

Короткие нервы пояснично-
крестцового сплетения+
n.cutaneus femoris et n.pudendus

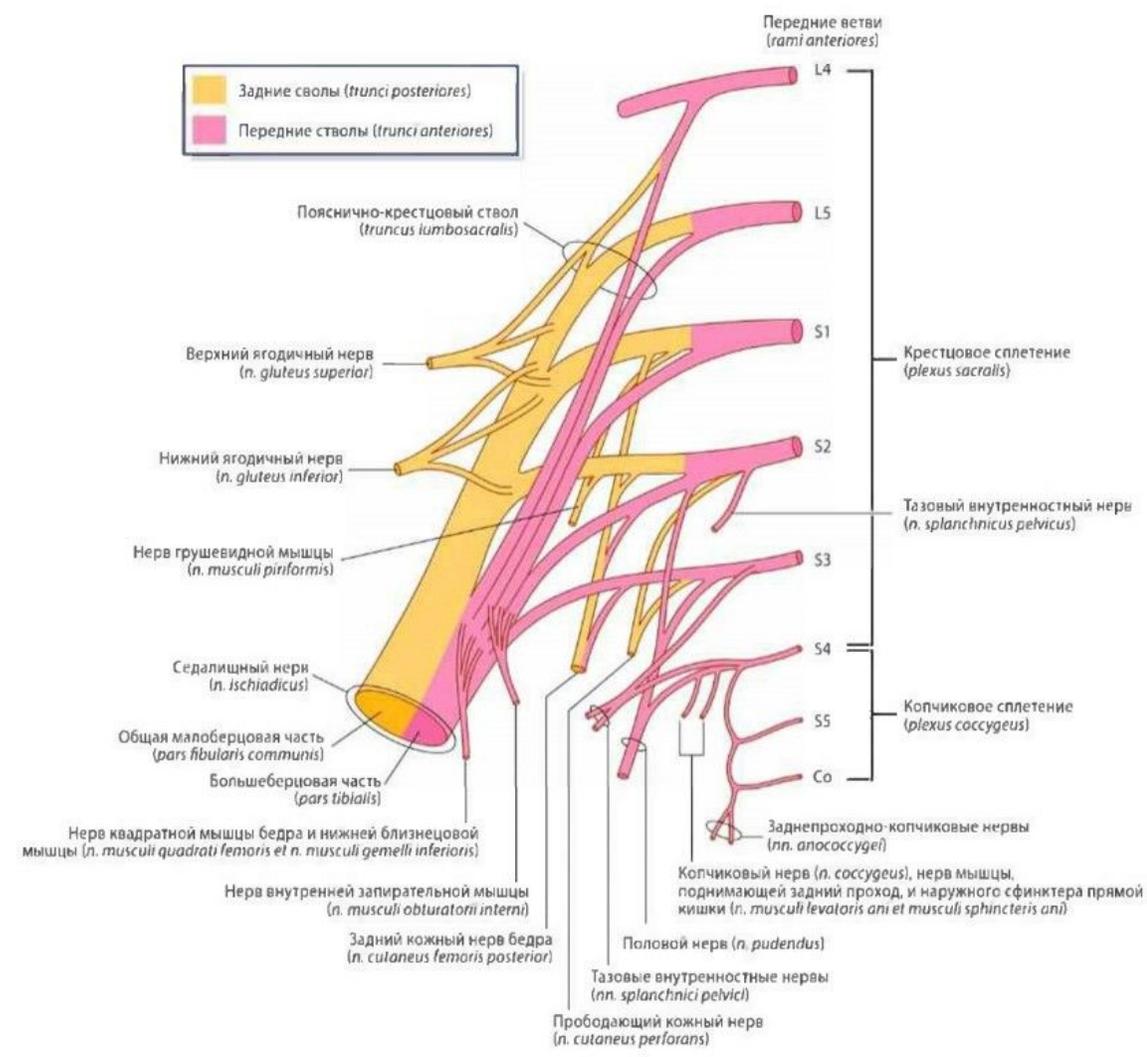
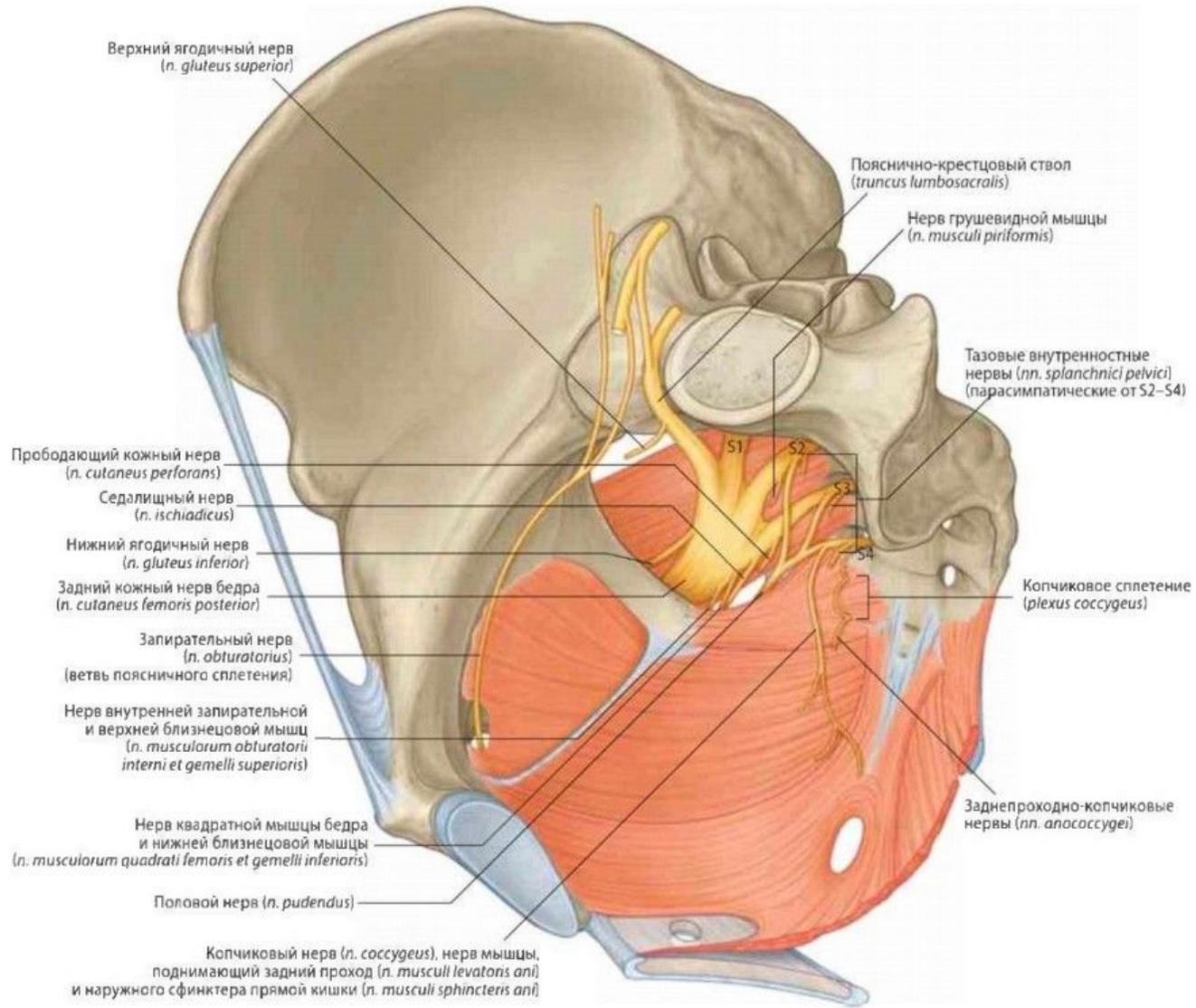
Пугачев Роман

Короткие ветви

- мышечные нервы
- верхний ягодичный нерв
- нижний ягодичный нерв
- половой нерв

Длинные ветви

- задний кожный нерв бедра
- седалищный нерв



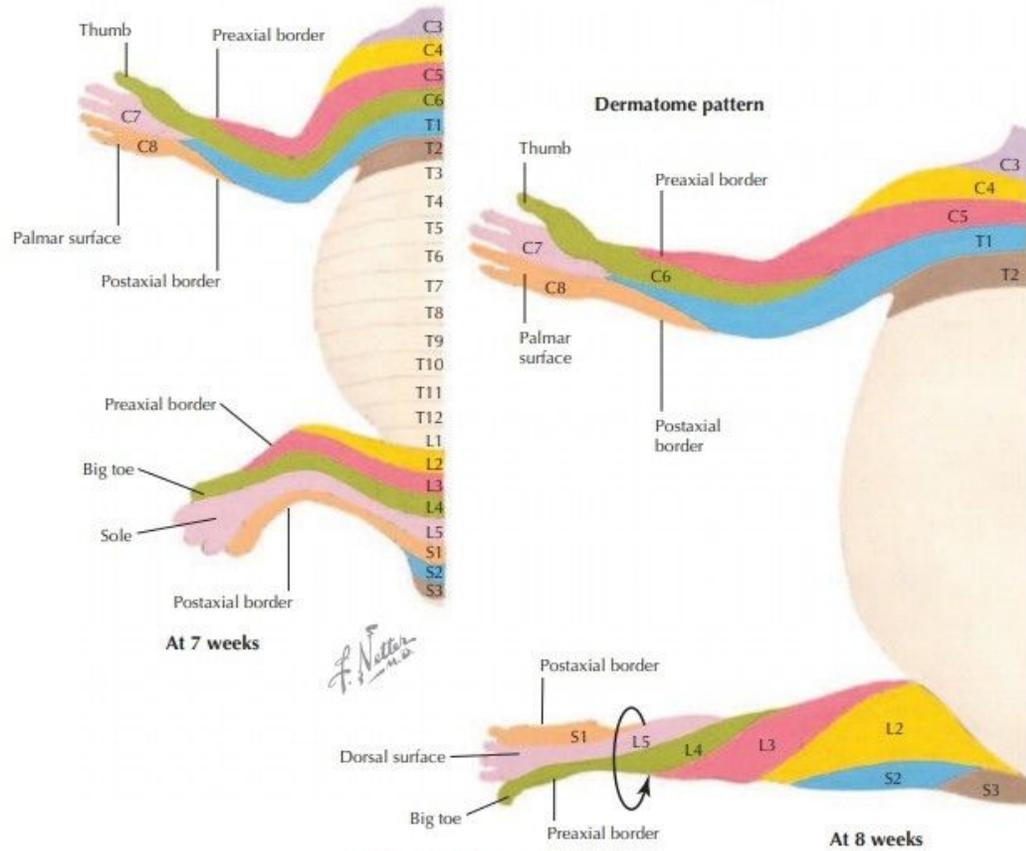


Changes in position of limbs before birth



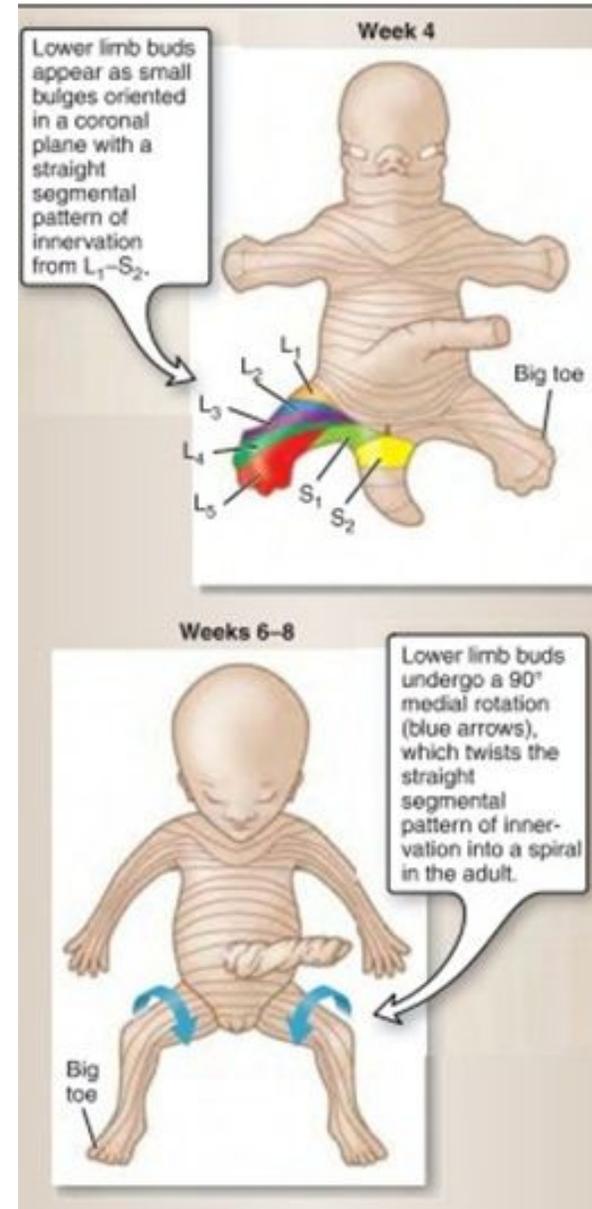
At 7 weeks. Upper and lower limbs have undergone 90 degrees of torsion about their long axes but in opposite directions, so elbows point caudally and knees cranially.

At 8 weeks. Torsion of lower limbs results in twisted or "barber pole" arrangement of their cutaneous innervation.



F. Netter M.D.

FIGURE 6.43 Lower Limb Rotation.



Lower limb buds appear as small bulges oriented in a coronal plane with a straight segmental pattern of innervation from L₁-S₂.

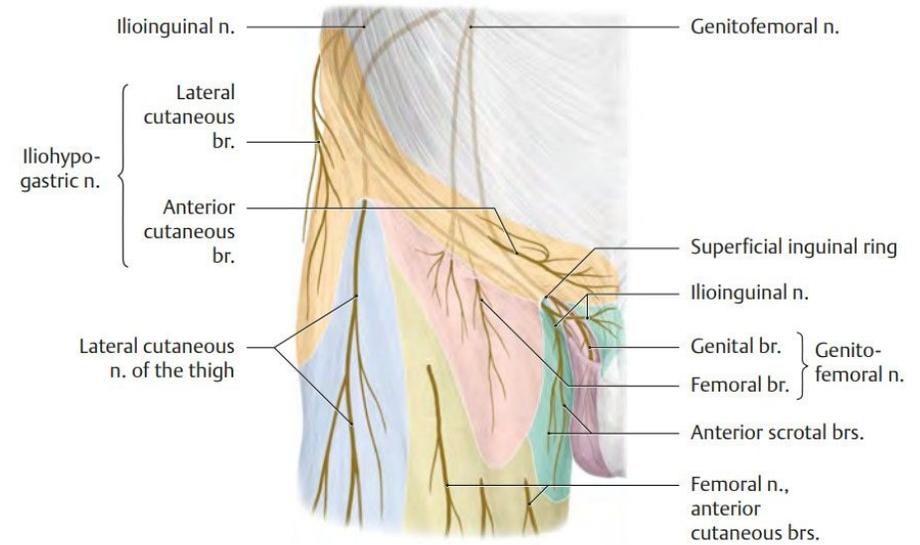
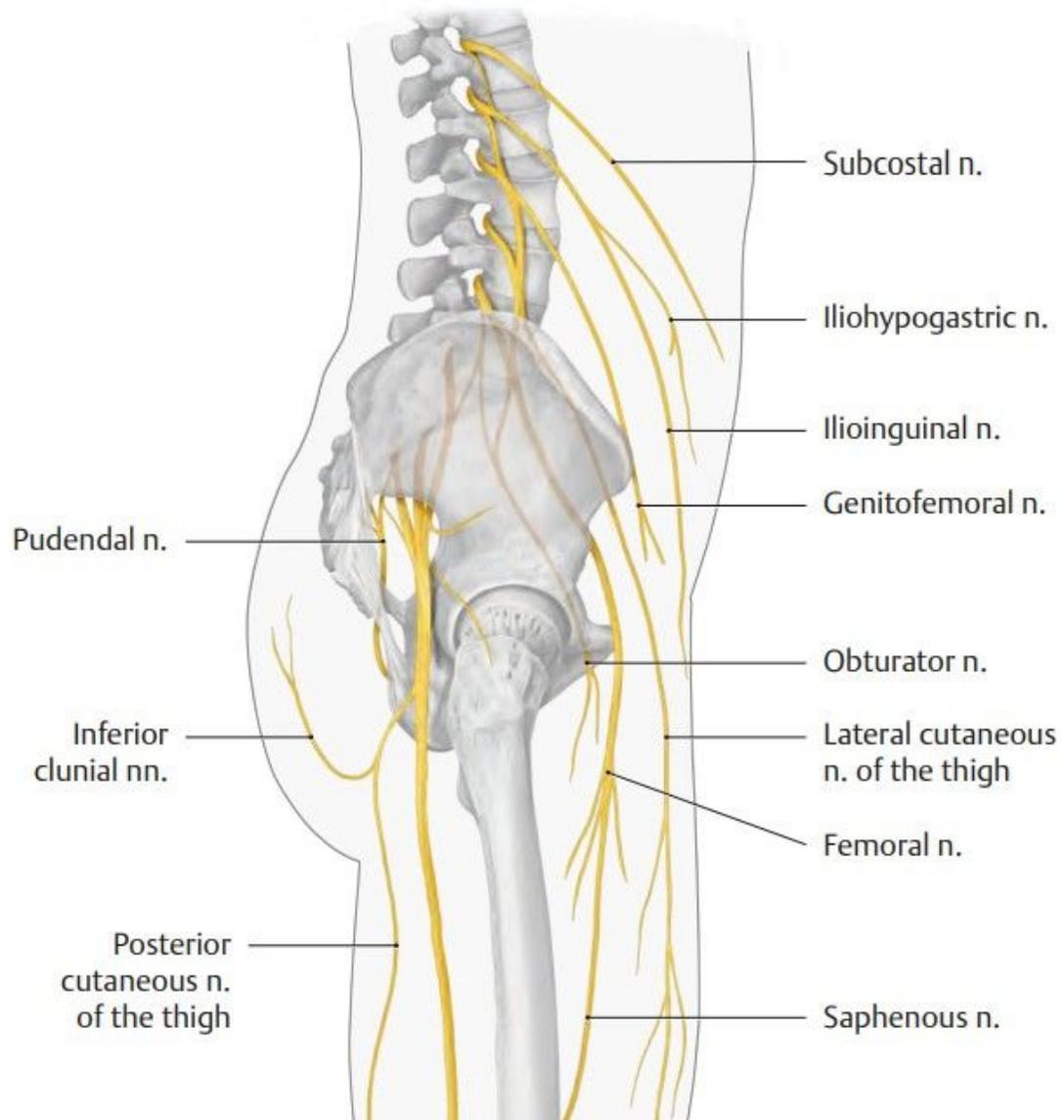
Week 4

Lower limb buds undergo a 90° medial rotation (blue arrows), which twists the straight segmental pattern of innervation into a spiral in the adult.

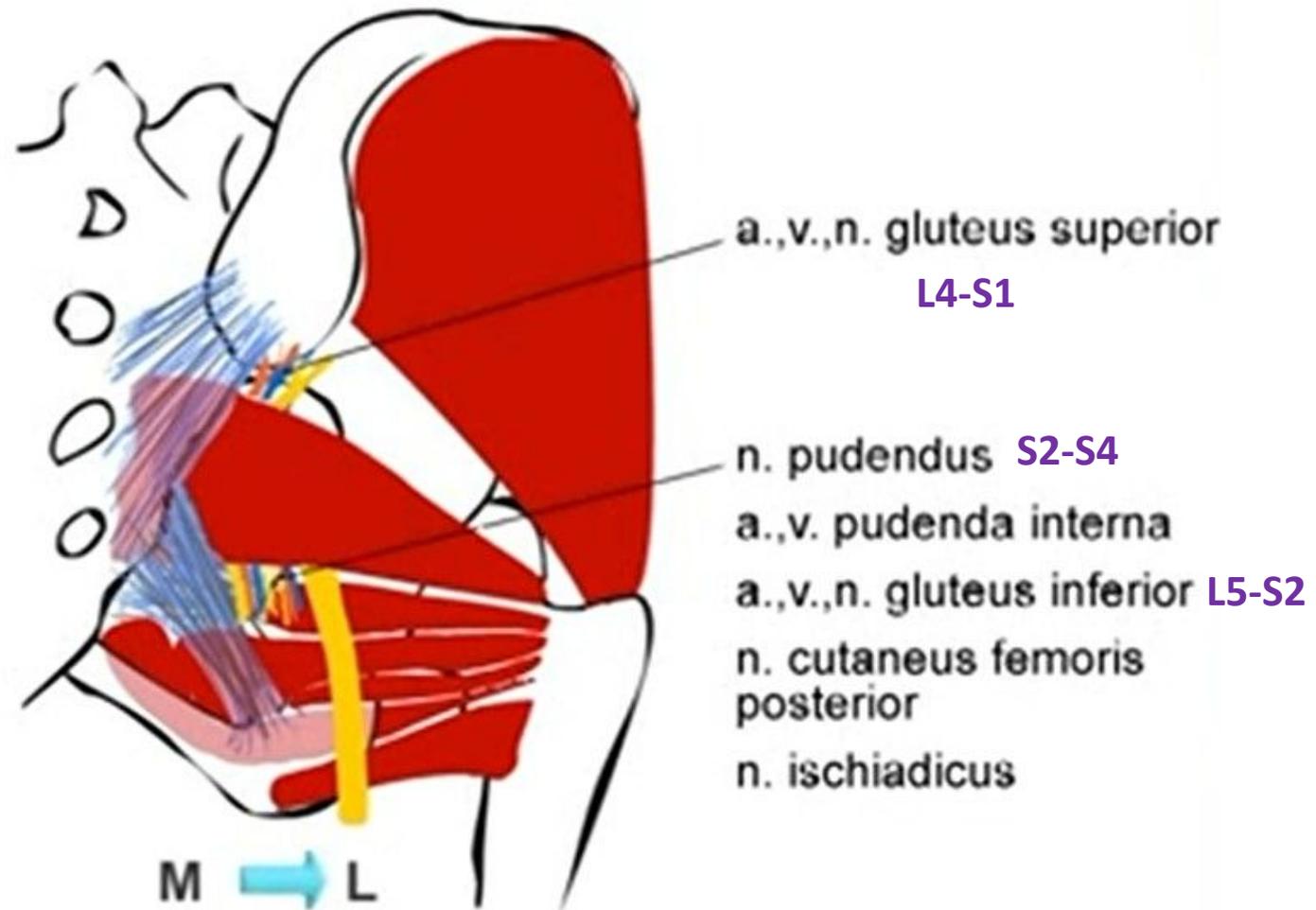
Weeks 6-8

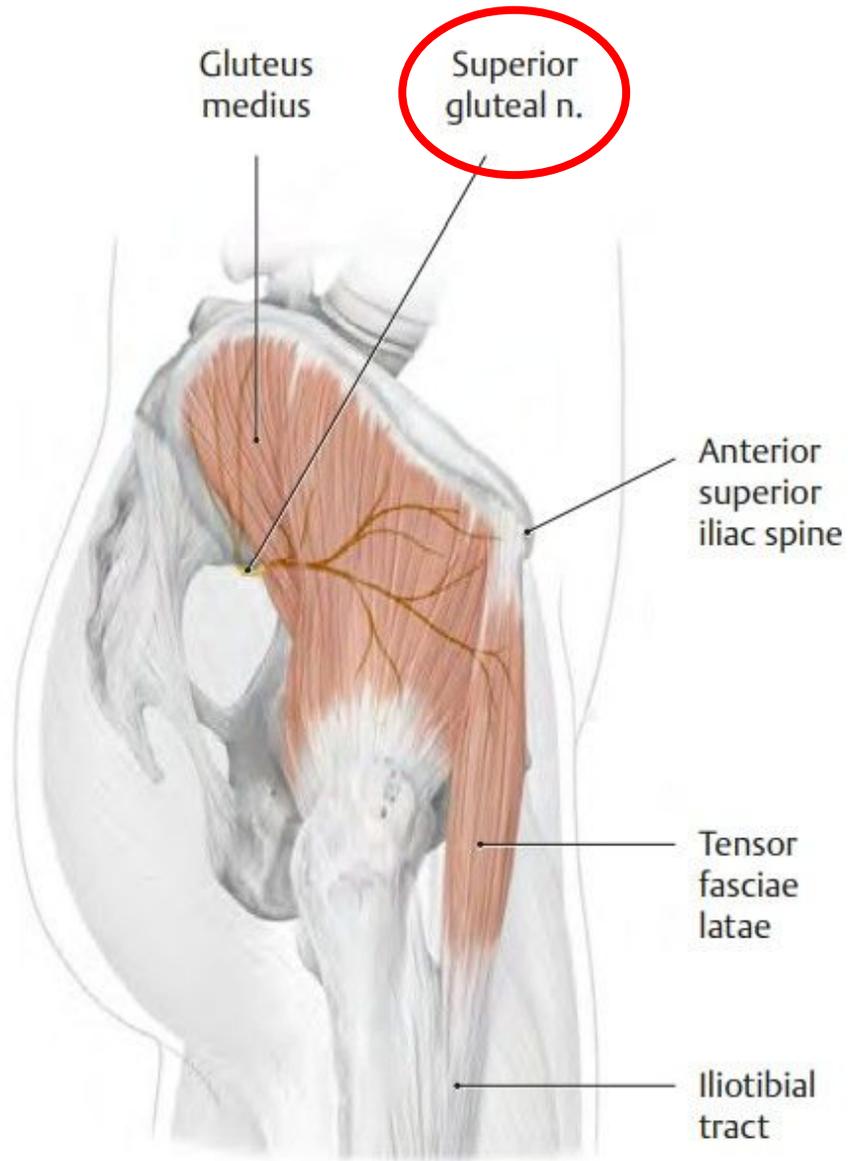
Выводы

- Внутренняя ротация нижней конечности на 90° изменяет изначально прямой сегментарный паттерн иннервации; то есть паттерн иннервации становится "скрученным в спираль" у взрослого человека
- В течение 6-8 недель нижние конечности подвергаются внутреннему вращению на 90° , так что спереди разгибательное ложе лежит впереди, а сгибательное лежит сзади

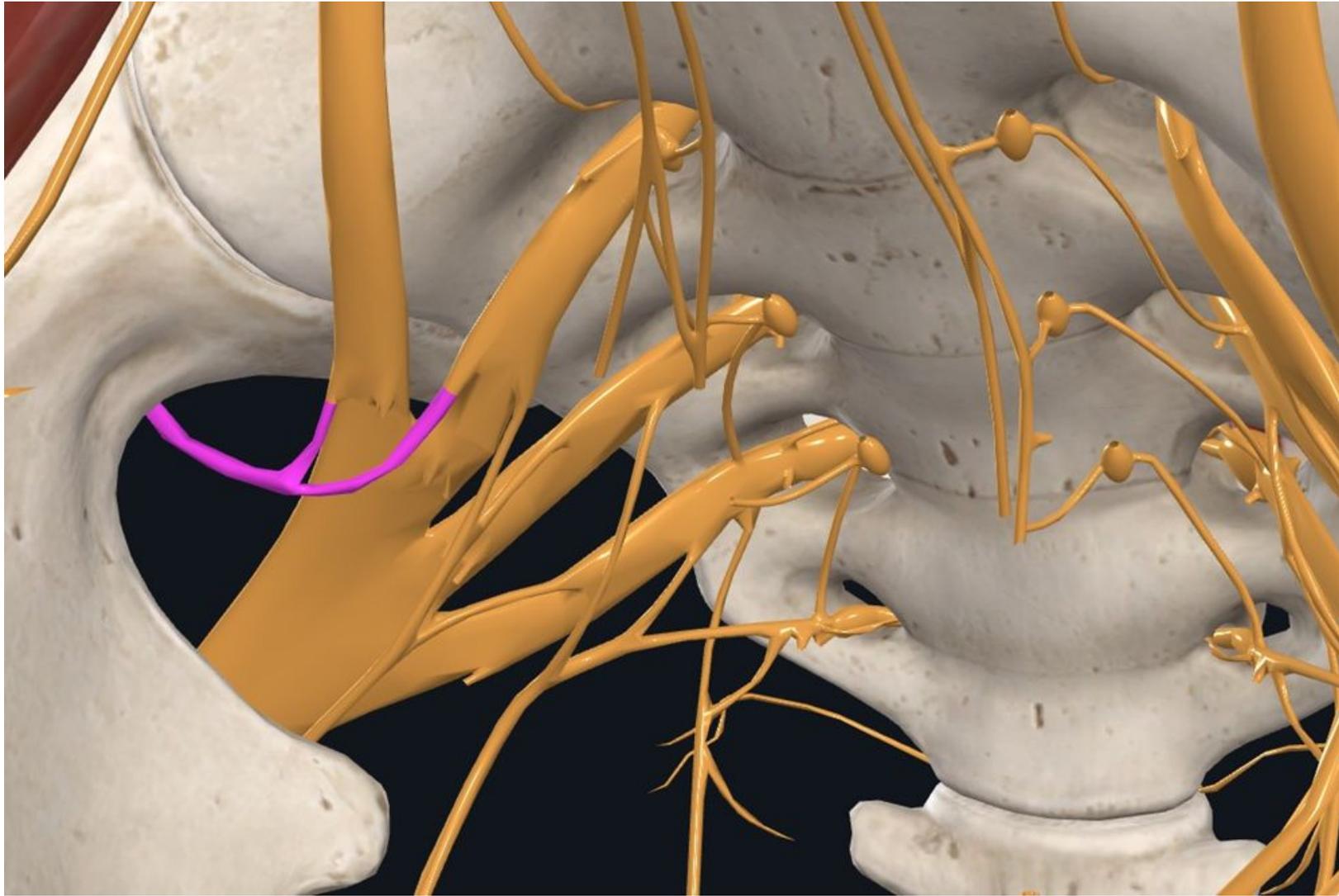


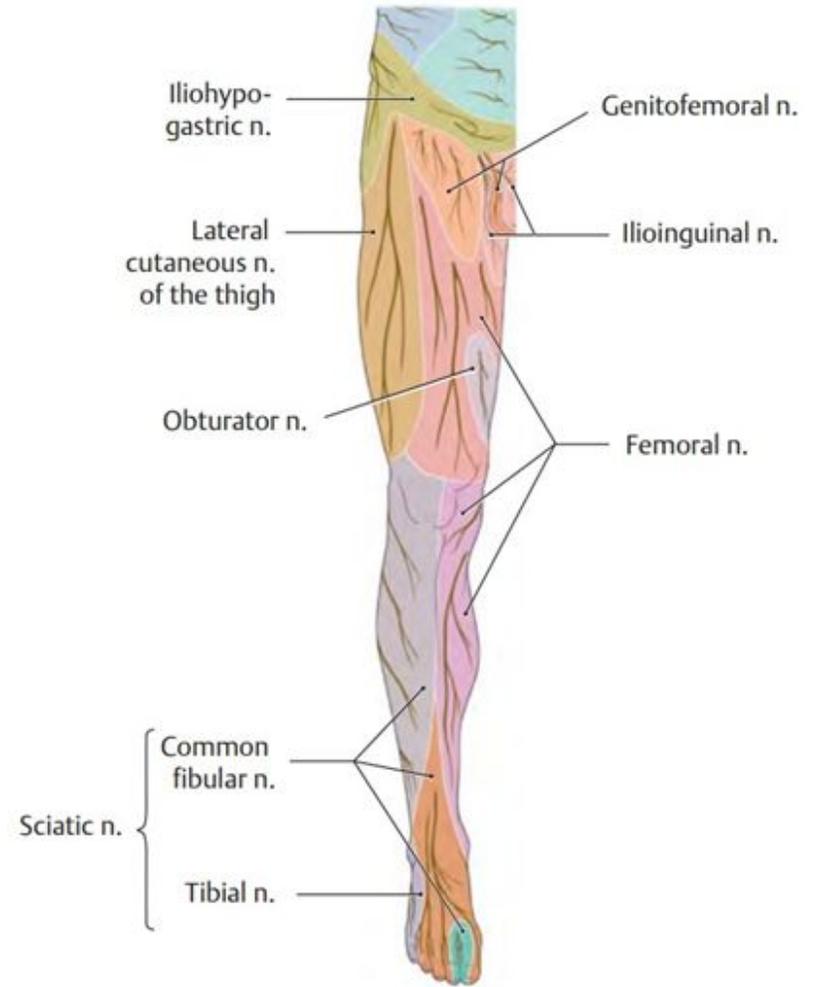
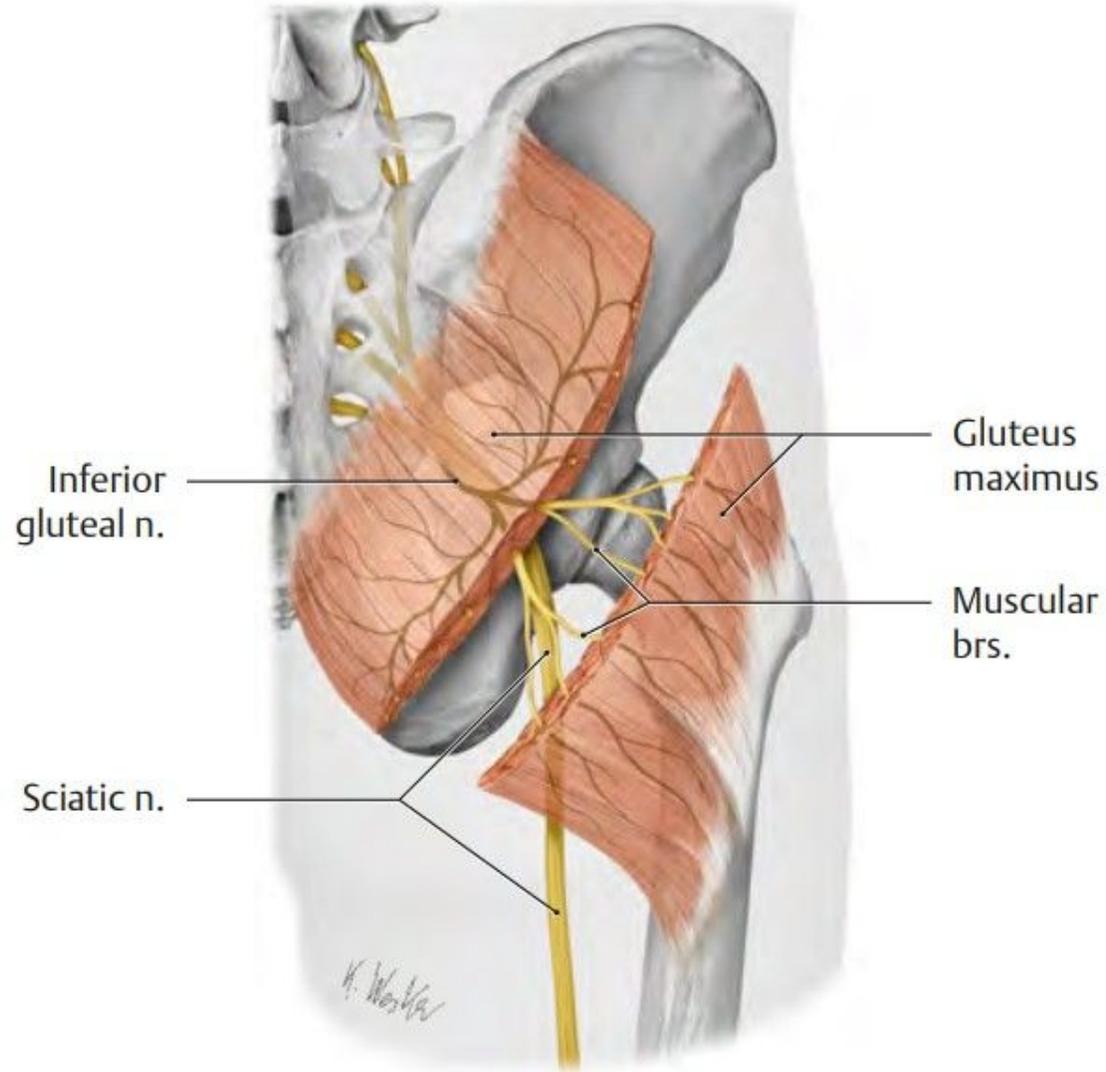
Iliohypogastric n.	L1	
Ilioinguinal n.	L1	
Genitofemoral n.	L1-L2	
Lateral cutaneous n. of the thigh	L2-L3	
Obturator n.	L2-L4	
Femoral n.		
Sacral plexus		
Superior gluteal n.	L4-S1	
Inferior gluteal n.	L5-S2	
Posterior cutaneous n. of the thigh	S1-S3	
Sciatic n.	Common fibular n.	L4-S2
	Tibial n.	L4-S3
Pudendal n.	S2-S4	



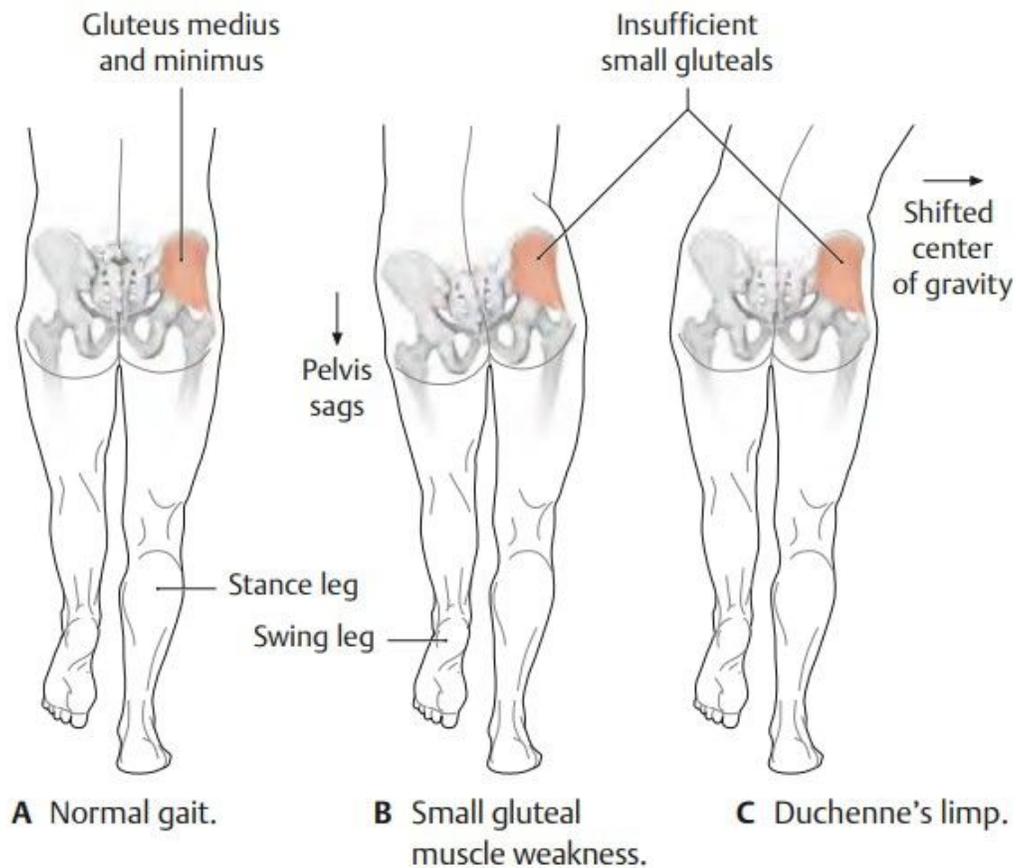


Superior gluteal n.		L4-S1
Inferior gluteal n.		L5-S2
Posterior cutaneous n. of the thigh		S1-S3
Direct branches	N. of piriformis	S1-S2
	N. of obturator internus	L5-S1
	N. of quadratus femoris	
Sciatic n.	Common fibular n.	L4-S2
	Tibial n.	L4-S3
Pudanal n.		S2-S4





Симптом Тренделенбурга

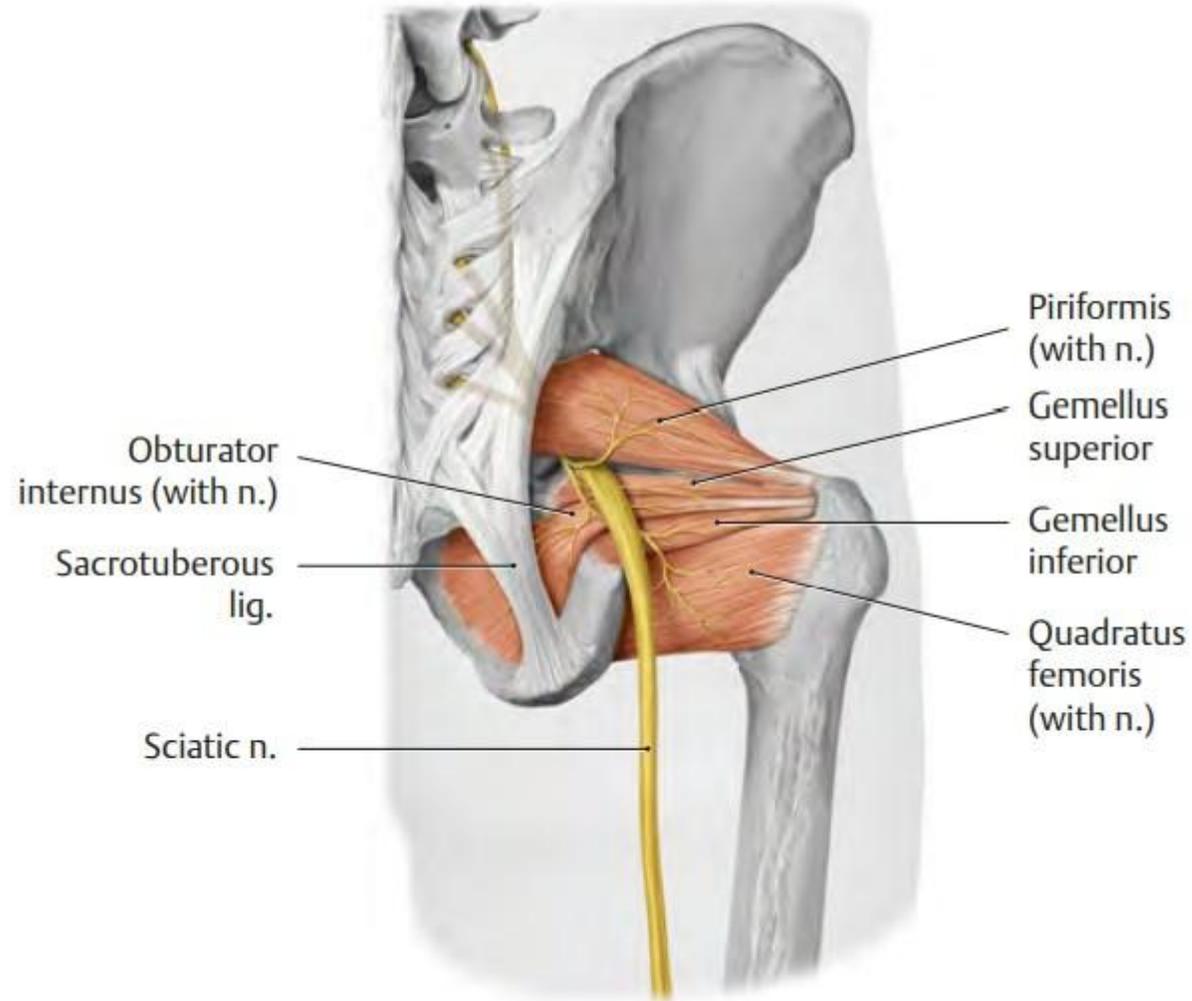


ОТРИЦАТЕЛЬНЫЙ
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ПОЛОЖИТЕЛЬНЫЙ
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N. musculorum obturatorii
interni et gemelli superioris
N. musculi piriformis

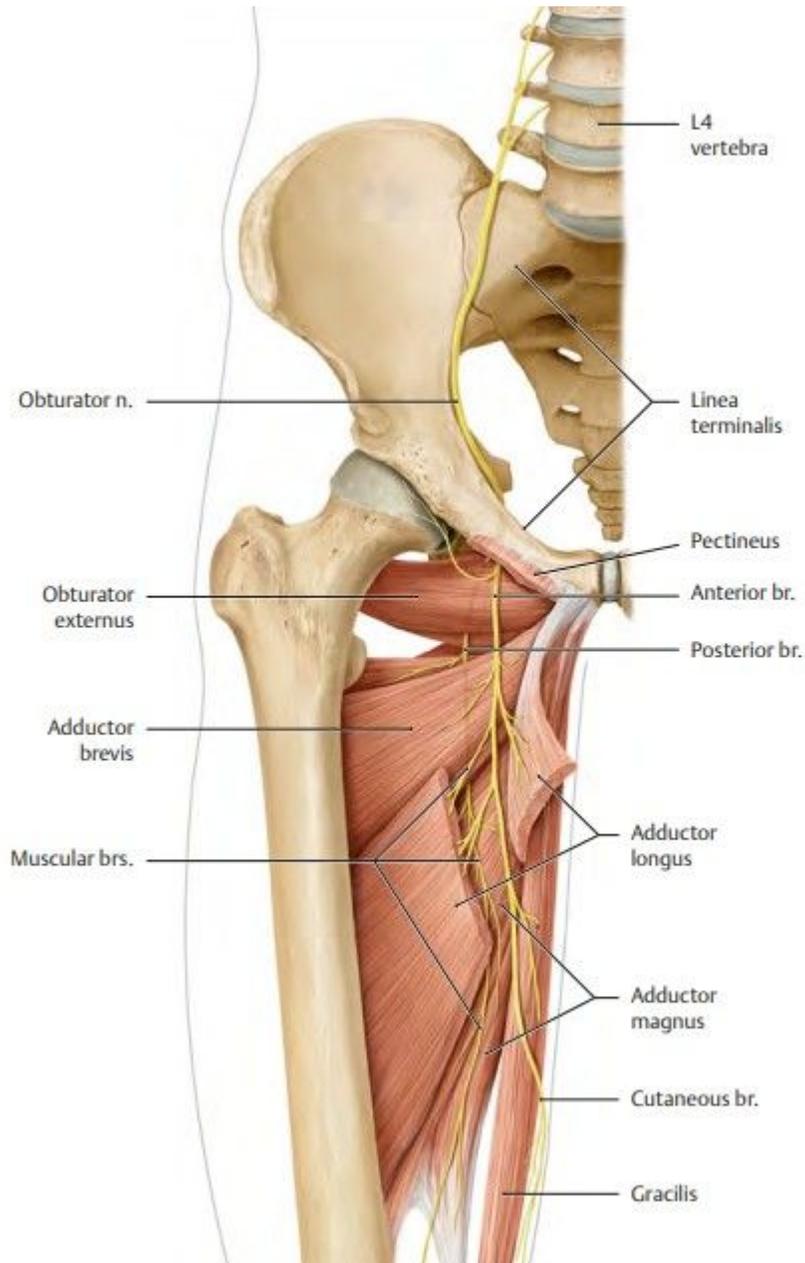
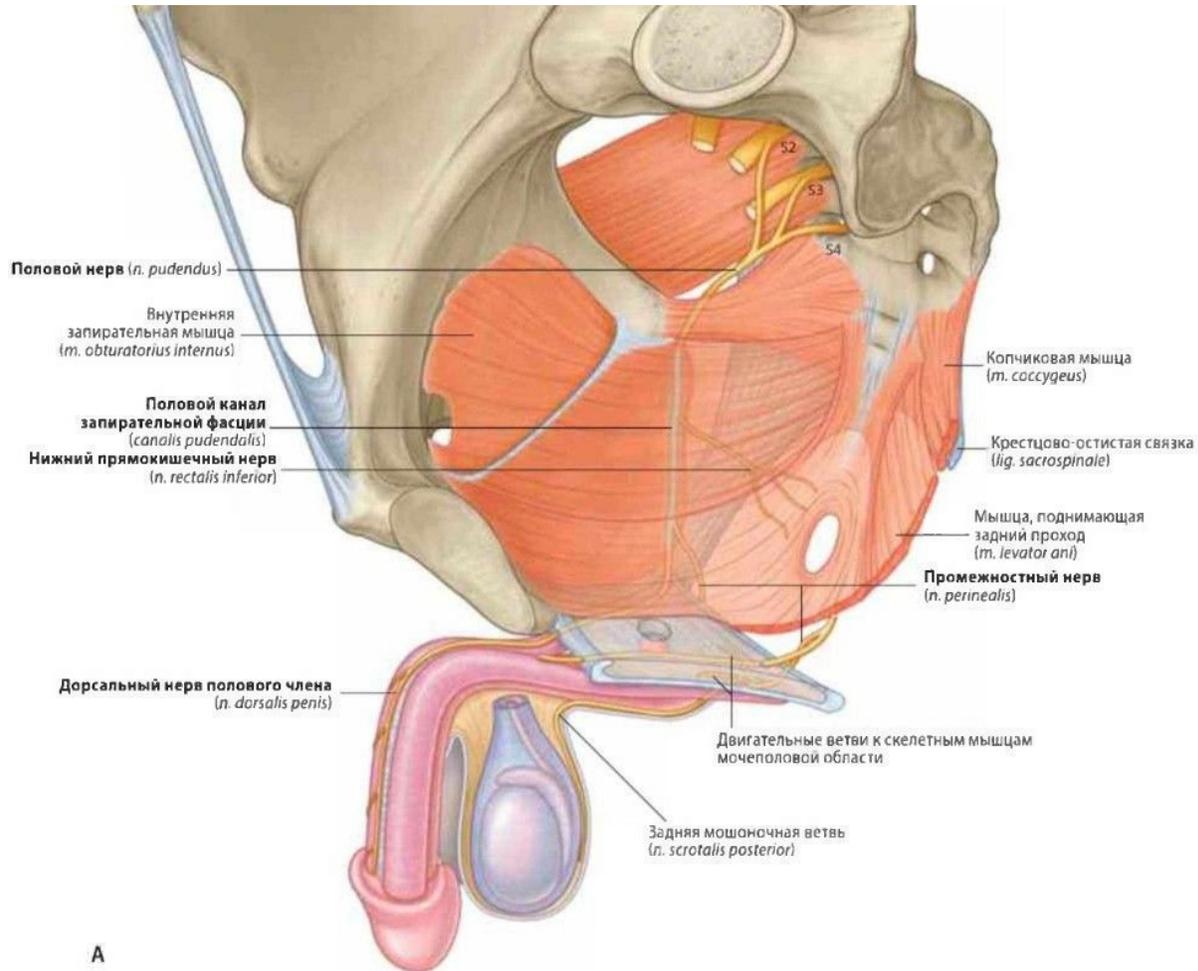
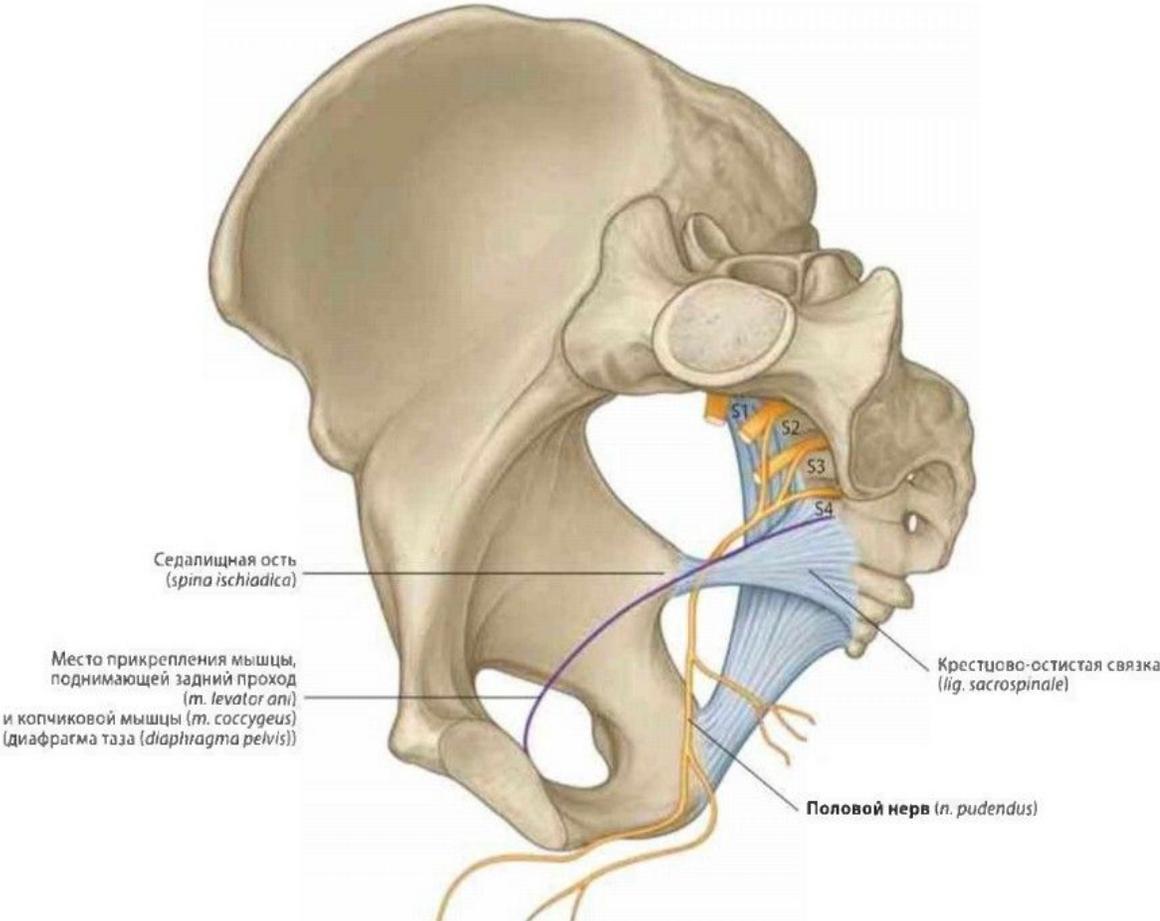


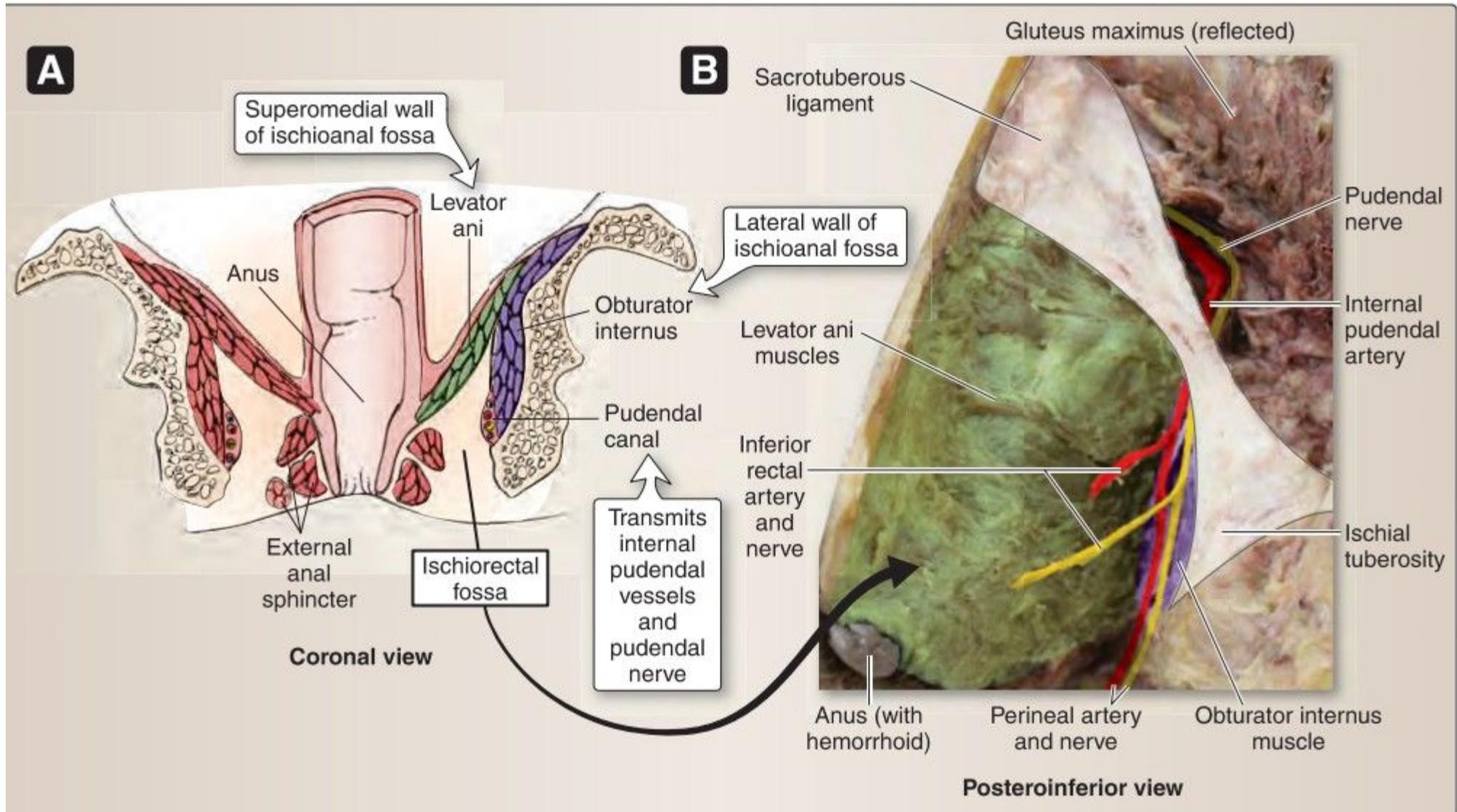
Table 34.3 Obturator nerve (L2–L4)

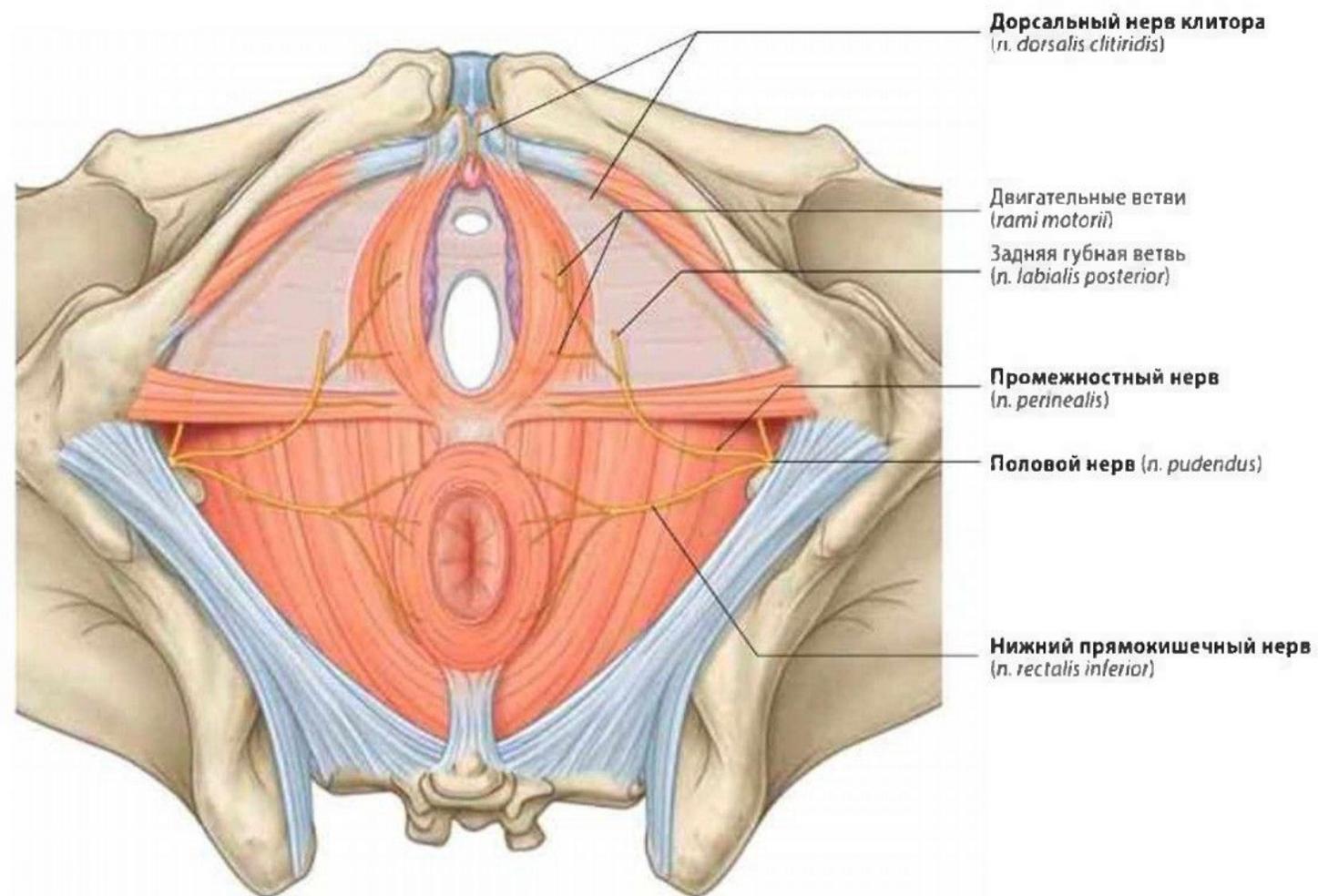
Motor branches	Innervated muscles
Direct br.	Obturator externus
Anterior br.	Adductor longus
	Adductor brevis
	Gracilis
	Pectineus
Posterior br.	Adductor magnus
Sensory branches	
Cutaneous br.	

канал Олькока (Alcock)



A





Ветви полового нерва:
нижний прямокишечный нерв
промежностный нерв
дорсальный нерв полового
члена/клитора