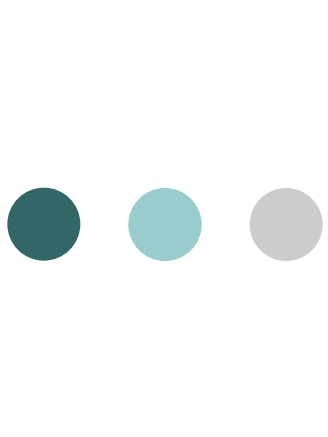
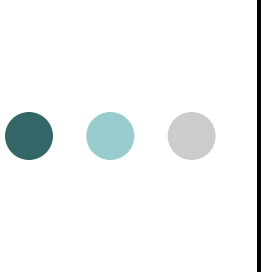




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Ossa

- **Os coxae**
- **Os femoris**
- **Patella**
- **Ossa cruris**
- **Ossa tarsi**
- **Ossa metatarsi**
- **Ossa digitorum pedis**
- **Ossa sesamoidea proximalia**
- **Os sesamoideum distale**

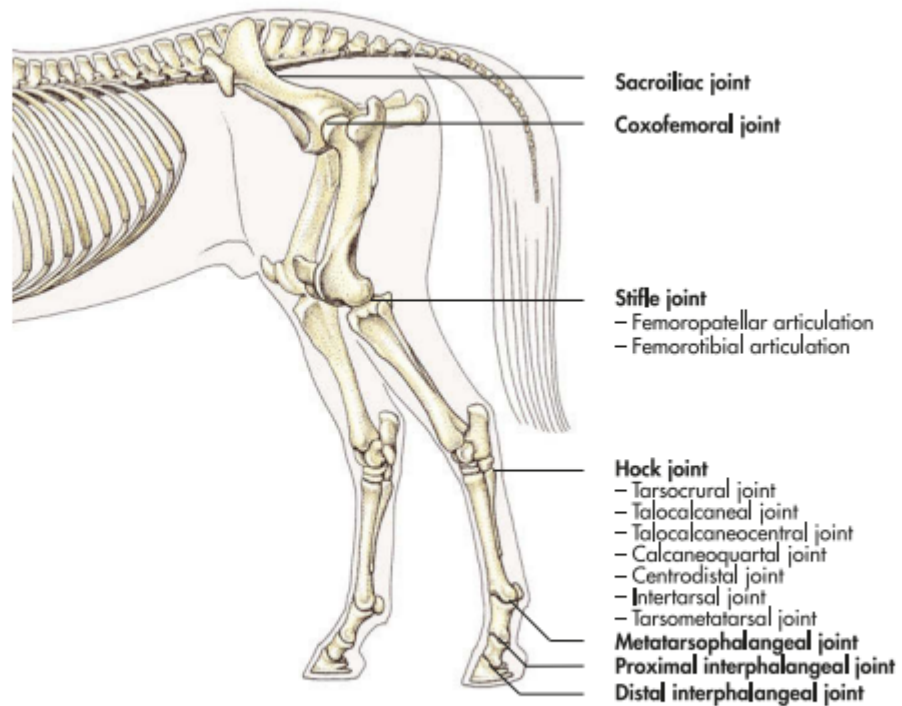
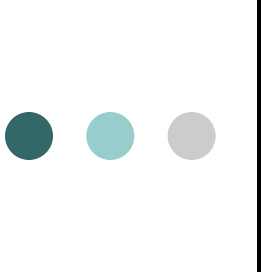
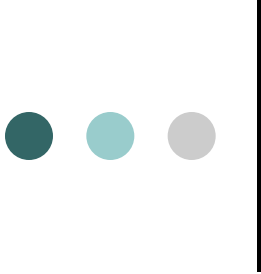
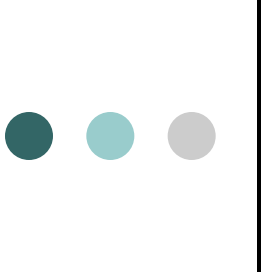


Fig. 5.4 Skeleton of the pelvic limb of the horse: joints (schematic).

- 
- **Tuber sacrale**
 - **Tuber coxae**
 - **Tuber ischiadicum**
 - **Trochanter major**
 - **Condylus femoris**
 - **Patella**
 - **Condylus tibiae**
 - **Tuberositas tibiae**

- 
- **Tuber calcanei**
 - **Ossa tarsi**
 - **Ossa metatarsalia**
 - **Ossa sesamoidea proximalia**
 - **Phalanx proximalis et media**
 - **Processus extensorius**



Articulationes

- **Articulatio sacroiliaca**
- **Articulatio coxae**
- **Articulatio genus**

Articulatio femorotibialis

Articulatio femoropatellaris

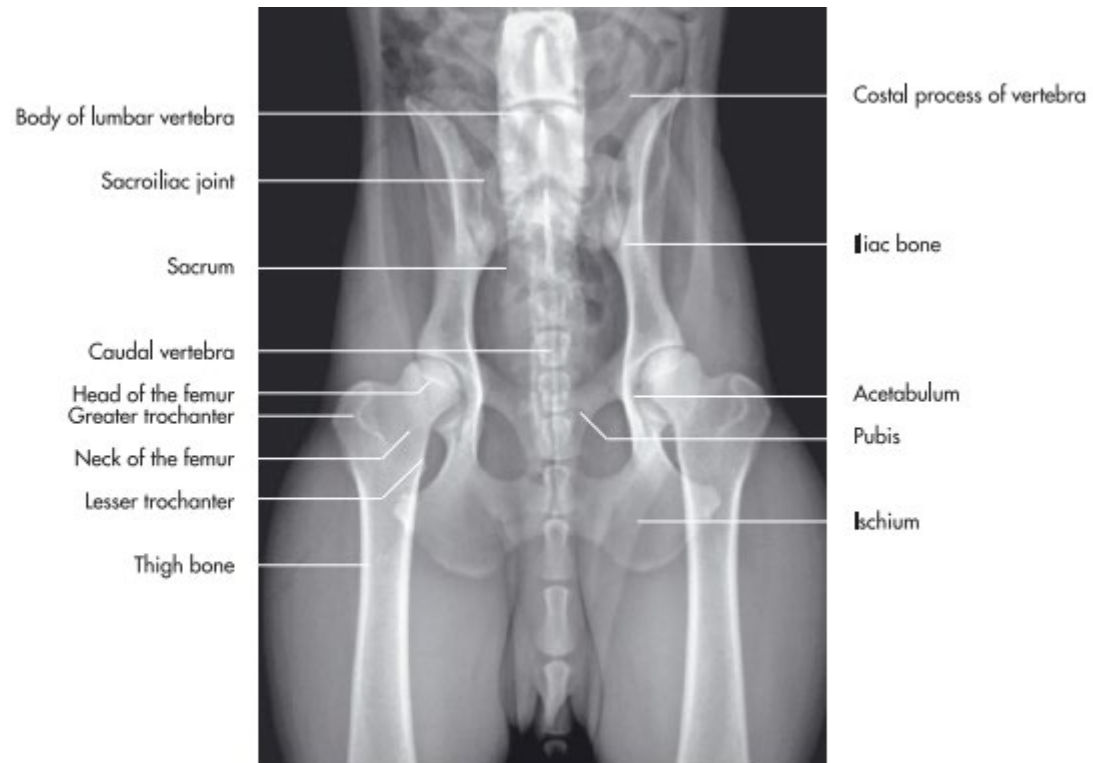


Fig. 5.18 Radiograph of the pelvic region of a dog (ventrodorsal projection). (source: courtesy of Prof. Dr. Ulrike Matis, Munich)

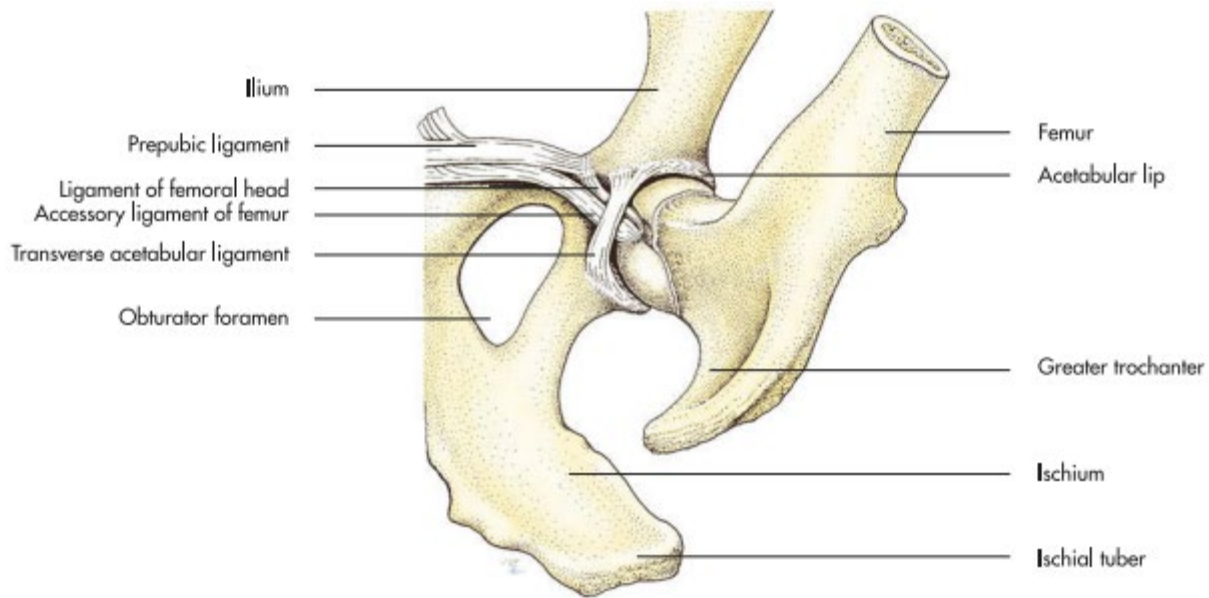


Fig. 5.57 Left hip joint of the horse (schematic); fig. based on data from Ghetie, 1967.

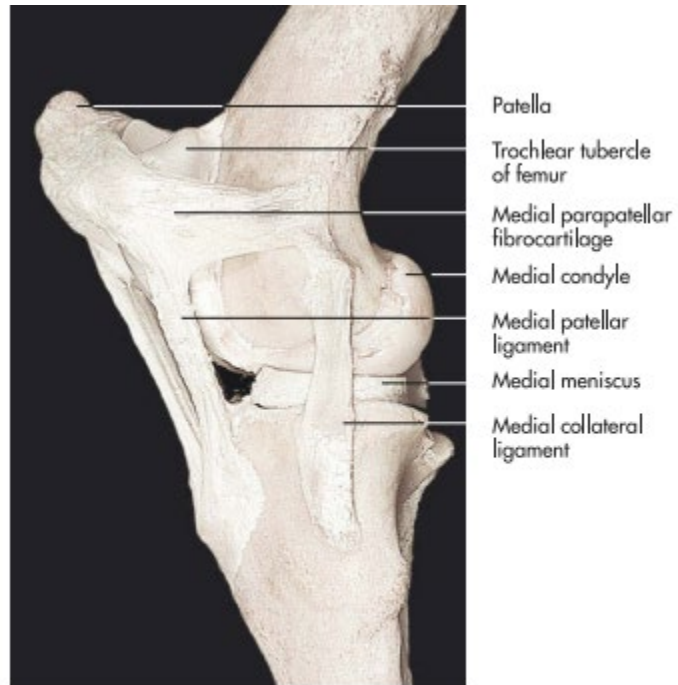
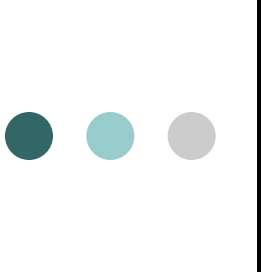


Fig. 5.70 Right stifle joint of a horse (medial aspect). (source: courtesy of Dr. F. Teufel, Vienna)

- 
- **Articulatio tibiofibularis proximalis**
 - **Articulatio tibiofibularis distalis**
 - **Articulatio tarsi**
 - articulatio tarsocruralis
 - articulatio talocalcaneocentralis
 - articulatio centrodistalis
 - articulatio tarsometatarsae
 - articulatio intertarsae

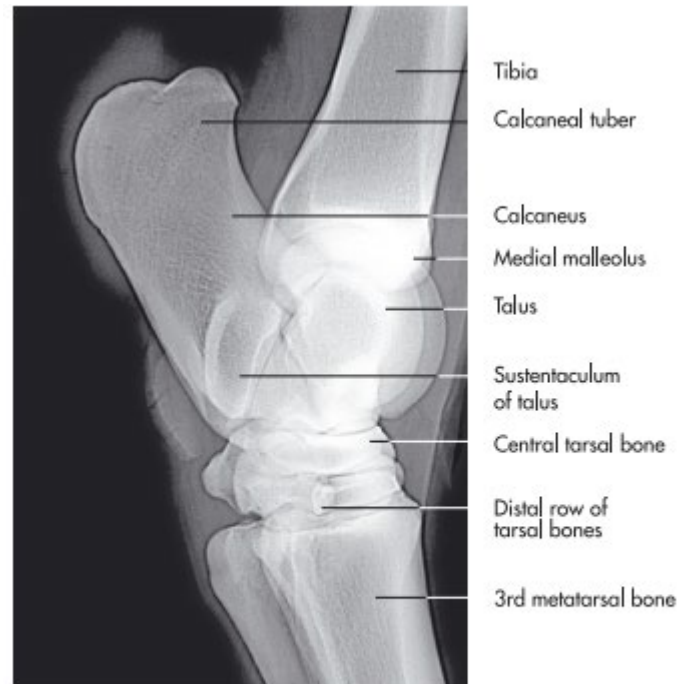
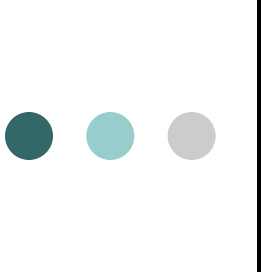


Fig. 5.51 Radiograph of the right tarsus of a horse (mediolateral projection). (source: courtesy of Prof. Dr. C. Stanek, Vienna)

- 
- **Articulatio metatarsophalangea**
 - **Articulatio interphalangea proximalis pedis**
 - **Articulatio interphalangea distalis pedis**



- 3rd and 4th metacarpal bone
- Axial and abaxial proximal sesamoid bone
- Joint space of fetlock joint
- Soft tissue density of dew claws
- Proximal phalanx with marrow cavity
- Joint space of proximal interphalangeal joint
- Middle phalanx
- Joint space of distal interphalangeal joint
- Distal sesamoid bone
- Distal phalanx

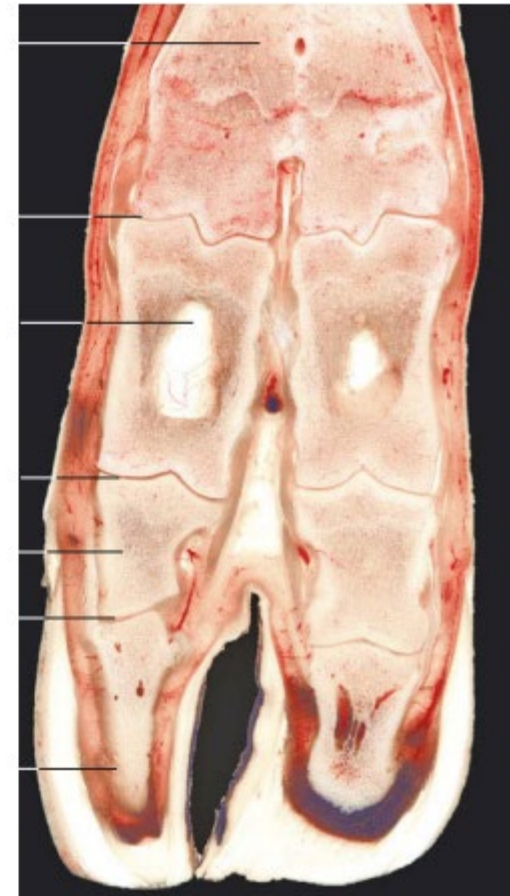
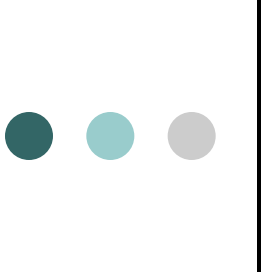
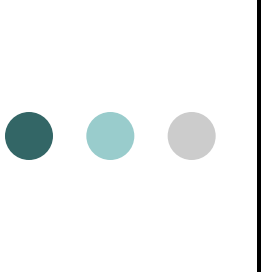


Fig. 4.51 Foot of an ox: radiograph (dorsopalmar projection) (left) and E-12 slice plastinate (right). (source: courtesy of Prof. Dr. Sabine Breit, Vienna (left), and H. Obermayer, Munich (right))



Regiones

- **Regio sacralis**
- **Regio glutea**
- **Regio tuberis coxae**
- **Regio articulationis coxae**
- **Regio femoris**
- **Regio genus**
 - Regio patellaris**
 - Regio poplitea**

- 
- **Regio cruris s. cruralis**
 - **Regio tarsi**
 - **Regio metatarsi**
 - **Regio phalangis proximalis, mediae et distalis**

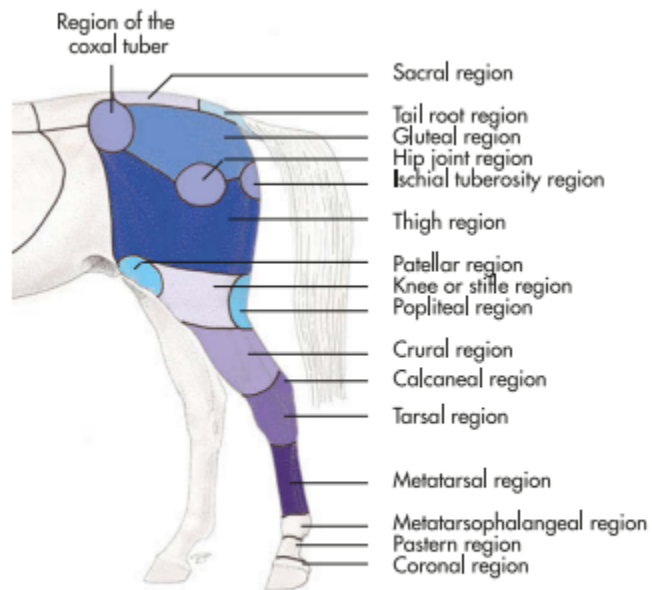
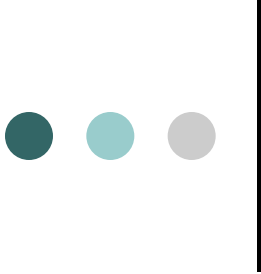


Fig. 20.49 Schematic illustration of the pelvic limb regions in the horse (lateral view).

- 
- **M. psoas minor**
 - **M. iliopsoas**
 - **M. quadratus lumborum**

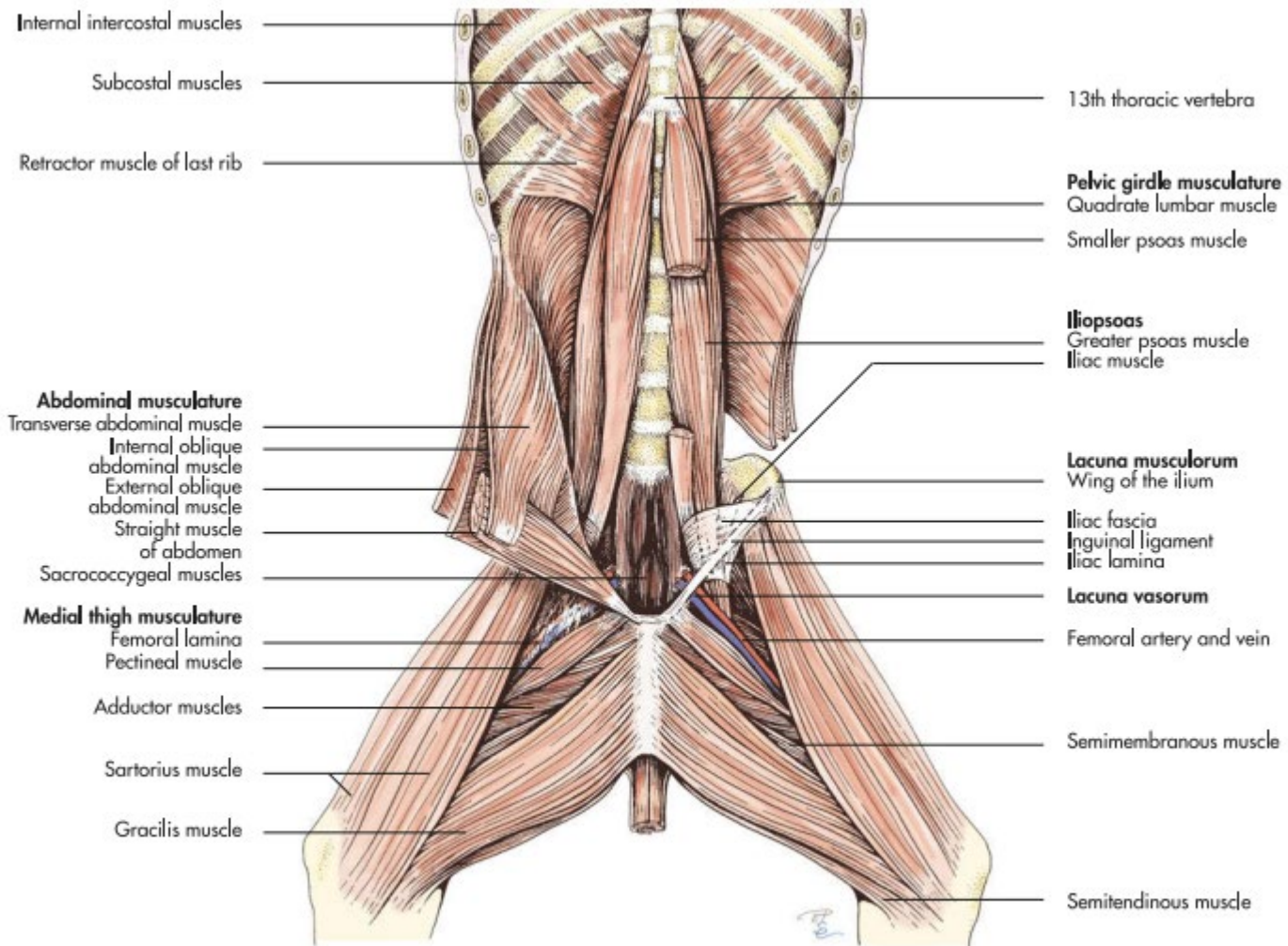
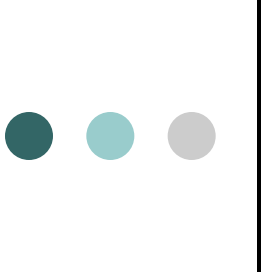


Fig. 5.83 Girdle musculature, medial muscles of the thigh of the pelvic limb and abdominal muscles of the dog (schematic, ventral aspect); fig. based on data from Ellenberger and Baum, 1943.

- 
- **M. gluteus superficialis**
 - **M. gluteus medius**
 - **M. gluteus profundus**
 - **M. tensor fasciae latae**

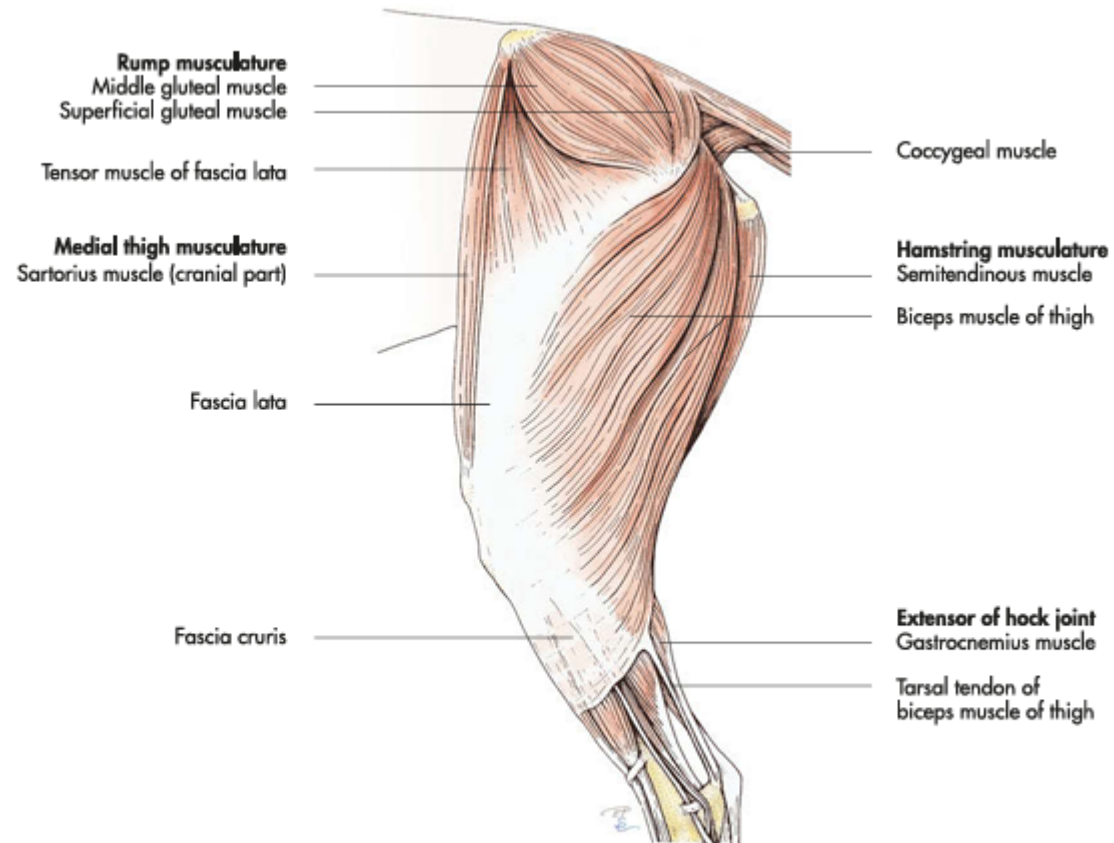


Fig. 5.88 Superficial muscles of the pelvic limb of the dog (schematic, lateral aspect); fig. based on data from Schaller, 1992.

○ M. gluteobiceps (Ru, su)

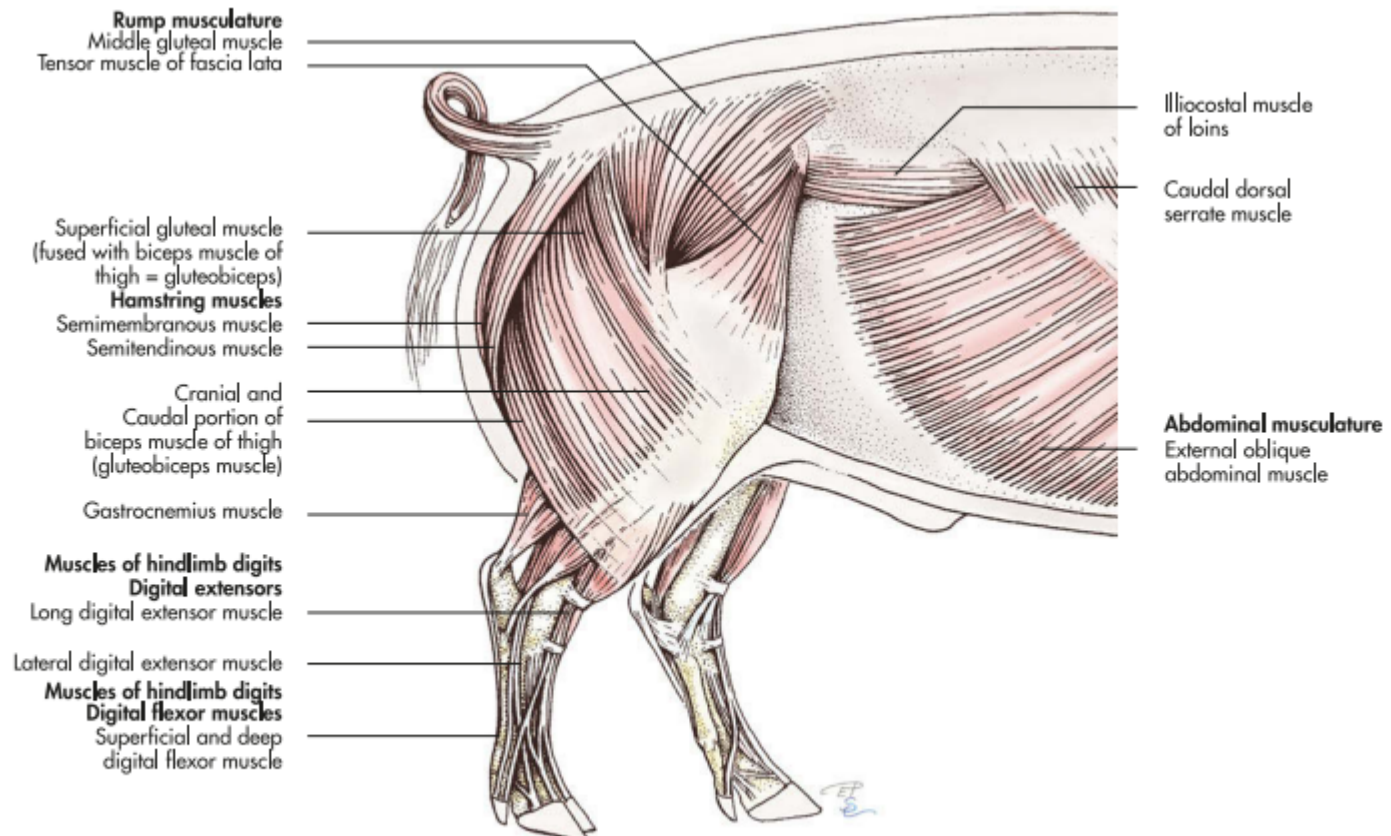
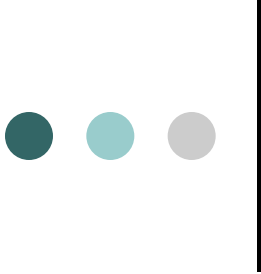


Fig. 5.85 Abdominal muscles and superficial musculature of the pelvic limb of the pig (schematic).

- 
- **M. biceps femoris**
 - **M. semitendinosus**
 - **M. semimembranosus**

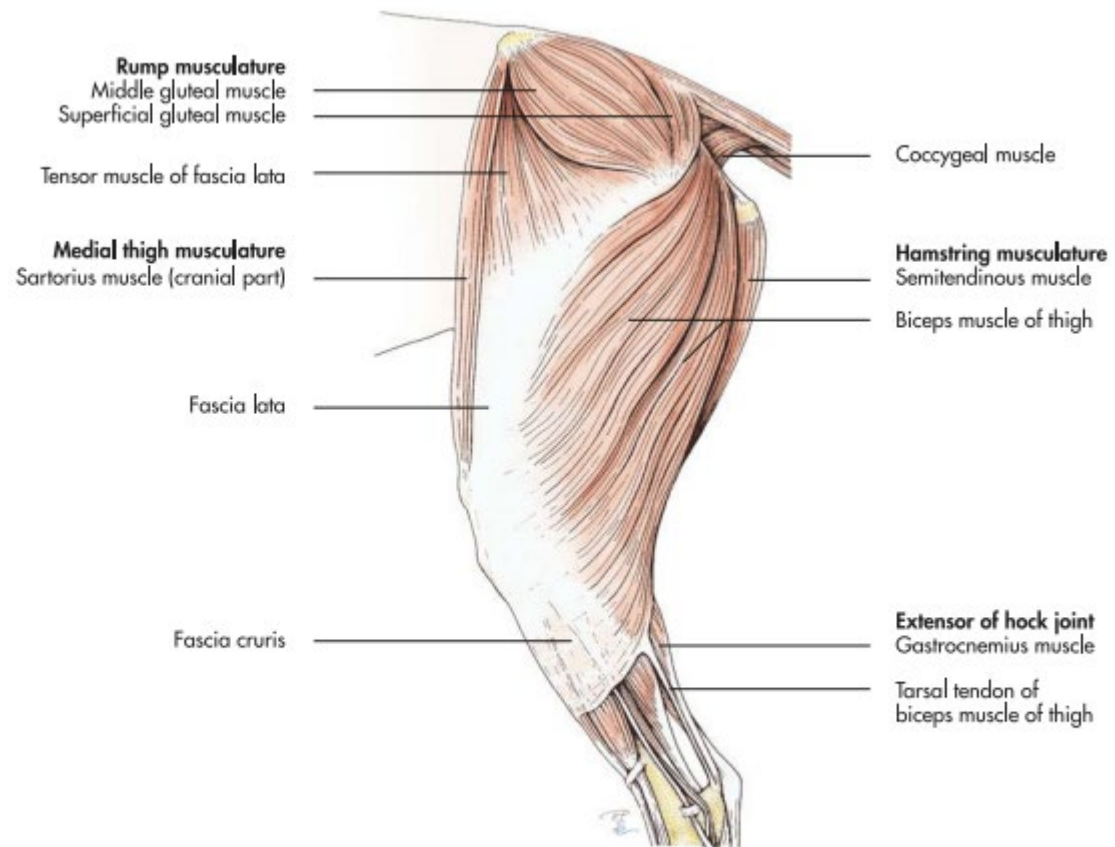


Fig. 5.88 Superficial muscles of the pelvic limb of the dog (schematic, lateral aspect); fig. based on data from Schaller, 1992.

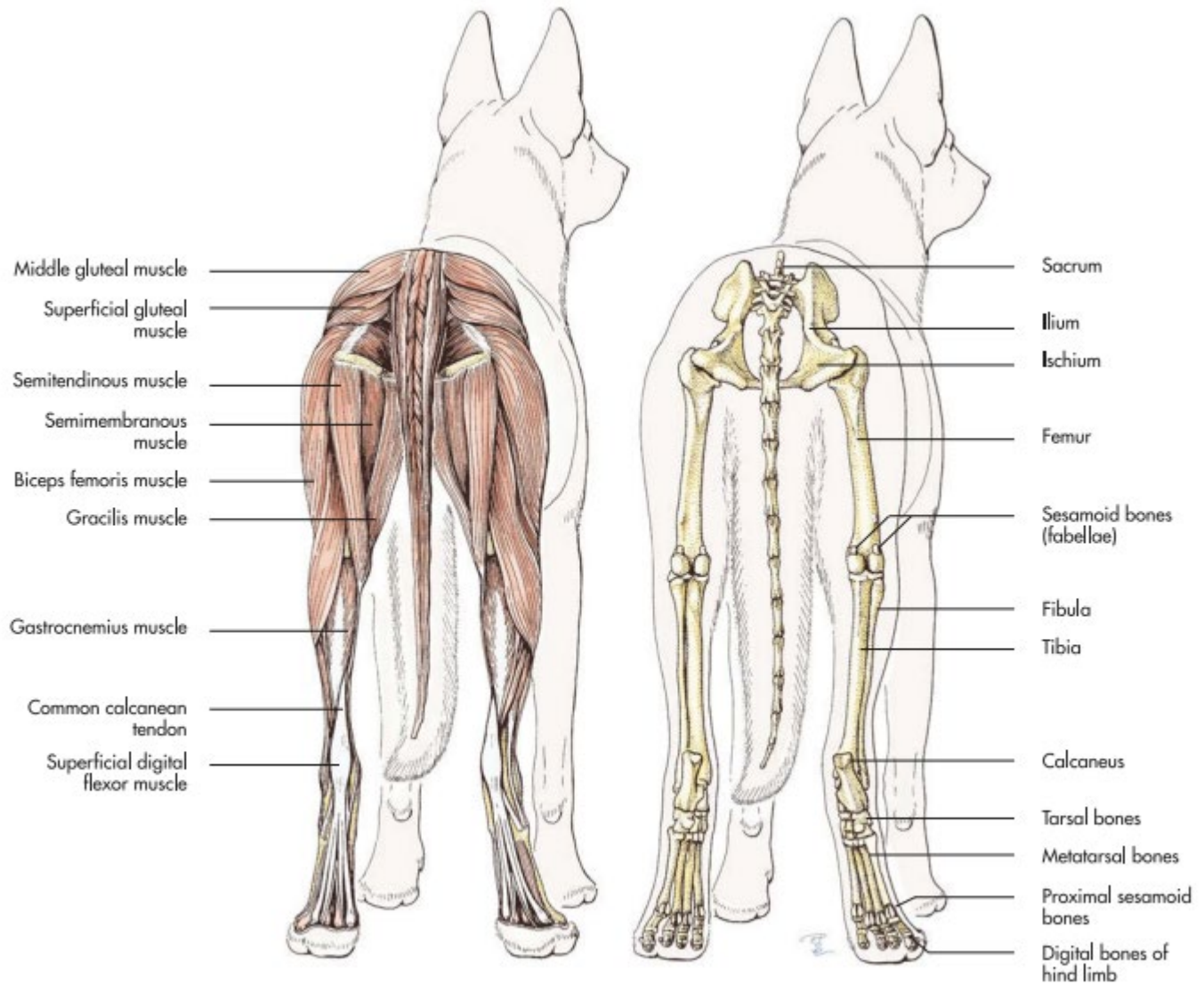
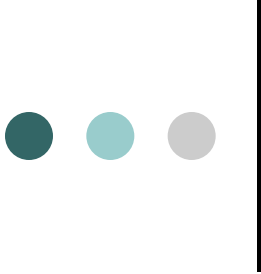


Fig. 5.90 Superficial muscles and skeleton of the pelvic limb of the dog (schematic, caudal aspect).

- 
- **M. sartorius**
 - **M. gracilis**
 - **M. pectineus**
 - **M. adductor (mm. adductores)**

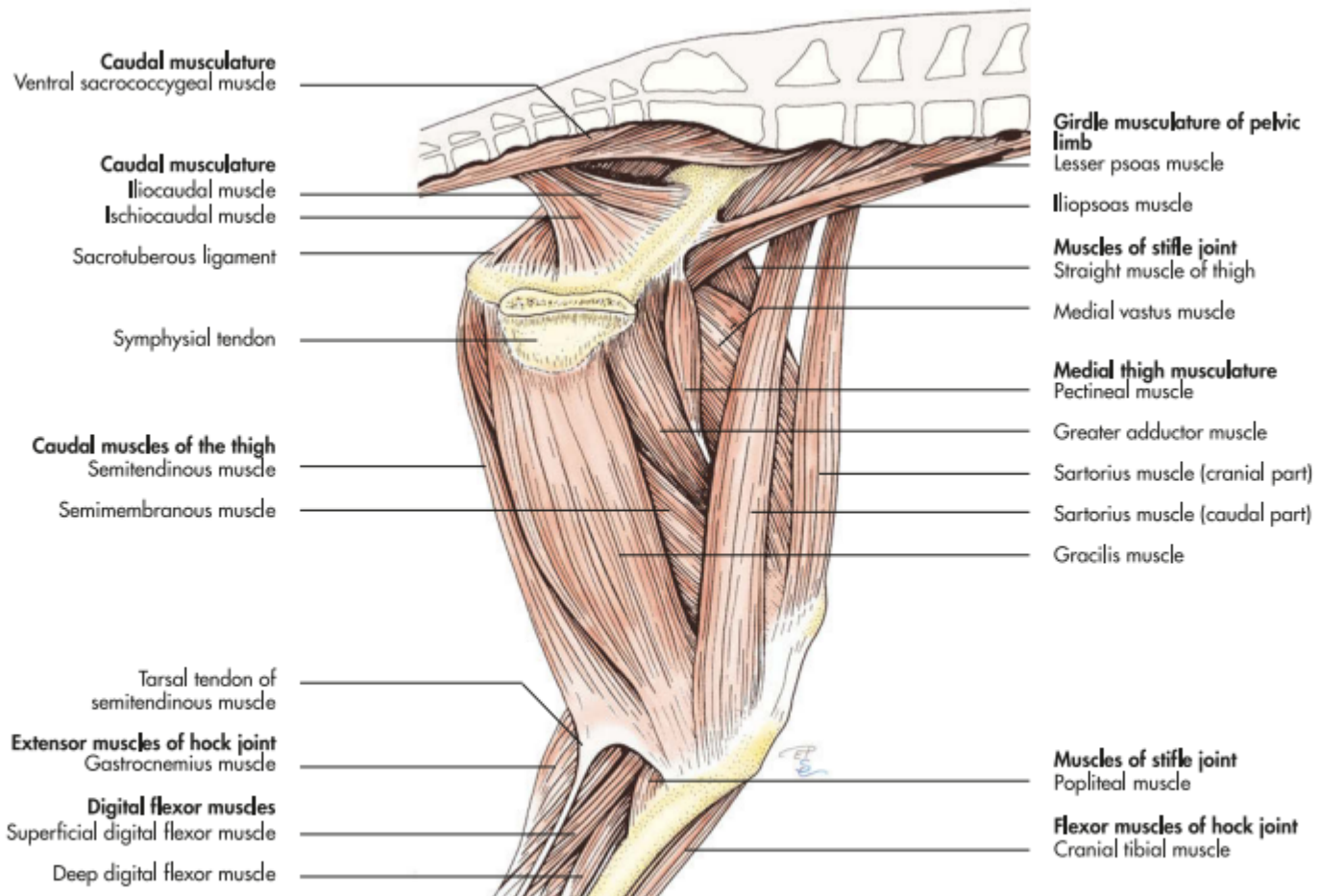
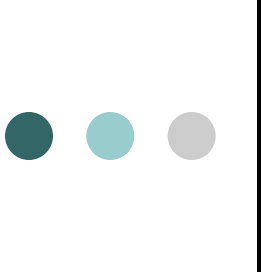


Fig. 5.92 Girdle musculature and intrinsic musculature of the pelvic limb of the dog (schematic, medial aspect); fig. based on data from Ellenberger and Baum, 1943.



Canalis femoralis

- **M. sartorius**
- **M. pectineus et mm. adductores**
- **M. gracilis**
- **M. iliopsoas et vastus medialis**

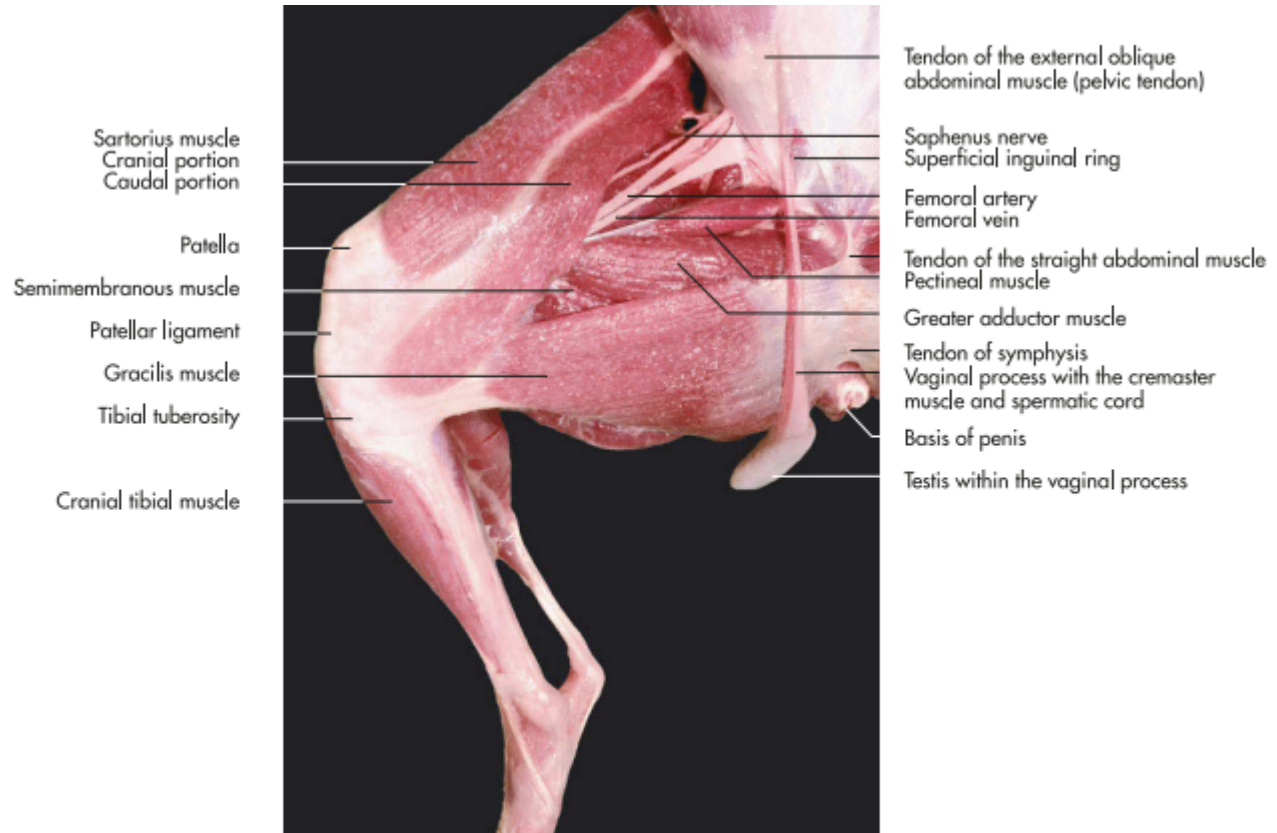
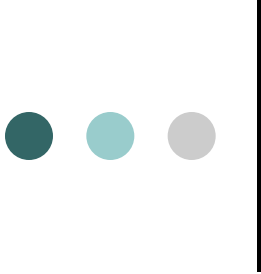


Fig. 5.99 Musculature of the right pelvic limb of a dog with superficial vessels and vaginal process (proximal portion, medial aspect). (source: courtesy of Sandra Draaisma and Caroline Hofbeck, Munich)

- 
- **M. obturator internus**
 - **M. obturator externus**
 - **Mm. gemelli**
 - **M. quadratus femoris**

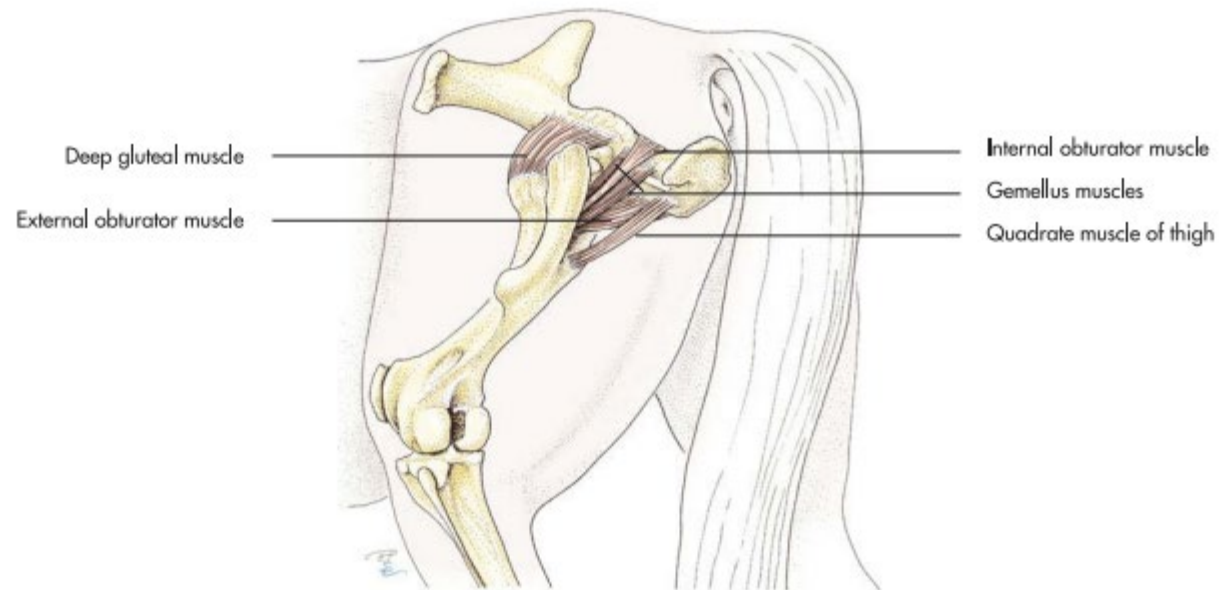
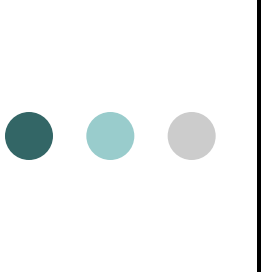


Fig. 5.101 Inner pelvic muscles of the horse (schematic, lateral aspect); fig. based on data from Ghetie, 1967.

- 
- **M. quadriceps femoris**
 - **M. popliteus**

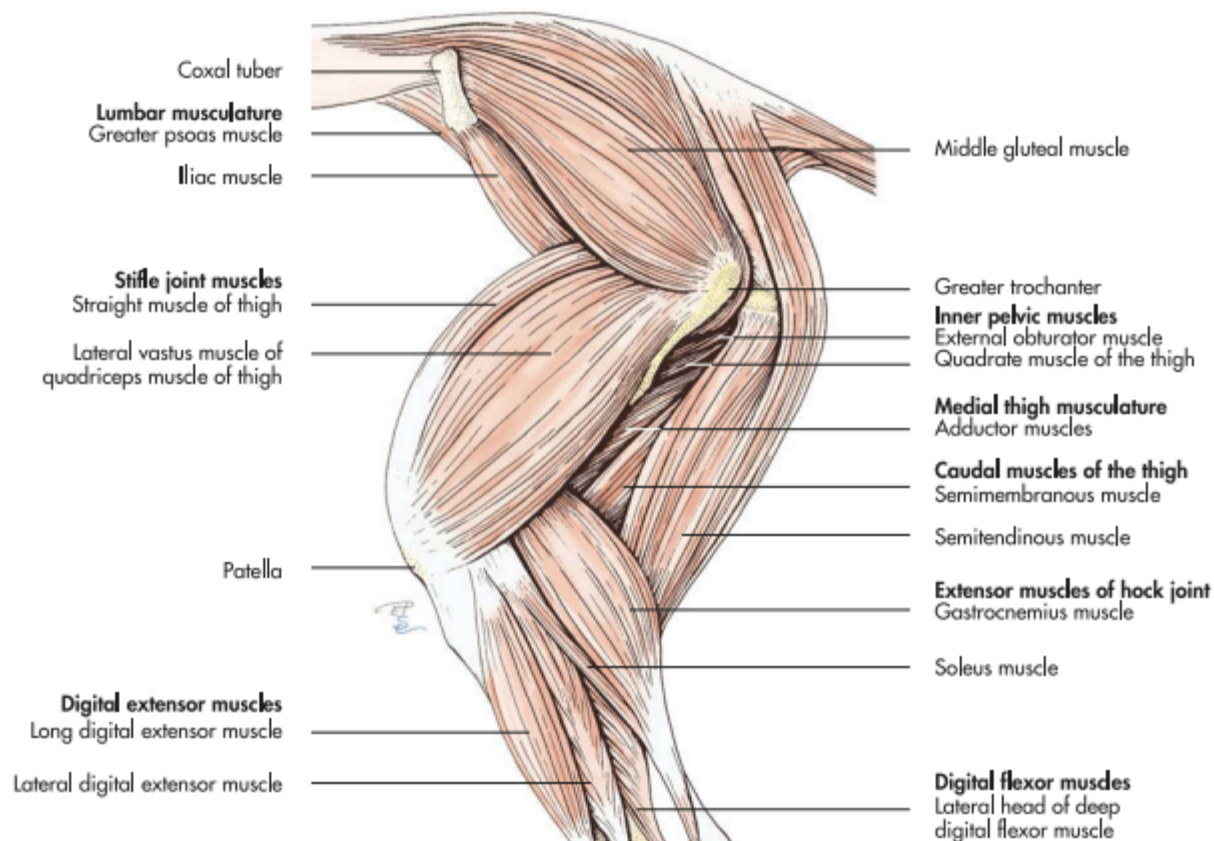
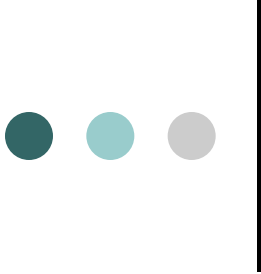


Fig. 5.95 Deep muscles of the pelvic limb of the horse (schematic, lateral aspect); fig. based on data from Ellenberger and Baum, 1943.

- 
- **M. gastrocnemius**
 - **M. soleus**

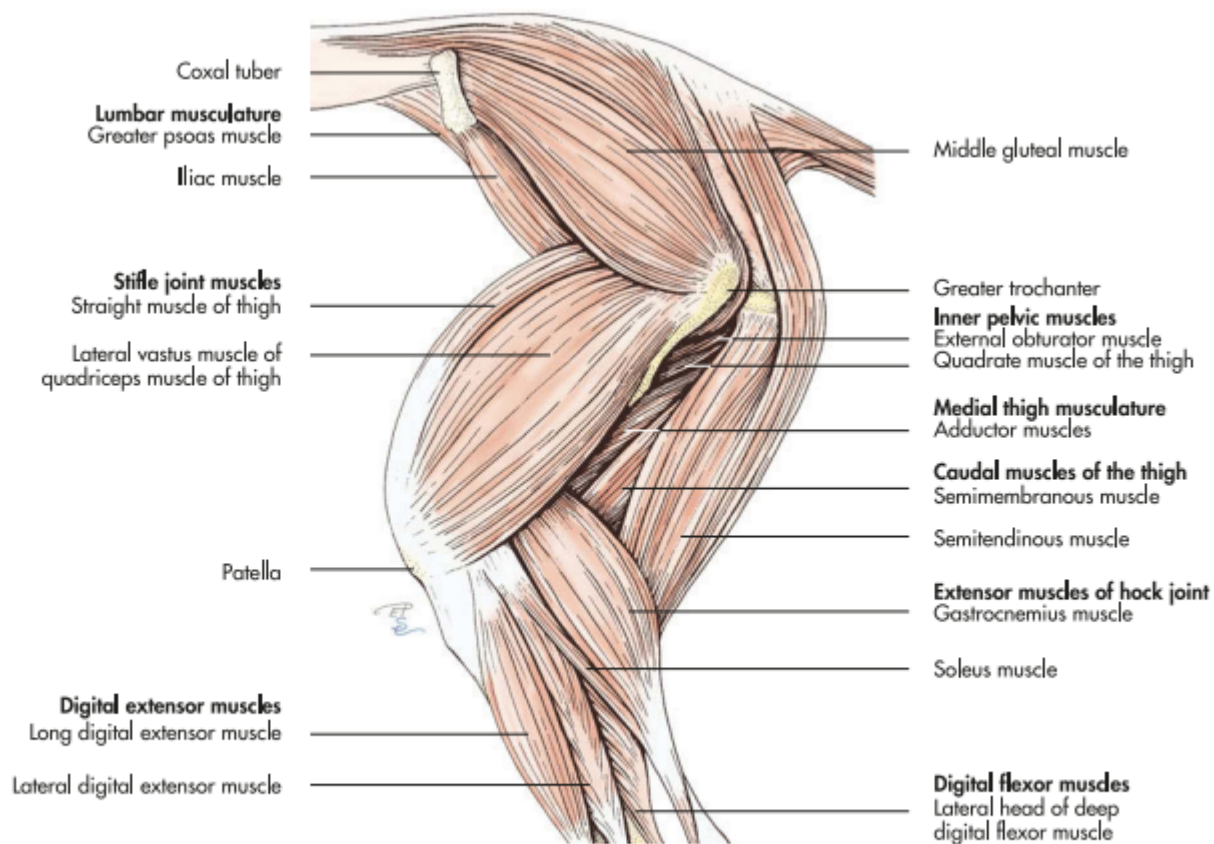
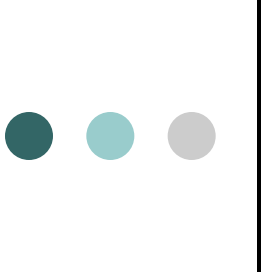


Fig. 5.95 Deep muscles of the pelvic limb of the horse (schematic, lateral aspect); fig. based on data from Ellenberger and Baum, 1943.

- 
- **M. tibialis cranialis**
 - **M. peroneus (fibularis) tertius**
 - **M. peroneus (fibularis) longus**
 - **M. peroneus (fibularis) brevis (Ca)**

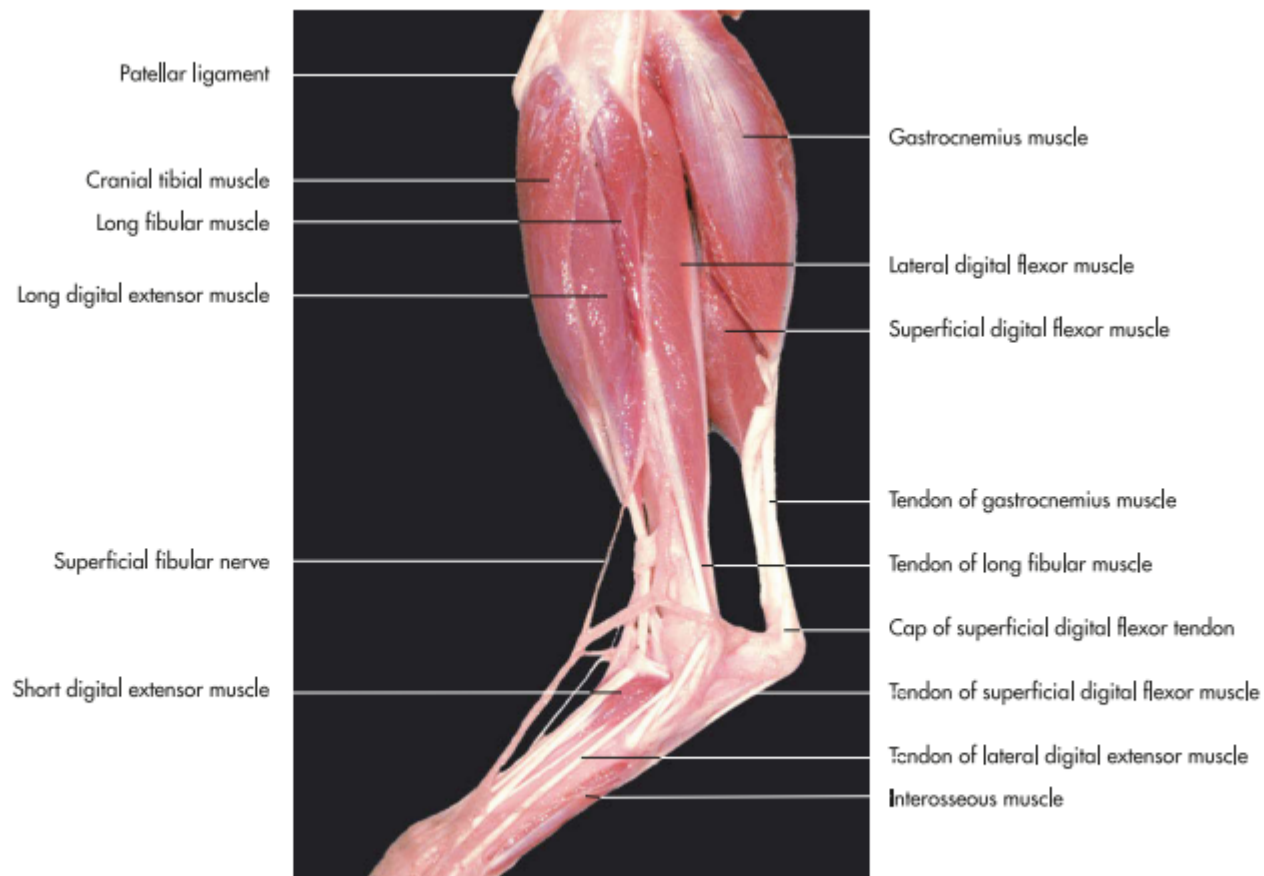
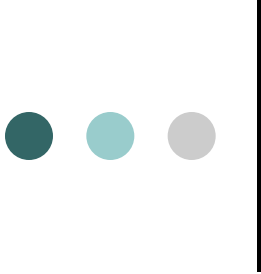


Fig. 5.98 Musculature of the left pelvic limb of a dog (distal portion, lateral aspect). (source: courtesy of Insa Biedermann and M. Heiden, Munich)

- 
- **M. extensor digitalis pedis longus**
 - **M. extensor digitalis pedis lateralis**

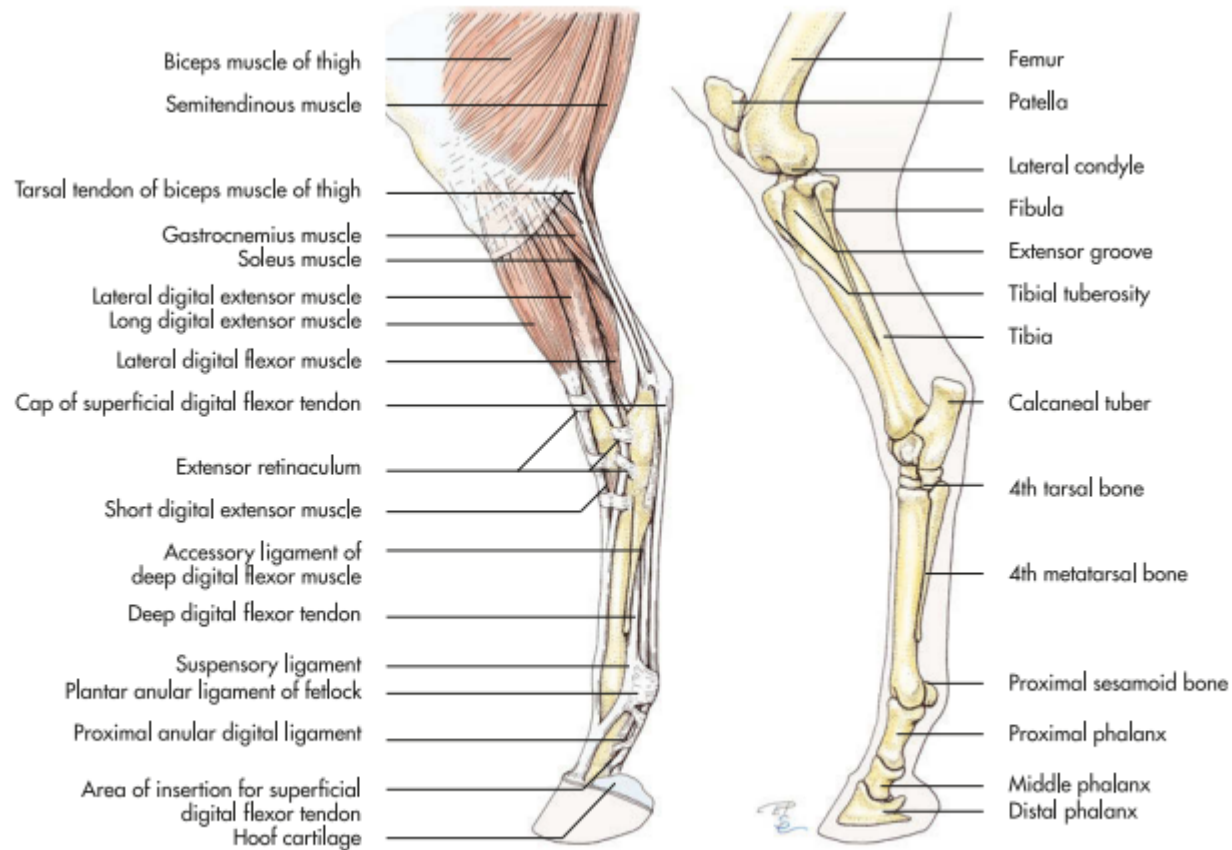
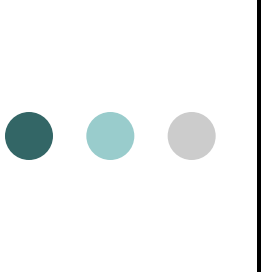
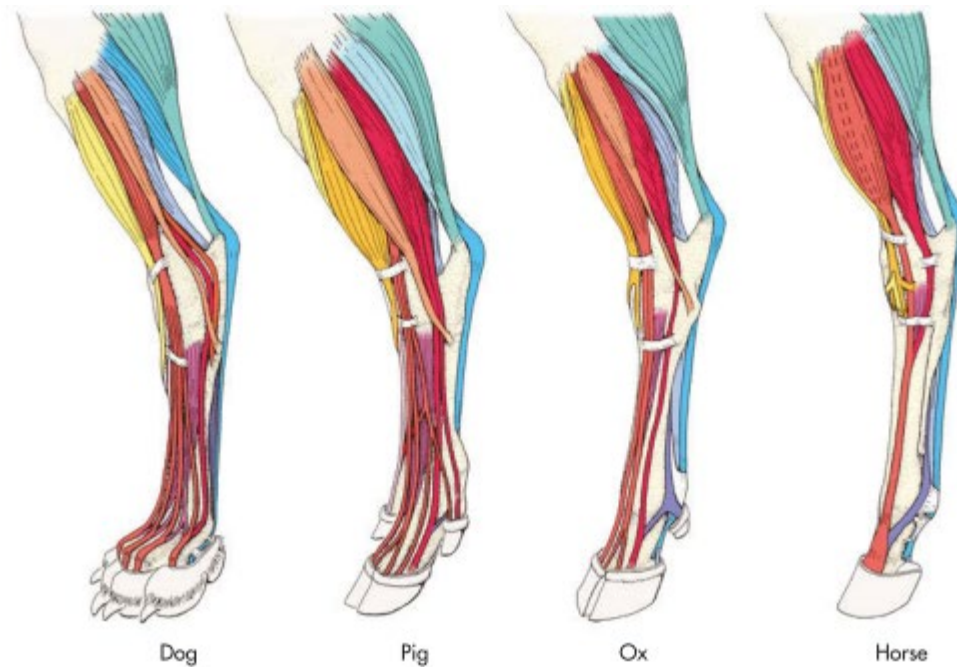


Fig. 5.111 Muscles and skeleton of the hindlimb of the hindlimb of of the horse (schematic, lateral aspect).

- 
- **M. flexor digitalis pedis superficialis**
 - **M. flexor digitalis pedis profundus**

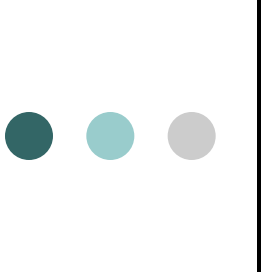


Cranial tibial muscle
 Third fibular muscle
 Long fibular muscle
 Short fibular muscle
 Long digital extensor muscle

Lateral digital extensor muscle
 Short digital extensor muscle
 Long extensor muscle of the first digit
 Gastrocnemius muscle

Soleus muscle
 Superficial digital flexor muscle
 Deep digital flexor muscle
 Middle interosseous muscle

Fig. 5.103 Muscles of the crus (schematic, lateral aspect); fig. based on data from Ellenberger and Baum, 1943.



Arteriae

- **A. iliaca externa**
- **A. femoralis**
- **A. poplitea**
- **A. tibialis cranialis**
- **A. dorsalis pedis**
- **A. metatarsea dorsalis III (eq, Ru, su)**
- **Aa. metatarseae dorsales II – IV (Ca)**
- **A. digitalis plantaris lateralis et medialis**

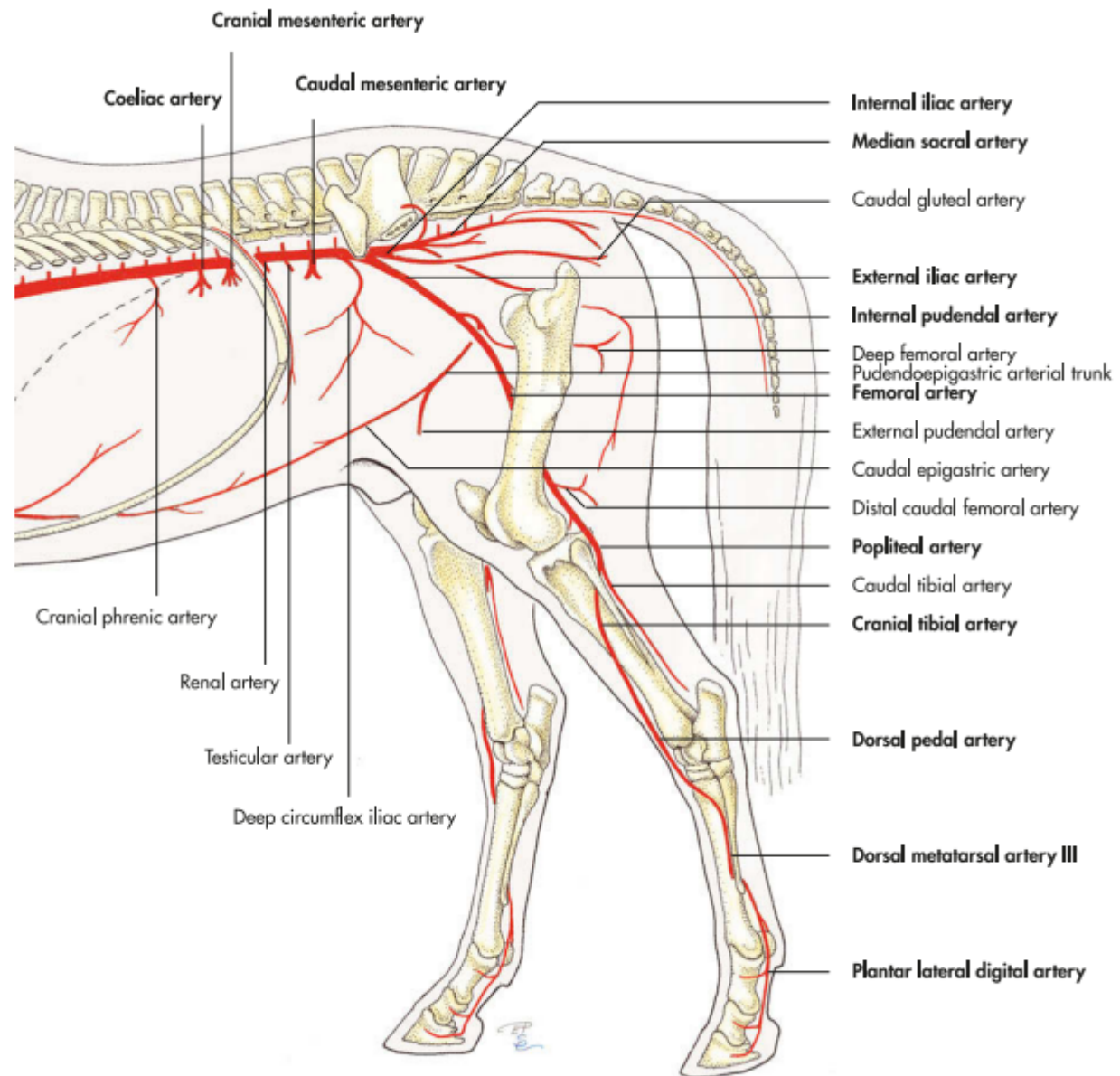
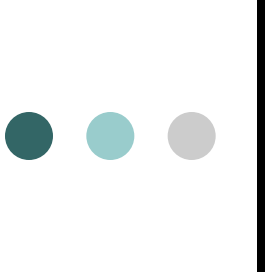


Fig. 13.24 Abdominal aorta and its larger branches of the horse (schematic).



Venae

- Površní v. systém:
- **V. saphena medialis**
- **V. saphena lateralis**

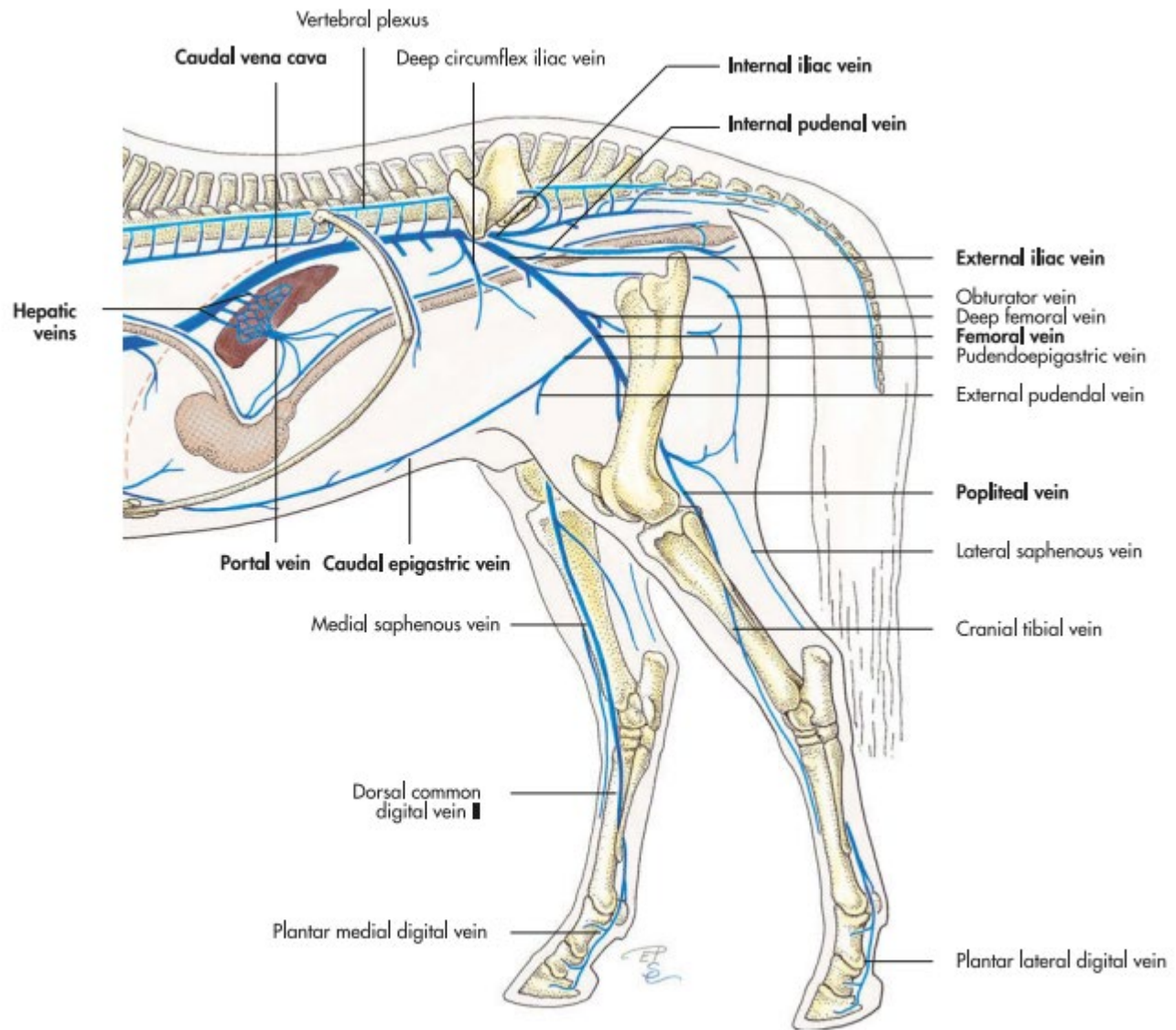
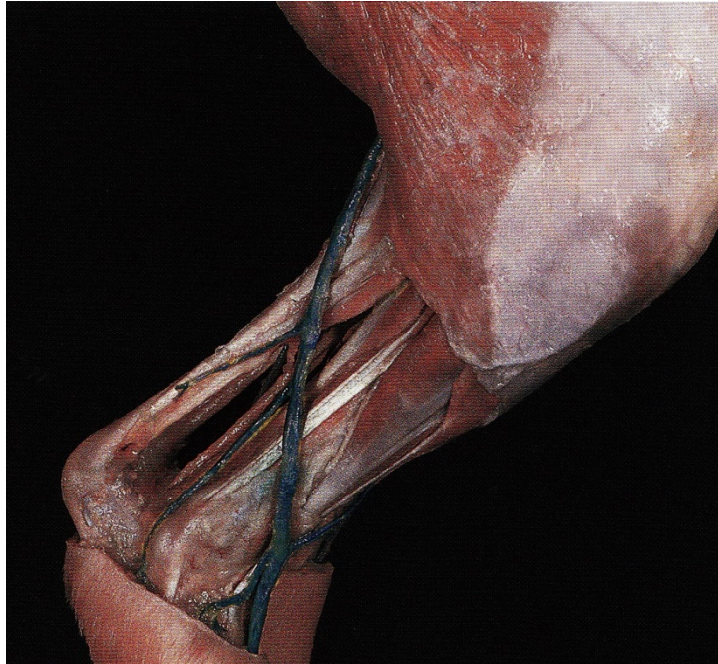
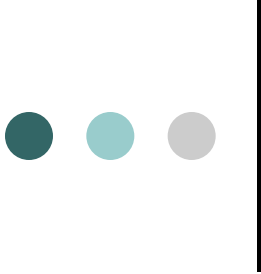


Fig. 13.29 Larger veins of the pelvic limb and the tributaries to the caudal vena cava of the horse (schematic).

- **V. saphena lateralis**



- Horst Erich König i Hans-Georg Liebich, 2009.

- 
- **V. iliaca externa**
 - **V. femoralis**
 - **V. poplitea**
 - **V. tibialis cranialis**
 - **V. dorsalis pedis**
 - **V. metatarssea dorsalis II (eq)**
 - **V. metatarssea dorsalis III (Ru, su)**
 - **Vv. digitales plantares communes**

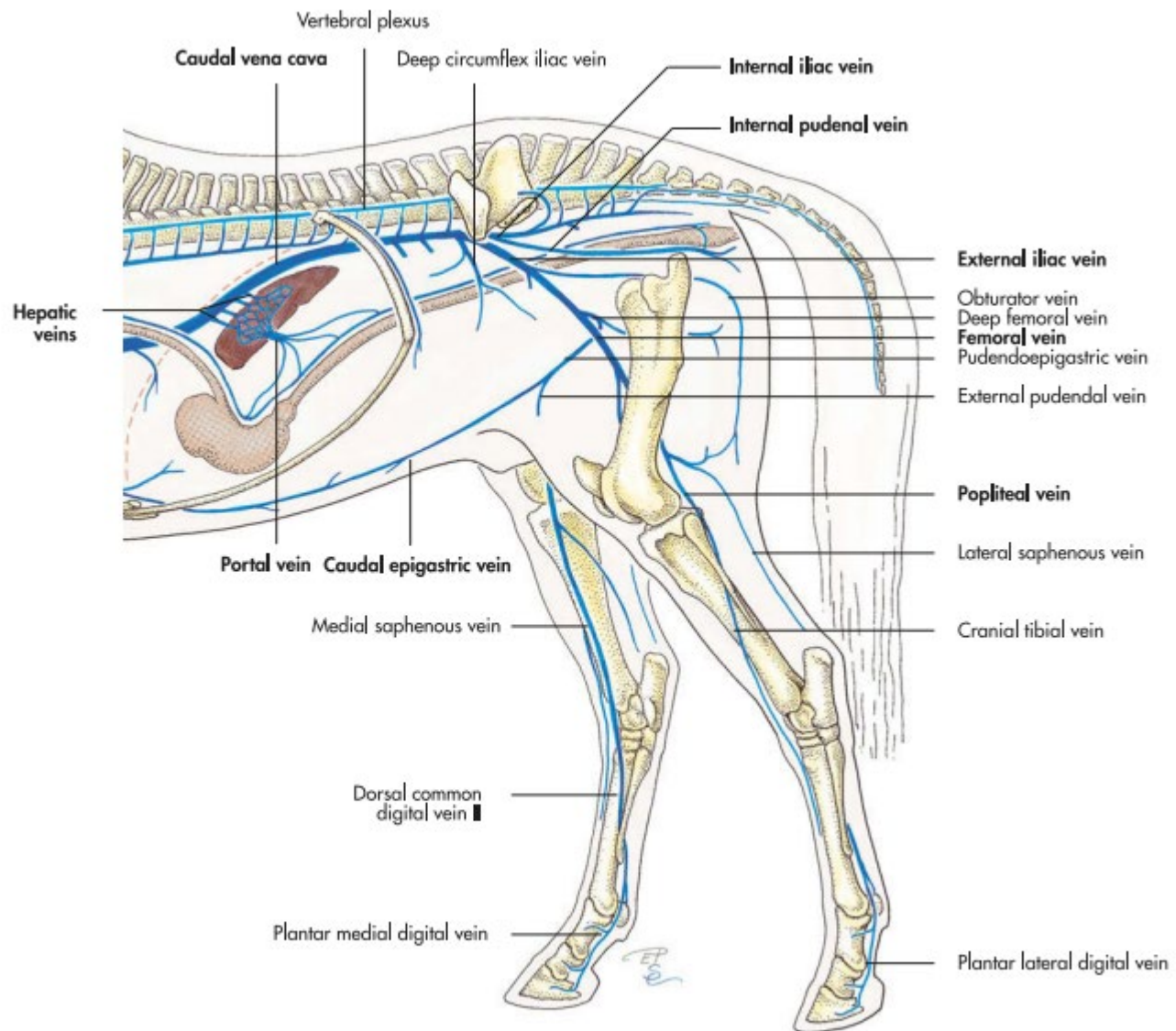
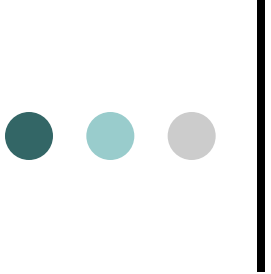


Fig. 13.29 Larger veins of the pelvic limb and the tributaries to the caudal vena cava of the horse (schematic).



Limfni sistem

- **Lc. iliosacrale**

Lnn. iliaci mediales

Lnn. iliaci laterales

Lnn. sacrales

Lnn. anorectales

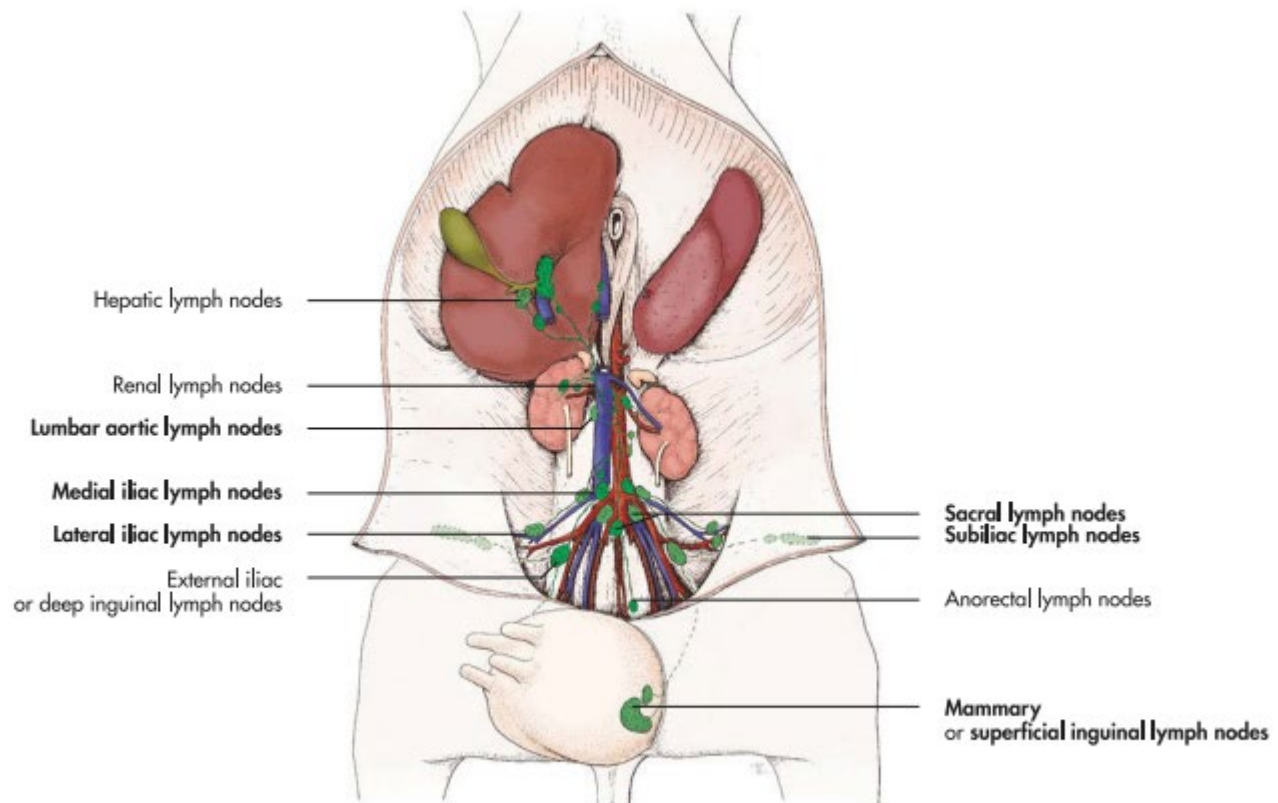
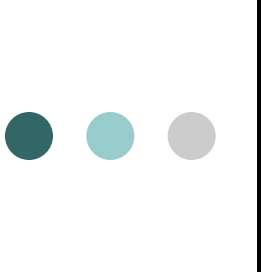


Fig. 14.14 Lymph nodes and lymph collecting ducts of the abdominal cavity of the cow (ventral aspect); fig. based on data from Baum, 1912.

- 
- **Lc. inguinale profundum (iliofemorale)**

Lnn. iliofemorales

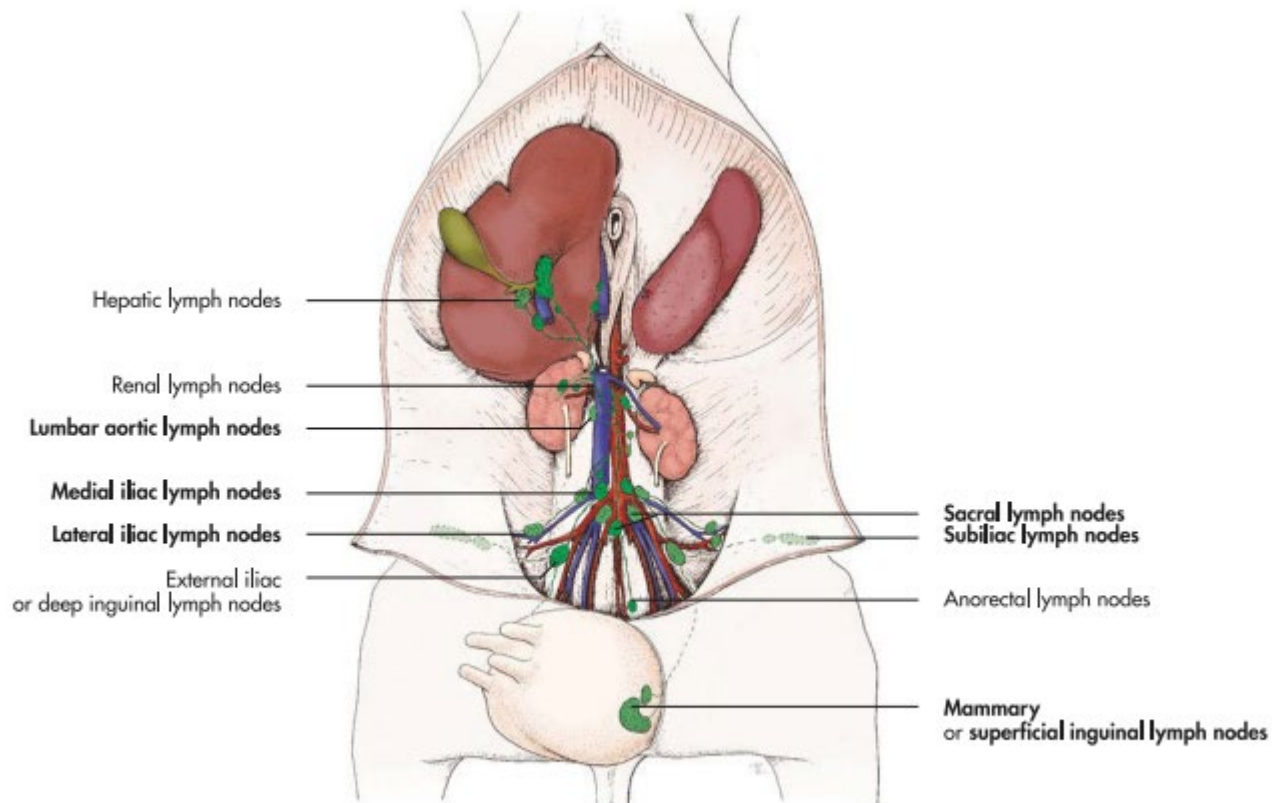


Fig. 14.14 Lymph nodes and lymph collecting ducts of the abdominal cavity of the cow (ventral aspect); fig. based on data from Baum, 1912.

- **Lc. inguinale superficiale**

Lnn. inguinales superficiales

Lnn. subiliaci

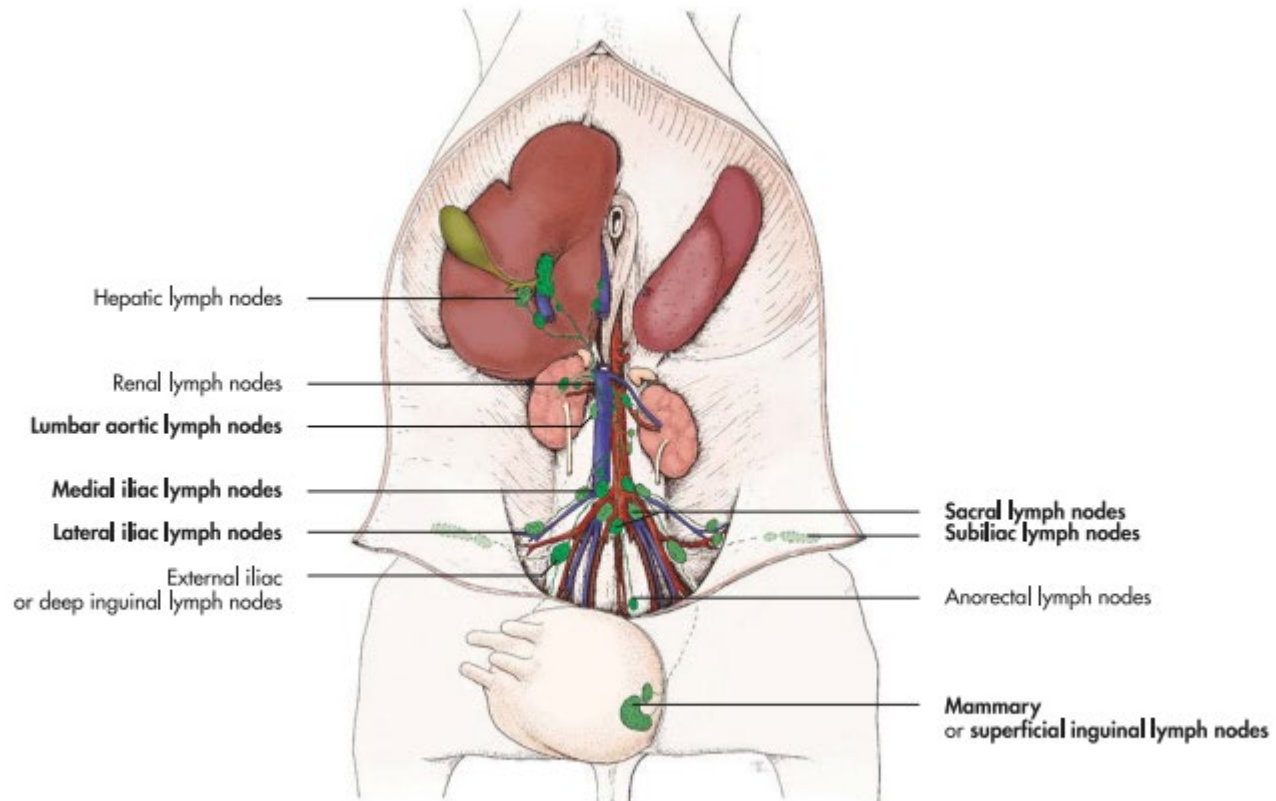


Fig. 14.14 Lymph nodes and lymph collecting ducts of the abdominal cavity of the cow (ventral aspect); fig. based on data from Baum, 1912.

- **Lc. ischiadicum**

Ln. gluteus

Lnn. ischiadici

- **Lc. popliteum**

Lnn. poplitei superficiales

Lnn. poplitei profundi

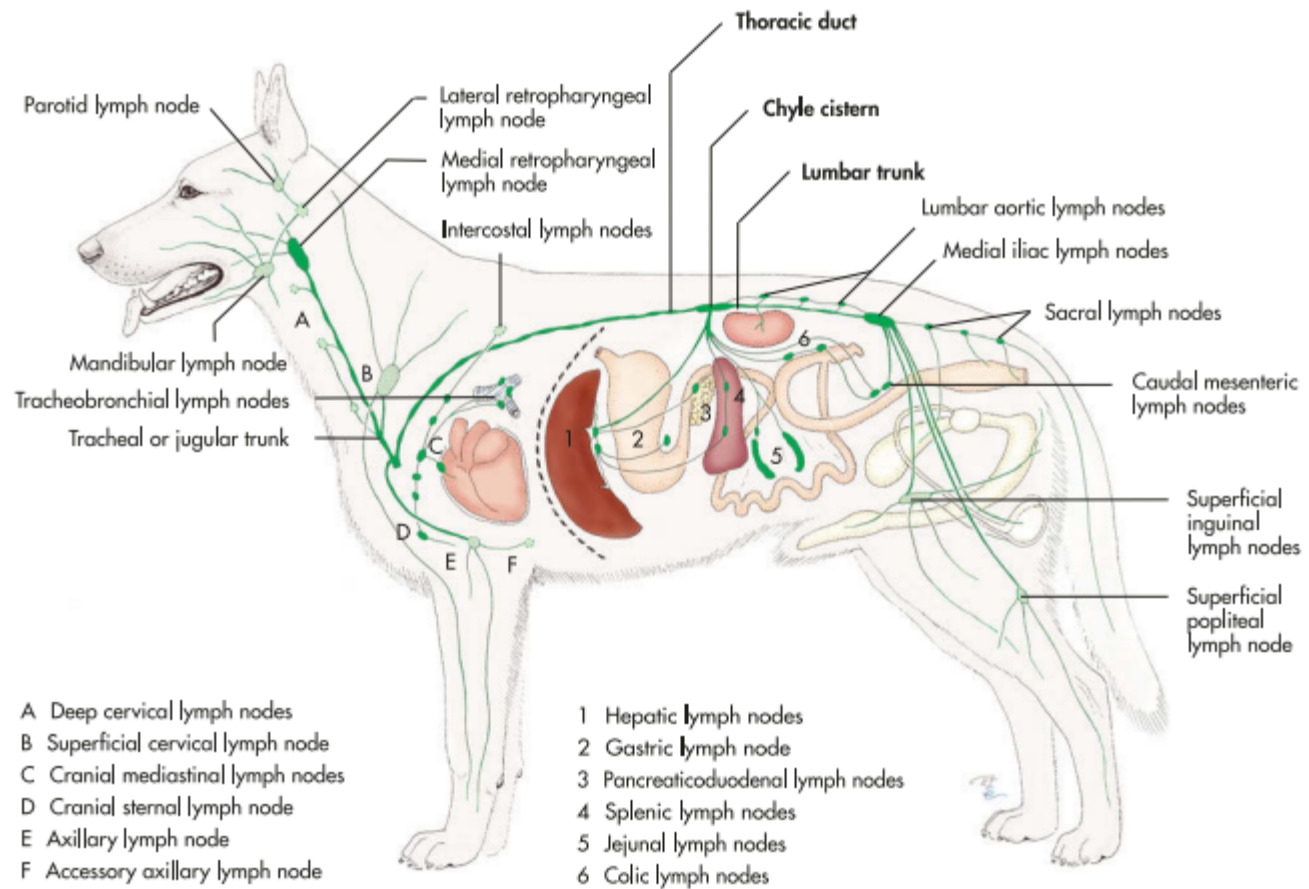


Fig. 14.12 Lymphatic system of the dog (schematic); fig. based on data from Budras, Fricke and Richter, 1996.

Plexus lumbosacralis

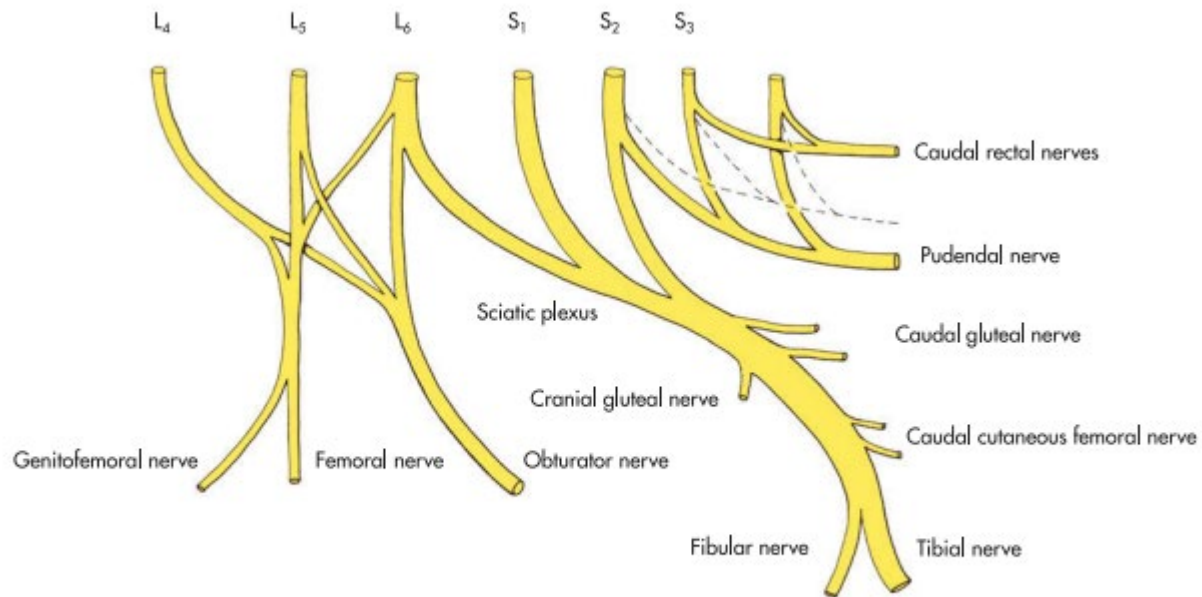
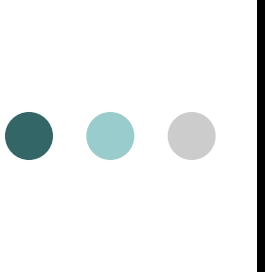
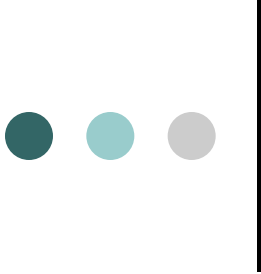


Fig. 15.70 Schematic illustration of the lumbosacral plexus.



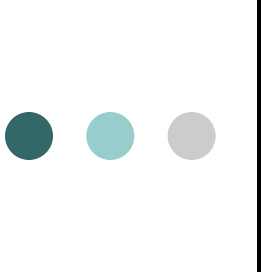
- **N. iliohypogastricus**

- **mm. abdominis**



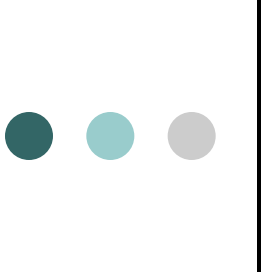
- **N. ilioinguinalis**

- **mm. abdominis**

- 
- **N. genitofemoralis s. spermaticus externus**
 - **m. obliquus internus abdominis et m. cremaster**

- **N. cutaneus femoris lateralis**

- Kožu medio-dorzalnog femoralnog predela do kolena



○ **N. femoralis**

- **m. quadriceps femoris, m. psoas minor, m. iliopsoas, m. quadratus lumborum, m. sartorius, m. gracilis et pectineus (eq)**

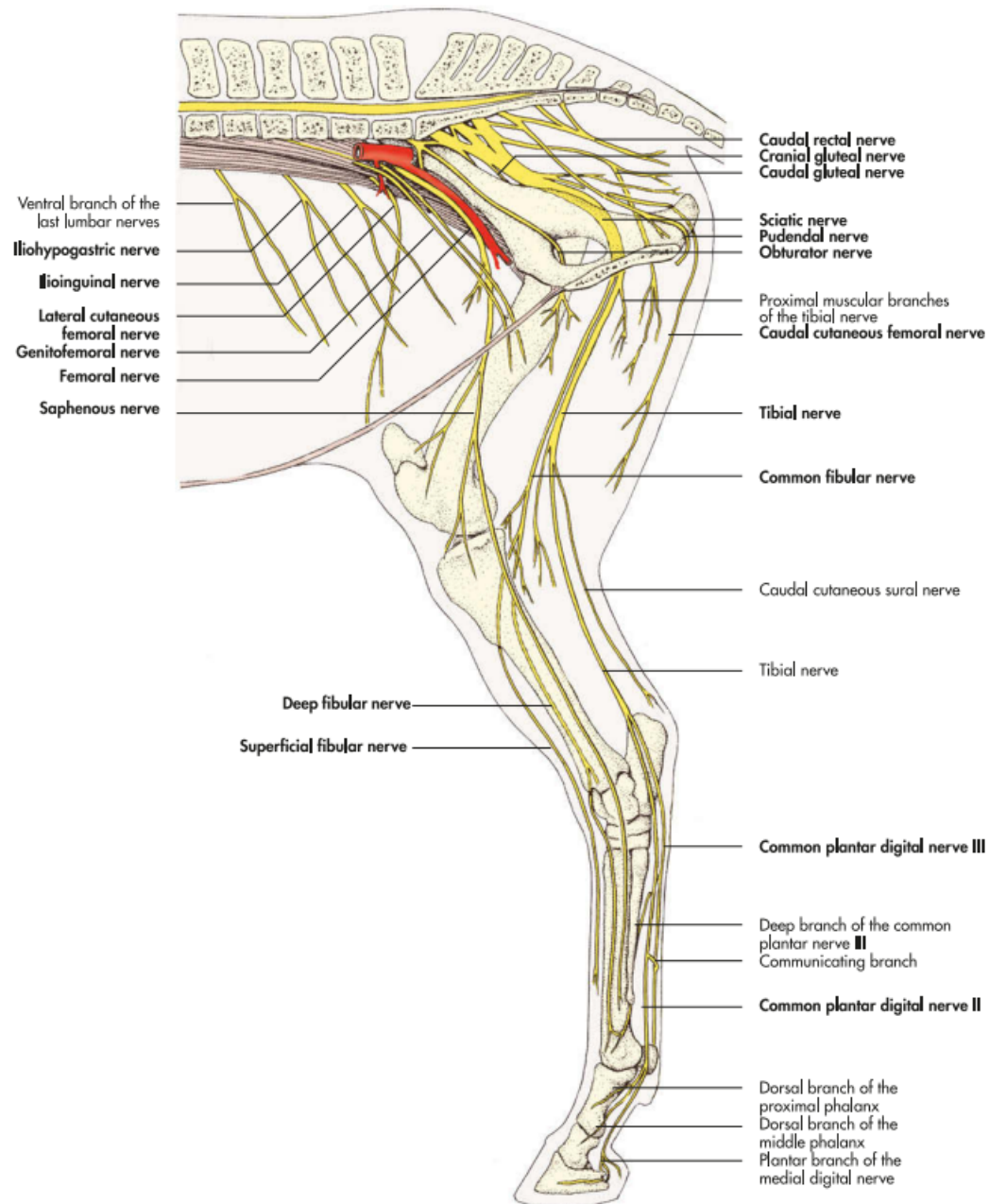
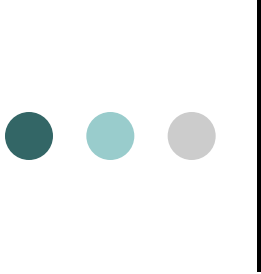


Fig. 15.71 Lumbosacral plexus and nerves of the right hindlimb in the horse (schematic, medial aspect); fig. based on data from Ellenberger and Baum, 1943.



- **N. saphenus**

- **m. sartorius, m. gracilis et pectineus**

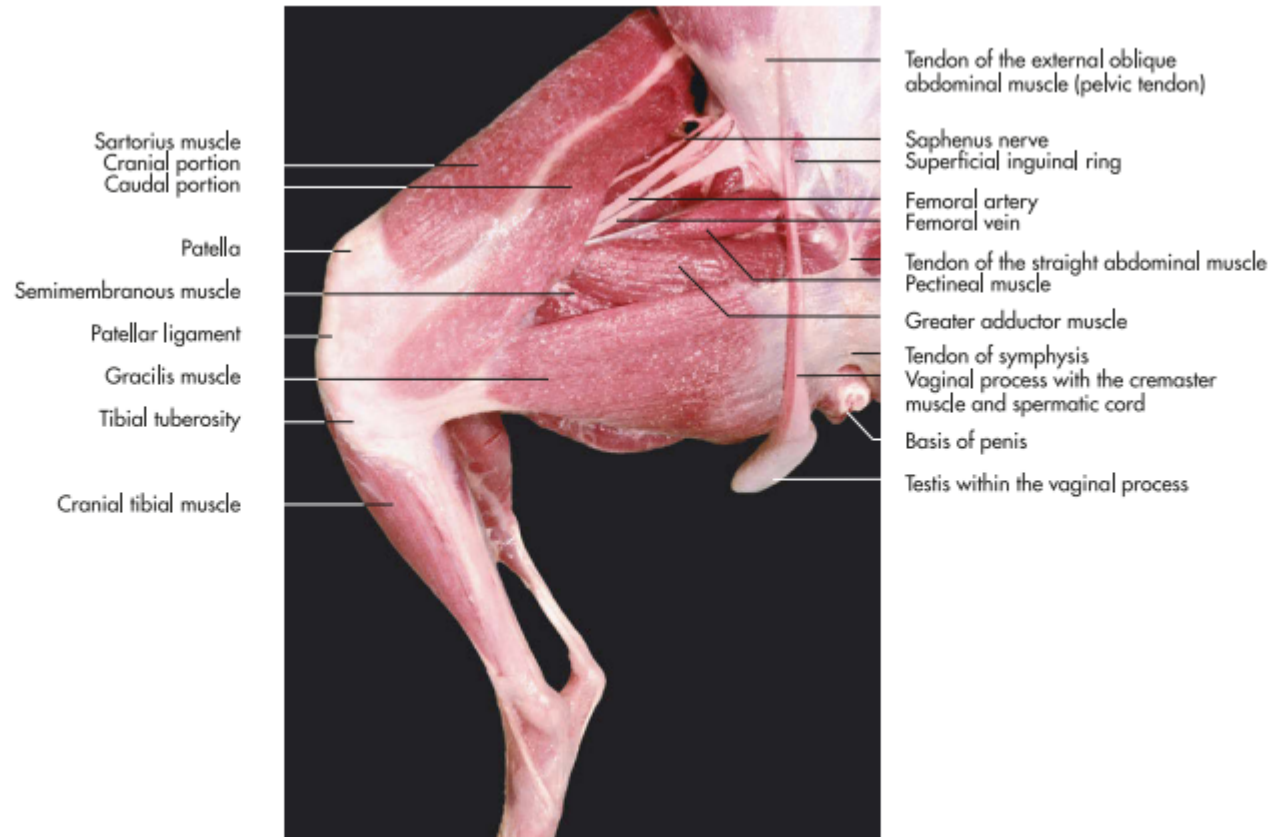
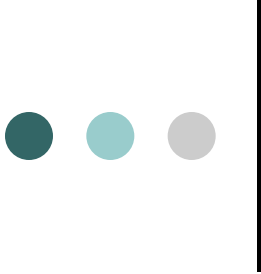


Fig. 5.99 Musculature of the right pelvic limb of a dog with superficial vessels and vaginal process (proximal portion, medial aspect). (source: courtesy of Sandra Draaisma and Caroline Hofbeck, Munich)

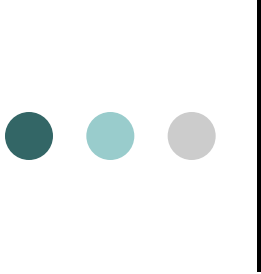
- **N. obturatorius**

- **m. pectineus, m. gracilis, m. aductor, m. obturatorius externus et internus**



- **N. cutaneus femoris caudalis**

- **m. semitendinosus**

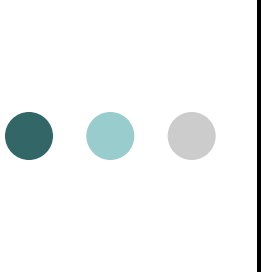


- **N. gluteus cranialis**

- **m. gluteus medius, m. gluteus profundus, m. tensor fasciae latae**

- **N. gluteus caudalis**

- **m. biceps femoris s. m. gluteobiceps (pars cranialis),
m. gluteus superficialis, m. semitendinosus**



- **Nn. rectales caudales**

- **rectum, m. sphincter ani externus**

- **N. pudendus**

- **m. ischiocavernosus, m. bulbospongiosus,
m. retractor penis, m. urethralis**

- **N. ischiadicus**

- **mm. gemelli, m. obturator internus, m. quadriceps femoris, m. gluteus profundus**

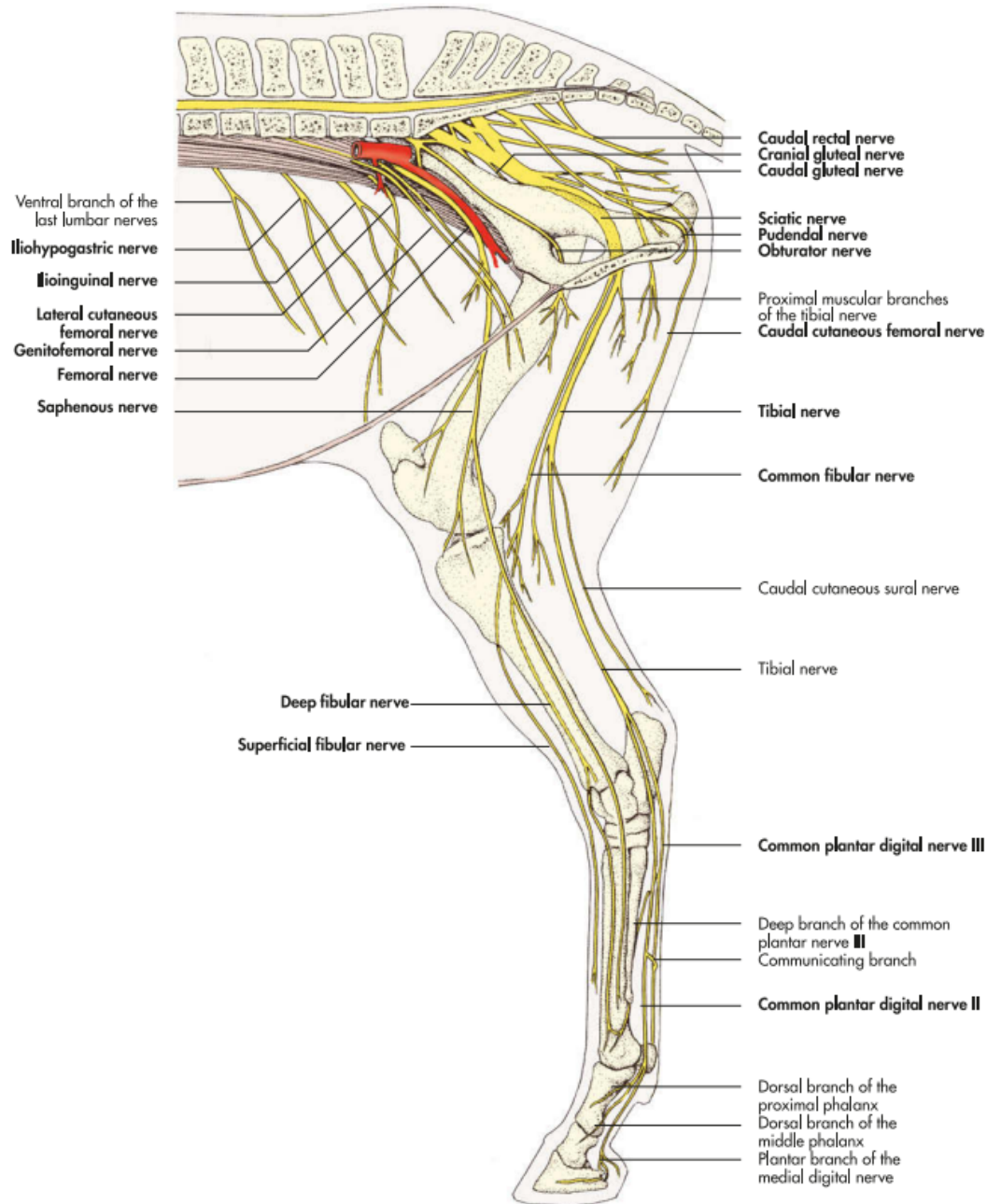
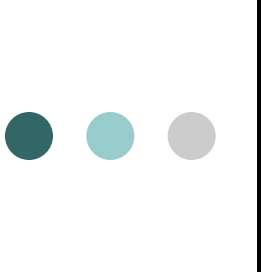


Fig. 15.71 Lumbosacral plexus and nerves of the right hindlimb in the horse (schematic, medial aspect); fig. based on data from Ellenberger and Baum, 1943.

- 
- **N. peroneus (fibularis) communis**
 - **N. tibialis**

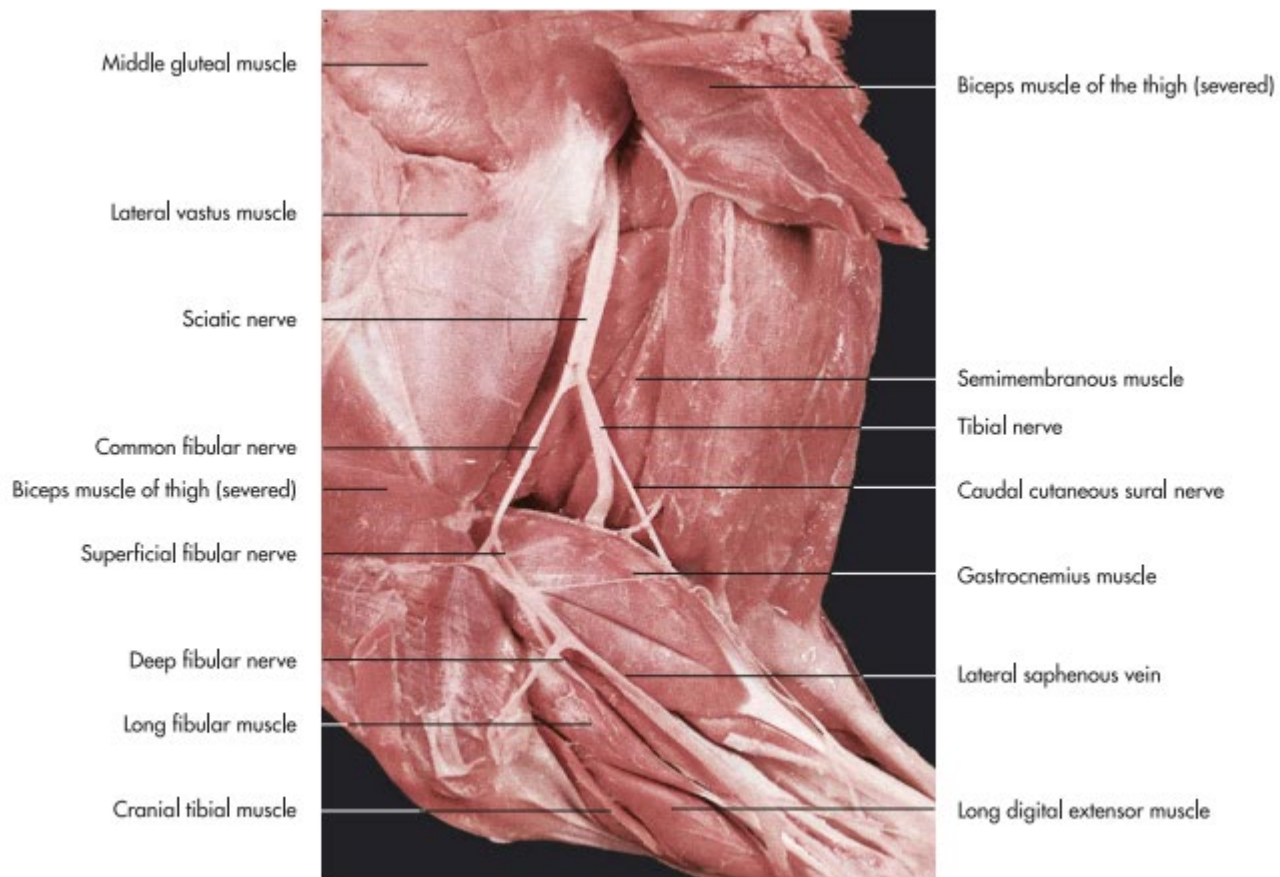
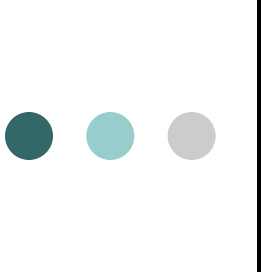


Fig. 15.72 Nerves of the thigh and leg of a dog (lateral aspect).

- 
- **N. peroneus communis**
 - **N. peroneus superficialis**
 - **N. peroneus profundus**

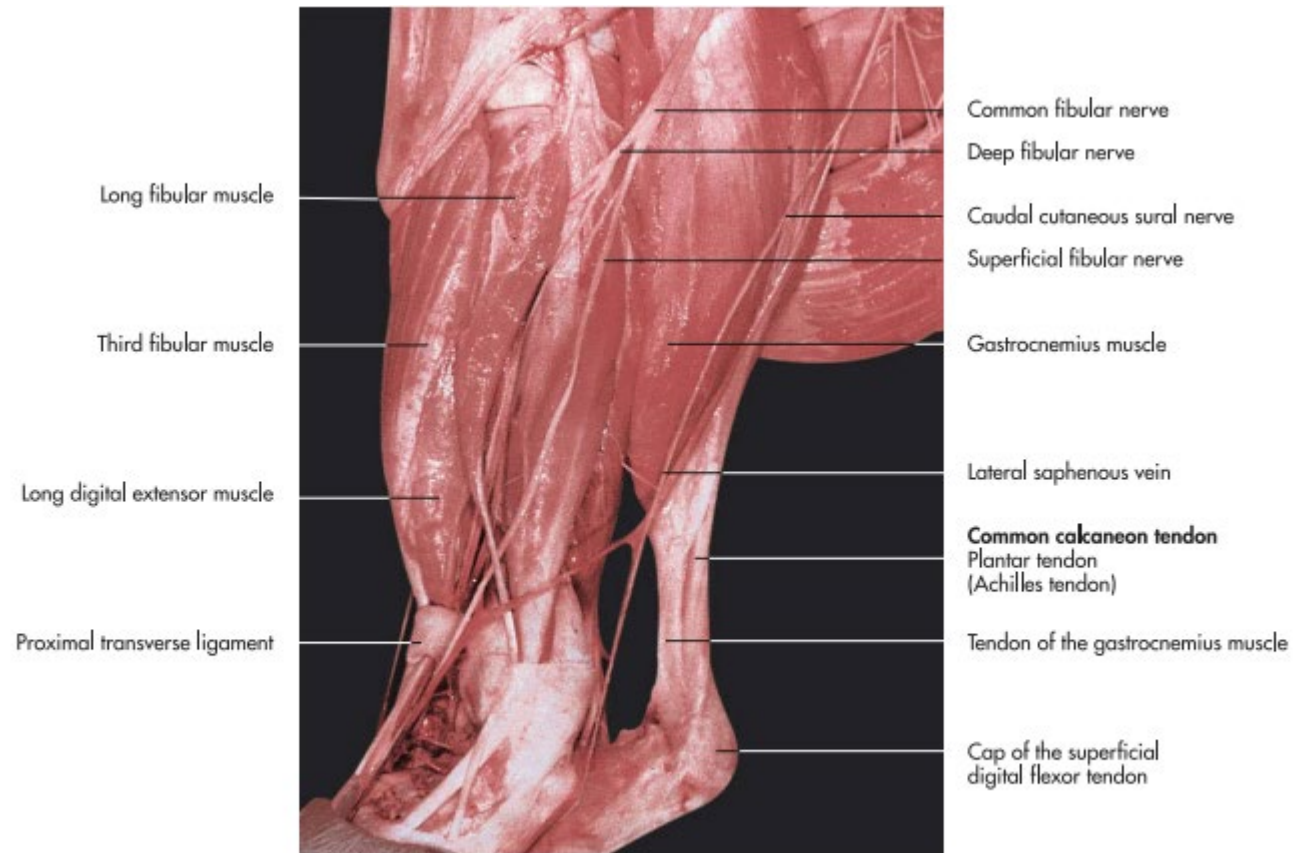
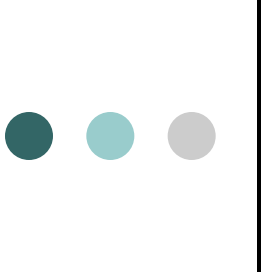


Fig. 15.75 Superficial nerves of the leg of an ox (lateral aspect).



○ **N. tibialis**

- **m. biceps femoris, m. semitendinosus, m. semimembranosus, m. gastrocnemius, m. soleus, m. popliteus, m. flexor dig. superficialis et profundus**

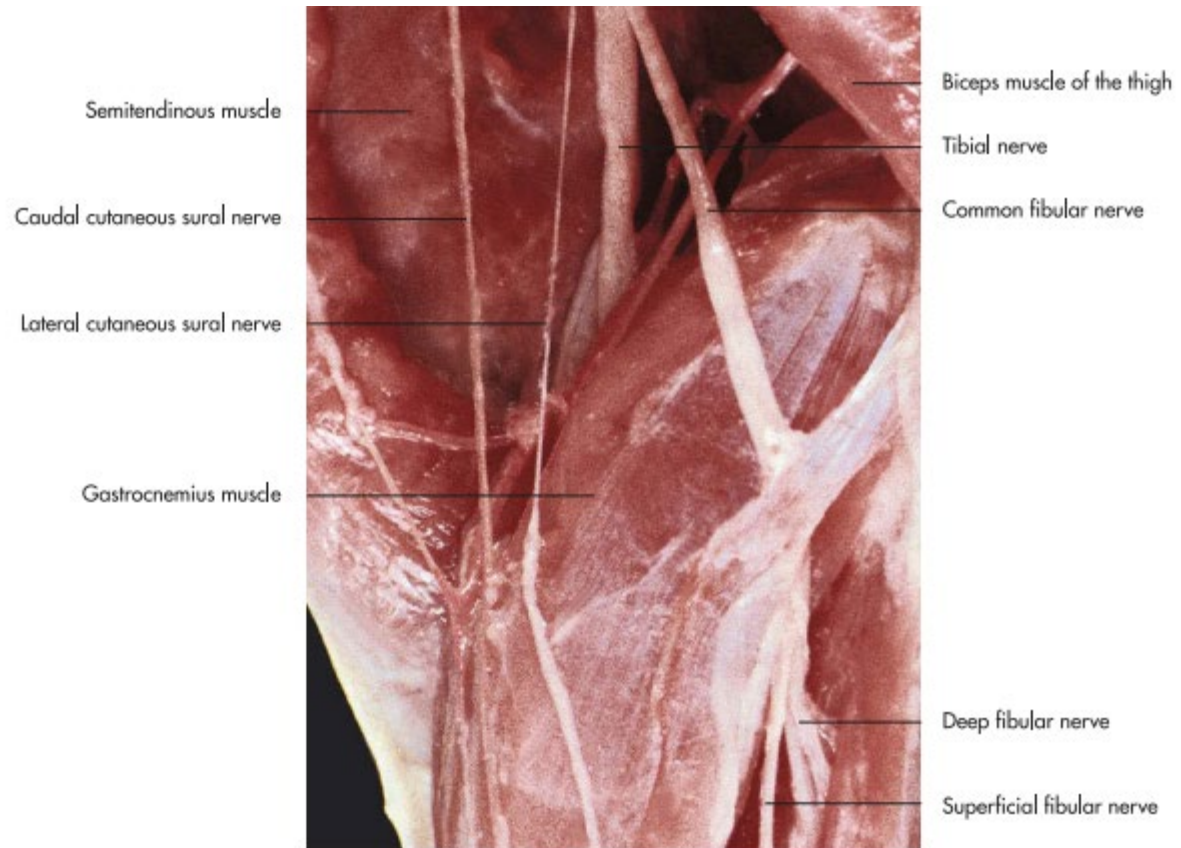


Fig. 15.73 Nerves of the right thigh and leg of a cat (lateral aspect). (source: courtesy of Dr. S. Langer)