. compartment of leg then pass forward through opening in upper part of interoseous membrane to enter ant. compartment.	المضوع القرعي 5	It supplies post. &lateral compartments of leg		the deep branch of lateral plantar n. lies in concavity of the plantar arch



Posterior tibial ARTERY

	Peroneal (fibular) art.:			
Origin	near to origin of post. tibial art			
Course	Course descend vertically behind the fibula close to flexor hallucis longus			
Branch	May replace anterior tibial artery 1-perforating branch pierce interosseous membrane to reach ant. Compartment of leg 2-muscular branches to muscles of lateral compartment of leg 3-nutrient branch to fibula 4- lateral calcanean &malleolar branch			

''تشتد همومك ويضىء فى قلبك اليقين أنّ الرحمة إليك أقرت مما مضى، وأن سجال المتاعب معك سيفضى إلى سلام، وأنَّ الظنونَ الجميلة التب رقدت في قلبك سيكونُ لها صبحٌ عما قريب."



