Summary for muscles of lower limb

تم بواسطة:- عبد الودود الخفش



muscle of front of thigh

	(extens	or Group)	
	(origin	/ insertion	(1
1 sartorius	ganterior superior iliac	spine Omedial condule of tibia	9

upper end of tibia Estrap-like muscle @the longest muscle

Femoral nerve @ flexion @abduction Olateral rotation of hip

action

Oflexion of knee

2) Quadriceps femoris

tibial tuberosity by tendon La Rectus femoris hip bone O Femoral nerve O extention of knee tibial tuberosity by tendon (Femoral nerve O extention of knee Hovastus lateralis femur

la vastus medialis tibial tuberosity by tendon (Femoral nerve Dextention of knee femur Guastus intermedius tibial tuberosity by tendon (O Femoral nerve o extention of knee femur

muscles of medial side of thigh (adductor Group)

	origin	insertion	(N.S	(action
1 pectineus	Ohipe bone		@femora).N	€ Adduction of hip (thigh)
2 Gracillis	Ohipe bone	0 Tibia	@ obturator.N	€ Adduction of hip (thigh)
3 adductor longus	@hipe bone	Femur	@ obturator.N	€ Adduction of hip (thigh)
(4) adductor brevis	Ohipe bone	0 femur	@ obturator.N	Adduction of hip (thigh)
Badductor magnus				
pubic part	Thipe bone	9 Femur	@ obturator.N	EAdduction of hip (thigh)
6 ischial part	Thipe bone	Femur	Osciatic .N	Oextention of hip (thigh)

muscles of Gluteal Region

	,			
(origin	insertion	/ N.S	(action
A Three Gluteii muscles				
Gluteus maximus	Objusted surface of itium Oback of sacrum	@ Gluteal tuberosity	⊘inferior gluteal·N	Omain extensor of hip
-> Gluteus medius	Obluteal surface of ilium	Ogreater trochanter of femur	Osuperior gluteal.N	Smain abduction of hip
Gluteus minimus	Obluteal surface of ilium	greater trachanter of femur	Osuperior gluteal.N	Omain abduction of hip
12) Six short lateral			(
rotators of hip joint		Described L. L. L. C. C	Obvanches of sacral	€ lateral rotation of hip
> piriformis	@sacrum	Ogreater trochanter of Femur	plexus	
- Quadratus femoris	Ohip bone	Ogreater trochanter of femur	Sbranches of sacral plexus	⊖lateral rotation of hip
- Obturator internus	6 hip bone	Ogreater trochanter of femur	Obranches of sacral plexus	Elateral rotation of hip
- Obturator externus	Ohip bone	Ogreater trochanter of femur	Obranches of sacral plexus	Olateral rotation of hip
- superior gemellus	Ohip bone	Ogreater Frochanter of Femur	Obranches of sacral plexus	⊖lateral rotation of hip
Inferior gemellus	6 hip bone	Ogreater trochanter of femur	branches of sacral plexus	⊖lateral rotation of hip

muscles of Back of thigh

	origin.	insertion	/ N.S	action
1) semitendinosus	@ischial tuberosity of hip bone	Oupper end of tibia	⊖ Sciatic.N	Of hip Of lexion Orotation of knee
2 Semimem branosus	@ischial tuberosity of hip bone	Oupper end of tibia	⊖ Sciatic.N	Oextension, of hip Oflexion Orotation, of knee
3 Biceps femoris				
-long head	Gischial tuberosity of hip bone	Oupper end of fibula	Osciatic.N	extension of flexion of hip of knee
short head	Olinea aspera of femur	Oupper end of fibula	O Sciatic.N	Dextension, Oflexion Orbitation

في فوقت اسعها Semitendinosus Semimembranosus front of thigh Medial of thigh Back of thigh

upper end of tibia 11 is insertid els = juli ois

popliteus 11 pales

Muscle of front of leg

	origin	insertion	(N.S	(action
1 tibialis anterior		OBones of foot	⊖Anterior tibial.N	○ Extension (dorsflexion)○ F ankle joint○ inversion of foot
2 Extensor hallucis longus		OBones of foot	⊖Anterior tibial.N	○ Extension (dorsflexion)○ f ankle joint○ extention of big toe
③ Extensor digitorum longus		OBones of foot	Anterior tibial.N	 ○ Extension (dorsflexion) of ankle joint ○ extention of lateral
Peroneus tertius	front of fibiafront of fibula	OBones of foot	Anterior tibial.	∈Extension (dorsflexion) of ankle joint

Muscle of Lateral side of Leg

	origin	<i>insertion</i>	(N.S	<i>(action</i>
1 Peroneus longus	OLateral surface of fibula	⊖Bones of Foot	⊖superficial peroneal. <i>N</i>	© Eversion of foot
2) peroneus brevis	O Lateral surface of fibula	⊖Bones of foot	⊖Superficial peroneal.N	© Eversion of foot
			\)

muscles of Back of leg

		origin	insertion	/ N.S	action
(A superficial Group)	
	-> Gastrocnemius	⊖ femur	OBack of calcaneus	Otibia .N	Oplanter flexion of foot
5	_> Soleus	Oback of tibia (soleal line)	OBack of calcaneus	⊖tibia. N	Oplanter flexion of foot
	-> plantaris	⊖ femur	OBack of calcaneus	8 fibia. N	Splanter flexion of foot
	→ popliteus	⊖ femur	Supper end of fibia	Ofibia.N	Ohelps in rotation of knee
(E	Deep Group				
Ţ	> Flexor hallucis longus	Sback of tibia and fibula		Oposterior tibial .N	Oplanter flexion of foot of flexion of toes
	> Flexor digitorum longus	Sback of tibia and fibula	⊖ Bones of foot	Oposterior tibial .N	Oplanter flexion of foot Oflexion of toes
	- Tibialis posterior	Deach of tibia and fibula	C Panas of C L	Oposterior tibial N	Oplanter flexion of foot