

A HÁTSÓ VÉGTAG VÉRELLÁTÁSA

Heinzlmann Andrea

Állatorvostudományi Egyetem

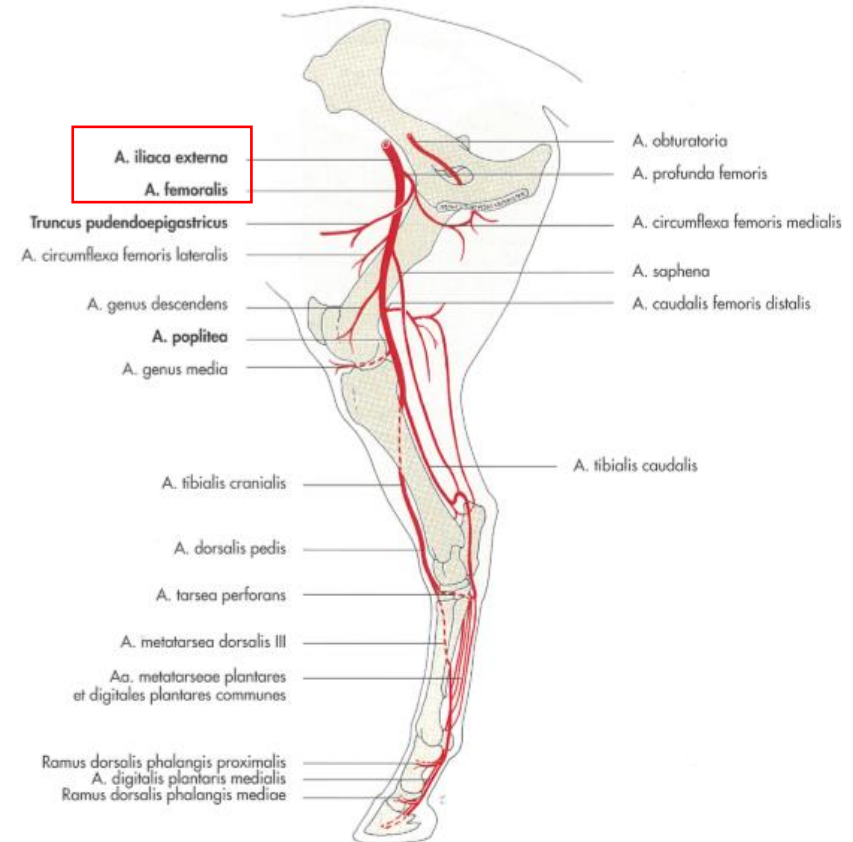
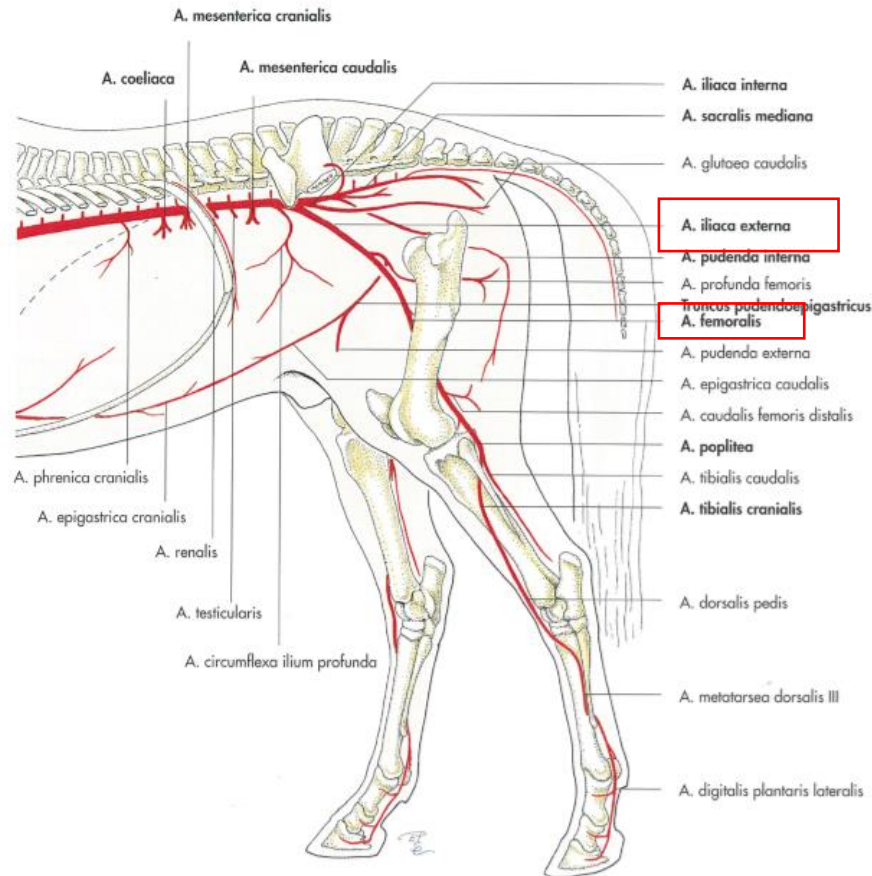
Anatómiai és Szövetani Tanszék

2020. március 12.

AORTA ABDOMINALIS

Artéria (A.) iliaca externa:

- a belső csípőízmokon halad
- a lacuna vasorumon halad át
- a canalis femoralisba (combcsatorna) belépve az a. femoralis – ban folytatódik



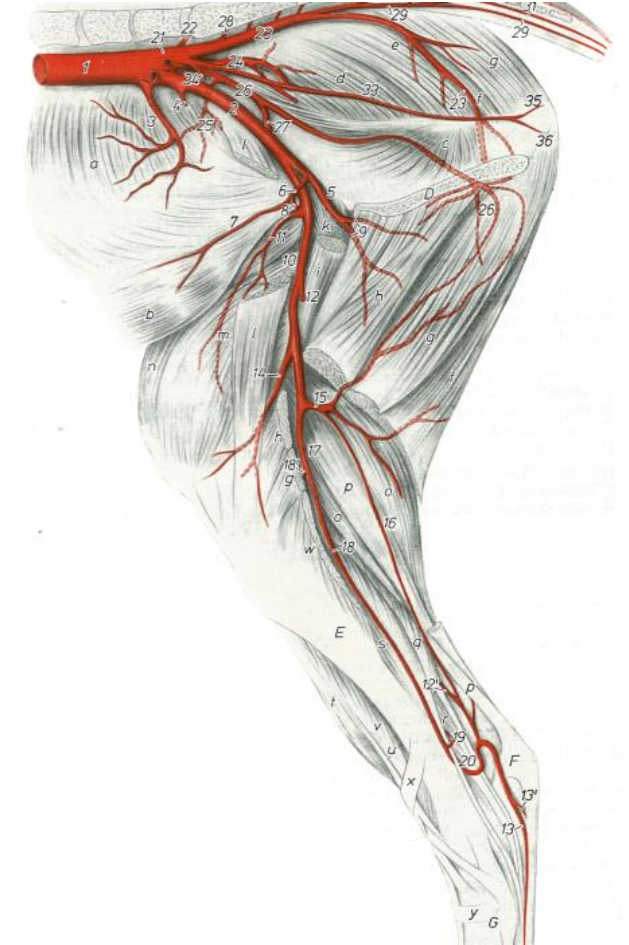
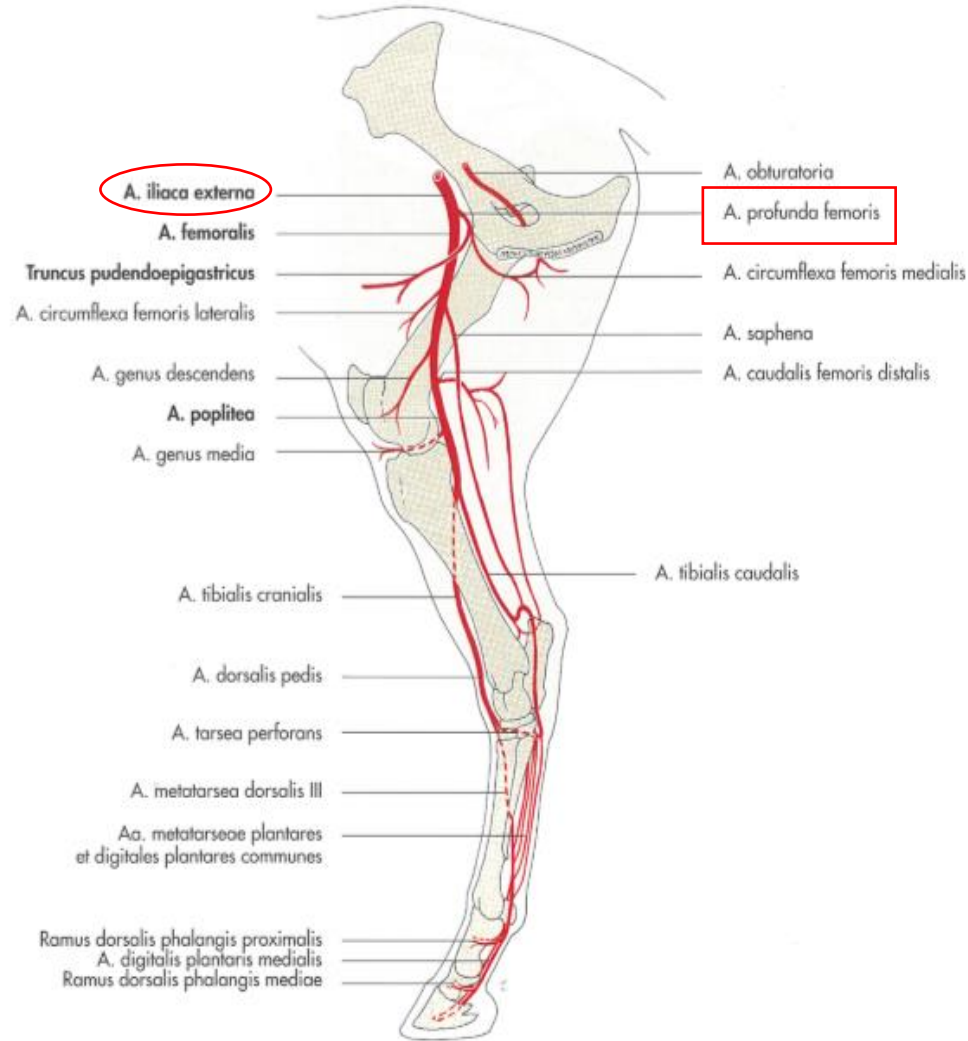
AORTA ABDOMINALIS

A. iliaca externa:

leadja:

1. A. abdominalis caudalis

2. A. profunda femoris



5. A. profunda femoris

6. Truncus pudendoepigastricus

AORTA ABDOMINALIS

A. iliaca externa:

1. A. abdominalis caudalis:

- **húsevőkben**, sertés, kérődző
- húsevőkben az a. profunda femoris - tól distálisan ered az a. iliaca ext. - ból
- alkalmanként kutyában és szarv. marhában a truncus pudendoepigastricus - ból
- cranioventrális irányba halad
- a m. rectus abdominis laterális szélével párhuzamosan
- kutyában összeköttetés az a. epigastrica caudalis –sal és az a. circumflexa ilium profunda -val

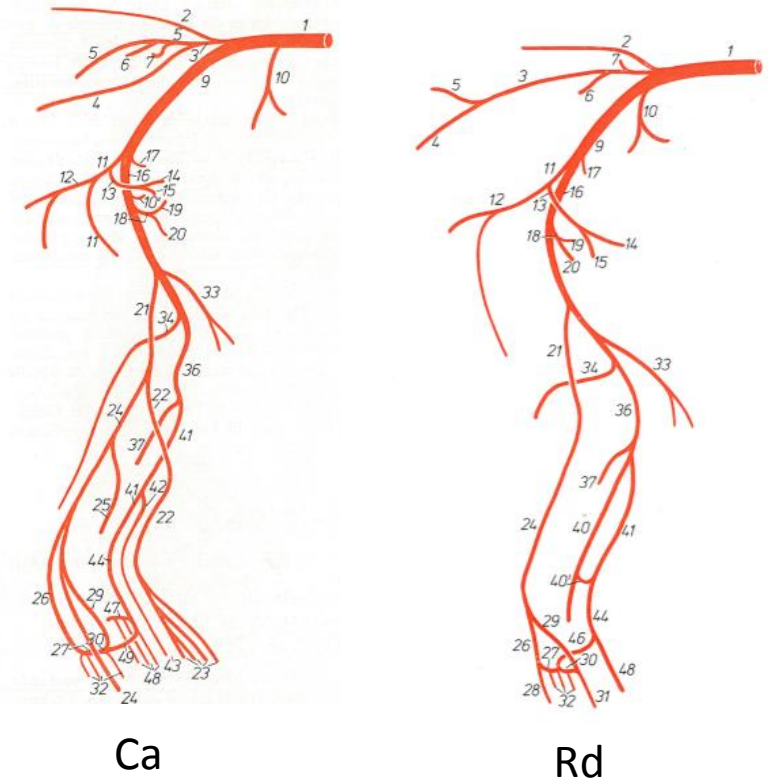


Abb. 105, 106, 107, 108. Arterien der linken Beckengliedmaße bis zum Tarsalbereich von Hund, Schwein, Rind und Pferd. Schematisch. Medialansicht.

1 Aorta abdominalis; 2 A. sacralis mediana; 3 A. iliaca interna; 4 A. pudenda interna; 5 A. glutea caudalis; 6 A. glutea cranialis; 7 A. ilioumbalis; 8 A. obturatoria; 9 A. iliaca externa; 10 A. circumflexa ilium profunda; 10' A. circumflexa ilium superficialis; 11 A. profunda femoris; 12 A. circumflexa femoris medialis; 13 Truncus pudendoepigastricus; 14 A. epigastrica caudalis; 15 A. pudenda externa; 16 A. femoralis; 17 A. abdominalis caudalis; 18 A. circumflexa femoris lateralis; 19 R. ascendens; 19' A. iliofemorialis; 20 R. descendens; 21 A. saphena; 22 R. cranialis; 23 Aa. digitales dorsales communes I-IV; 24 R. caudalis von 21; 25 Ast von 24, noch nicht homologisiert, bisher verschiedene Bezeichnungen in der Literatur, z. B. A. peronea, fibularis; 26 A. plantaris lateralis; 27 R. profundus; 28 R. superficialis; 29 A. plantaris medialis; 30 R. profundus; 31 R. superficialis; 27 und 30 Arcus plantaris profundus; 32 Aa. metatarsae plantares II-IV; 33 A. genus descendens; 34 A. caudalis femoris distalis; 35 A. comitans n. tibialis; 36 A. poplitea; 37 A. tibialis caudalis; 38 A. anastomoticus cum a. saphena; 39 A. malleolaris caudalis lateralis; 40 A. interossea cruris; 40' R. interossea s. perforans; 41 A. tibialis cranialis; 42 R. superficialis; 43 A. digitalis dorsalis V abaxialis; 44 A. dorsalis pedis; 45 A. tarsea perforans proximalis; 46 A. tarsea perforans distalis; 47 A. arcuata; 48 Aa. metatarsae dorsales II-IV; 49 R. perforans proximalis II

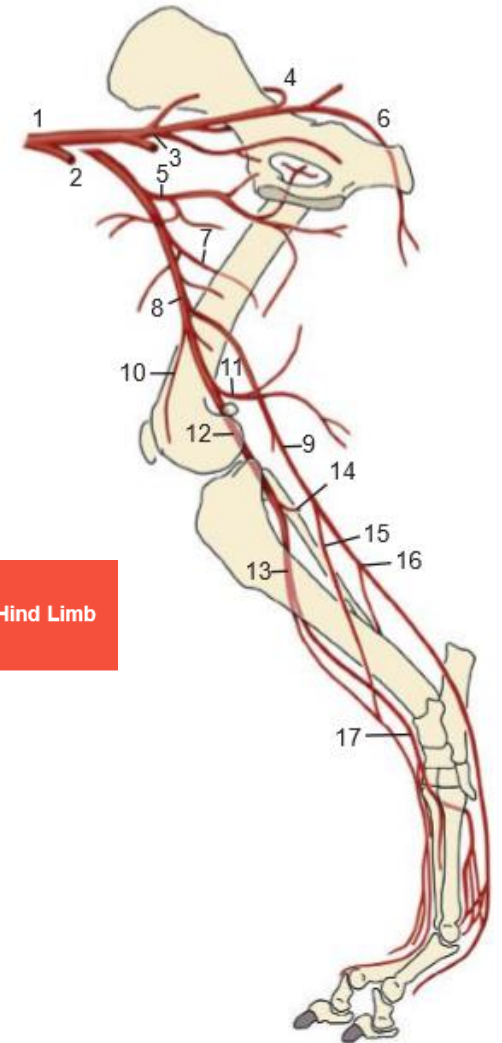
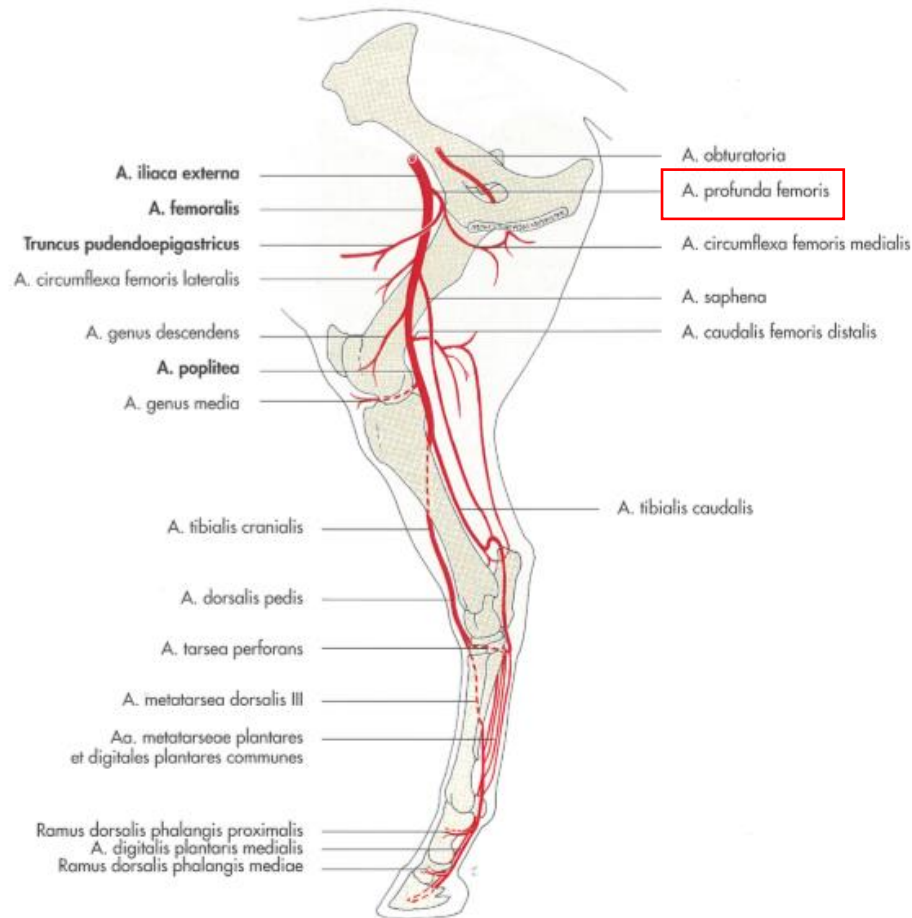
17. A. abdominalis caud.

AORTA ABDOMINALIS

A. iliaca ext.:

2. A. profunda femoris:

- a canalis femoralisba való belépés előtt adódik le



Canine: Arteries of the Hind Limb

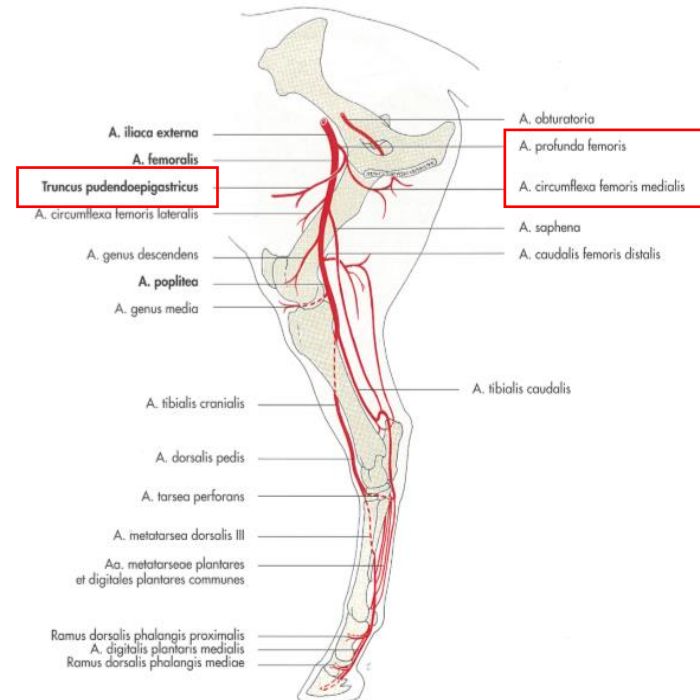
1. Abdominal aorta
2. Left external iliac artery
3. Left and right internal iliac arteries
4. Cranial gluteal artery
5. Deep femoral artery
6. Caudal gluteal artery
7. Lateral circumflex femoral artery
8. Femoral artery
9. Saphenous artery
10. Descending genicular artery
11. Distal caudal femoral artery
12. Popliteal artery
13. Cranial tibial artery
14. Caudal tibial artery
15. Cranial branch of the saphenous artery
16. Caudal branch of the saphenous artery
17. Dorsal pedal artery

AORTA ABDOMINALIS

A. iliaca ext.:

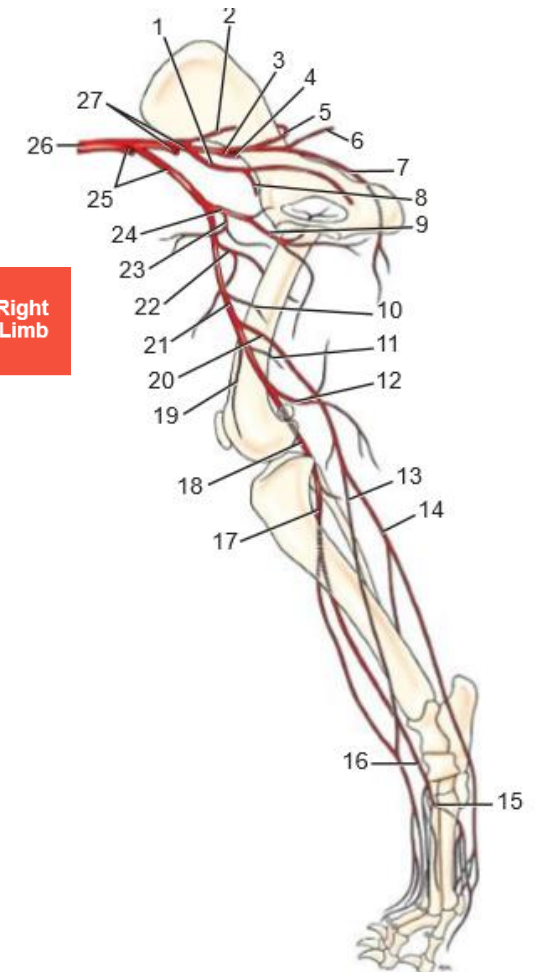
2. A. profunda femoris:

- eredése után leadja a **truncus pudendoepigastricus -t**
- caudálisan áthalad a lacuna vasorumon
- az eminantia iliopubicától lateroventrális irányba fordul a m. iliopsoas és a m. pectineus között
- caudodistálisan eléri a mm. adductores -eket – és itt leadja az **a. circumflexa femoris medialis-t**



Canine: Arteries of the Right Pelvic Limb

1. Internal pudendal artery
2. Median sacral artery
3. Caudal gluteal artery
4. Iliolumbar artery
5. Cranial gluteal artery
6. Lateral caudal artery
7. Caudal gluteal artery
8. Prostatic or vaginal artery
9. Medial circumflex femoral artery
10. Proximal caudal femoral artery
11. Middle caudal femoral artery
12. Distal caudal femoral artery
13. Cranial branch of the saphenous artery
14. Caudal branch of the saphenous artery
15. Perforating ramus artery
16. Dorsal pedal artery
17. Cranial tibial artery
18. Popliteal artery
19. Descending genicular artery
20. Saphenous artery
21. Femoral artery
22. Lateral circumflex femoral artery
23. Pudendoepigastric trunk artery
24. Deep femoral artery
25. Left and right external iliac arteries
26. Aorta artery
27. Left and right internal iliac arteries



AORTA ABDOMINALIS

A. profunda femoris:

3. truncus pudendoepigastricus:

- **lóban az a. iliaca ext. – ból ered**

ágai:

I. a. epigastrica caudalis

II. a. pudenda externa

III. a. cremasterica (kivéve ló – a. iliaca ext. - ból)

IV. húsevőkben – a. vesicalis media

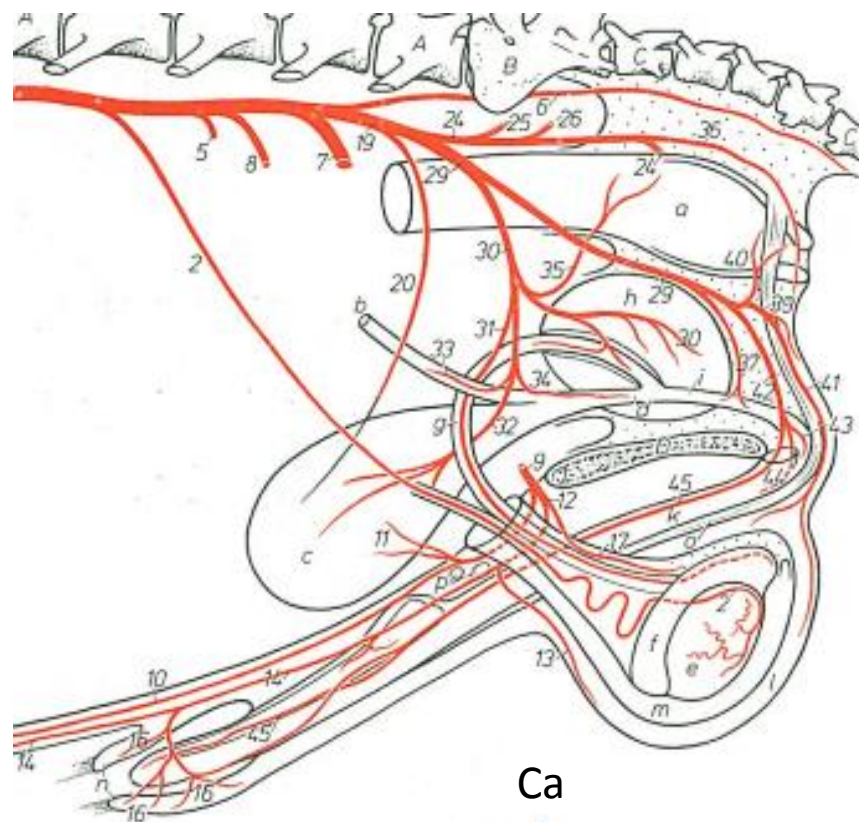


Abb. 136, 137, 138, 139. Arterien der Organe der Beckenhöhle vom männlichen Hund, Schwein, Rind und Pferd. Halbschematisch. (In Anlehnung an ACKERKNECHT, 1943.)
A Vertebrae lumbales; *B* Os sacrum; *C* Vertebrae caudales; *D* Symphysis pelvis

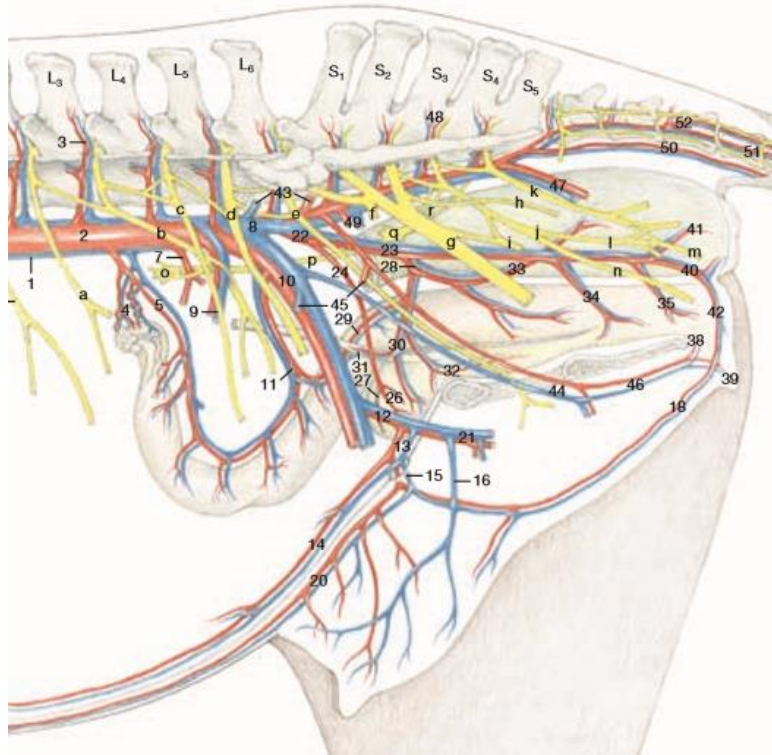
a Rectum; *b* Ureter; *c* Vesica urinaria; *d* Urethra; *e* Testis; *f* Epididymis; *g* Ductus deferens; *h* Gl. prostatica; *h'* Gl. vesiculosa; *h''* Gl. bulbo-urethralis; *i* Can. urogenitalis; *k* Penis; *l* Scrotum; *m* Proc. vaginalis; *n* Praeputium; *o* M. retractor penis; *p* Lnn. inguinales superficiales

1 Aorta abdominalis; 2 A. testicularis; 5 A. mesenterica caudalis; 6 A. sacralis mediana, außer beim Pfd. in die A. caudalis mediana übergehend; 7 A. iliaca externa; 8 A. circumflexa ilio profunda; 9 Truncus pudendoepigastricus; 10 A. epigastrica caudalis; 11 A. vesicalis media; 12 A. pudenda externa; 13 R. scrotalis ventralis; 14 A. epigastrica caudalis superficialis; 16 Rr. praeputiales; 17 A. cremasterica; 18 A. penis cranialis; 19 A. iliaca interna; 20 A. umbilicalis; 21 A. ductus deferentis; 22 R. uretericus; 23 A. vesicalis cranialis; 24 A. glutea caudalis; 25 A. ilio-lumbalis; 26 A. glutea cranialis; 27 A. obturatoria; 28 A. penis media; 29 A. pudenda interna; 30 A. prostatica; 31 R. ductus deferentis bzw. beim Hd. A. ductus deferentis; 32 A. vesicalis caudalis; 33 R. uretericus; 34 R. urethralis; 35 A. rectalis media; 37 A. urethralis; 39 A. perinealis ventralis; 40 A. rectalis caudalis; 41 R. scrotalis dorsalis; 42 A. penis; 43 A. bulbi penis; 44 A. profunda penis; 45 A. dorsalis penis

AORTA ABDOMINALIS

A. profunda femoris:

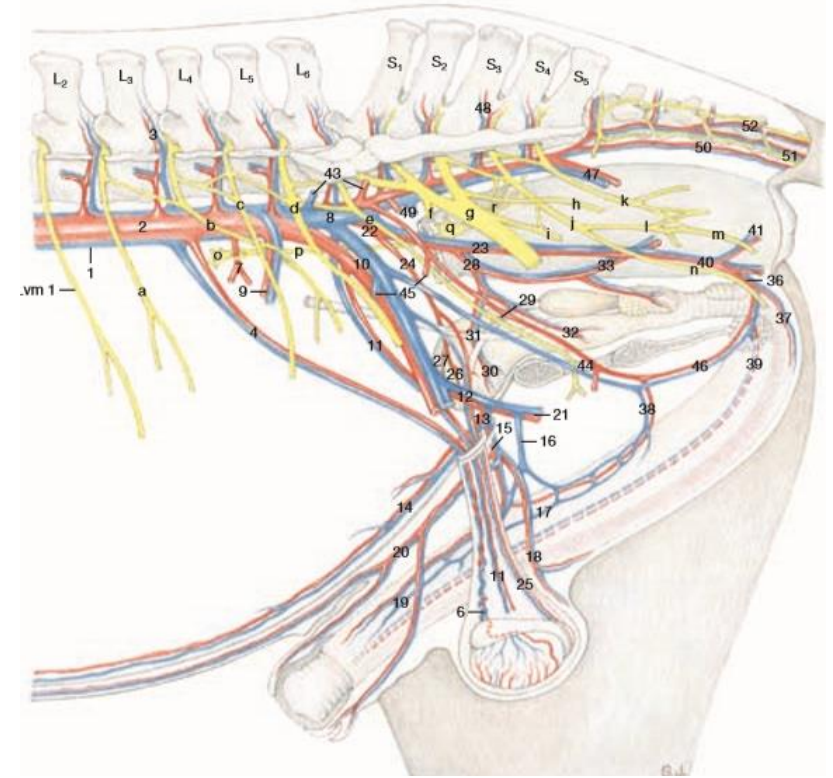
3. truncus pudendoepigastricus



- 1 Caudal vena cava
- 2 Abdominal aorta
- 3 Lumbar vessels
- 4 Ovarian or testicular vessels
- 5 Uterine branch
- 6 Pampiniform plexus
- 7 Caudal mesenteric artery
- 8 Common iliac vein
- 9 Deep circumflex iliac vessels
- 10 External iliac vessels
- 11 Uterine or cremasteric vessels
- 12 Deep femoral vessels
- 13 Pudendoepigastric arterial trunk and pudendoepigastric vein [middle mammary vein]
- 14 Caudal epigastric vessels
- 15 External pudendal vessels
- 16 Accessory ext. pudendal vein
- 17 Venous plexus of penis

- 18 Ventral labial (scrotal) arterial branch and v. [caudal mammary vessels]
- 19 Cranial vessels of penis
- 20 Caudal supf. epigastric vessels [cranial mammary vessels]
- 21 Medial circumflex femoral vessels
- 22 Internal iliac vessels
- 23 Internal pudendal vessels
- 24 Umbilical artery
- 25 Vessels of deferent duct
- 26 Cranial vesical artery
- 27 Round ligament of bladder
- 28 Vaginal or prostatic artery
- 29 Uterine branch or branch to deferent duct
- 30 Caudal vesical vessels
- 31 Ureteric branches
- 32 Urethral branches
- 33 Middle rectal vessels
- 34 Vestibular branch
- 35 Vessels of the vestibular bulb
- 36 Vessels of the penis
- 37 Vessels of the bulb of the penis

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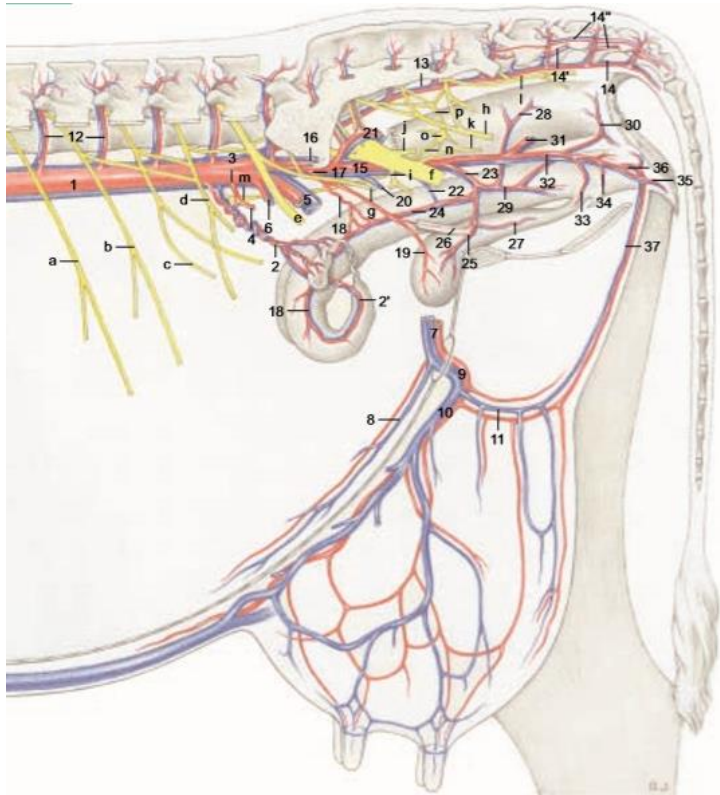
- 35 Vessels of the vestibular bulb
- 36 Vessels of the penis
- 37 Vessels of the bulb of the penis
- 38 Dorsal vessels of the penis (clitoris)
- 39 Deep vessels of the penis (clitoris)
- 40 Ventral perineal vessels
- 41 Caudal rectal vessels
- 42 Dorsal labial branches
- 43 Iliolumbar vessels
- 44 Obturator vessels
- 45 Iliacofemoral vessels
- 46 Middle vessels of the penis (clitoris)
- 47 Caudal gluteal vessels
- 48 Sacral branches
- 49 Cranial gluteal vessels
- 50 Median caudal vessels
- 51 Ventrolateral caudal vessels
- 52 Dorsolateral caudal vessels

- a Ilioinguinal nerve (L2)
- b Genitofemoral nerve
- c Lateral cutaneous femoral nerve
- d Femoral nerve
- e Obturator nerve
- f Cranial gluteal nerve
- g Sciatic nerve
- h Caudal gluteal nerve
- i Caudal cutaneous femoral nerve
- j Pudendal nerve
- k Caudal rectal nerves
- l Deep perineal nerve
- m Supf. perineal nerve
- n Dorsal nerve of penis (clitoris)
- o Caudal mesenteric ganglion
- p Hypogastric nerve
- q Pelvic plexus
- r Pelvic nerves

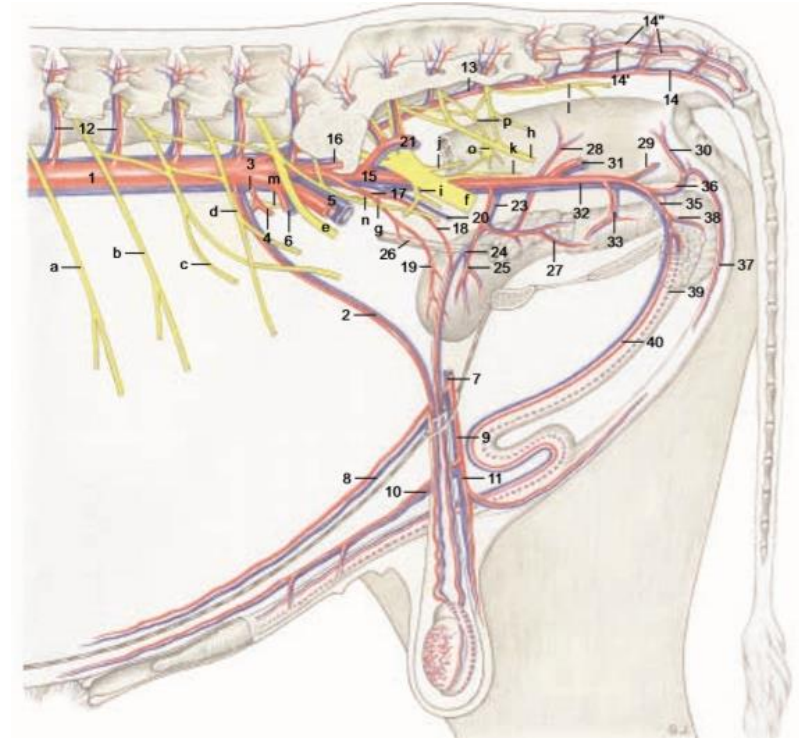
AORTA ABDOMINALIS

A. profunda femoris:

3. truncus pudendoepigastricus



- 1 Abd. aorta and caud. vena cava
- 2 Ovarian or testicular a. and v.
- 2' Uterine br.
- 3 Caud. mesenteric a. and v.
- 4 Cran. rectal a. and v.
- 5 Ext. iliac a. and v.
- 6 Deep circumflex iliac a. and v.
- 7 Pudendoepigastric trunk and v.
- 8 Caud. epigastric a. and v.
- 9 Ext. pudendal a. and v.
- 10 Caud. supf. epigastric a. and v.
(Cran. mammary a. and v.)
- 11 Caud. mammary a. and v. or
Ventr. scrotal br. and v.
- 12 Lumber aa. and vv.
- 13 Median sacral a. and v.
- 14 Median caud. a. and v.
- 14' Ventrolat. caudal a. and v.
- 14" Dorsolat. caudal a. and v.
- 15 Int. iliac a. and v.
- 16 Iliolumbar a. and v.
- 17 Umbilical a.
- 18 Uterine a. or a. of ductus deferens
- 19 Cran. vesical a.
- 20 Obturator v.
- 21 Cran. gluteal a. and v.
- 22 Accessory vaginal v.
- 23 Vaginal or prostatic a. and v.
- 24 Uterine br. and v. or v. of ductus deferens
- 25 Caud. vesical a. and v.
- 26 Ureteric br.
- 27 Urethral br.
- 28 Middle rectal a. and v.
- 29 Dors. perineal a. and v.
- 30 Caud. rectal a. and v.
- 31 Caud. gluteal a. and v.
- 32 Int. pudendal a. and v.
- 33 Urethral a. and v.
- 34 Vestibular a. and v.
- 35 A. and v. of clitoris or penis
- 36 Ventr. perineal a. and v.
- 37 Ventr. labial v. and mammary br.
of ventr. or dors. perineal a.
In bull, br. and v. from ventr. perineal vessels
- 38 A. and v. of bulb of penis
- 39 Deep a. and v. of penis
- 40 Dors. a. and v. of penis



- a Iliohypogastric n.
- b Ilioinguinal n.
- c Genitofemoral n.
- d Lat. cut. femoral n.
- e Femoral n.
- f Sciatic n.
- g Obturator n.
- h Pudendal n.
- i Cran. gluteal n.
- j Caud. gluteal n.
- k Caud. cut. femoral n.
- l Caud. rectal nn.
- m Caudal mesenteric plexus
- n Hypogastric n.
- o Pelvic plexus
- p Pelvic n.

bo

AORTA ABDOMINALIS

A. profunda femoris:

3. truncus pudendoepigastricus:

I. A. epigastrica caudalis:

- az anulus inguinalis prof. caudális szélénél lép ki
- craniális irányban halad
- a rectus hüvely dorsális falába lép - anasztomizál az a. epigastrica cran. – sal a köldök magasságában

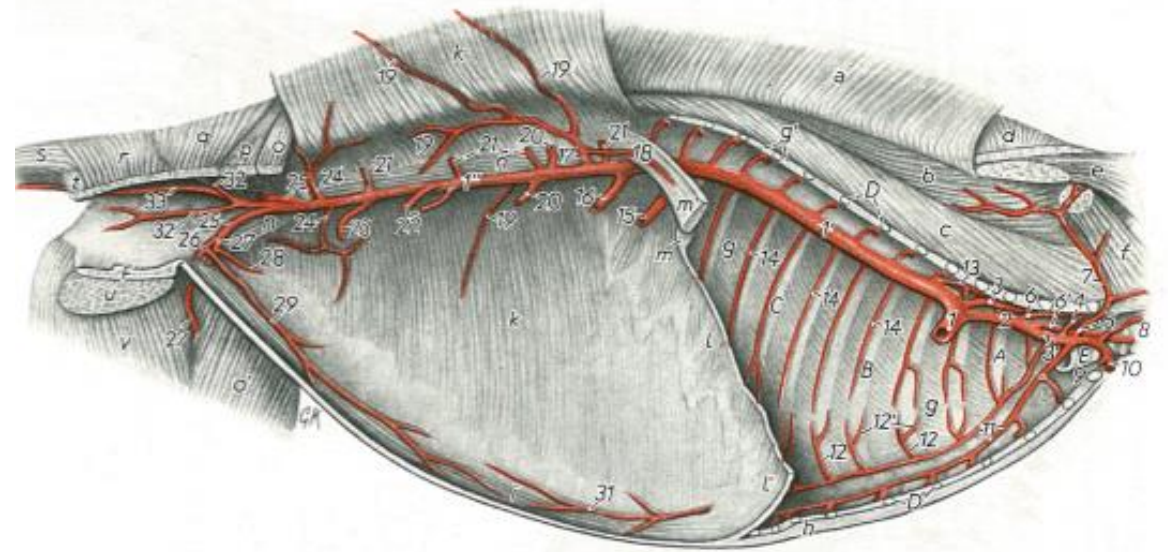


Abb. 91. Aortenaufstellung und Arterien der Körperwand einer Katze. Ansicht von rechts und ventromedial.
(Nach Oppitz, 1961, Diss., Hannover.)

29. A. epigastrica caud.

31. A. epigastrica cran.

AORTA ABDOMINALIS

A. profunda femoris:

3. truncus pudendoepigastricus:

II. A . pudenda externa:

- a canalis inguinálison áthalad és belép a regio inguinális-ba

leadja:

1. a. epigastrica caudalis superficialis – craniálisan

2. r. scrotalis ventralis seu r. labialis ventralis

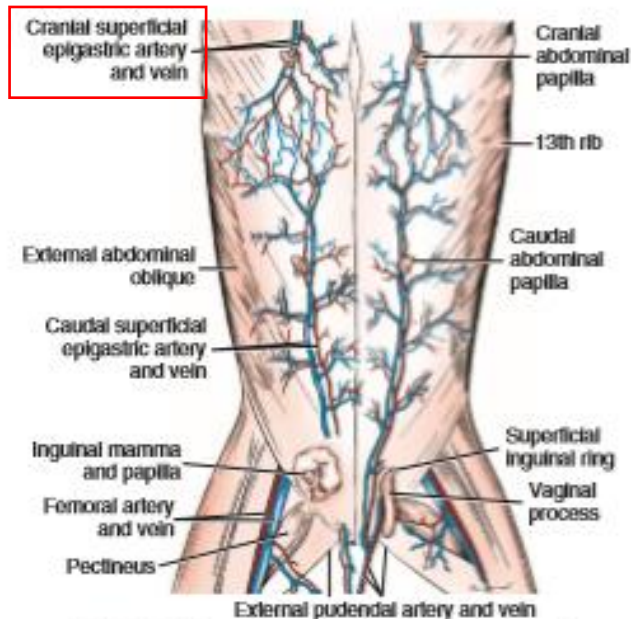


FIGURE 11-63 Superficial vessels of the abdomen, ventral aspect.

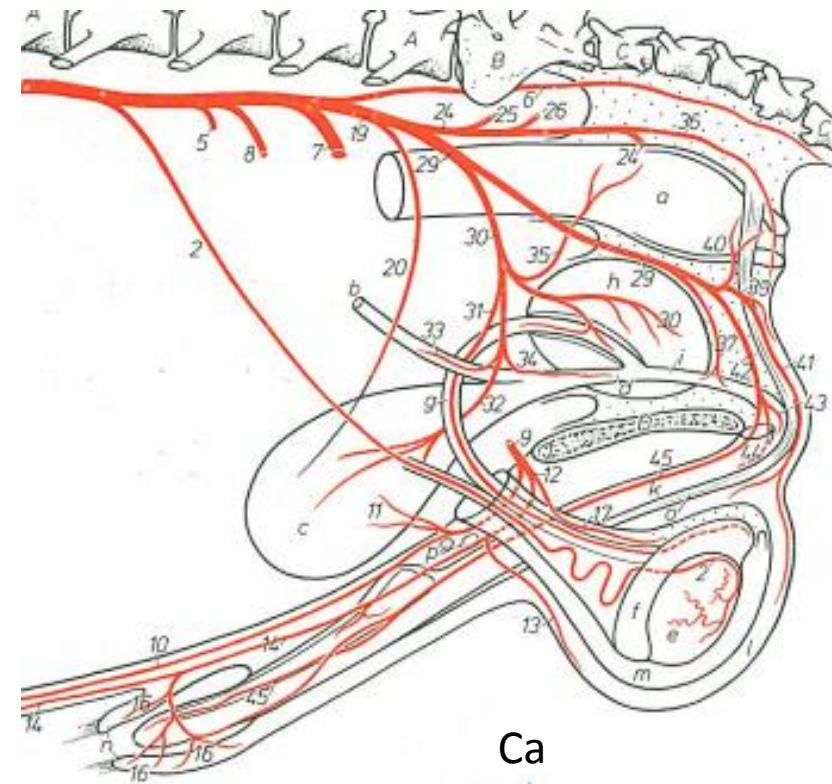


Abb. 136, 137, 138, 139. Arterien der Organe der Beckenhöhle vom männlichen Hund, Schwein, Rind und Pferd. Halbschematisch. (In Anlehnung an ACKERNECHT, 1943.)

A Vertebrae lumbales; B Os sacrum; C Vertebrae caudales; D Symphysis pelvis

a Rectum; b Ureter; c Vesica urinaria; d Urethra; e Testis; f Epididymis; g Ductus deferens; h Gl. prostatica; h' Gl. vesiculosa; h'' Gl. bulbourethralis; i Can. urogenitalis; k Penis; l Scrotum; m Proc. vaginalis; n Praeputium; o M. retractor penis; p Lnn. inguinales superficiales

1 Aorta abdominalis; 2 A. testicularis; 5 A. mesenterica caudalis; 6 A. sacralis mediana, außer beim Pferd, in die A. caudalis mediana übergehend; 7 A.

iliaca externa; 8 A. circumflexa ilium profunda; 9 Truncus pudendoepigastricus; 10 A. epigastrica caudalis; 11 A. vesicalis media; 12 A. pudenda externa; 13 R. scrotalis ventralis; 14 A. epigastrica caudalis superficialis; 16 Rr. praeputiales; 17 A. cremasterica; 18 A. penis cranialis; 19 A. iliaca interna; 20 A. umbilicalis; 21 A. ductus deferentis; 22 R. uretericus; 23 A. vesicalis cranialis; 24 A. glutea caudalis; 25 A. iliolumbalis; 26 A. glutea cranialis; 27 A. obturatoria; 28 A. penis media; 29 A. pudenda interna; 30 A. prostatica; 31 R. ductus deferentis bzw. beim Hd. A. ductus deferentis; 32 A. vesicalis caudalis; 33 R. uretericus; 34 R. urethralis; 35 A. rectalis media; 37 A. urethralis; 39 A. perinealis ventralis; 40 A. rectalis caudalis; 41 R. scrotalis dorsalis; 42 A. penis; 43 A. bulbi penis; 44 A. profunda penis; 45 A. dorsalis penis

AORTA ABDOMINALIS

A. profunda femoris:

3. truncus pudendoepigastricus:

II. A. pudenda externa:

leadja:

- a. penis cranialis

- a. mammaria caudalis

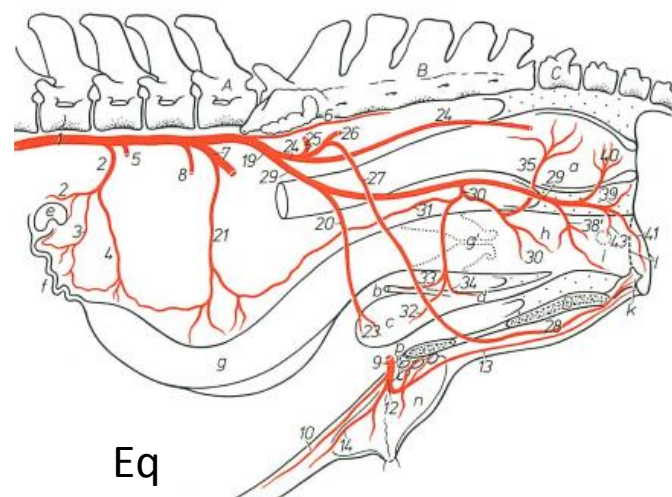
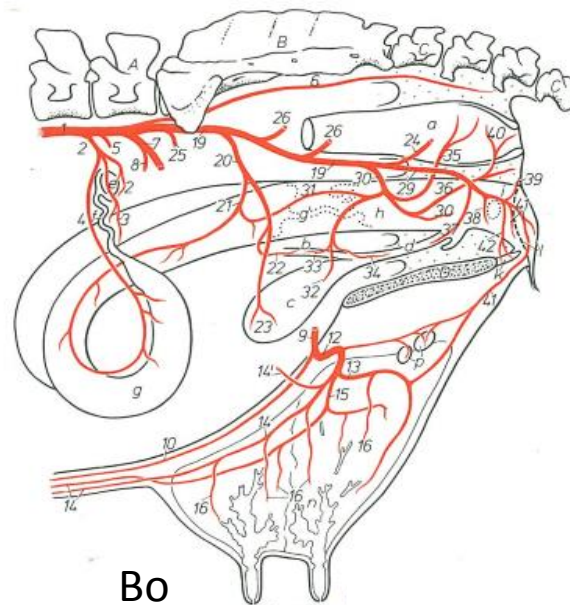
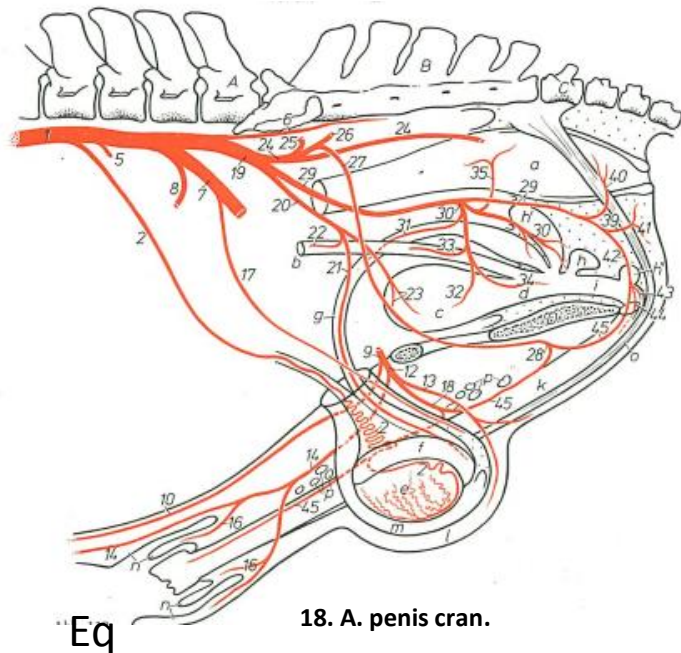


Abb. 140, 141, 142, 143. Arterien der Organe der Beckenhöhle vom weiblichen *Hund, Schwein, Rind und Pferd*. Halbschematisch. (In Anlehnung an ACKERKNECHT, 1943.)

A Vertebrae lumbales; B Os sacrum; C Vertebrae caudales; D Symphysis pelvis

a Rectum; b Ureter; c Vesica urinaria; d Urethra; e Ovar; f Tuba uterina; g Uterus; g' Cervix uteri; h Vagina; i Vestibulum vaginae; k Clitoris; l Vulva; m Proc. vaginalis; n Mamma; p Lnn. inguinales superficiales

1 Aorta abdominalis; 2 A. ovarica; 3 R. tubarius; 4 R. uterinus; 5 A. mesenterica caudalis; 6 A. sacralis mediana, außer beim *Pfd.* in die A. caudalis mediana übergehend;

7 A. iliaca externa; 8 A. circumflexa ilium profunda; 9 Truncus pudendoepigastricus; 10 A. epigastrica caudalis; 11 A. vesicalis media; 12 A. pudenda externa; 13 R. labialis ventralis [A. mammaria caudalis (*H'dk., Pfd.*)]; 14 A. epigastrica caudalis superficialis [A. mammaria cranialis (*H'dk., Pfd.*)]; 14' Anastomose des R. superficialis der A. circumflexa ilium profunda; 15 A. mammaria medialis; 16 R. mammarii; 19 A. itaca interna; 20 A. umbilicalis;

21 A. uterina; 22 R. uretericus; 23 A. vesicalis cranialis; 24 A. glutaeca caudalis; 25 A. ilioumbalis; 26 A. glutaeca cranialis; 27 A. obturatoria; 28 A. clitoridis media; 29 A. pudenda interna; 30 A. vaginalis; 31 R. uterinus bzw. beim *H'd.* A. uterina; 32 A. vesicalis caudalis; 33 R. uretericus; 34 R. urethralis; 35 A. rectalis media; 36 A. perinealis dorsalis; 37 A. urethralis; 38 A. vestibularis; 38' R. vestibularis; 39 A. perinealis ventralis; 40 A. rectalis caudalis; 41 R. labialis dorsalis bzw. R. labialis dorsalis et mammarius; 42 A. clitoridis; 43 A. bulbi vestibuli; 44 A. profunda clitoridis; 45 A. dorsalis clitoridis

AORTA ABDOMINALIS

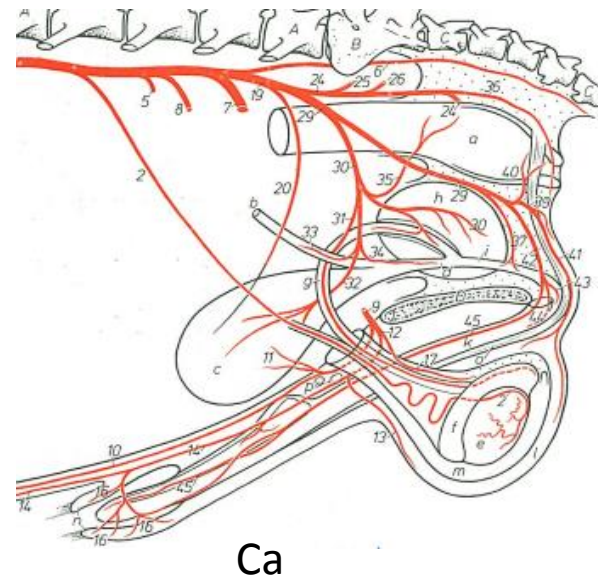
II. A . pudenda externa:

A. epigastrica caudalis superficialis:

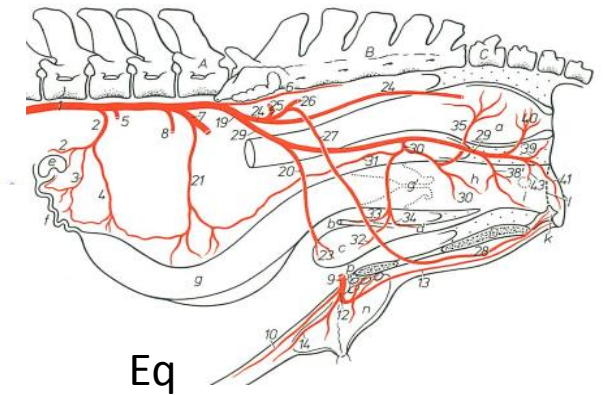
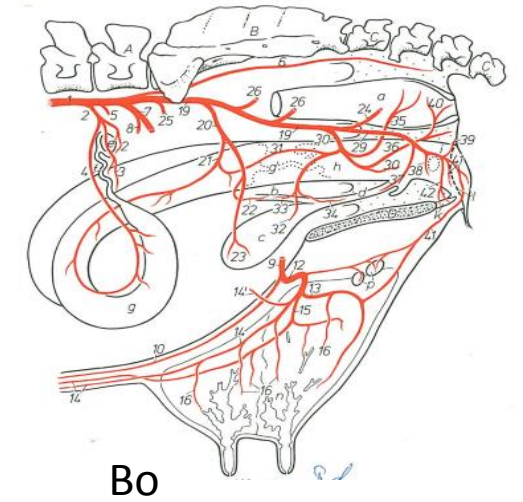
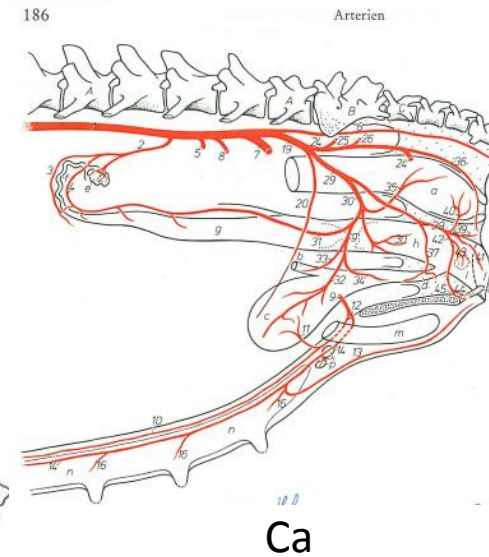
- felületesen halad a rectus hüvellyel párhuzamosan a köldök irányában
- ellátja a hasfal bőrét, izmait
- húsevőben anasztomizál az a. epigastrica cran. - sal

ágai:

- rr. preputialis
- rr. mammarii - emlőmirigyekhez
- a. mamma cranialis - tőgyhöz



14. A. epigastrica caud. superfic.
16. Rr. preputialis



14. A. epigastrica caud. superfic.
16. Rr. mammarii

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

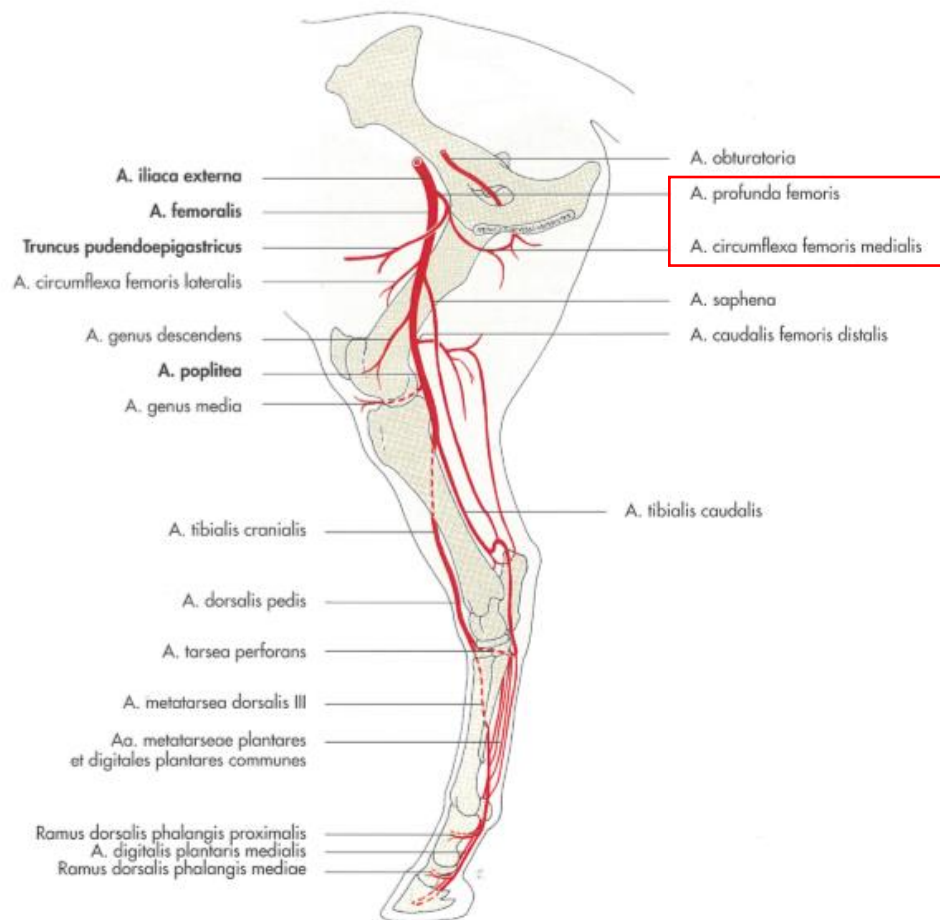
ARTERIA CIRCUMFLEXA FEMORIS MEDIALIS:

- a. profunda femoris ága
- a mm. adductores – ektől craniálisan

leadja:

1. r. acetabularis – incisura acetabulin áthalad - csípőízülethez
2. r. obturatorius – foramen obturatumon a mm. obturatorii - hoz
3. r. profundus
4. r. ascendens – tuber ischiadicumhoz, adduktorokhoz, csípő és combizmokhoz
5. r. transversus – a m. obturatorius ext. és a m. quadratus femoris között

- anasztomózis az a. circumflexa femoris lat. – al, lóban az a. iliofemoralis-sal



HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

- az a. iliaca ext. egyenes folytatása
- a v. femoralistól craniálisan halad a canalis femoralisban
- a femurt mediálisan keresztezi
- a m. vastus medialis mentén halad
- a m. adductor mentén a fossa popliteába tér
- a m. gastrocnemius fejei között az a. popliteában folytatódik

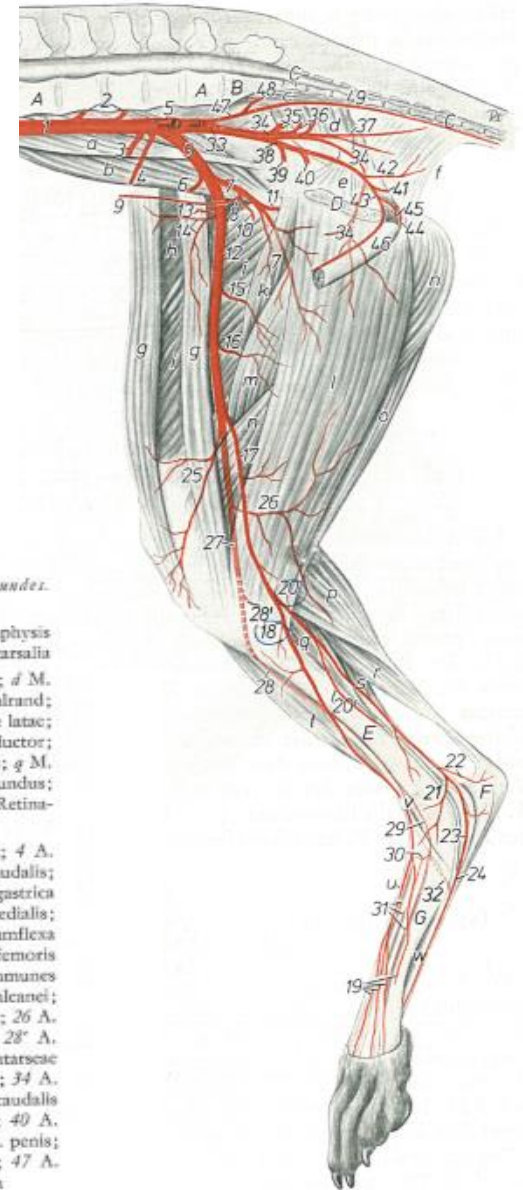


Abb. 110. Arterien der rechten Beckengliedmaße eines Hundes. Medialansicht. (Umgezeichnet nach MARTIN, 1915.)

A Vertebrae lumbales; B Os sacrum; C Vertebrae caudales; D Symphysis pelvina mit Peniswurzel; E Tibia; F Tuber calcanei; G Ossa metatarsalia
a M. psoas minor; *b* M. iliopsoas; *c* Mm. sacrocaudales ventrales; *d* M. gluteus medius; *e* M. obturatorius internus; *f* M. coccygeus, Kaudalrand; *g* M. sartorius, Pars cranialis und Pars caudalis; *h* M. tensor fasciae latae; *i* M. quadriceps femoris; *k* M. pectineus; *l* M. gracilis; *m* M. adductor; *n* M. semimembranosus; *o* M. semitendinosus; *p* M. gastrocnemius; *q* M. popliteus; *r* M. flexor digitalis superficialis; *s* M. flexor digitalis profundus; *t* M. tibialis cranialis; *u* Sehne des M. extensor digitalis longus; *v* Retinaculum extensorum; *w* Mm. interossei

1 Aorta abdominalis; 2 Aa. lumbales; 3 A. mesenterica caudalis; 4 A. circumflexa ilium profunda; 5 A. iliaca externa; 6 A. abdominalis caudalis; 7 A. profunda femoris; 8 Truncus pudendoepigastricus; 9 A. epigastrica caudalis; 10 A. pudenda externa; 11 A. circumflexa femoris medialis; 12 A. femoralis; 13 A. circumflexa femoris superficialis; 14 A. circumflexa femoris lateralis; 15 A. caudalis femoris proximalis; 16 A. caudalis femoris media; 17 A. saphena; 18 R. cranialis; 19 Aa. digitales dorsales communes I-IV; 20 R. caudalis von 17; 21 Rr. malleolares mediales; 22 Rr. calcanei; 23 A. plantaris medialis; 24 R. profundus; 25 A. genus descendens; 26 A. caudalis femoris distalis; 27 A. poplitea; 28 A. tibialis cranialis; 28^{*} A. tibialis caudalis; 29 A. dorsalis pedis; 30 A. arcuata; 31 Aa. metatarsae dorsales II-IV; 32 R. perforans proximalis II; 33 A. iliaca interna; 34 A. glutea caudalis; 35 A. iliolumbalis; 36 A. glutea cranialis; 37 A. caudalis lateralis superficialis; 38 A. pudenda interna; 39 A. umbilicalis; 40 A. prostatica; 41 A. perinealis ventralis; 42 A. rectalis caudalis; 43 A. penis; 44 A. bulbi penis; 45 A. profunda penis; 46 A. dorsalis penis; 47 A. sacralis mediana; 48 R. sacralis; 49 A. caudalis mediana

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

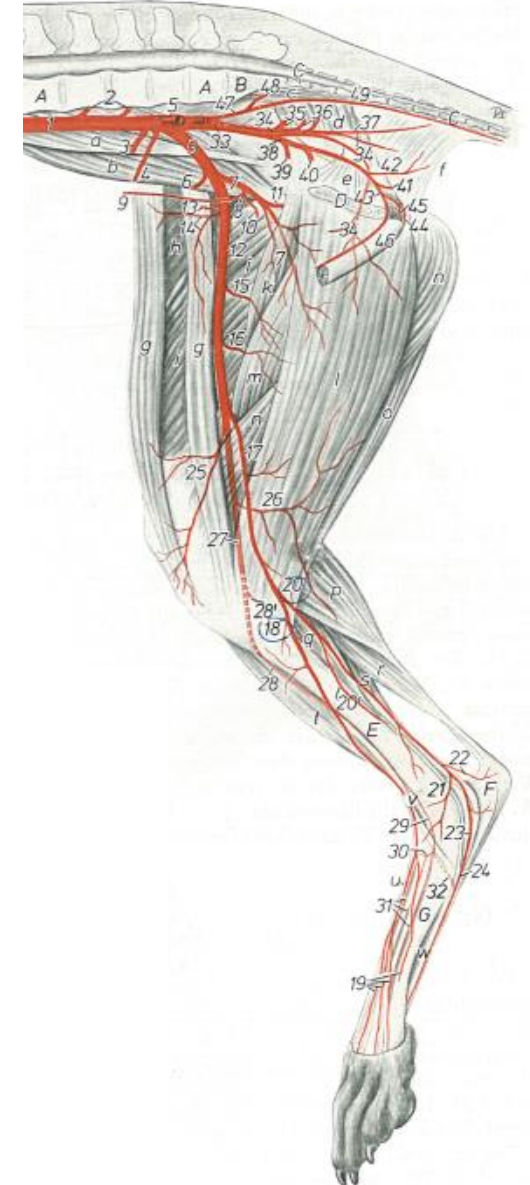
ágai:

1. a. circumflexa ilium superfic. húsevőknél a medence bemenet előtt
 2. a. circumflexa femoris lat.
 3. a. saphena
 4. a. genus descendens
 5. a. caudalis femoris prox.
 6. a. caudalis femoris media
 7. a. caudalis femoris dist.
- húsevőknél a canalis femoralisban az a. femoralis tapintható – pulzus vizsgálat

Abb. 110. Arterien der rechten Beckengliedmaße eines Hundes. Medialansicht. (Umgezeichnet nach MARXIS, 1915.)

A Vertebrae lumbales; B Os sacrum; C Vertebrae caudales; D Symphysis pelvina mit Peniswurzel; E Tibia; F Tuber calcanei; G Ossa metatarsalia
 a M. psoas minor; b M. iliopsoas; c Mm. sacrocaudales ventrales; d M. glutaeus medius; e M. obturatorius internus; f M. coccygeus, Kaudalrand; g M. sartorius, Pars cranialis und Pars caudalis; h M. tensor fasciae latae; i M. quadriceps femoris; k M. pectineus; l M. gracilis; m M. adductor; n M. semimembranosus; o M. semitendinosus; p M. gastrocnemius; q M. popliteus; r M. flexor digitalis superficialis; s M. flexor digitalis profundus; t M. tibialis cranialis; u Sehne des M. extensor digitalis longus; v Retinaculum extensorum; w Mm. interossei

1 Aorta abdominalis; 2 Aa. lumbales; 3 A. mesenterica caudalis; 4 A. circumflexa ilium profunda; 5 A. iliaca externa; 6 A. abdominalis caudalis; 7 A. profunda femoris; 8 Truncus pudendoepigastrius; 9 A. epigastrica caudalis; 10 A. pudenda externa; 11 A. circumflexa femoris medialis; 12 A. femoralis; 13 A. circumflexa femoris superficialis; 14 A. circumflexa femoris lateralis; 15 A. caudalis femoris proximalis; 16 A. caudalis femoris media; 17 A. saphena; 18 R. cranialis; 19 Aa. digitales dorsales communes I-IV; 20 R. caudalis von 17; 21 Rr. malleolares mediales; 22 Rr. calcanei; 23 A. plantaris medialis; 24 R. profundus; 25 A. genus descendens; 26 A. caudalis femoris distalis; 27 A. poplitea; 28 A. tibialis cranialis; 29 A. tibialis caudalis; 29 A. dorsalis pedis; 30 A. arcuata; 31 Aa. metatarsae dorsales II-IV; 32 R. perforans proximalis II; 33 A. iliaca interna; 34 A. glutaea caudalis; 35 A. iliolumbalis; 36 A. glutaea cranialis; 37 A. caudalis lateralis superficialis; 38 A. pudenda interna; 39 A. umbilicalis; 40 A. prostatica; 41 A. perinealis ventralis; 42 A. rectalis caudalis; 43 A. penis; 44 A. bulbi penis; 45 A. profunda penis; 46 A. dorsalis penis; 47 A. sacralis mediana; 48 R. sacralis; 49 A. caudalis mediana



HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

1. A. circumflexa ilium superficialis:

- **csak húsevőkben**
- medence bemenete előtt lép ki
- a m. rectus femoris felett a m. tensor fasciae latae et m. sartorius között halad
- izomágakat ad le ezekhez az izmokhoz
- a spina iliaca ventrális (tuber coxae) - hoz tér
- más állatfajokban a spina iliaca ventr. seu tuber coxae körüli terület ellátását az a. circumflexa femoris lat. seu a. iliofemorális (lóban), és az a. circumflexa ilium prof. r. superfic. adja

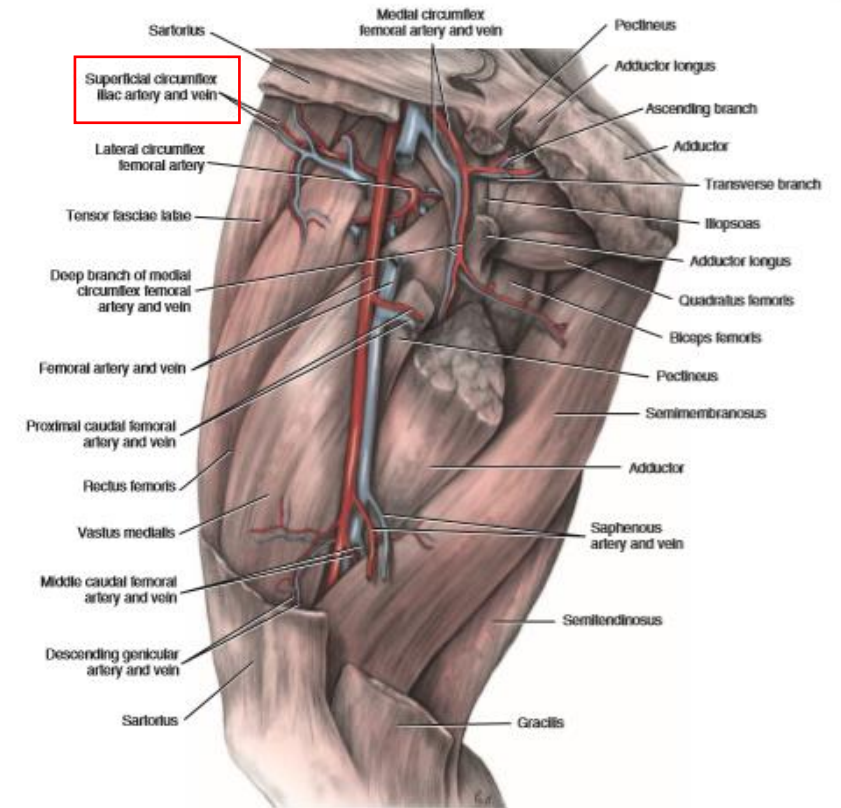


FIGURE 11-64 Arteries and veins of the thigh, deep dissection, medial aspect.

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

2. A. circumflexa femoris lateralis:

- a canalis femorálisban ered az a. femoralis - ból
- a m. vastus med. et m. rectus femoris között halad

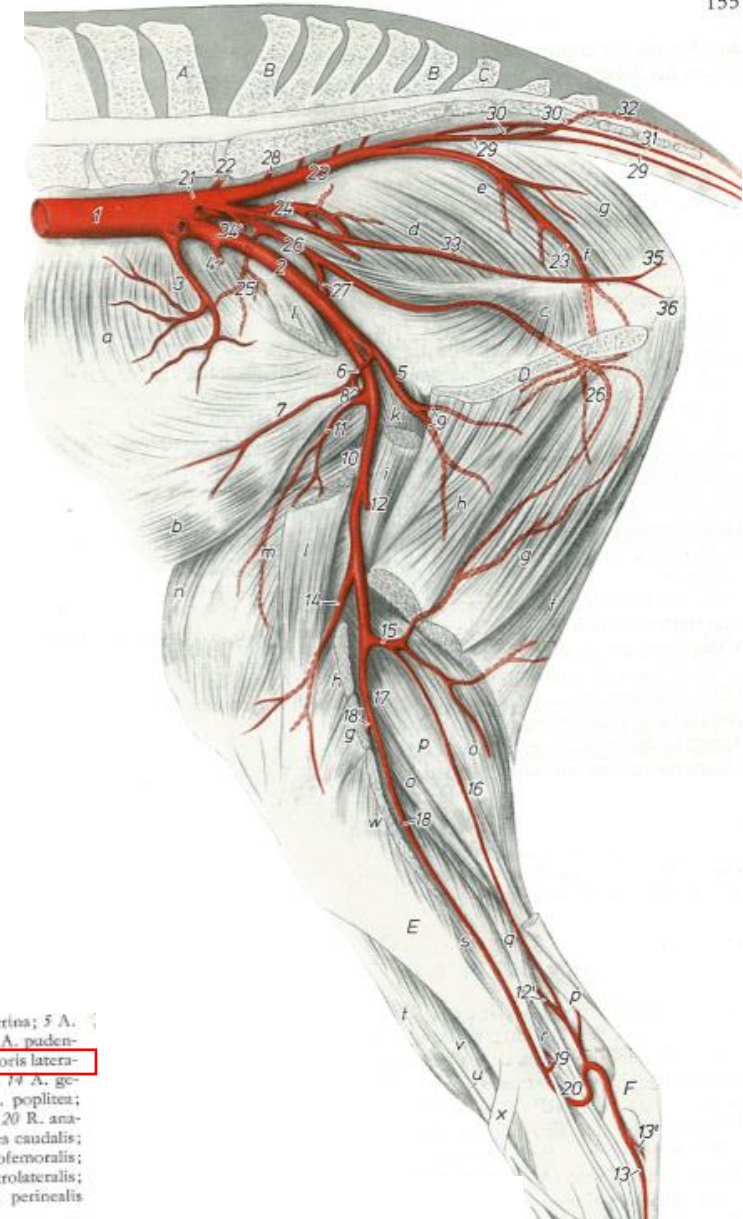
leadja:

1. r. ascendens (kivéve ló) – ellátja a m. iliopsoas – t és a mm. glutei - ket
2. r. descendens – a m. quadriceps femoris-hoz
3. r. transversus – a mm. vastus intermed. et lat. - hoz

Abb. 114. Arterien der rechten Beckengliedmaße eines Pferdes. Medialansicht.
(Nach MARTIN, 1915.)

A Vertebra lumbalis VI; B Os sacrum; C Vertebra caudalis I; D Symphysis pelvina; E Tibia; F Calcaneus; G Os metatarsale III
a M. transversus abdominis; b M. rectus abdominis; c M. obturatorius internus; d M. gluteus medius; e M. biceps femoris; f M. semitendinosus; g M. semimembranosus; h M. adductor; i M. pectineus; k M. iliacus; l M. sartorius; m M. vastus medialis; n M. rectus femoris; o M. gastrocnemius, Caput laterale; p M. flexor digitalis superficialis; q M. tibialis caudalis; r M. flexor hallucis longus; s M. flexor digitalis longus; t M. extensor digitalis longus; u M. fibularis tertius; v M. tibialis cranialis; w M. popliteus; x Retinaculum extensorum proximale; y Retinaculum extensorum distale

1 Aorta abdominalis; 2 A. iliaca externa; 3 A. circumflexa ilium profunda; 4 A. uterina; 5 A. profunda femoris; 6 Truncus pudendoepigastricus; 7 A. epigastrica caudalis; 8 A. pudenda externa; 9 A. circumflexa femoris medialis; 10 A. femoralis; 11 A. circumflexa femoris lateralis; 12 A. saphena; 12' R. caudalis; 13 A. plantaris medialis; 13' A. plantaris lateralis; 14 A. genu descendens; 15 A. caudalis femoris distalis; 16 A. comitans n. tibialis; 17 A. poplitea; 18 A. tibialis caudalis; 18' A. tibialis cranialis; 19 A. malleolaris caudalis lateralis; 20 R. anastomoticus mit der A. saphena; 21 A. iliaca interna; 22 A. lumbalis VI; 23 A. glutea caudalis; 24 A. glutea cranialis; 25 A. iliofemoralis; 26 A. obturatoria; 27 A. iliofemorialis; 28 Rr. sacrales; 29 A. caudalis mediana; 30 Rr. caudales; 31 A. caudalis ventrolateralis; 32 A. caudalis dorsolateralis; 33 A. pudenda interna; 34 A. umbilicalis; 35 A. perinealis ventralis; 36 A. bulbi vestibuli



HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

3. A. saphena:

- a canalis femorális distális végénél ered az a. femoralis - ból
- felületesen halad a v. saphena med. – al és a n. saphenus - sal a m. gracilis ina felett

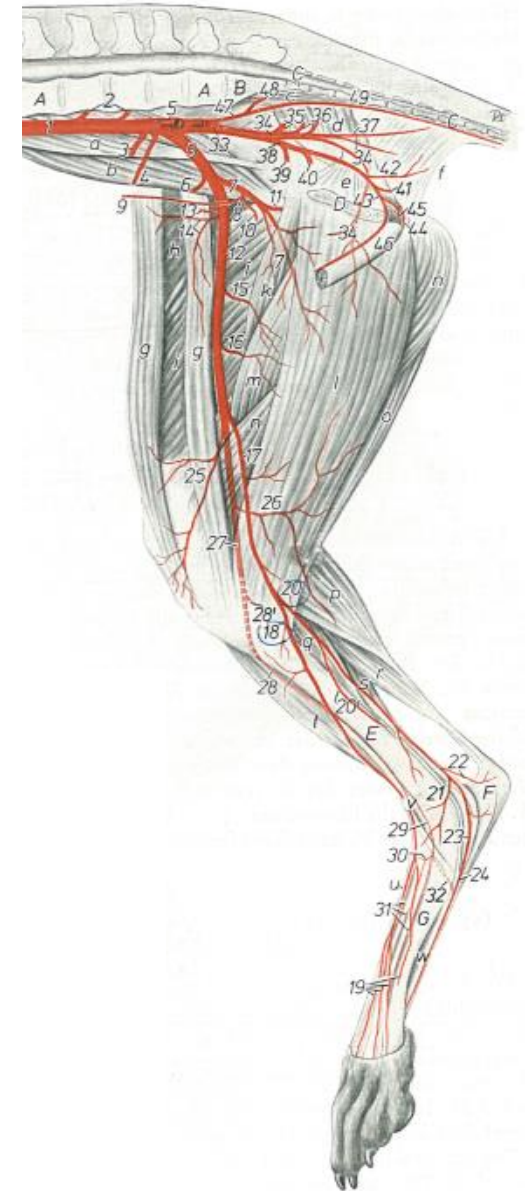
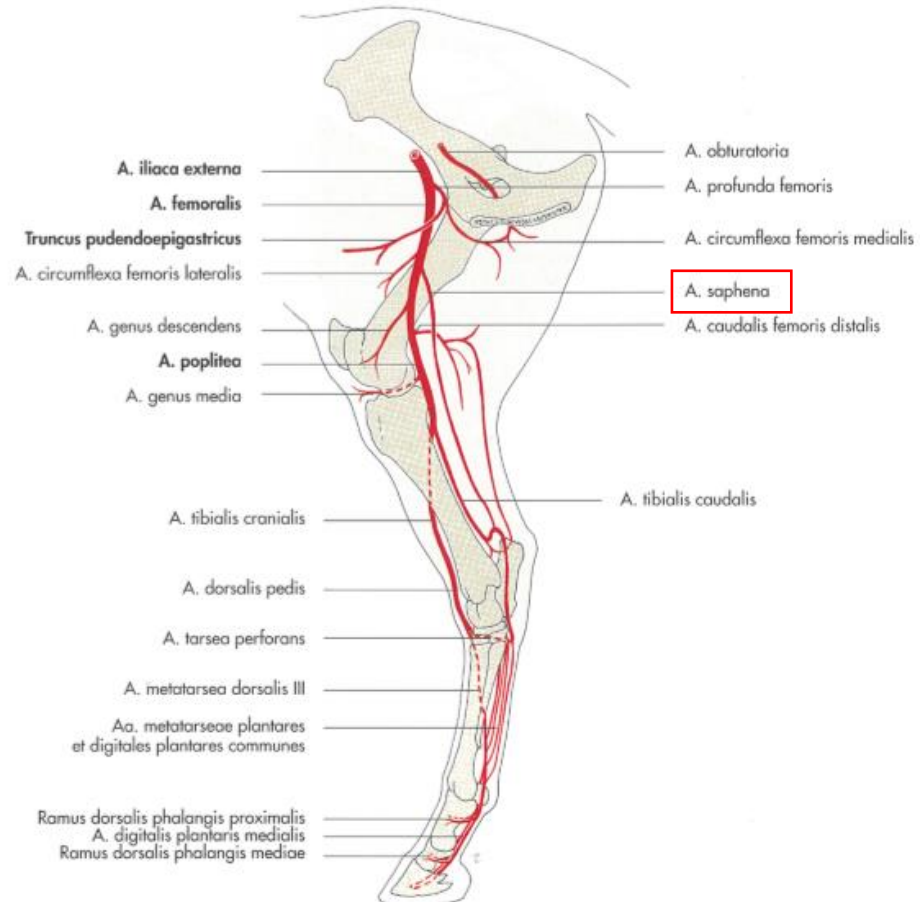
leadja:

1. r. cranialis – t

2. r. caudalis – t

a. kutyában a m. garcilis tapadásának magasságában

b. lóban a m. semitendinosus tapadásának magasságában



17. A. saphena

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

3. A. spahena:

a. r. cranialis:

- craniodistalis irányban halad, a tibiától mediálisan
- eléri a tarsális ízület hajlítóit
- lóban a tarsális ízület felett ér véget
- húsevőknél az a. tibialis cranialis r. superficialis felvétele után

az aa. digitales dorsales comm. - eket adja le

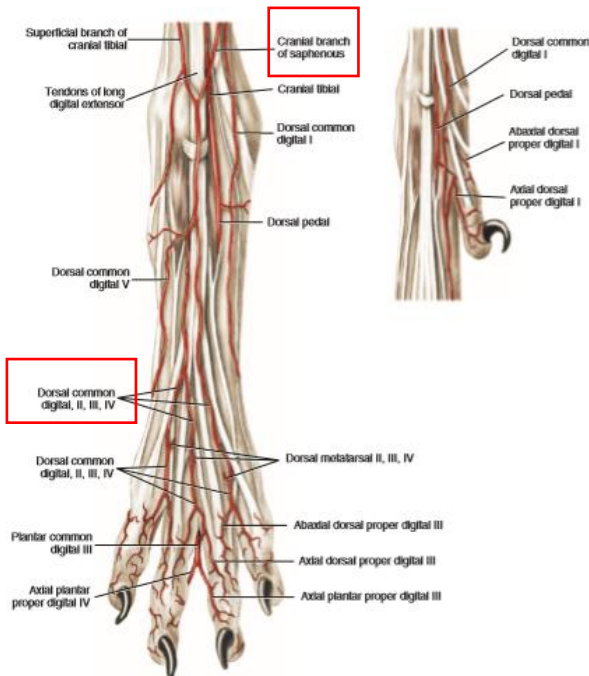


FIGURE 11-59 Arteries of the right hindpaw and first digit, dorsal aspect.

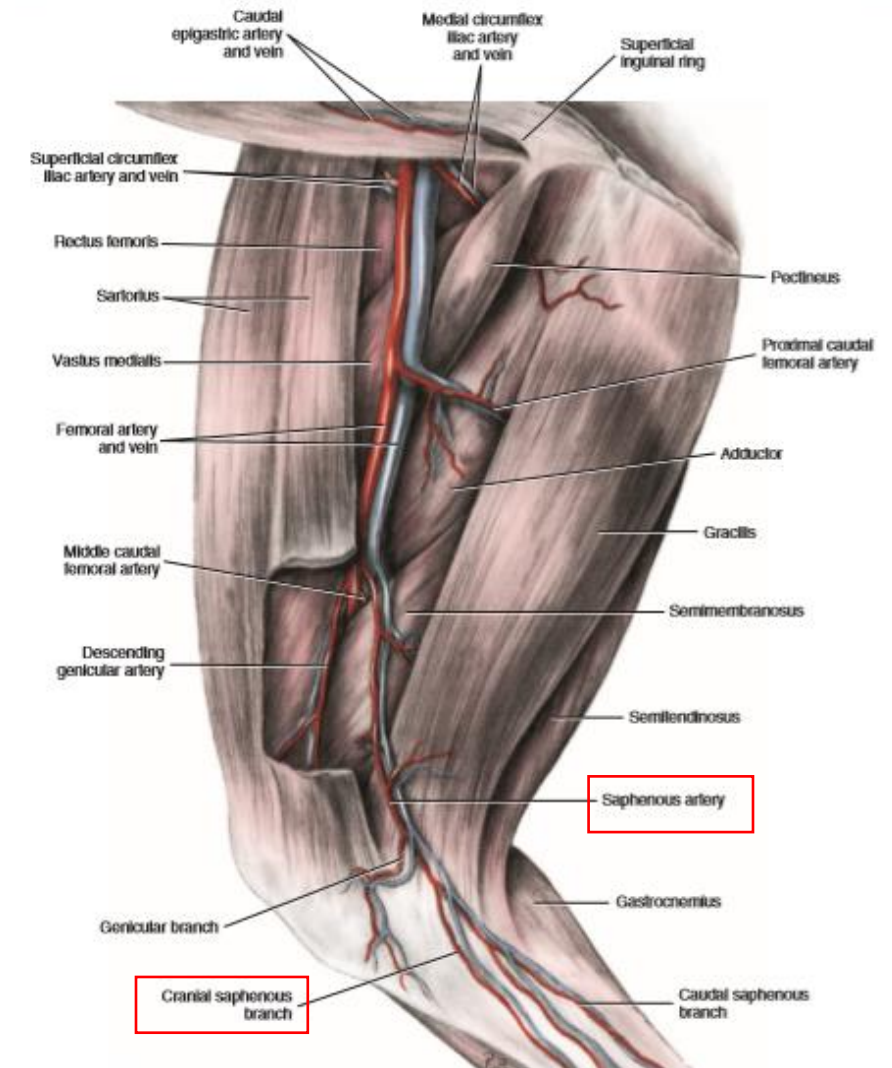


FIGURE 11-65 Arteries and veins of the thigh, superficial dissection, medial aspect.

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

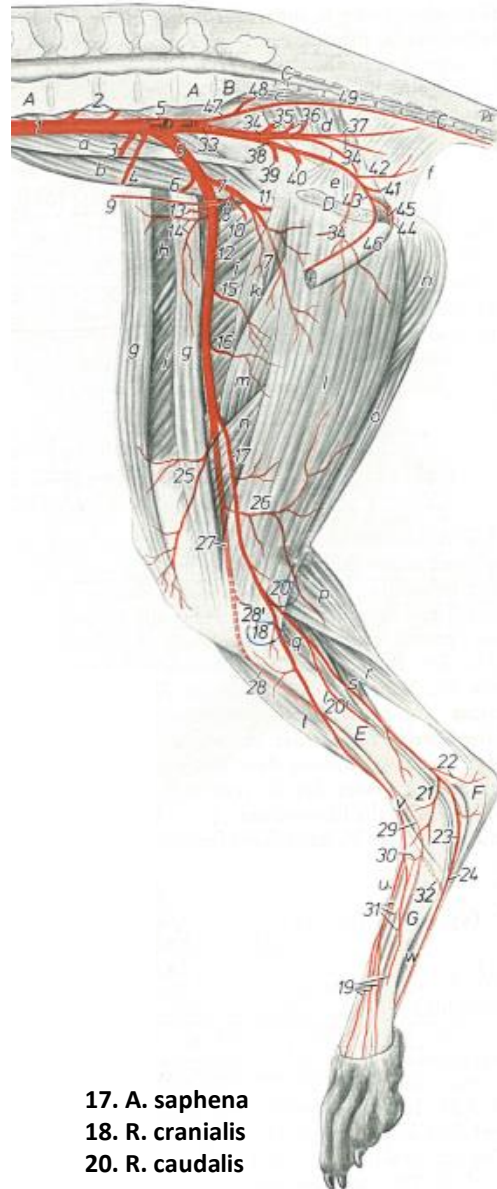
3. A. saphena:

b. r. caudalis:

- eléri a n. tibialis -t
- a sustentaculum tali felett halad

Arteria fibularis:

- húsevőben
- az a. saphena r. caudális eredésénél ered



17. A. saphena
18. R. cranialis
20. R. caudalis

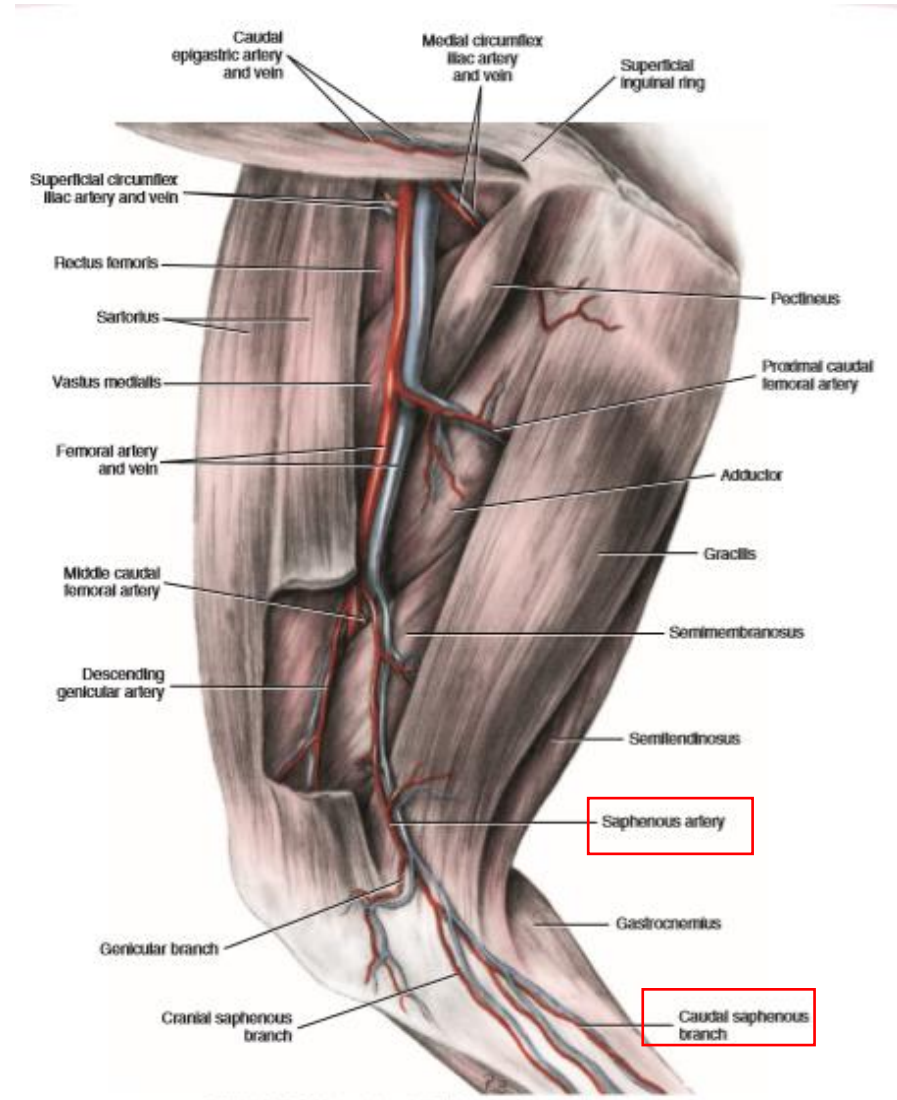


FIGURE 11-65 Arteries and veins of the thigh, superficial dissection, medial aspect.

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

3. A. spahena:

b. r. caudalis:

proximálisan az ugró ízület magasságában leadja (kivéve ló):

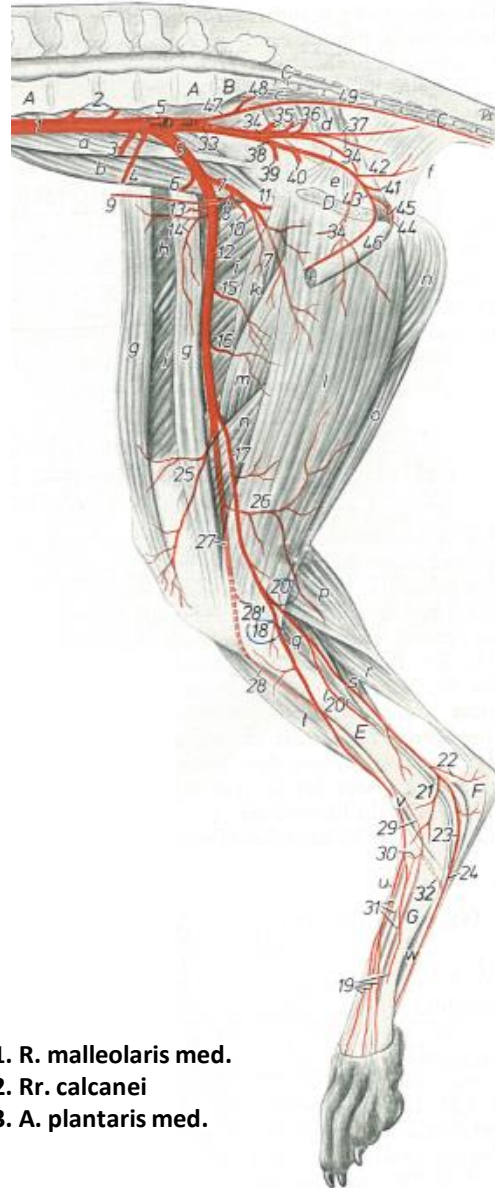
a. rr. malleolares med.

b. rr. calcanei - rete calcanei képzése

a tarsocrurális ízület magasságában adja le a végágait:

c. a. plantaris lat.

d. a. plantaris med.

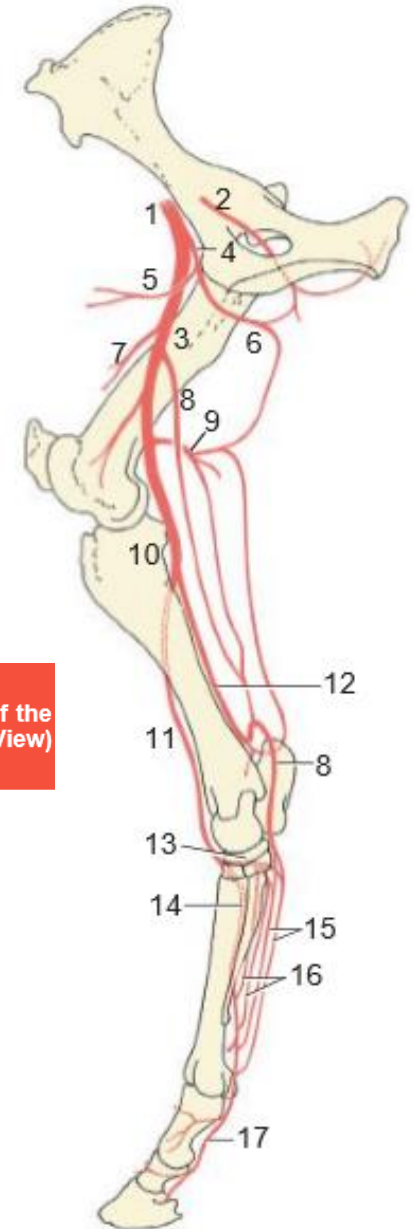


- 21. R. malleolaris med.
- 22. Rr. calcanei
- 23. A. plantaris med.



Equine: Principal Arteries of the Right Hind Limb (Medial View)

1. External iliac artery
2. Obturator artery
3. Femoral artery
4. Deep femoral artery
5. Pudendoepigastric trunk
6. Medial circumflex femoral artery
7. Lateral circumflex femoral artery
8. Saphenous artery
9. Caudal femoral artery
10. Popliteal artery
11. Cranial tibial artery
12. Caudal tibial artery
13. Perforating tarsal artery
14. Dorsal metatarsal artery
15. Medial and lateral plantar arteries
16. Medial and lateral plantar metatarsal arteries
17. Medial and lateral digital arteries



HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

3. A. saphena r. caudalis:

A. plantaris lat. et med.:

- arcus plantaris prof. képzése

oszlik:

1. r. superficialis - ra (kivéve ló)

2. r. profundus - ra

Arteries and Veins on the Distal Part of the Hindlimb

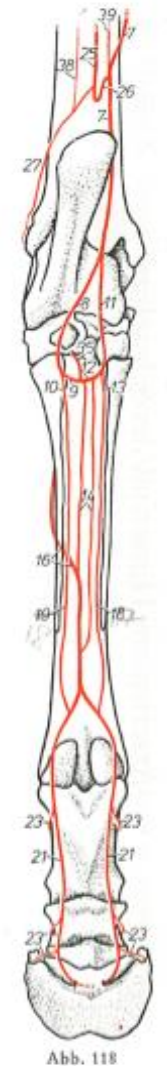
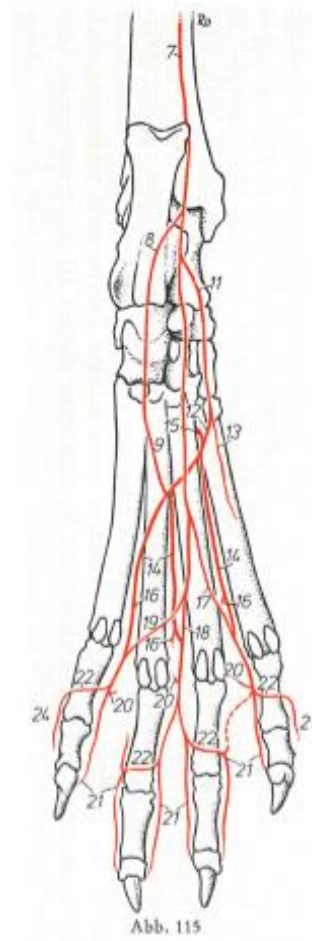
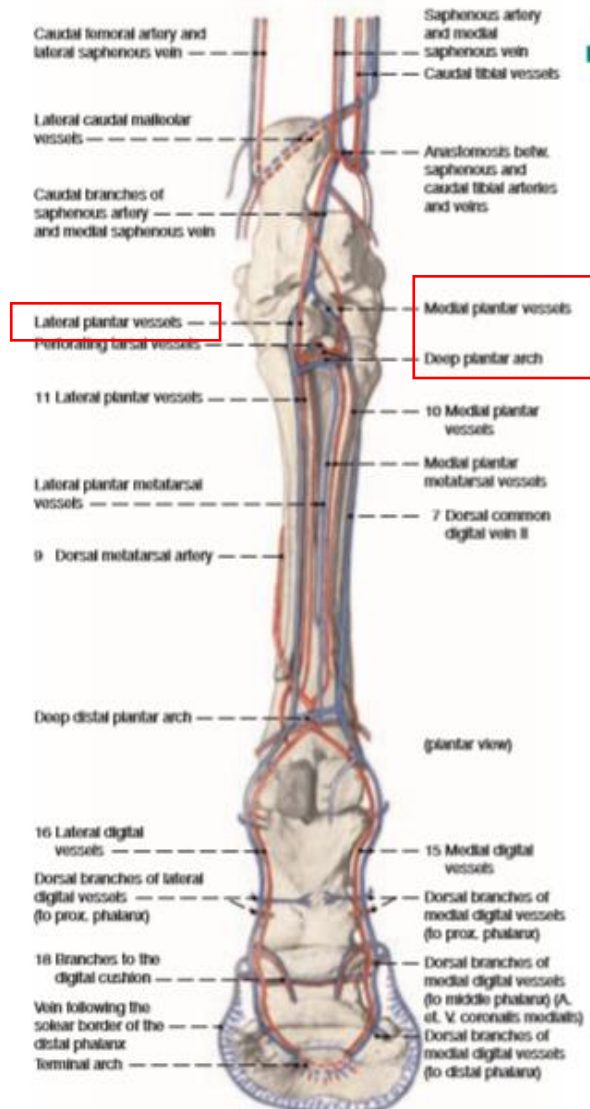


Abb. 115, 116, 117, 118, 119, 120, 121, 122. Arterien des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

Abb. 115—118: Plantarsicht, Abb. 119—122: Dorsalsicht.

1 R. cranialis der A. saphena; 2—5 Aa. digitales dorsales communes I-IV; 6 Aa. digitales dorsales propriae; 7 R. caudalis der A. saphena; 8 A. plantaris lateralis, 9 R. profundus, 10 R. superficialis; 11 A. plantaris medialis, 12 R. profundus; 13 R. superficialis; 9 und 12 Arcus plantaris profundus; 14 Aa. metatarsae plantares II-IV; 15 Rr. perforantes proximales; 16 Rr. perforantes distales; 17—19 Aa. digitales plantares communes I-IV; 20 Aa. interdigitales; 21 Aa. digitales plantares

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

4. A. genus descendens:

- az a. saphena leadása után az a. femoralis –ból ered
- húsevőben az a. saphenával együtt
- a m. quadriceps femoris mély részeihez ad le izom ágakat
- a m. vastus med. et m. semitendinosus között halad
- a m. sartorius mediálisan fedi
- a térd ízületéhez halad

ellátja:

- ❖ corpus adiposus infrapatellare
- ❖ térdízület
- ❖ patella

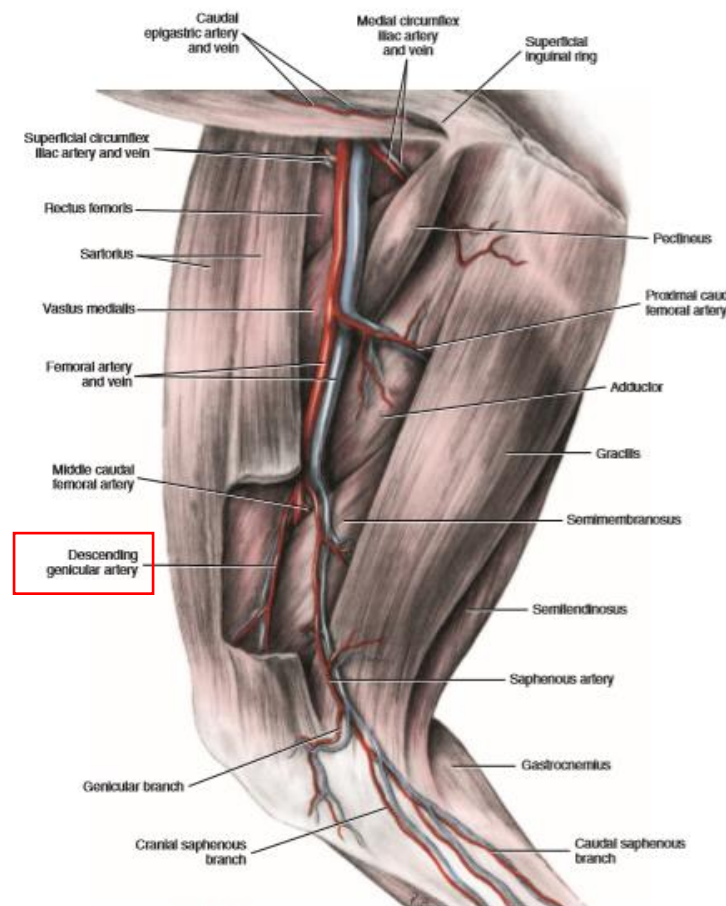
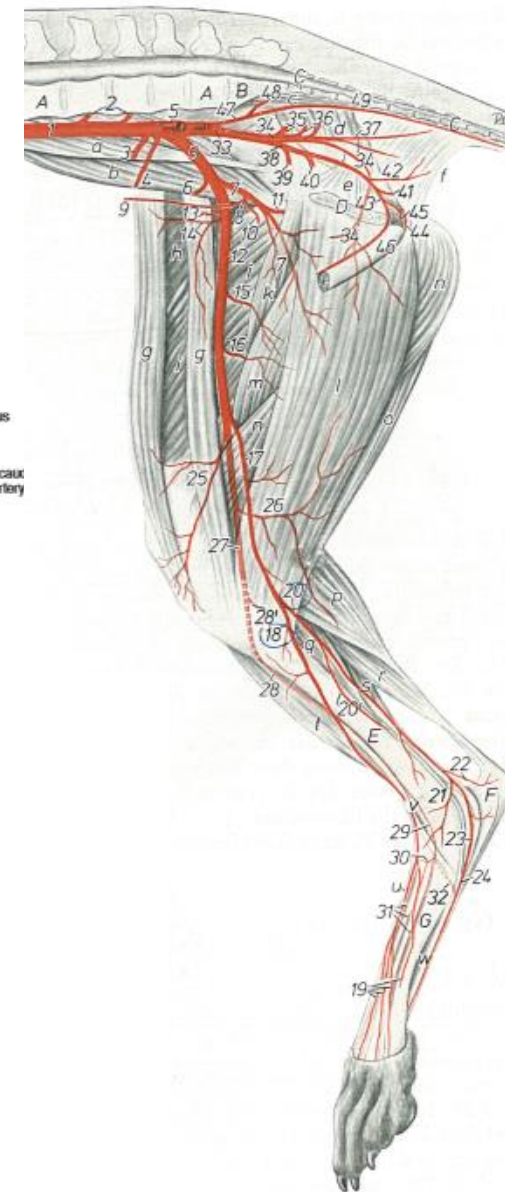


FIGURE 11-65 Arteries and veins of the thigh, superficial dissection, medial aspect.



HÁTSÓ VÉGTAG VÉRELLÁTÁSA

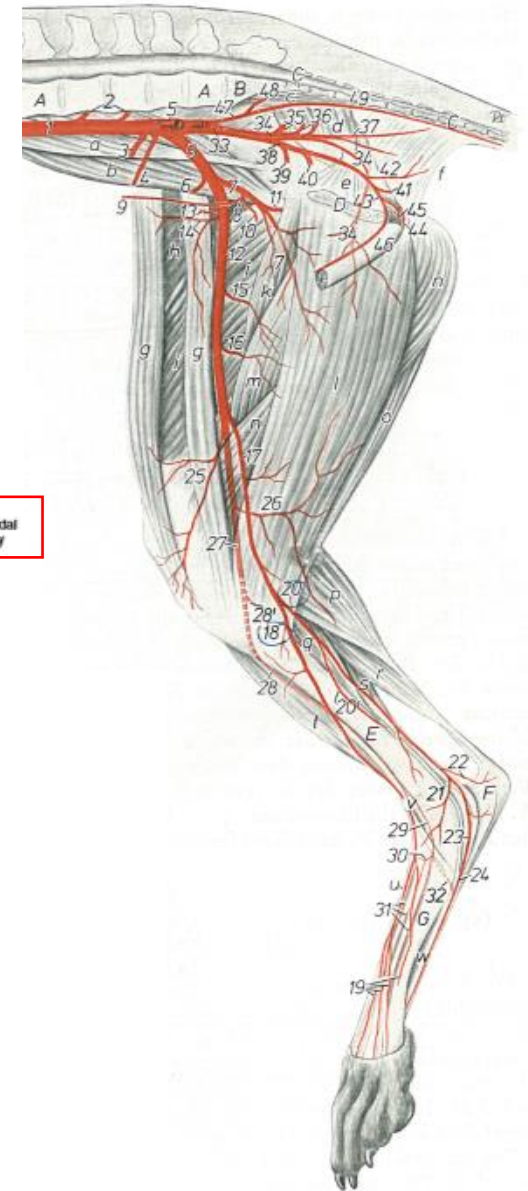
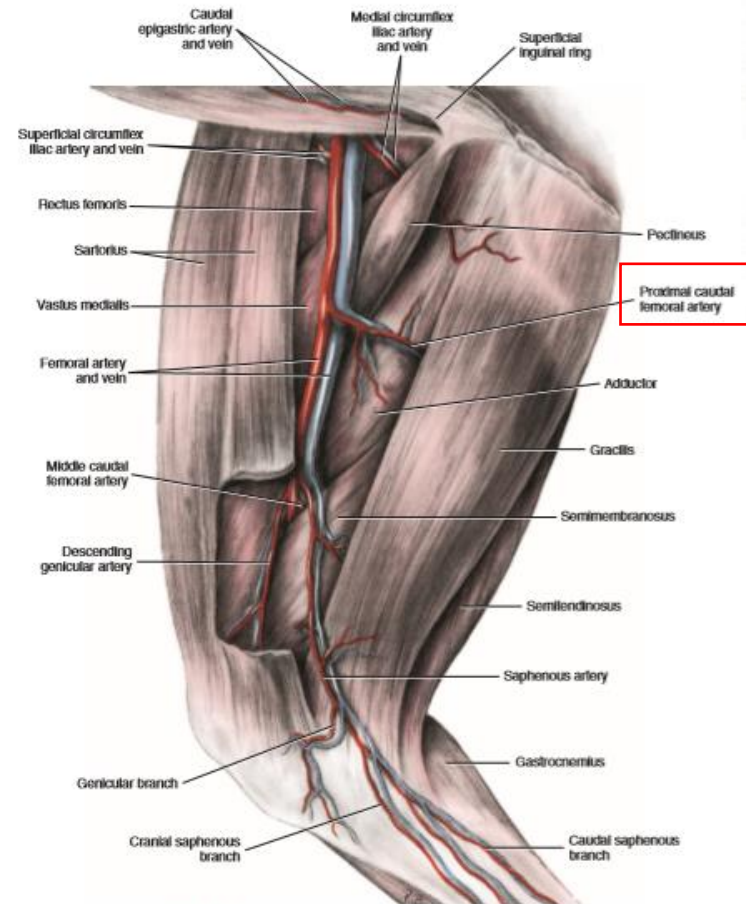
ARTERIA FEMORALIS:

5. A. caudalis femoris proximalis:

- erős izomág
- húsevőben az a. saphena előtt a comb csatornában ered
- mediálisan keresztezi a m. pectineus és a m. adductor izomhasát
- caudodistálisan halad
- a m. semimembranosusba lép

ellátja:

- ❖ m. gracilis
- ❖ m. pectineus
- ❖ m. adductor



15. A. caudalis femoris prox.

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

6. A. caudalis femoris media:

- erős izomág
- húsevőben az a. genus descendens - től distálisan

ellátja:

- ❖ m. gracilis
- ❖ m. adductor
- ❖ m. semimembranosus

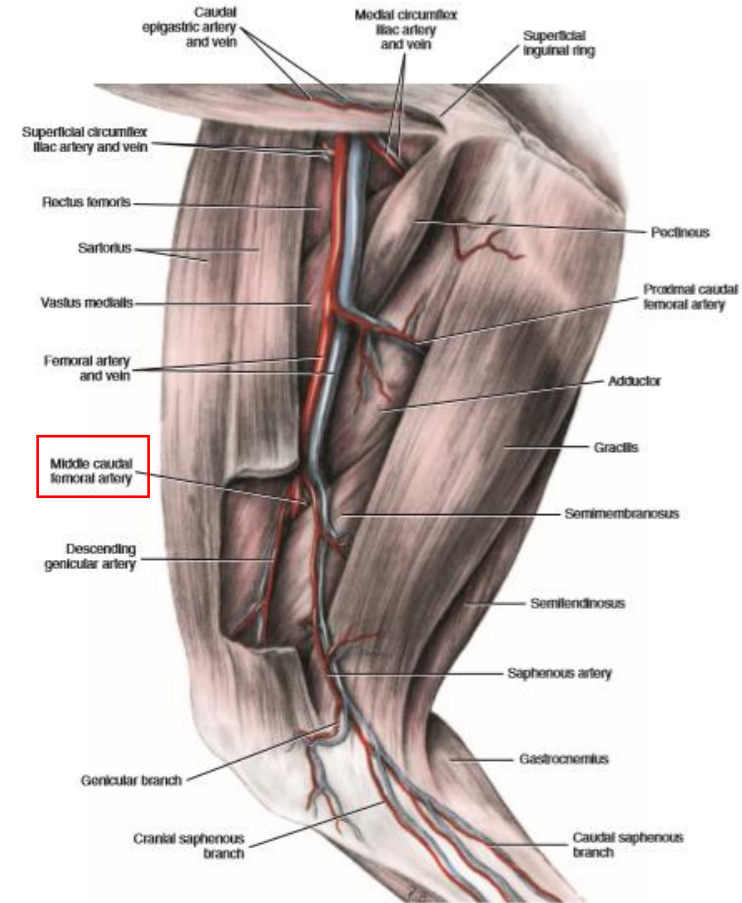
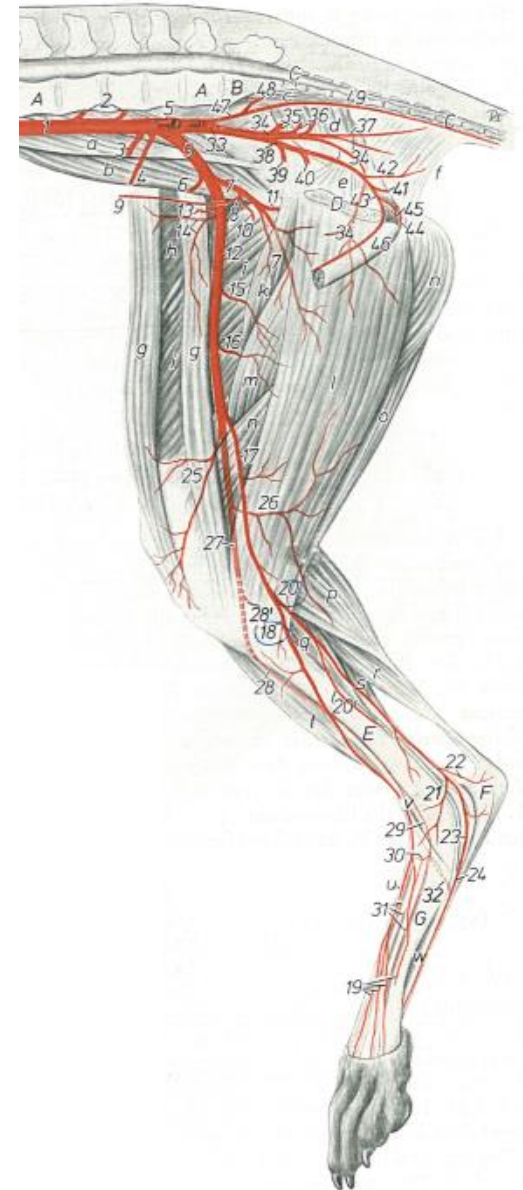


FIGURE 11-65 Arteries and veins of the thigh, superficial dissection, medial aspect.



16. A. caudalis femoris med.

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

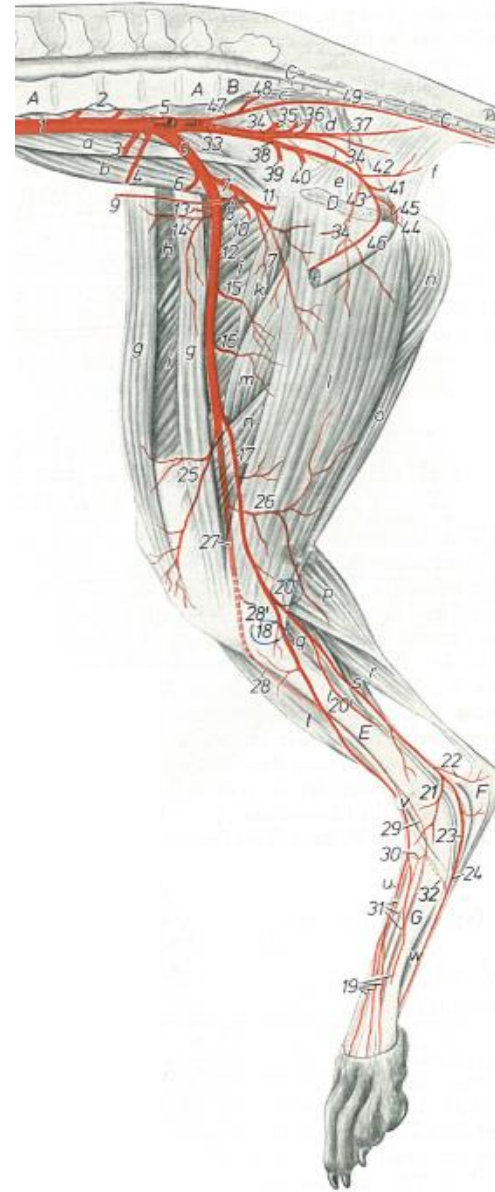
ARTERIA FEMORALIS:

7. A. caudalis femoris distalis:

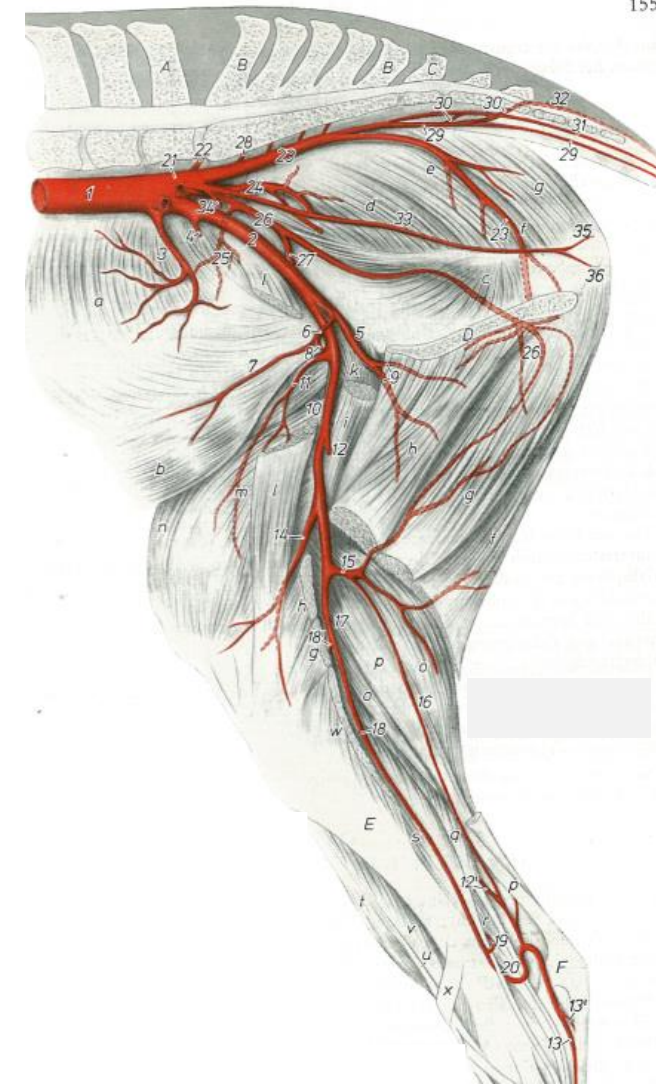
- a m. gastrocnemius caput lateráléja felett halad

ellátja:

- ❖ m. biceps femoris seu m. gluteobiceps
- ❖ Inn. poplitei profundi
- lóban leadja az a. comitans n. tibialis - t



28. A. caudalis femoris dist.



eq

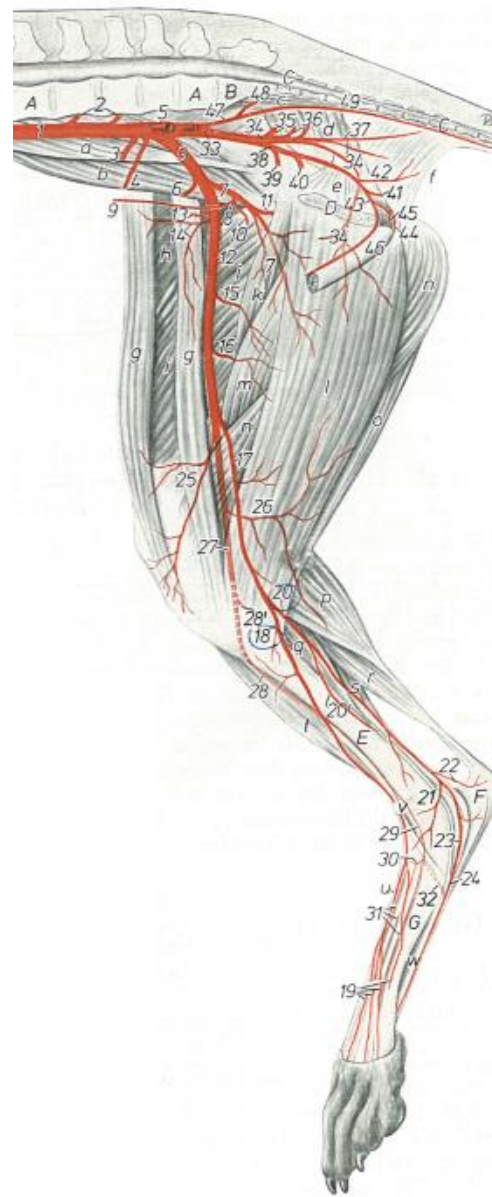
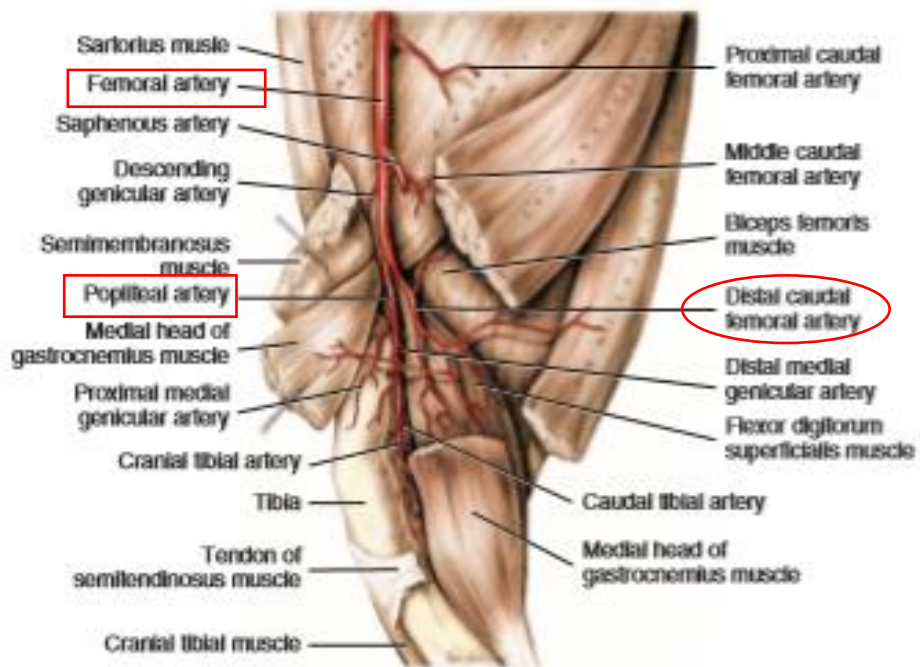
15. A. caudalis femoris dist.
16. A. comitans n. tibialis

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

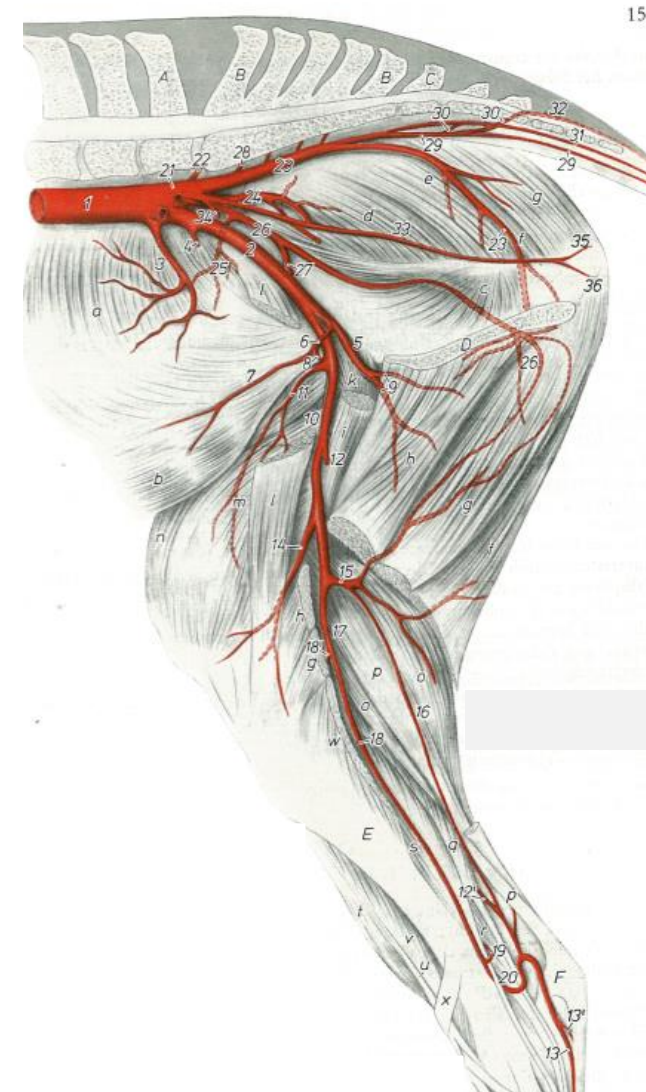
ARTERIA FEMORALIS:

8. A. poplitea:

- az a. femoralis ledaja az a. caudalis femoris dist. -t
- és után az a. popliteában folytatódik
- a m. gastrocnemius fejei között a fossa popliteában



27. A. poplitea



eq
17. A. poplitea

ARTERIEN DER BECKENGLIEDMAßE

ARTERIA FEMORALIS:

8. A. poplitea:

leadja:

a. térd artériákat:

- aa. genus distales lateralis et medialis
- a. genus media
- ezek az ágak, az a. genus desc. – el a rete articulare genus –t és a rete patellae – t képzí

b. a. tibialis caudalis

c. a. tibialis cranialis

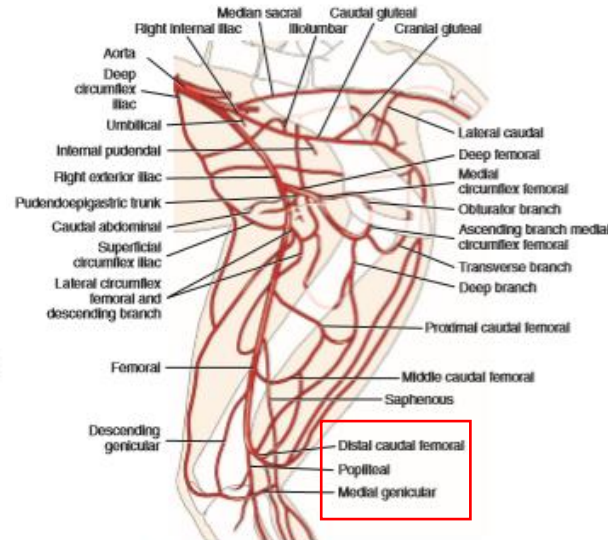
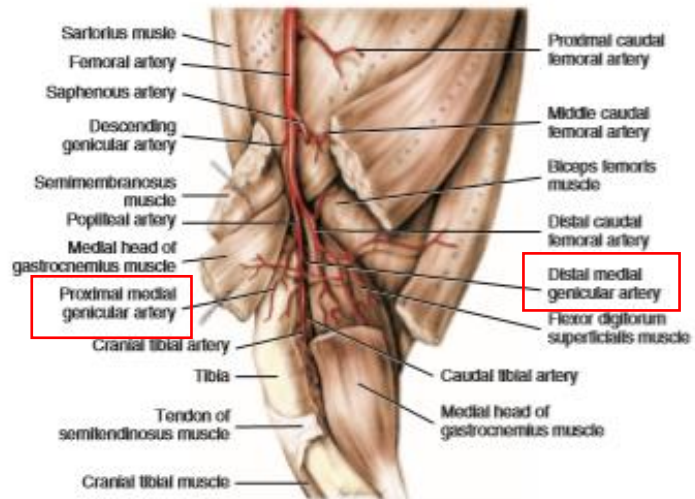
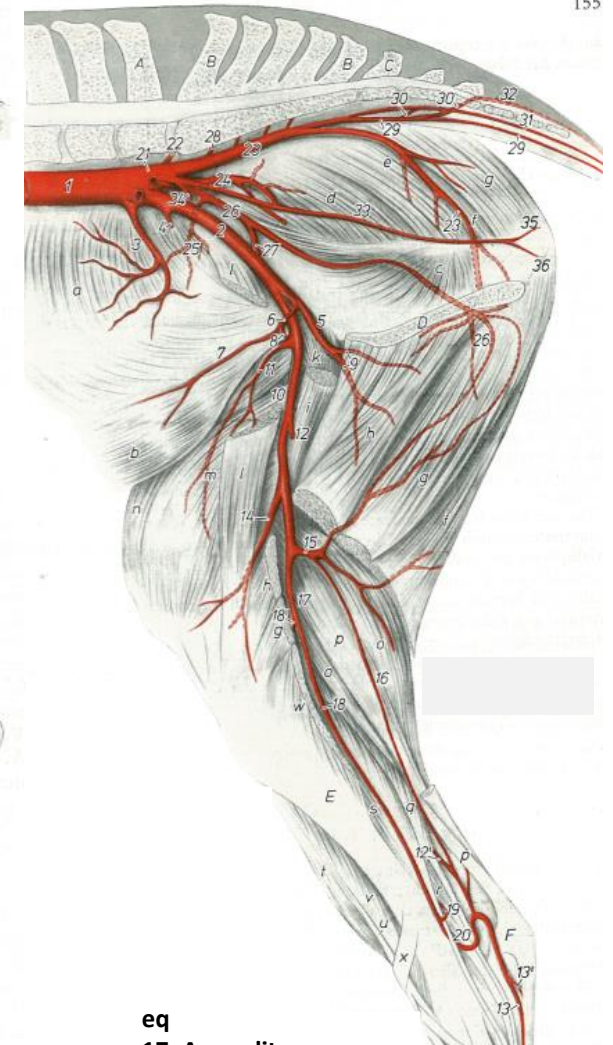


FIGURE 11-66 Diagram of the arteries of the pelvis and thigh, medial aspect.



27. A. poplitea
28. A. tibialis cran.
28'. A. tibialis caud.



eq
17. A. poplitea
18. A. tibialis caud.
18'. A. tibialis cran.

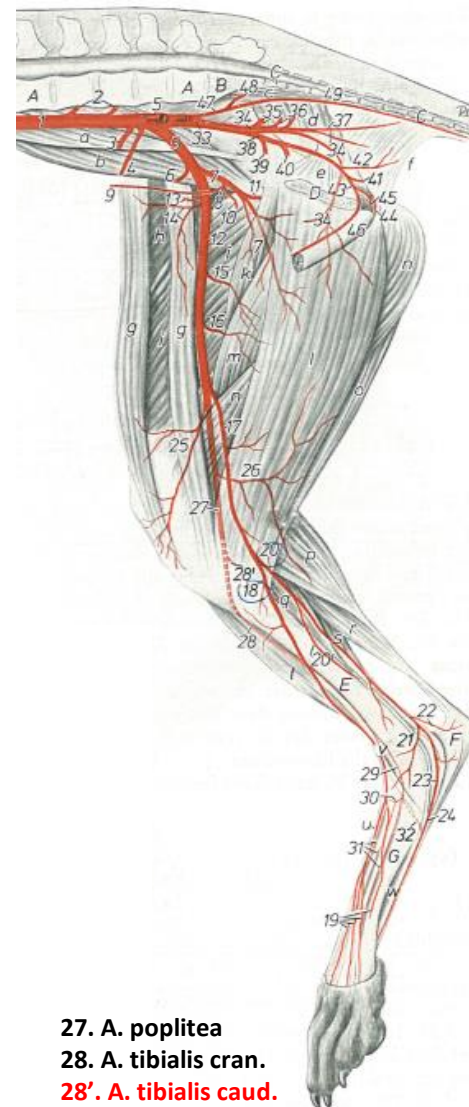
HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

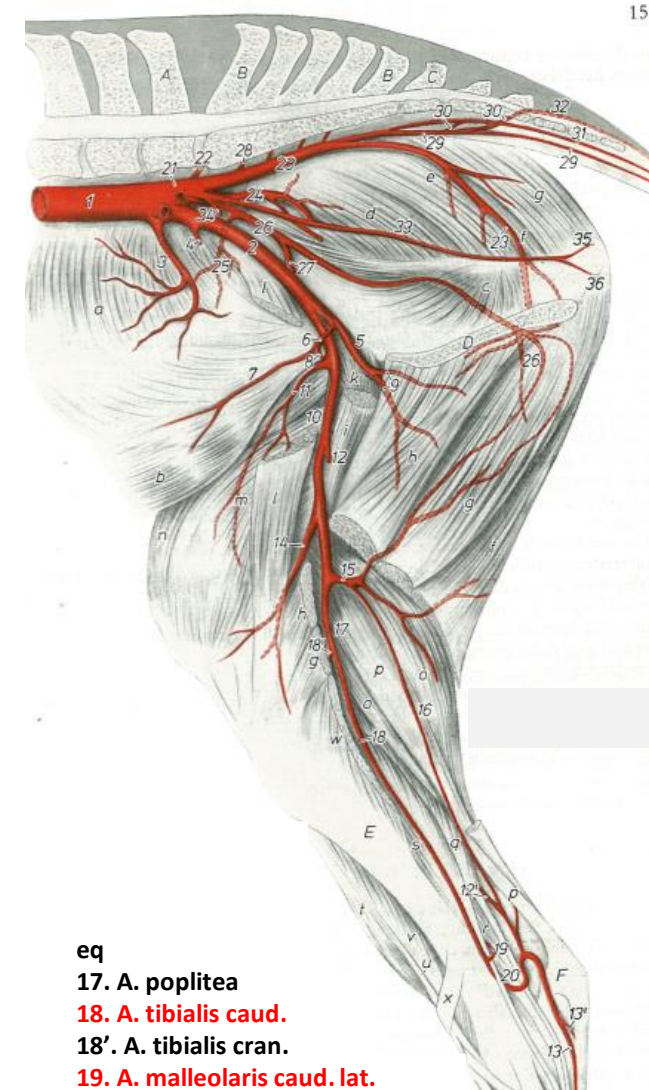
8. A. poplitea:

b. A. tibialis caudalis:

- a m. popliteus proximális szélé mentén ered
- **lóban** leadja az a. malleolaris caud. lat. - tarsális ízülethez
- lóban anasztomizál az a. saphena r. caudalisával



27. A. poplitea
28. A. tibialis cran.
28'. A. tibialis caud.



eq
17. A. poplitea
18. A. tibialis caud.
18'. A. tibialis cran.
19. A. malleolaris caud. lat.

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

8. A. poplitea:

c. A. tibialis cranialis:

- az a. poplitea folytatása
- a membrana interossea cruris mentén craniolaterálisan a tibián
- mediálisan a m. extensor digitorum long. ína mentén az a. dorsalis pedis-ben folytatódik
- ellátja a lábszár izmait

leadja:

- ❖ aa. malleolares craniales lat.
- ❖ aa. malleolares craniales med.

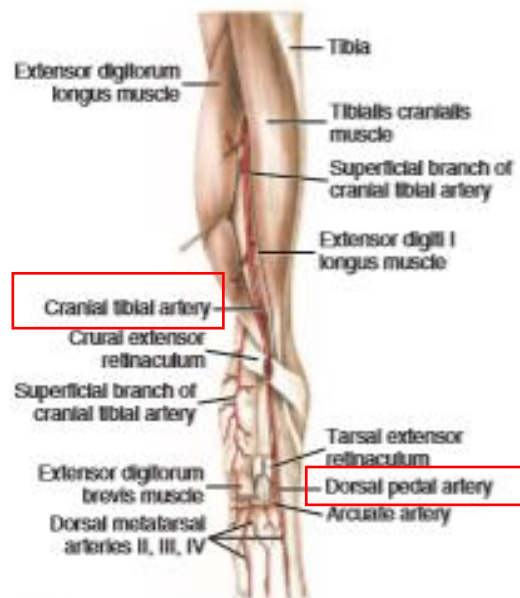
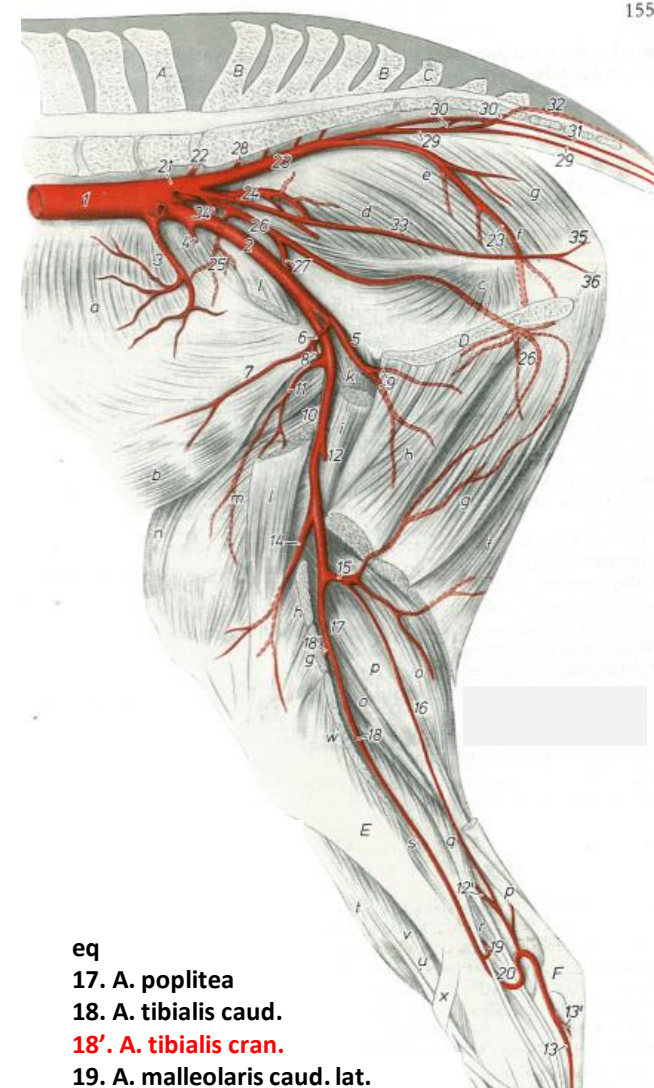


FIGURE 11-68 Branches of the cranial tibial artery, cranial aspect of right pelvic limb.



- 27. A. poplitea
- 28. A. tibialis cran.
- 28'. A. tibialis caud.
- 29. A. dorsalis pedis



- eq
- 17. A. poplitea
- 18. A. tibialis caud.
- 18'. A. tibialis cran.
- 19. A. malleolaris caud. lat.

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

A. tibialis cran.:

A. dorsalis pedis:

- az a. tibialis cranialis folytatása a lábháton
- a v. dorsalis pedis - el és a n. fibularis prof. – al halad a metatarsus irányába

leadja:

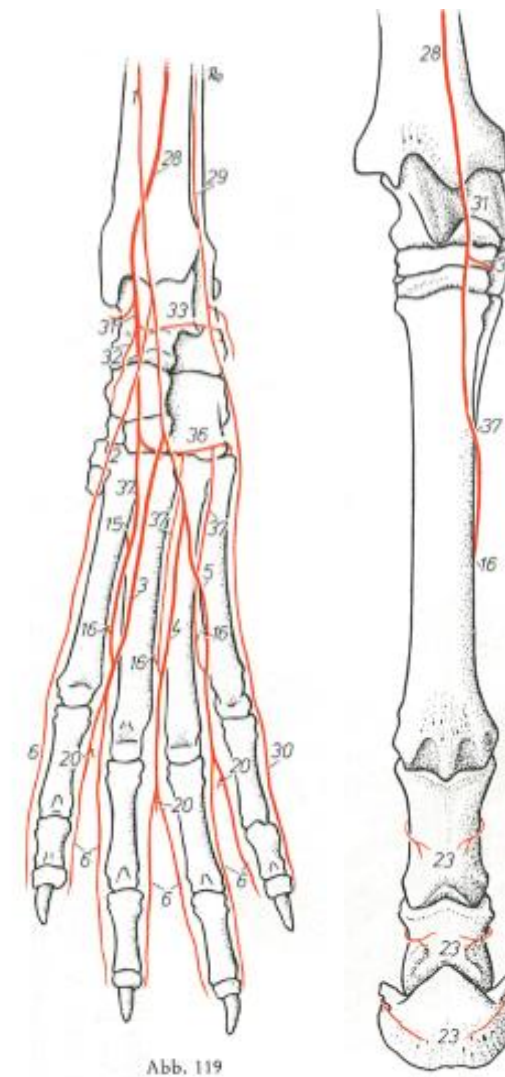
a. a. tarsea lat.

b. a. tarsea med.

c. a. tarsea perforans (kivéve húsevő):

- áthalad a canalis tarsin a planta pedis - re
- az arcus plantaris prof. –al áll összekötésben

d. a. arcuata - ebből erednek az aa. metatarsae dorsales - ek



- 27. A. poplitea
- 28. A. tibialis cran.
- 28'. A. tibialis caud.
- 29. A. dorsalis pedis

propriae; 22 Rr. palmares phalangium proximalium; 23 Rr. dorsales phalangium proximalium bzw. beim Pfd. phalangis proximalis, mediae und distalis; 24 A. digitalis plantaris V abaxialis; 25 A. tibialis caudalis; 26 R. anastomoticus cum a. asphena; 27 A. malleolaris caudalis lateralis; 28 A. tibialis cranialis; 29 R. superficialis; 30 A. digitalis dorsalis V abaxialis; 31 A. dorsalis pedis; 32 A. tarsea medialis; 33 A. tarsea lateralis; 34 A. tarsea perforans proximalis; 35 A. tarsea perforans distalis; 36 A. arcuata; 37 Aa. metatarsae dorsales II-IV; 38 Anastomose der A. caudalis femoris distalis; 39 A. comitans n. tibialis.

HÁTSÓ VÉGTAG VÉRELLÁTÁSA

ARTERIA FEMORALIS:

8. A. tibialis cran.

A. dorsalis pedis:

e. lóban az a. dorsalis pedis az a. metatarsae dorsalis III. –ban folytatódik

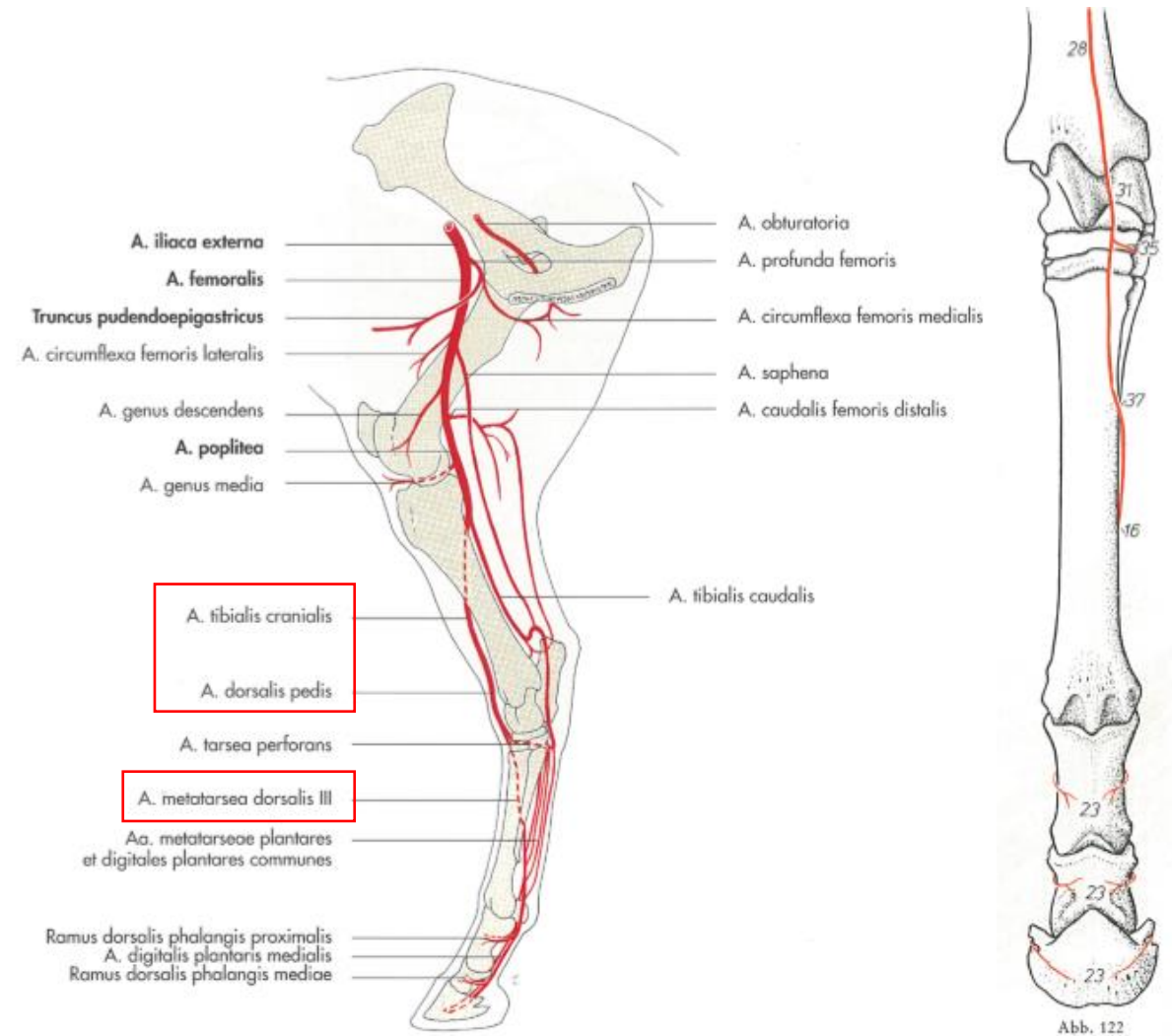


Abb. 122

propriae; 22 Rr. palmares phalangium proximalium; 23 Rr. dorsales phalangium proximalium bzw. beim Pfd. phalangis proximalis, mediae und distalis; 24 A. digitalis plantaris V abaxialis; 25 A. tibialis caudalis; 26 R. anastomoticus cum a. saphena; 27 A. malleolaris caudalis lateralis; 28 A. tibialis cranialis; 29 R. superficialis; 30 A. digitalis dorsalis V abaxialis; 31 A. dorsalis pedis; 32 A. tarsea medialis; 33 A. tarsea lateralis; 34 A. tarsea perforans proximalis; 35 A. tarsea perforans distalis; 36 A. arcuata; 37 Aa. metatarsae dorsales II-IV; 38 Anastomose der A. caudalis femoris distalis; 39 A. comitans n. tibialis.

PLANTA PEDIS ARTÉRIÁI HÚSEVŐBEN

1. A. plantaris medialis oszlik:

a. r. superficialis

b. r. profundus

2. A. plantaris lateralis oszlik:

a. r. profundus

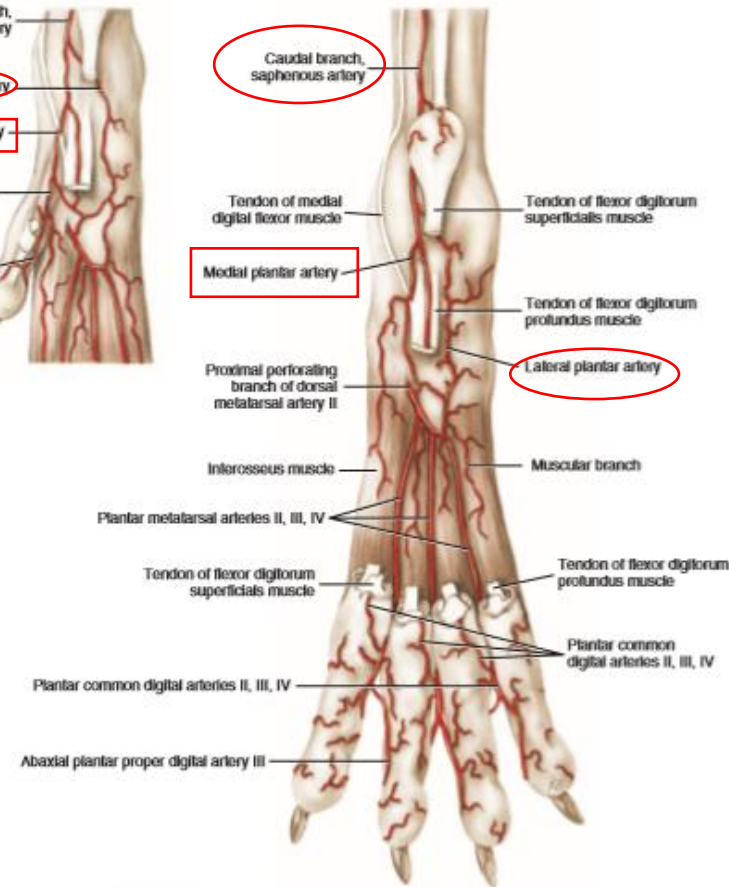
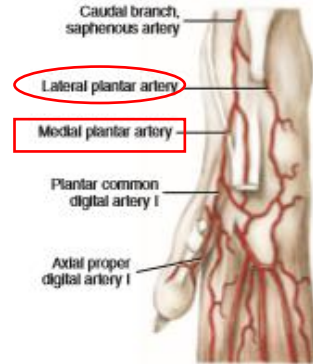


FIGURE 11-71 Deep arteries of the right hindpaw, plantar aspect.

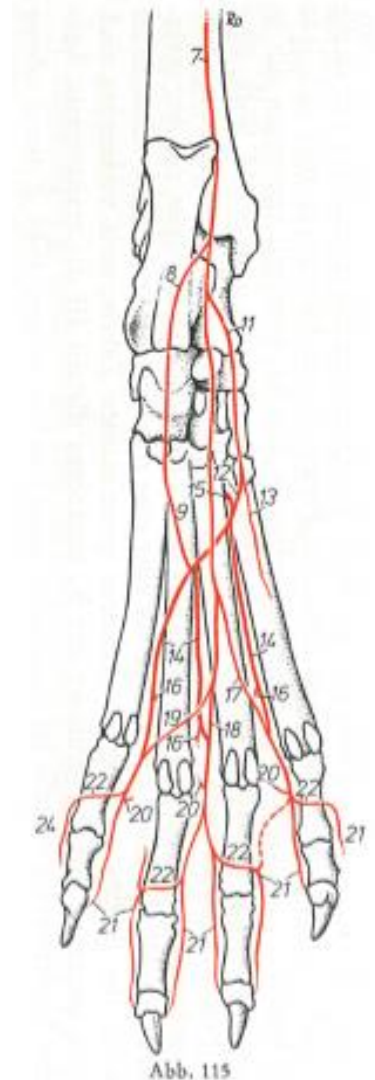


Abb. 115

Abb. 115, 116, 117, 118, 119, 120, 121, 122. Arterien des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

Abb. 115—118: Plantaransicht, Abb. 119—122: Dorsalansicht.

7 R. caudalis der A. saphena; 2—5 Aa. digitales dorsales communes I-IV; 6 Aa. digitales dorsales propriae; 7 R. caudalis der A. saphena; 8 A. plantaris lateralis, 9 R. profundus, 10 R. superficialis; 11 A. plantaris medialis, 12 R. profundus, 13 R. superficialis; 9 und 12 Arcus plantaris profundus; 14 Aa. metatarsae plantares II-IV; 15 Rr. perforantes proximales; 16 Rr. perforantes distales; 17—19 Aa. digitales plantares communes II-IV; 20 Aa. interdigitales; 21 Aa. digitales plantares

PLANTA PEDIS ARTÉRIÁI HÚSEVŐBEN

A. plantaris medialis ramus superficialis:

- az a. digitalis plantaris comm. I. – ban folytatódik

a. A. digitalis plantaris comm. I. leadja:

- a. digitalis plantaris propria I. axialis

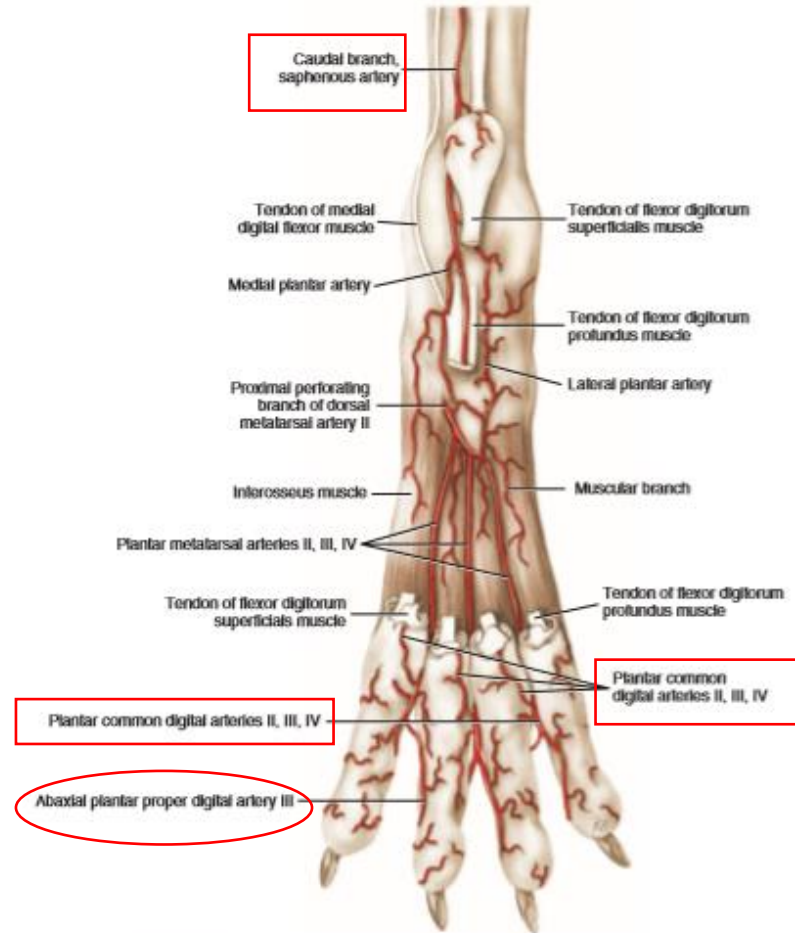
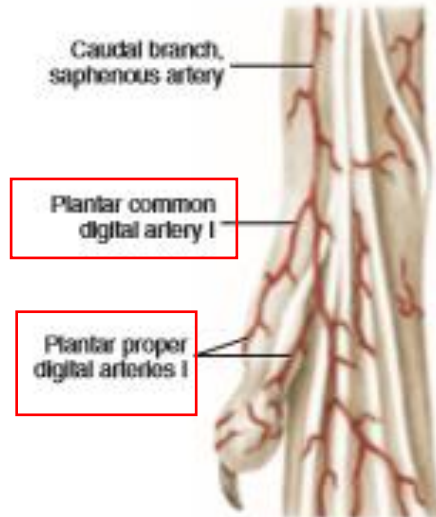


FIGURE 11-71 Deep arteries of the right hindpaw, plantar aspect.

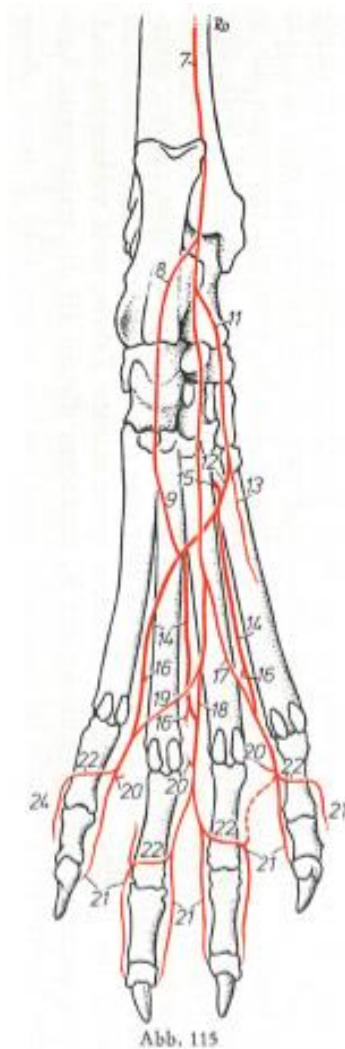


Abb. 115, 116, 117, 118, 119, 120, 121, 122. Arterien des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

Abb. 115—118: Plantarasicht, Abb. 119—122: Dorsalsicht.

1 R. caudalis der A. saphena; 2—5 Aa. digitales dorsales communes I-IV; 6 Aa. digitales dorsales propriae; 7 R. caudalis der A. saphena; 8 A. plantaris lateralis, 9 R. profundus, 10 R. superficialis; 11 A. plantaris medialis, 12 R. profundus, 13 R. superficialis; 9 und 12 Arcus plantaris profundus; 14 Aa. metatarsae plantares II-IV; 15 Rr. perforantes proximales; 16 Rr. perforantes distales; 17—19 Aa. digitales plantares communes II-IV; 20 Aa. interdigitales; 21 Aa. digitales plantares

PLANTA PEDIS ARTÉRIÁI HÚSEVŐBEN

A. saphena ramus caudalis:

- a m. flexor digitorum superfic. et porf. ínai között halad

a metatarsus distális felén leadja:

a. aa. digitales plantares comm. II – IV.

- egyesül a plantáris metatarsális artériákkal
- az aa. Interdigitales - sok összekötik az aa. digitales dorsales comm. - el
- leadják az aa. digitales plantares propriae - kat

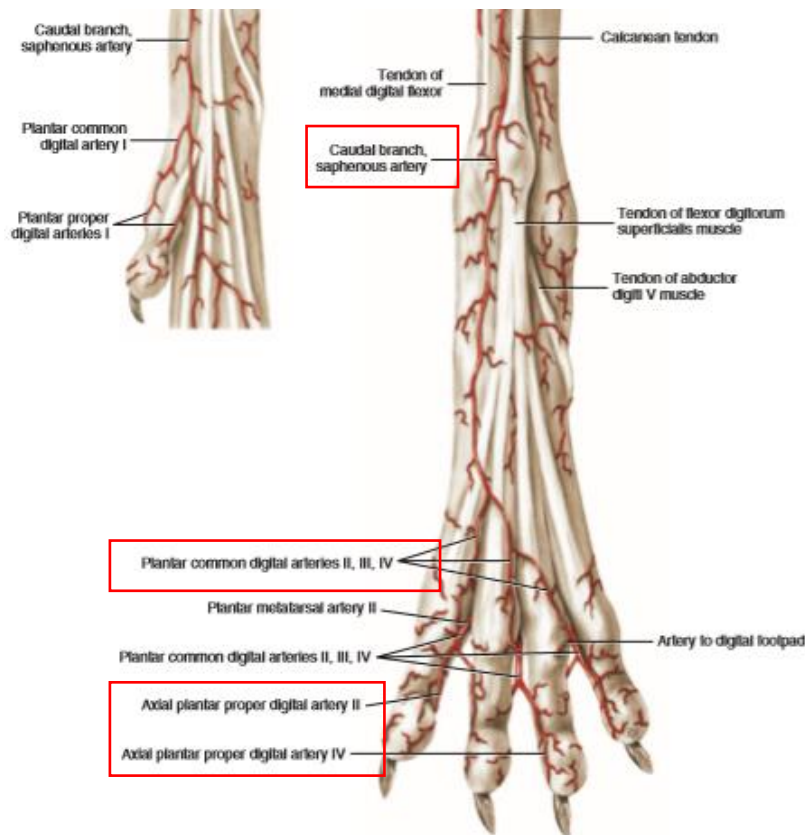


FIGURE 11-70 Superficial arteries of the right hindpaw, plantar aspect.

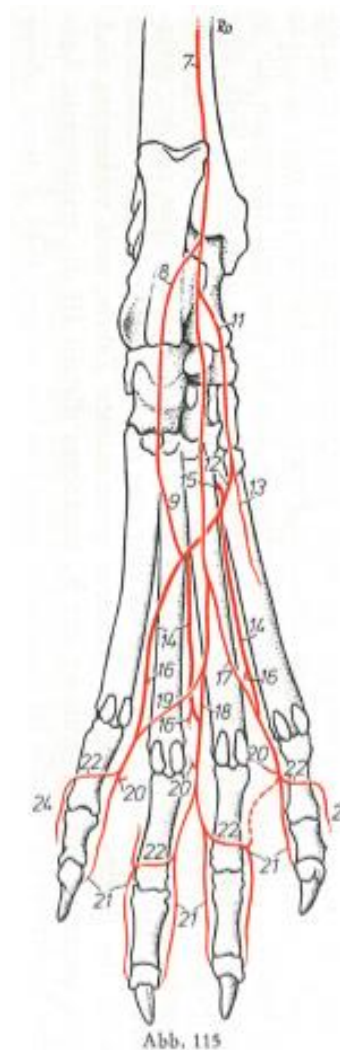


Abb. 115, 116, 117, 118, 119, 120, 121, 122. Arterien des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

Abb. 115—118: Plantaransicht, Abb. 119—122: Dorsalansicht.

7 R. caudalis der A. saphena; 8 A. saphena; 9 Aa. digitales dorsales communes I-IV; 10 Aa. digitales dorsales propriae; 11 R. caudalis der A. saphena; 12 A. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 A. plantaris medialis, 16 R. profundus, 17 R. superficialis; 18 A. plantaris profundus; 19 und 20 Arcus plantaris profundus; 21 Aa. metatarsae plantares II-IV; 22 Rr. perforantes proximales; 23 Rr. perforantes distales; 24 Aa. digitales plantares communes II-IV; 25 Aa. interdigitales; 26 Aa. digitales plantares

PLANTA PEDIS ARTÉRIÁI HÚSEVŐBEN

ARCUS PLANTARIS PROFUNDUS

- az a. plantaris med. et lat. rr. profundi a r. perforans proximalis részvételével képzik az arcus-t
- ebből a plantáris mély artériás ívből erednek az aa. metatarsea plantares II – IV - ek
- az aa. metatarsea plantareseket a rr. perforantes distales - ek összekötik a dorsális metatarsális artériákkal

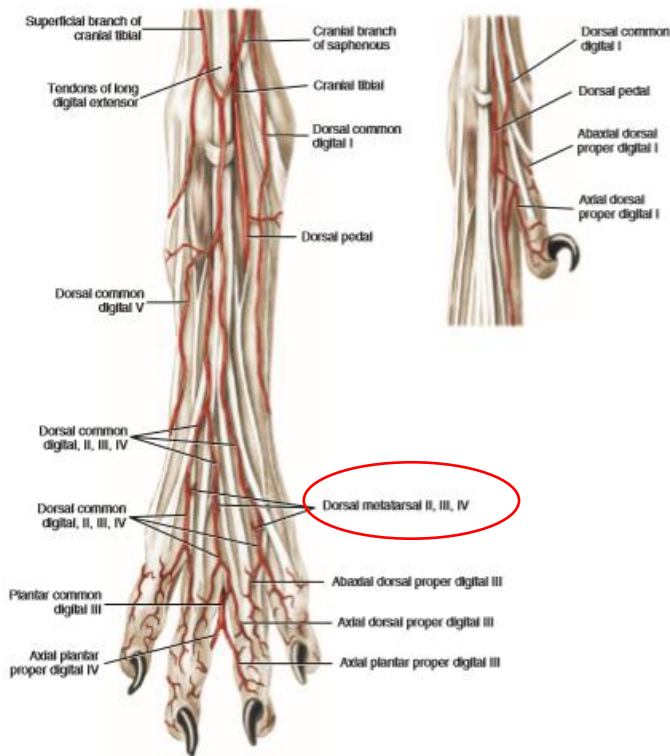


FIGURE 11-69 Arteries of the right hindpaw and first digit, dorsal aspect.

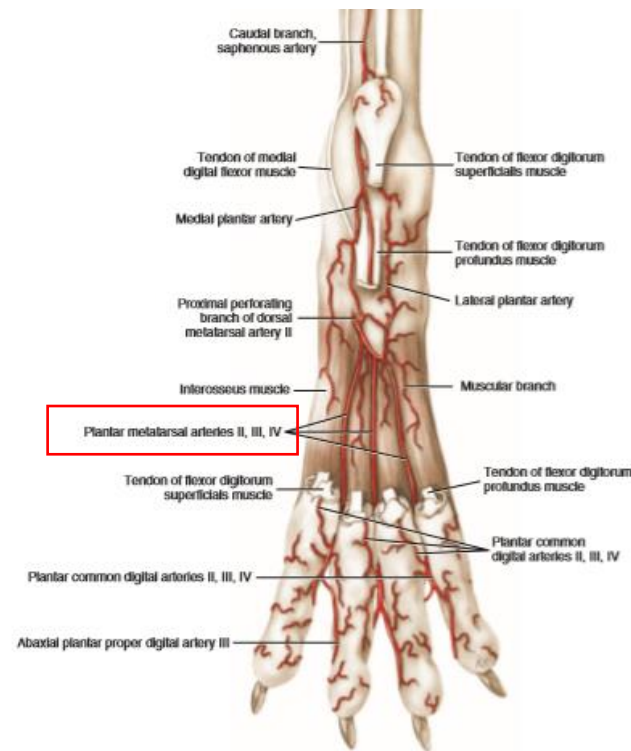


FIGURE 11-71 Deep arteries of the right hindpaw, plantar aspect.

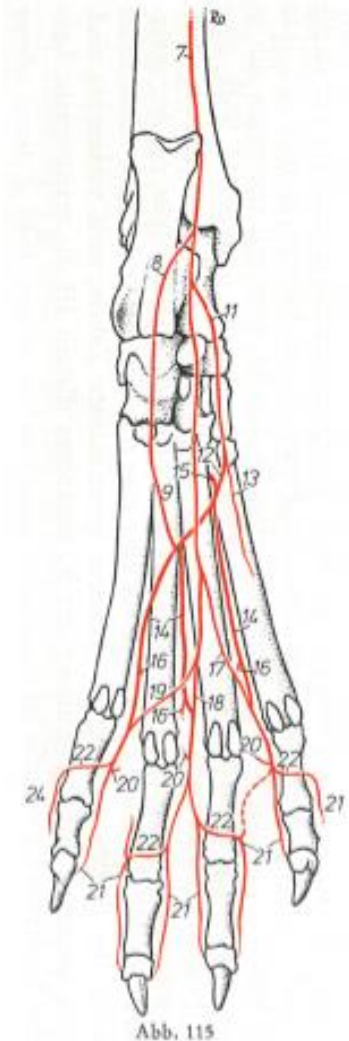


Abb. 115, 116, 117, 118, 119, 120, 121, 122. Arterien des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

Abb. 115—118: Plantaransicht, Abb. 119—122: Dorsalansicht.

1 R. cranialis der A. saphena; 2—5 Aa. digitales dorsales communes I-IV; 6 Aa. digitales dorsales propriae; 7 R. caudalis der A. saphena; 8 A. plantaris interna; 9 R. profundus; 10 R. superficialis; 11 A. plantaris medialis; 12 R. profundus; 13 R. superficialis; 9 un. 12 Arcus plantaris profundus; 14 Aa. metatarseae plantares II-IV; 15 Rr. perforantes proximales; 16 Rr. perforantes distales; 17—19 Aa. digitales plantares communes II-IV; 20 Aa. interdigitales; 21 Aa. digitales plantares

DORSUM PEDIS ARTÉRIÁI HÚSEVŐBEN

Arteria dorsalis pedis a tarsometatarsális ízület magasságában leadja:

a. A. arcuata

- ebből erednek az aa. metatarsae dorsales II – IV.

A. saphena ramus cranialis leadja:

a. aa. digitales dorsales comm. I – IV.

Aa. digitales dorsales comm. leadja:

a. aa. digitales dorsales propriae

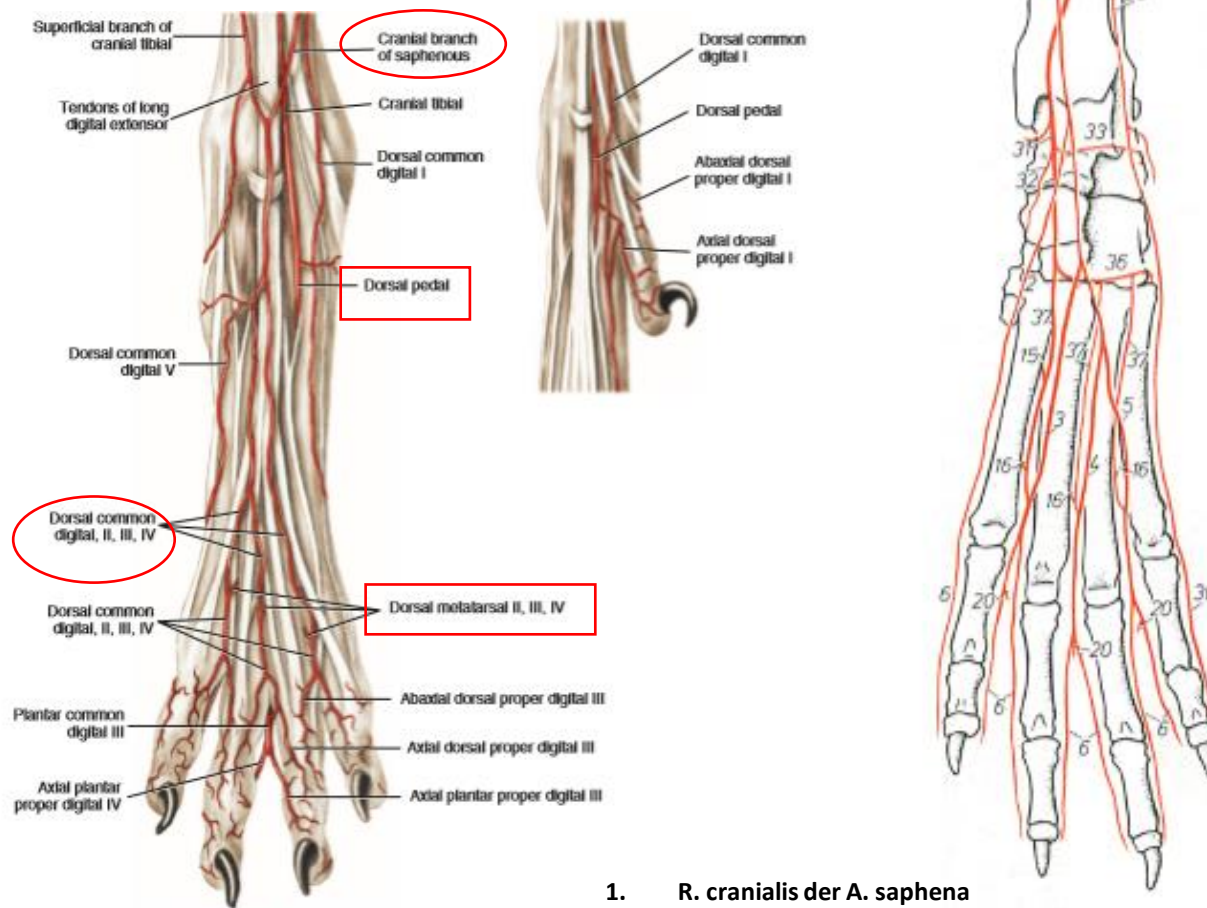


FIGURE 11-69 Arteries of the right hindpaw and first digit, dorsal aspect.

1. R. cranialis der A. saphena
2. 2 – 5. Aa. digitales dorsales comm.
3. 6. Aa. digitales dorsales propriae

propriae; 22 Rr. palmarum phalangium proximalium; 23 Rr. dorsales phalangium proximalium bzw. beim *Pfd.* phalangis proximalis, mediae und distalis; 24 A. digitalis plantaris V abaxialis; 25 A. tibialis caudalis; 26 R. anastomoticus cum a. saphena; 27 A. malleolaris caudalis lateralis; 28 A. tibialis cranialis; 29 R. superficialis; 30 A. digitalis dorsalis V abaxialis; 31 A. dorsalis pedis; 32 A. tarsea medialis; 33 A. tarsea lateralis; 34 A. tarsea perforans proximalis; 35 A. tarsea perforans distalis; 36 A. arcuata; 37 Aa. metatarsae dorsales II-IV; 38 Anastomose der A. caudalis femoris distalis; 39 A. comitans n. tibialis.

PLANTA PEDIS ARTÉRIÁI HÚSEVŐBEN

A. saphena ramus caudalis:

- egy „S”- alakú anasztomózissal összeköttetésben áll az a. tibialis caud. - al
- a sustentaculum tali magasságában leadja:

a. a. plantaris med.

b. a. plantaris lat.



Abb. 118

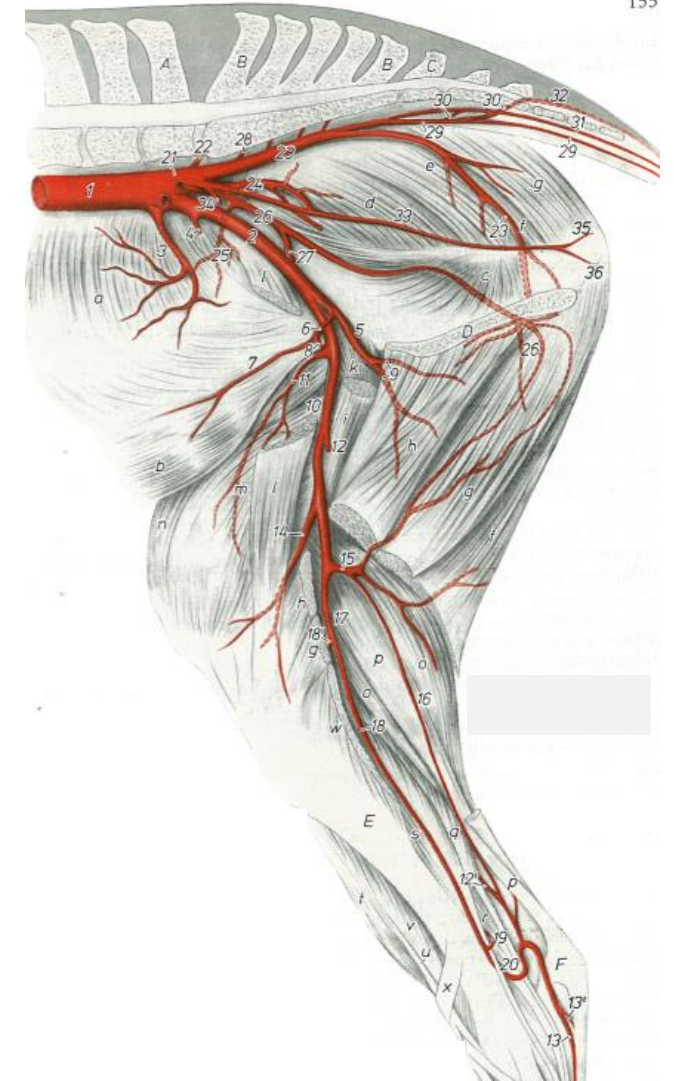


Abb. 115, 116, 117, 118, 119, 120, 121, 122. Arterien des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

Abb. 115—118: Plantarsicht, Abb. 119—122: Dorsalsicht.

1 R. cranialis der A. saphena; 2—5 Aa. digitales dorsales communes I-IV; 6 Aa. digitales dorsales propriae; 7 R. caudalis der A. saphena; 8 A. plantaris lateralis, 9 R. profundus, 10 R. superficialis; 11 A. plantaris medialis, 12 R. profundus, 13 R. superficialis; 9 und 12 Arcus plantaris profundus; 14 Aa. metatarsae plantares II-IV; 15 Rr. perforantes proximales, 16 Rr. perforantes distales; 17—19 Aa. digitales plantares communes II-IV; 20 Aa. interdigitales; 21 Aa. digitales plantares

propriae; 22 Rr. palmases phalangium proximallum; 23 Rr. dorsales phalangium proximallum bzw. beim Pfd. phalangis proximalis, mediae und distalis; 24 A. digitalis plantaris V abaxialis; 25 A. tibialis caudalis; 26 R. anastomoticus cum a. saphena; 27 A. malleolaris caudalis lateralis; 28 A. tibialis cranialis, 29 R. superficialis; 30 A. digitalis dorsalis V abaxialis; 31 A. dorsalis pedis; 32 A. tarsea medialis; 33 A. tarsea lateralis; 34 A. tarsea perforans proximalis; 35 A. tarsea perforans distalis; 36 A. arcuata; 37 Aa. metatarsae dorsales II-IV; 38 Anastomose der A. caudalis femoris distalis; 39 A. comitans n. tibialis

eq
15. A. caudalis femoris dist.
16. A. comitans n. tibialis

PLANTA PEDIS ARTÉRIÁI HÚSEVŐBEN

A. saphena ramus caudalis:

A. plantaris medialis et lateralis:

- a metatarsuson proximálisan elágazik:

a. ramus profundus

b. ramus superficialis

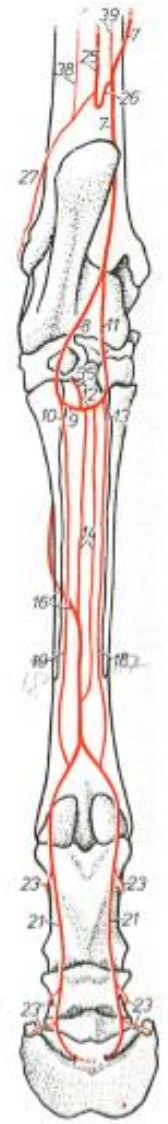
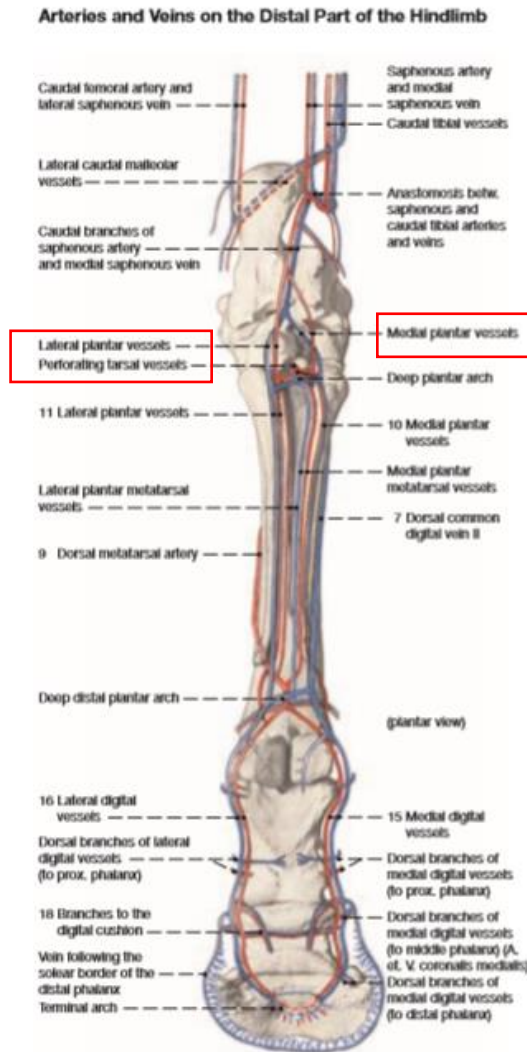


Abb. 115, 116, 117, 118, 119, 120, 121, 122. Arterien des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

Abb. 115—118: Plantarsicht, Abb. 119—122: Dorsalsicht.
 1 R. cranialis der A. saphena; 2—5 Aa. digitales dorsales communes I-IV; 6 Aa. digitales dorsales propriae; 7 R. caudalis der A. saphena; 8 A. plantaris lateralis, 9 R. profundus, 10 R. superficialis; 11 A. plantaris medialis, 12 R. profundus; 13 R. superficialis; 9 und 12 Arcus plantaris profundus; 14 Aa. metatarsae plantares II-IV; 15 Rr. perforantes proximales; 16 Rr. perforantes distales; 17—19 Aa. digitales plantares communes II-IV; 20 Aa. interdigitalis; 21 Aa. digitales plantares

PLANTA PEDIS ARTÉRIÁI LÓBAN

ARCUS PLANTARIS PROFUNDUS:

- az aa. plantares med. et lat. rr. profundi egyesülnek miután felvették az a. tarsea perforans – t mély plantáris artériás ívvé
- ebből az arcus-ból erednek az aa. metatarsea plantares II. és III.
- az aa. metatarsea plantares II. és III. a r. perforans distalis – on keresztül összekapcsolódnak – ebből ered az a. digitalis plantaris comm. II. seu III.

Aa. digitales plantares comm. II. et III. leadják:

- a. a. digitalis plantaris (propria III) medialis
- a. a. digitalis plantaris (propria III) lateralis

Arteries and Veins on the Distal Part of the Hindlimb

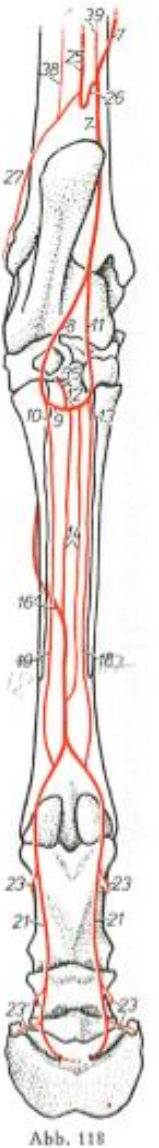
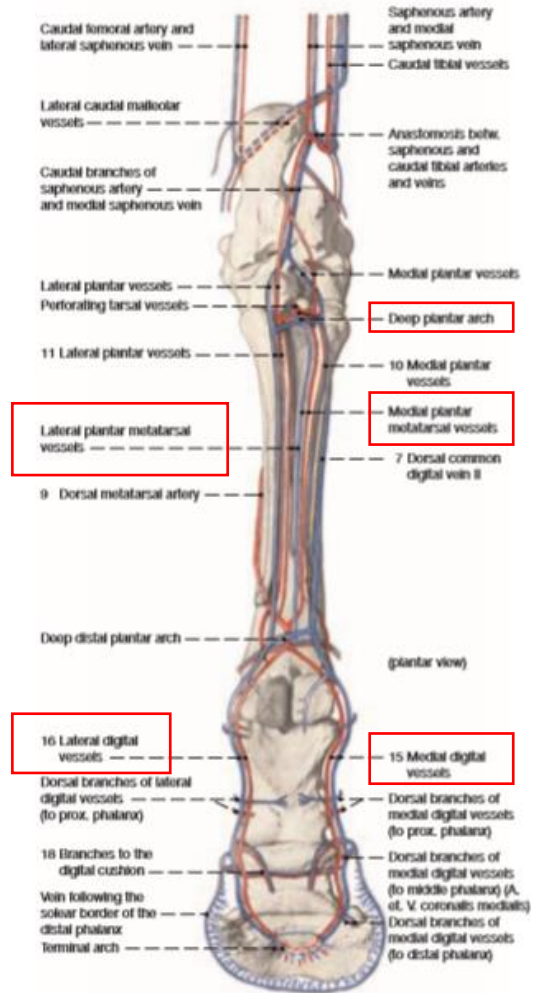


Abb. 115, 116, 117, 118, 119, 120, 121, 122. Arterien des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

Abb. 115–118: Plantaransicht, Abb. 119–122: Dorsalansicht.

1 R. cranialis der A. saphena; 2–5 Aa. digitales dorsales communes I-IV; 6 Aa. digitales dorsales propriae; 7 R. caudalis der A. saphena; 8 A. plantaris lateralis; 9 R. profundus; 10 R. superficialis; 11 A. plantaris medialis; 12 R. profundus; 13 R. superficialis; 14 Aa. metatarsae plantares II-IV; 15 Rr. perforantes proximales; 16 Rr. perforantes distales; 17–19 Aa. digitales plantares communes II-IV; 20 Aa. interdigitales; 21 Aa. digitales plantares

PLANTA PEDIS ARTÉRIÁI LÓBAN

A. digitalis plantaris med. leadja:

1. r. plantaris et dorsalis phalangis prox. med.

2. r. plantaris et dorsalis phalangis mediae med. leadja:

❖ r. tori digitalis

❖ a. coronalis

3. r. plantaris et dorsalis phalangis distalis med.

Arteries and Veins on the Distal Part of the Hindlimb

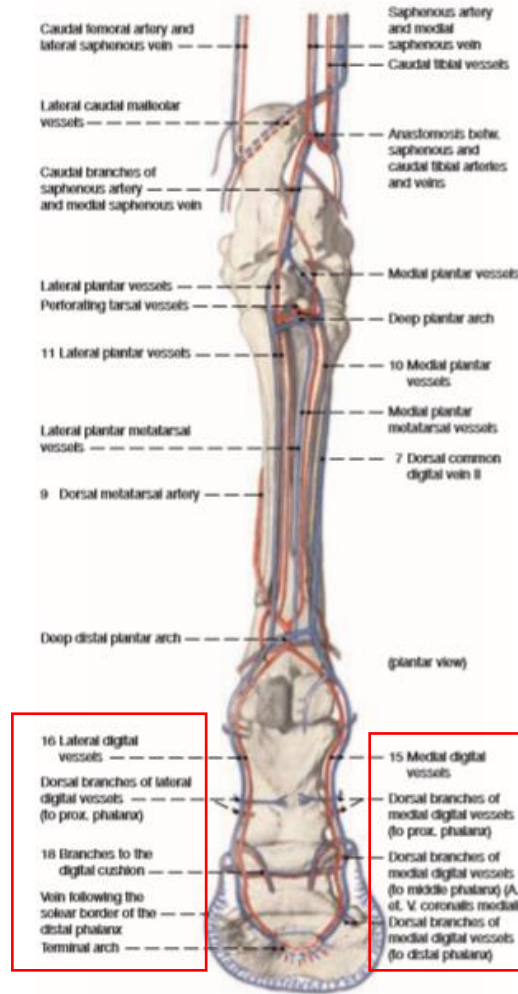


Abb. 115, 116, 117, 118, 119, 120, 121, 122. Arterien des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

Abb. 115—118: Plantarsicht, Abb. 119—122: Dorsalsicht.

1 R. cranialis der A. saphena; 2—5 Aa. digitales dorsales communes I-IV; 6 Aa. digitales dorsales propriae; 7 R. caudalis der A. saphena; 8 A. plantaris lateralis; 9 R. profundus; 10 R. superficialis; 11 A. plantaris medialis; 12 R. profundus; 13 R. superficialis; 14 Aa. metatarsae plantares II-IV; 15 Rr. perforantes proximales; 16 Rr. perforantes distales; 17—19 Aa. digitales plantares communes II-IV; 20 Aa. interdigitales; 21 Aa. digitales plantares

PLANTA PEDIS ARTÉRIÁI

LÓBAN

A. digitalis plantaris lat. leadja:

1. r. plantaris et dorsalis phalangis prox. lat.
2. r. plantaris et dorsalis phalangis mediae lat. leadja:

❖ r. tori digitalis

❖ a. coronalis

3. r. plantaris et dorsalis phalangis distalis lat.

ARCUS TERMINALIS:

- az aa. digitales plantares med. et lat. végágai képzik a canalis solearisban

Arteries and Veins on the Distal Part of the Hindlimb

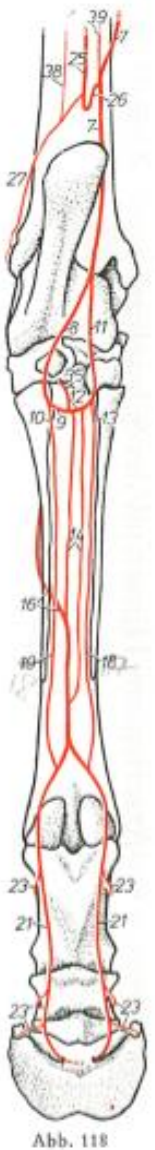
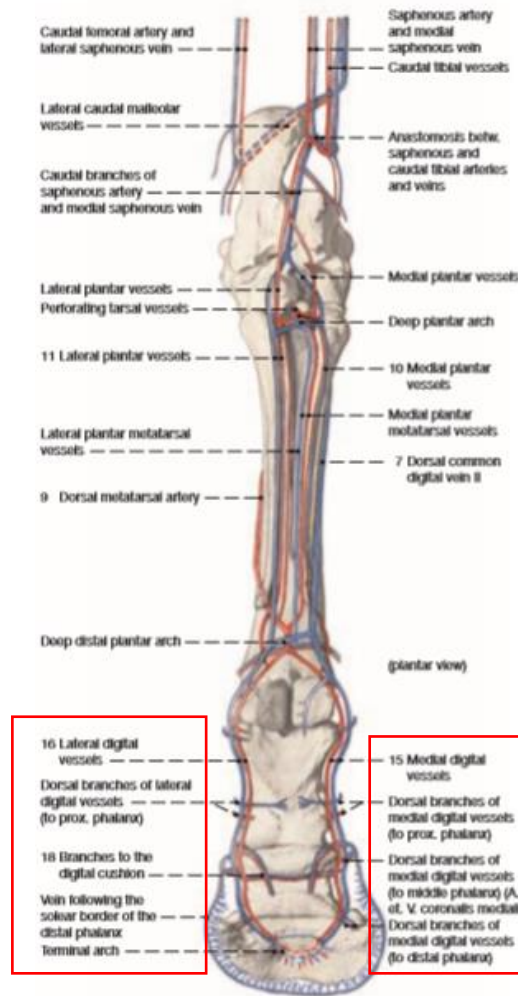


Abb. 118

Abb. 115, 116, 117, 118, 119, 120, 121, 122. Arterien des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

Abb. 115—118: Plantarsicht, Abb. 119—122: Dorsalsicht.

7 R. cranialis der A. saphena; 2—5 Aa. digitales dorsales communes I-IV; 6 Aa. digitales dorsales propriae; 7 R. caudalis der A. saphena; 8 A. plantaris lateralis; 9 R. profundus; 10 R. superficialis; 11 A. plantaris medialis; 12 R. profundus; 13 R. superficialis; 9 und 12 Arcus plantaris profundus; 14 Aa. metatarsae plantares II-IV; 15 Rr. perforantes proximales; 16 Rr. perforantes distales; 17—19 Aa. digitales plantares communes II-IV; 20 Aa. interdigitales; 21 Aa. digitales plantares

DORSUM PEDIS ARTÉRIÁI LÓBAN

ARTERIA DORSALIS PEDIS:

- leadja az a. tarsea perforans (distalis)
- az a. metatarsea dorsalis III. – ban folytatódik
- os metatarsale III. és II. között lehet a pulzust tapintani

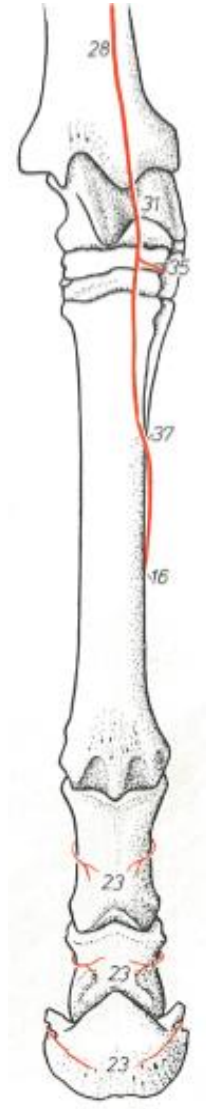
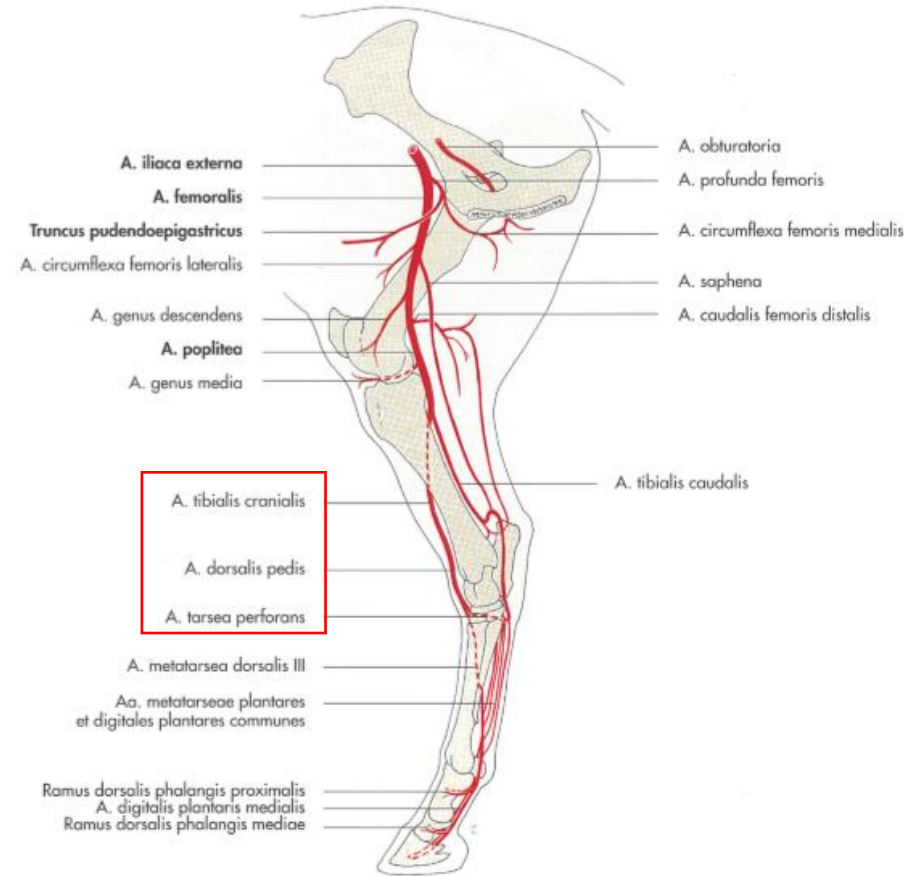


Abb. 122

propriae; 22 Rr. palmares phalangium proximalium; 23 Rr. dorsales phalangium proximalium bzw. beim Pfd. phalangis proximalis, mediae und distalis; 24 A. digitalis plantaris V abaxialis; 25 A. tibialis caudalis; 26 R. anastomoticus cum a. saphena; 27 A. circumflexa femoris lateralis; 28 A. tibialis cranialis; 29 R. superficialis; 30 A. digitalis dorsalis V abaxialis; 31 A. dorsalis pedis; 32 A. tarsea medialis; 33 A. tarsea perforans proximalis; 34 A. tarsea perforans distalis; 35 A. tarsea perforans distalis; 36 A. arcuata; 37 Aa. metatarsoe dorsales II-IV; 38 Anastomose der A. caudalis femoris distalis; 39 A. comitans n. tibialis

DORSUM PEDIS ARTÉRIÁI LÓBAN

az ujjak dorsális oldalát ellátja:

- ❖ r. dorsalis phalangis prox.
- ❖ r. dorsalis phalangis mediae
- ❖ r. dorsalis phalangis dist.

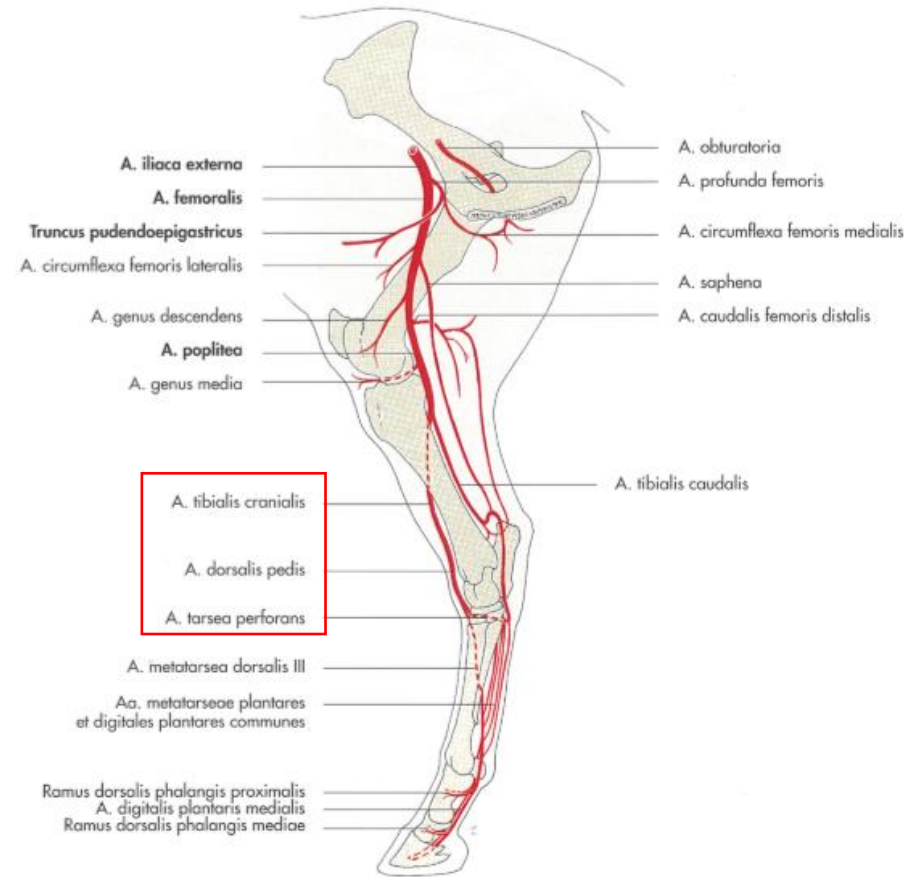


Abb. 122

propriae; 22 Rr. palmares phalangium proximalium; 23 Rr. dorsales phalangium proximalium bzw. beim Pfd. phalangis proximalis, mediae und distalis; 24 A. digitalis plantaris V abaxialis; 25 A. tibialis caudalis; 26 R. anastomoticus com. n. saphena; 27 A. circumflexa femoris lateralis; 28 A. tibialis cranialis; 29 R. superficialis; 30 A. digitalis dorsalis V abaxialis; 31 A. dorsalis pedis; 32 A. tarsea medialis; 33 A. tarsea perforans proximalis; 34 A. tarsea perforans distalis; 35 A. tarsea perforans distalis; 36 A. arcuata; 37 Aa. metatarsee dorsales II-IV; 38 Anastomose der A. caudalis femoris distalis; 39 A. comitans n. tibialis.

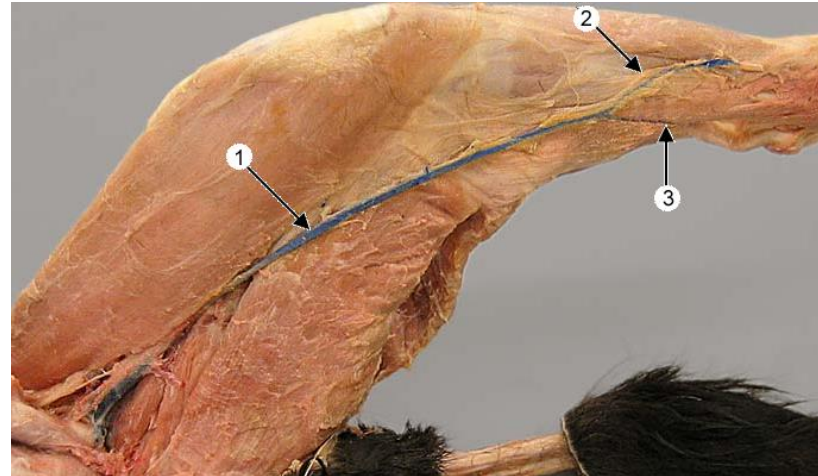
VÉNÁK

VENA SAPHENA MEDIALIS (MAGNA):

- felületes véna
- a canalis femoralis distális végén a v. femoralis - ba ömlik
- a. saphenával és a n. saphenussal halad

a térd ízületől distálisan felveszi :

1. r. cranialis
2. R. caudalis
3. rr. muscularis – m. gracilis, m. flexor digitalis prof.



Medial view of a cat pelvic limb showing the **medial saphenous vein** (1). The vein is formed by the union of cranial (2) and caudal (3) branches. The medial saphenous vein is a common site for venipuncture in the cat. The vein is accompanied by the saphenous artery and saphenous nerve (which are not very evident in this image).

<http://vanat.cvm.umn.edu/carnLabs/Lab20/Img20-13.html>

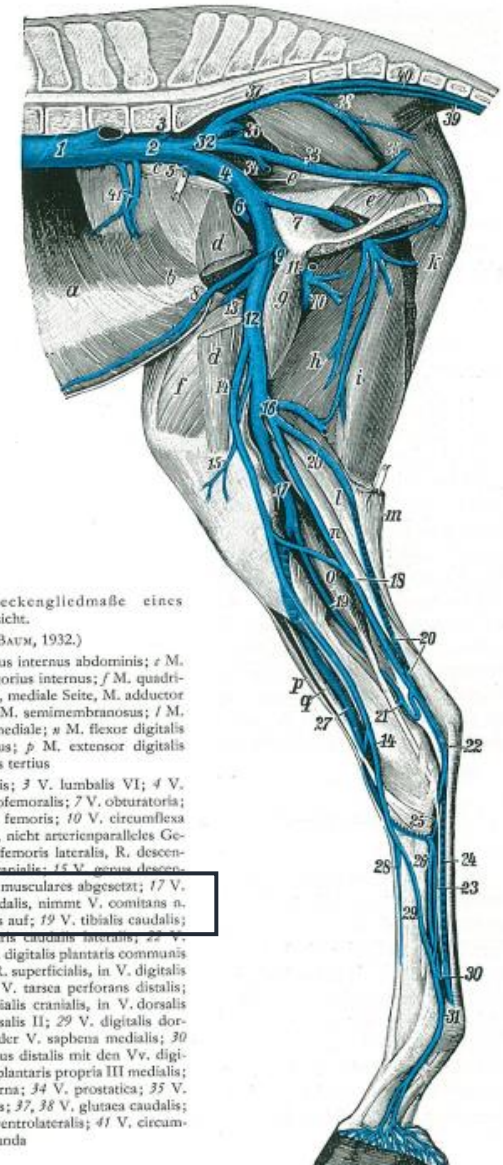


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes. Medialansicht.

(Nach ELLENBERGER und BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite, M. adductor weggeschritten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale, m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliofemorialis; 6 V. iliocircumflexa; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. gracialis; 15 V. genu descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt V. comitans n. tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis, 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsea perforans distalis; 26 V. metatarsea plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsea dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutaea cranialis; 37, 38 V. glutaea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa iliium profunda

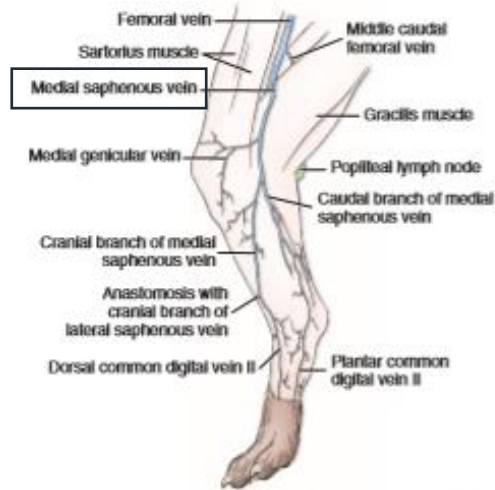
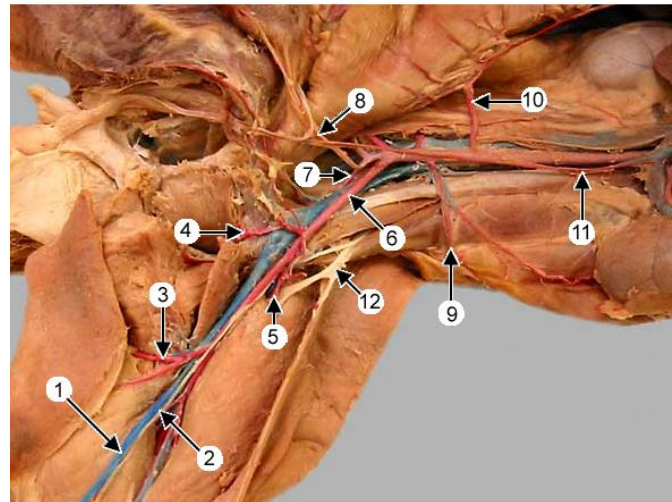


FIGURE 12-18 Superficial veins of the right hind limb, medial aspect.



Medial view of a cat pelvic limb showing the **medial saphenous vein** (1), a common site for venipuncture in the cat. The vein is accompanied by the **saphenous a.** and nerve (2).

Identify: **proximal caudal femoral a.** (3), **medial circumflex femoral a.** (4), **lateral circumflex femoral a.** (5), **external iliac a.** (6), **internal iliac a.** (7), **umbilical a.** (8), **deep circumflex iliac a.** (9), **caudal mesenteric a.** (10), **testicular a.** (11), and **femoral n.** (12).

<http://vanat.cvm.umn.edu/carnLabs/Lab20/Img20-12.html>

VÉNÁK

VENA SAPHENA MEDIALIS (MAGNA):

1. R. cranialis:

- craniálisan a lábszáron
- kutyában anasztomizál a lábszáron a v. saphena lat. r. cranialis et caudalis - ával
- felveszi a vv. digitales dorsales comm. - t
- kutyában felveszi a v. tarsea medialis - t
- v. tarsea medialis felveszi az arcus plantaris superfic. r. plantaris superficialis-át

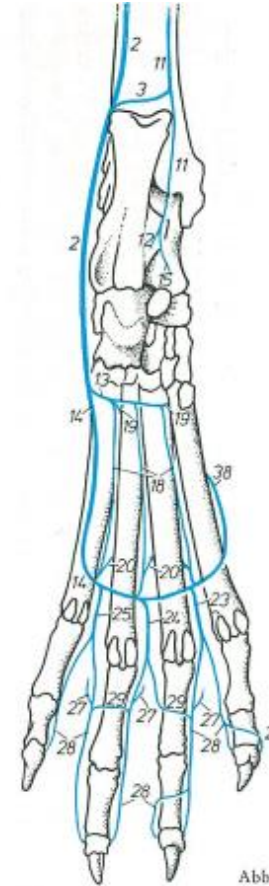


Abb. 198

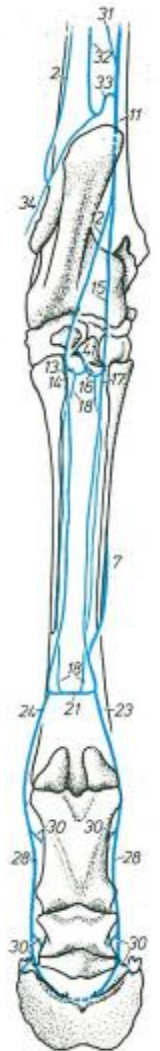


Abb. 201

Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*. Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

Abb. 198—201: Plantaransicht, Abb. 202—205: Dorsalansicht

1 R. cranialis; 2 R. caudalis der V. saphena lateralis; 3 R. anastomoticus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis; 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6—9 Vv. digitales dorsales communes 1—1V; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 13 und 16, beim *Hd.* nur 13, Arcus

VÉNÁK

VENA SAPHENA MEDIALIS (MAGNA):

2. R. caudalis:

- mediálisan keresztezi a m. flexor digitalis pedis longus - t és caudodistális irányban halad
- r. anastomicus - sal kapcsolódik a v. saphena lateralis r. caudalis-val (kivéve ló) az ugróízülettől proximálisan

felveszi:

1. v. plantaris medialis
2. v. plantaris lateralis

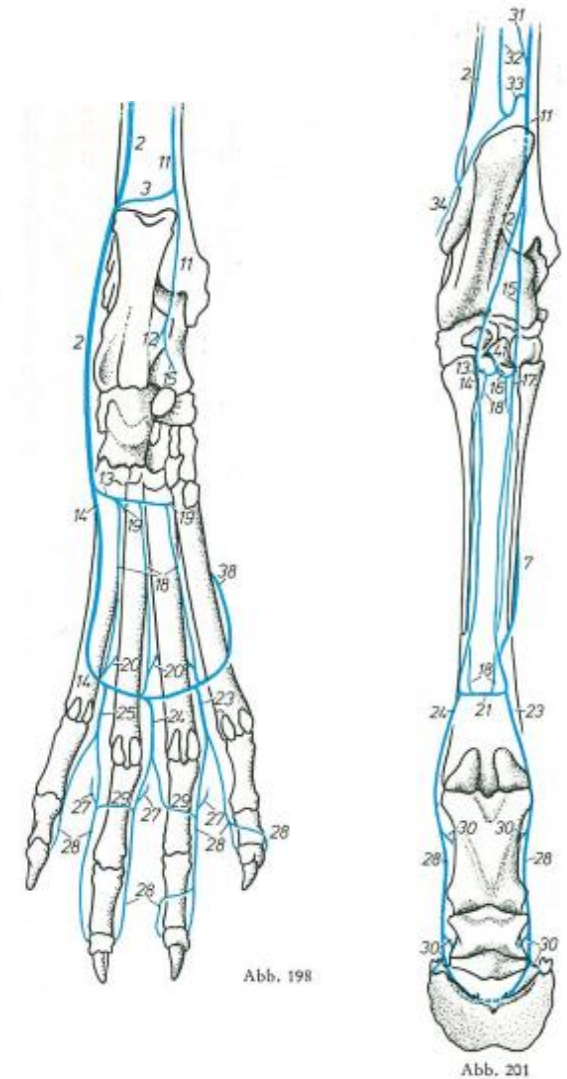


Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*. Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

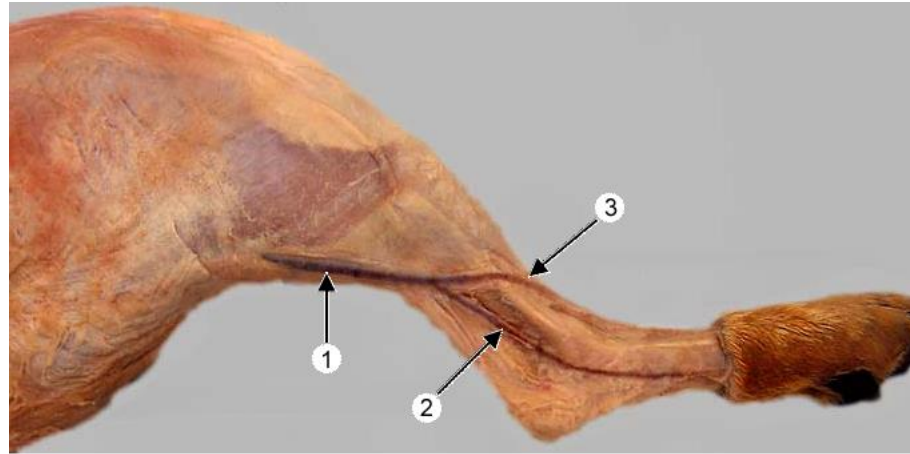
Abb. 198—201: Plantaransicht, Abb. 202—205: Dorsalansicht

1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomicus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis, 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6—9 Vv. digitales dorsales communes I—IV; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 18 und 19, beim *Hd.* nur 18, Arcus

VÉNÁK

VENAE SAPHENA LATERALIS:

- v. caudalis femoris dist.- ba ömlik
- a m. biceps femoris és a m. semitendinosus között
- a tendo calcaneuson halad subcutan
- a n. cutaneus surae caudalis kíséri



Lateral view of a dog pelvic limb showing the **lateral saphenous vein** (1). The vein is formed by the union of caudal (2) and cranial (3) branches. The cranial branch of the lateral saphenous vein is generally quite prominent in dogs, but its mobility presents a challenge for venipuncture.

<http://vanat.cvm.umn.edu/carnLabs/Lab20/img20-14.html>

felveszi:

1. ramus cranialis
2. ramus caudalis

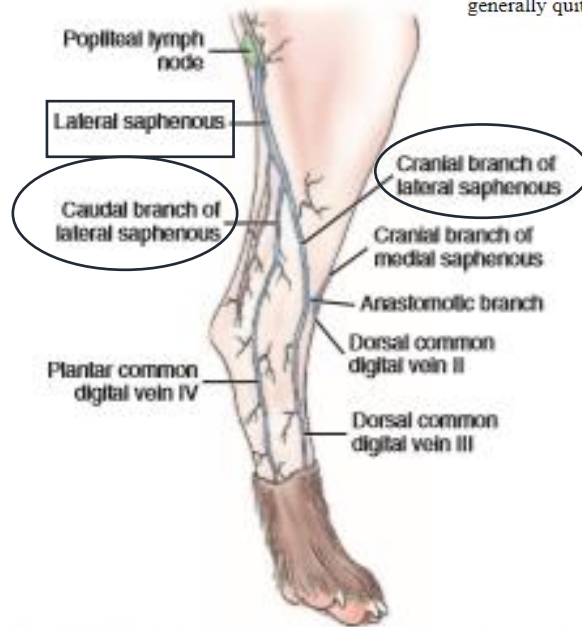


FIGURE 12-17 Superficial veins of the right hind limb, lateral aspect.

gyűjtőterület:

- m. gastrocnemius

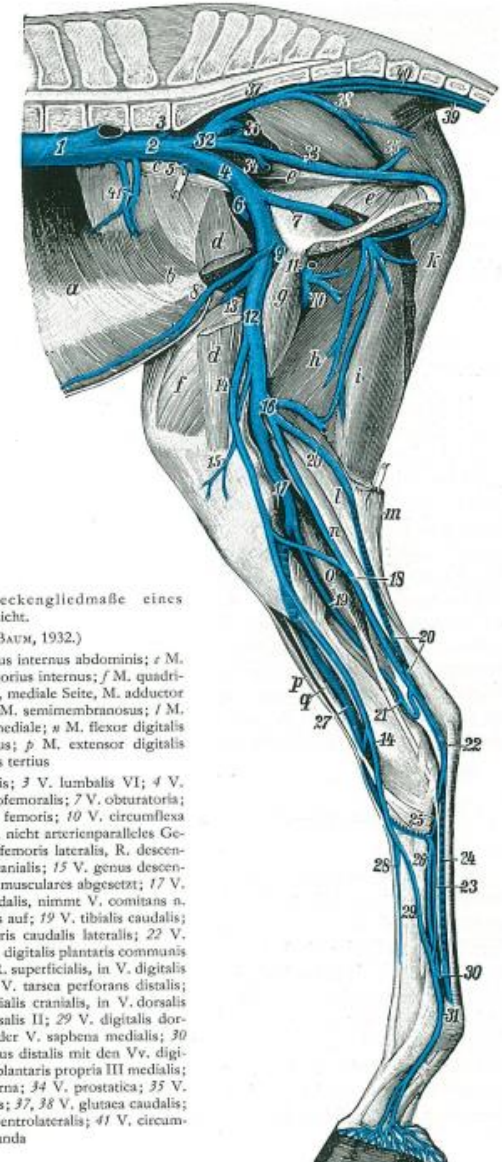


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes. Medialansicht.

(Nach ELLENBERGER und BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite, M. adductor weggeschnitten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale, m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliolumbalis; 6 V. iliocofemoralis; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt V. comitans n. tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis; 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsae perforans distalis; 26 V. metatarsa plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsa dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutaea cranialis; 37, 38 V. glutaea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda

VÉNÁK

VENAE SAPHENA LATERALIS:

1. R. cranialis:

- **lóban hiányzik**
- laterálisan keresztezi a lábszárat
- eléri a tarsus hajlítókát
- r. anastomicus cum v. saphena mediali

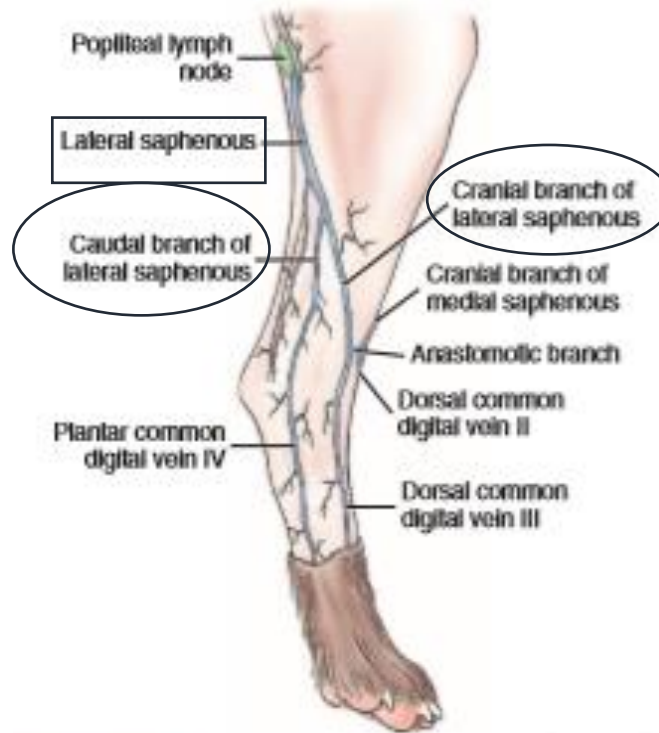


FIGURE 12-17 Superficial veins of the right hind limb, lateral aspect.

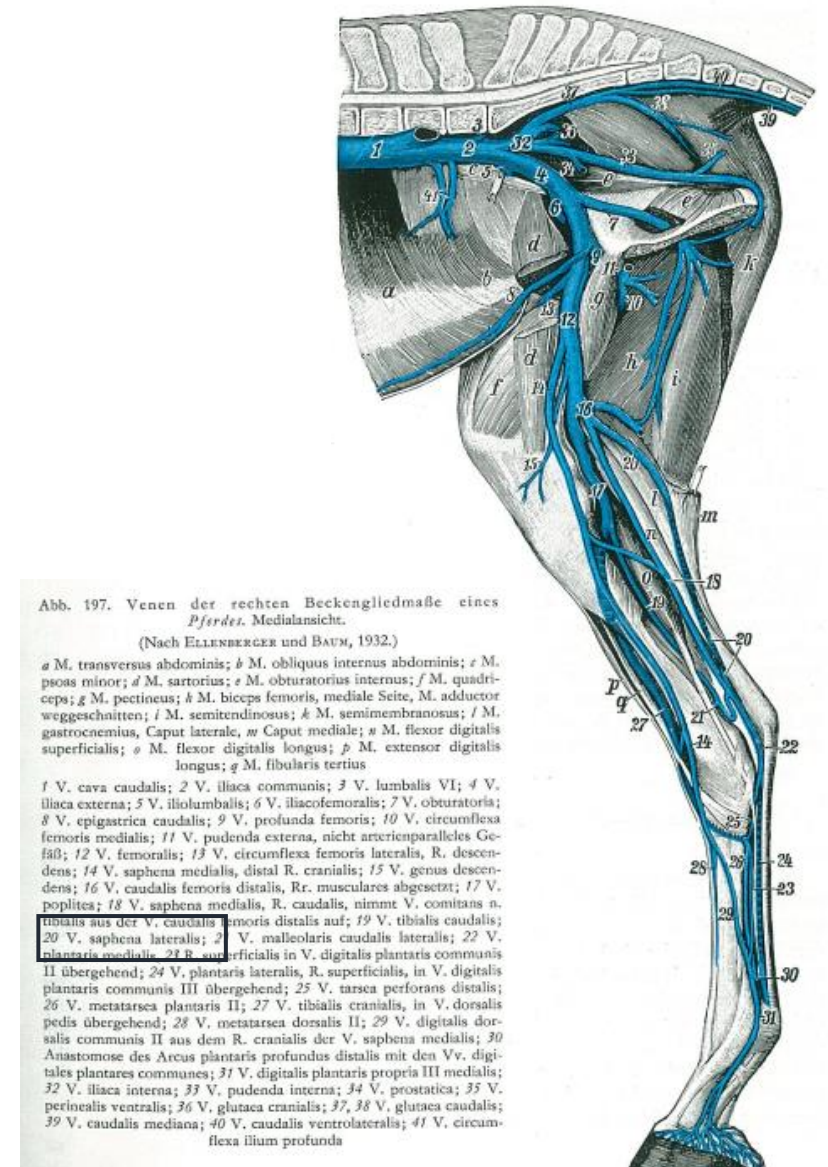


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes. Medialansicht.

(Nach ELLENBERGER und BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite, M. adductor weggeschnitten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale, m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. ilio-lumbalis; 6 V. ilio-femorialis; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt V. comitans n. tibialis aus der V. caudalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis; 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsae perforans distalis; 26 V. metatarsea plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsea dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutaea cranialis; 37, 38 V. glutaea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda

VÉNÁK

VENAE SAPHENA LATERALIS:

2. R. caudalis:

- az ugró ízületől proximálisan összeköttetés a r. anastomicus cum v. saphena medialisin keresztül a v. saphena medialis r. caudalis - ával

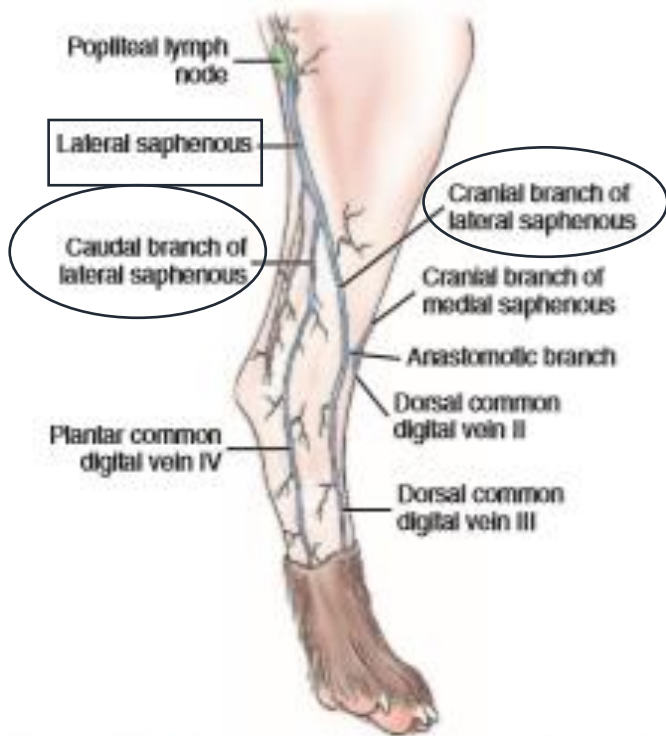


FIGURE 12-17 Superficial veins of the right hind limb, lateral aspect.

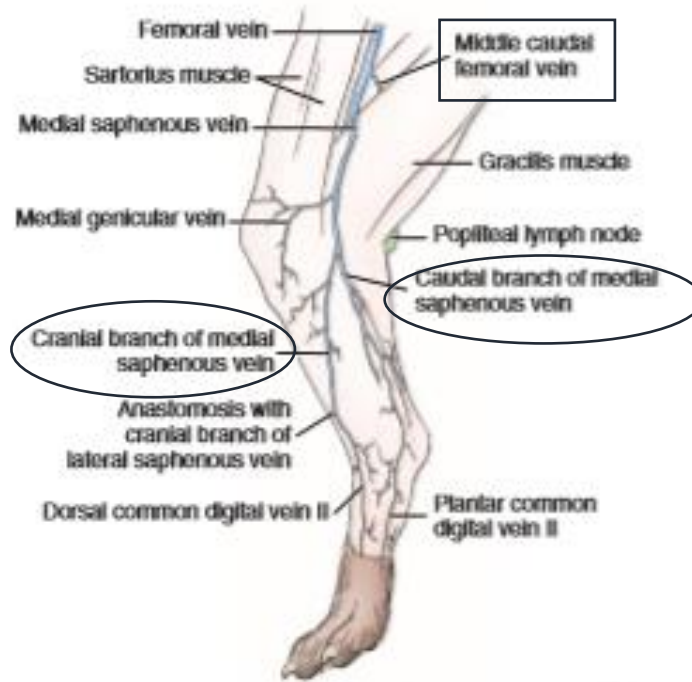
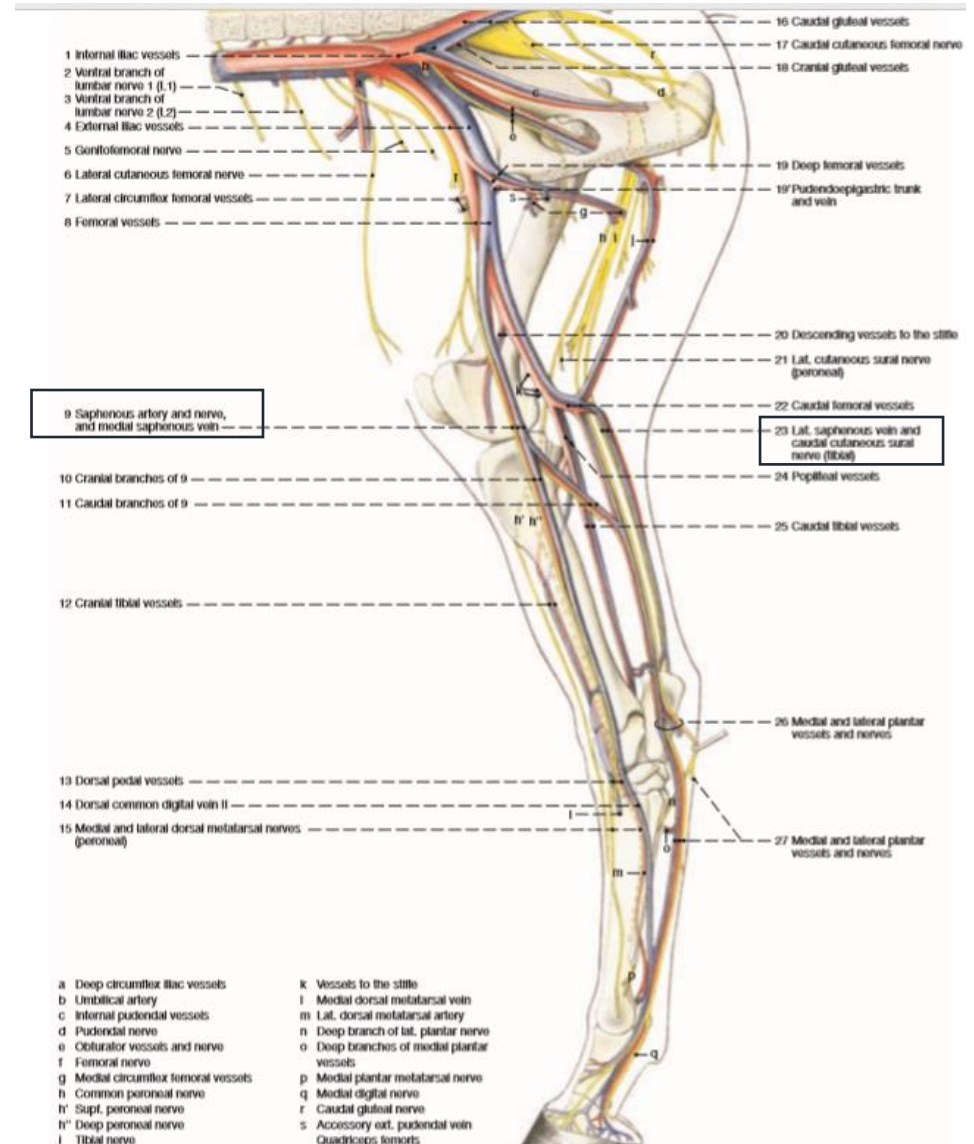


FIGURE 12-18 Superficial veins of the right hind limb, medial aspect.



VÉNÁK

VENA CIRCUMFLEXA FEMORIS MEDALIS:

- v. profunda femoris – ba ömlik
- az adductorokon halad ventrálisan a csípőízülettől

felveszi:

1. r. obturatorius for. obturatum-on keresztül a mm. obturatorii - felől
2. r. acetabularis – csípőízület, rotátorok
3. r. profundus – m. obturatorius ext., m. quadratus fem.
4. r. ascendens – adduktorok, csípőizmok
5. r. transversus (r. descendens):
 - térdízület
 - m. biceps femoris,
 - m. semitendonosus et membranosus

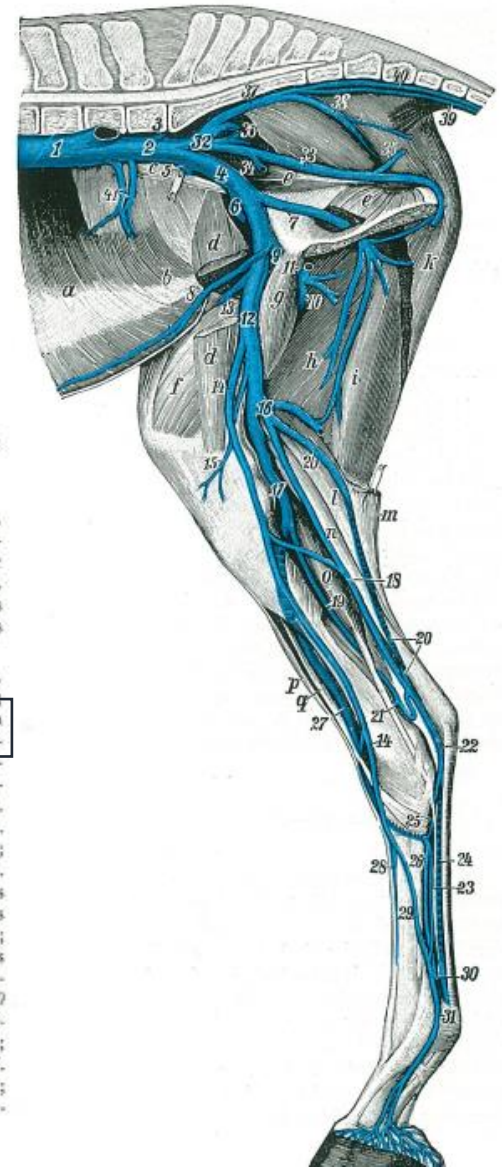


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes. Medialansicht.
(Nach ELLENBERGER UND BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite, M. adductor weggeschnitten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale, m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliofemorialis; 6 V. iliofemorialis; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt V. comitans n. tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis, 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsae perforans distalis; 26 V. metatarsea plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsea dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutaea cranialis; 37, 38 V. glutaea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda

VÉNÁK

VENA FEMORALIS:

- v. iliaca ext.-ba ömlik a canalis femorálisban
- az a. femoralis – tól caudálisan
- a n. saphenus – tól mediálisan
- a m. pectineus –on craniálisan
- a m. adductor magnus et brevis mentén
- a fossa popliteában felveszi a v. popliteát

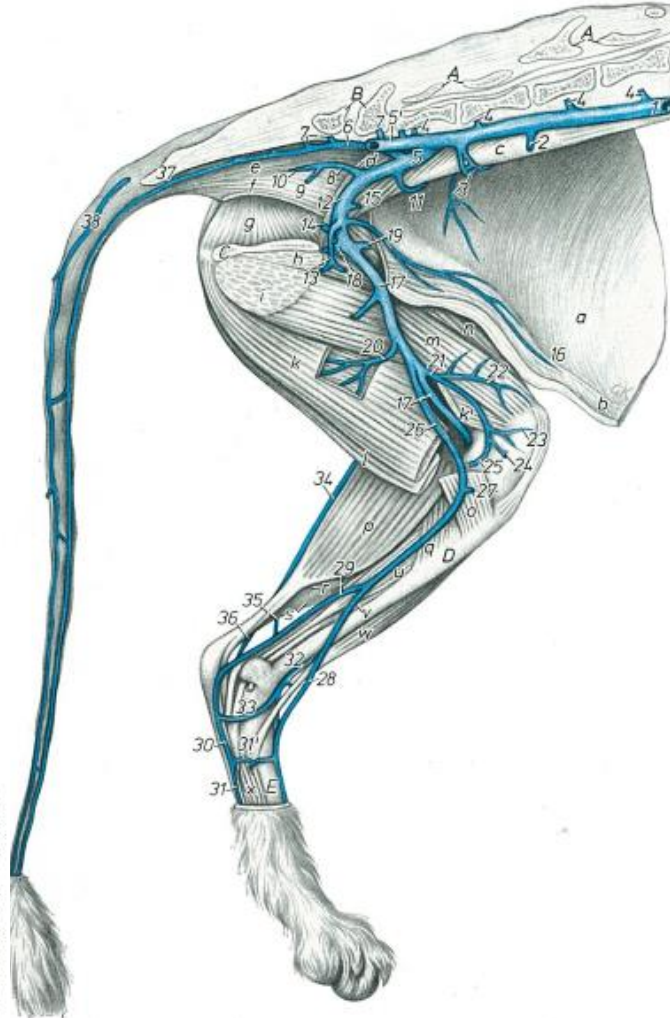


Abb. 194. Venen der linken Beckengliedmaße einer Katze, Medialansicht.
(Nach Birk, 1966, Diss., Hannover.)

A Vertebrae lumbales; B Vertebrae sacrales; C Symphysis pelvina; D Tibia; E Os metatarsale II

a M. transversus abdominis; b M. rectus abdominis; c M. psoas minor; d M. iliopsoas; e M. sacrocaudalis ventralis lateralis; f M. coccygeus; g M. obturatorius internus; h M. adductor longus und M. pectineus; i M. adductor; k, k' M. semimembranosus; l M. semitendinosus; m M. vastus medialis; n M. rectus femoris; o Ansatz des kaudalen Bauches des M. sartorius; p M. gastrocnemius, Caput mediale; q M. popliteus; r M. flexor digitalis superficialis; s M. gastrocnemius, Caput laterale; t M. flexor hallucis longus; u M. flexor digitalis longus; v M. tibialis caudalis; w M. tibialis cranialis; x Mm. interosset

1 V. cava caudalis; 2 V. renalis; 3 V. circumflexa ilium profunda; 4 Vv. lumbales IV–VII; 5 V. iliaca communis sinistra; 6 V. iliaca communis dextra; 7 V. sacralis mediana, 7 Rr. sacrales; 8 V. iliaca interna; 9 V. pudenda interna; 10 V. glutaea caudalis, 11 R. anastomoticus mit der V. circumflexa ilium profunda; 12 V. iliaca externa; 13 V. pudenda externa; 14 V. vesicalis media; 15 V. abdominalis caudalis; 16 V. epigastrica caudalis; 17 V. femoralis; 18 V. profunda femoris; 19 V. circumflexa femoris lateralis; 20 V. caudalis femoris; 21–25 V. genus descendens; 26 V. saphena medialis, 27 R. cutaneus, 28 R. cranialis, 29 R. caudalis; 30 V. plantaris medialis, 31 R. superficialis, 31' R. profundus; 32 Übergang der V. tibialis cranialis in die V. dorsalis pedis; 33 V. tarsea medialis; 34 V. saphena lateralis, 35 R. cranialis, 36 R. caudalis; 37 V. caudalis mediana; 38 V. caudalis lateralis superficialis dextra

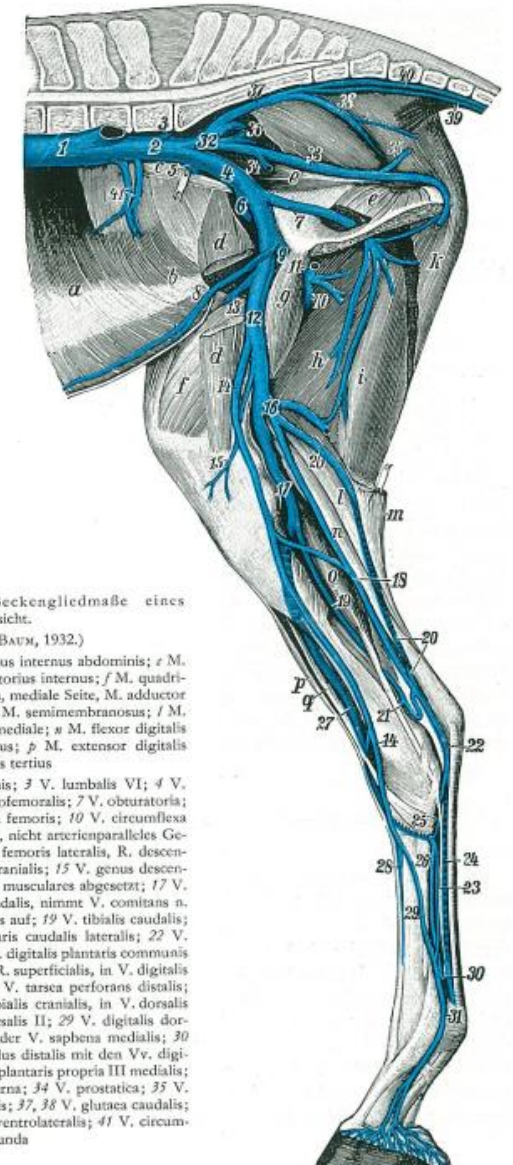


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes, Medialansicht.
(Nach ELLENBERGER und BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite, M. adductor weggeschritten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale, m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

f V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliolumbalis; 6 V. ilioc femoralis; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt V. comitans n. tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis, 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsea perforans distalis; 26 V. metatarsea plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsea dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutaea cranialis; 37, 38 V. glutaea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda

VÉNÁK

VENA FEMORALIS:

felveszi:

1. v. circumflexa ilium superficialis kutyában
2. v. circumflexa femoris lateralis
3. v. saphena medialis
4. v. genus descendens
5. vv. caudales femorales

Abb. 194. Venen der linken Beckengliedmaße einer Katze, Medialansicht.
(Nach Birk, 1966, Diss., Hannover.)

A Vertebrae lumbales; B Vertebrae sacrales; C Symphysis pelvina; D Tibia; E Os metatarsale II
a M. transversus abdominis; b M. rectus abdominis; c M. psoas minor; d M. iliopsoas; e M. sacrocaudalis ventralis lateralis; f M. coccygeus; g M. obturatorius internus; h M. adductor longus und M. pectineus; i M. adductor; k, k' M. semimembranosus; l M. semitendinosus; m M. vastus medialis; n M. rectus femoris; o Ansatz des kaudalen Bauches des M. sartorius; p M. gastrocnemius, Caput mediale; q M. popliteus; r M. flexor digitalis superficialis; s M. gastrocnemius, Caput laterale; t M. flexor hallucis longus; u M. flexor digitalis longus; v M. tibialis caudalis; w M. tibialis cranialis; x Mm. interossei

1 V. cava caudalis; 2 V. renalis; 3 V. circumflexa ilium profunda; 4 Vv. lumbales IV—VII; 5 V. iliaca communis sinistra; 5' V. iliaca communis dextra; 6 V. sacralis mediana, 7 Rt. sacrales; 8 V. iliaca interna; 9 V. pudenda interna; 10 V. glutaea caudalis, 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt Vv. communes in tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis, 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsae perforans distalis; 26 V. metatarsae plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsae dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutaea cranialis; 37, 38 V. glutaea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda

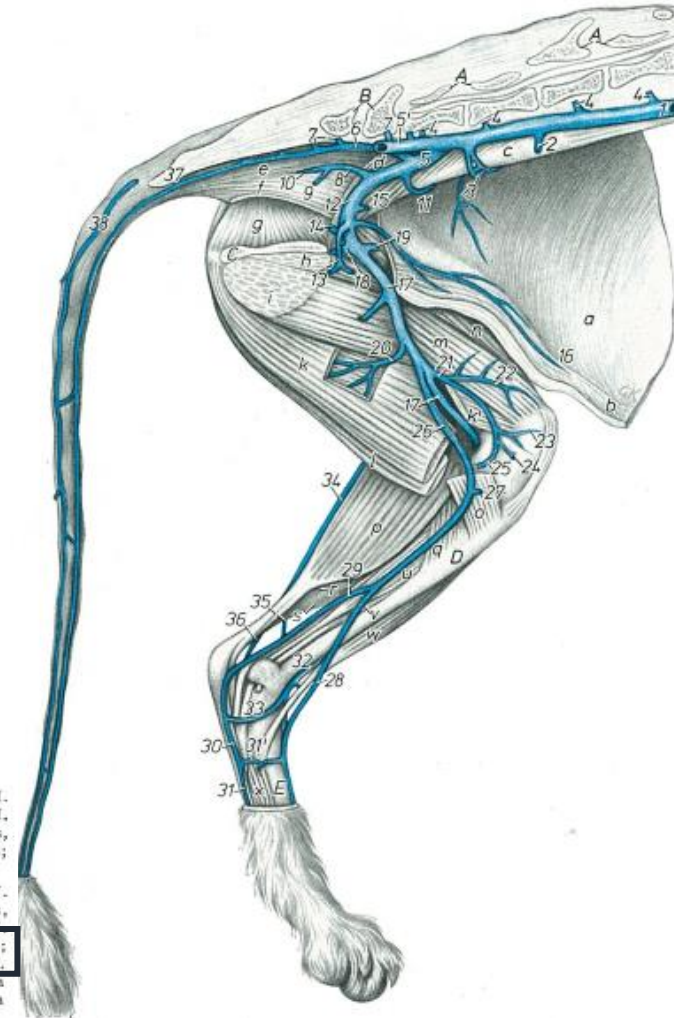
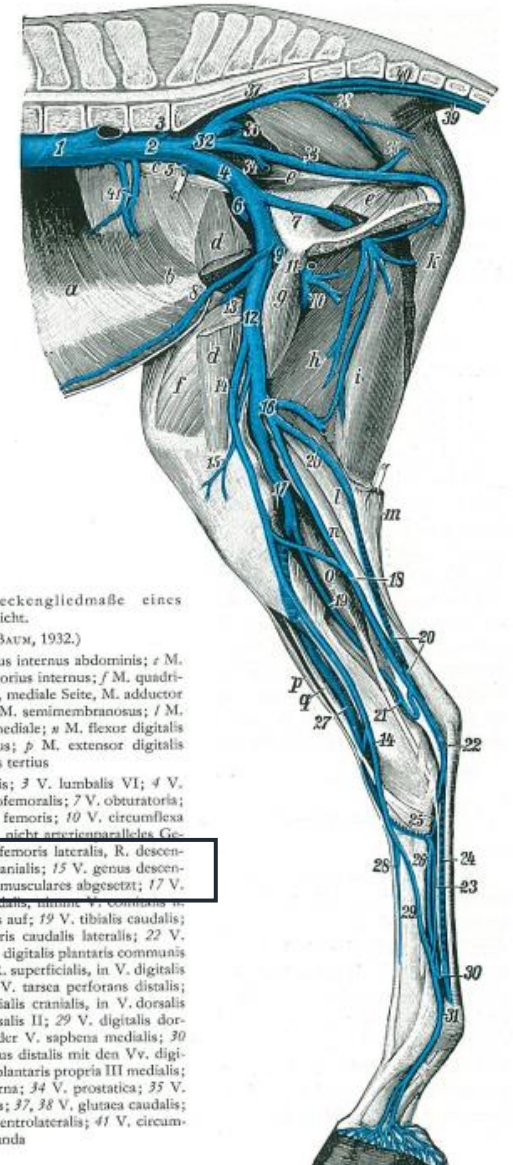


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes, Medialansicht.

(Nach ELLENBERGER und BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite, M. adductor weggeschnitten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale; m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliolumbalis; 6 V. iliofemorialis; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt Vv. communes in tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis, 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsae perforans distalis; 26 V. metatarsae plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsae dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutaea cranialis; 37, 38 V. glutaea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda



VÉNÁK

VENA CIRCUMFLEXA ILIUM SUPERFICIALIS:

- csak húsevőben
- a m. rectus femoris mediális felszínén halad
- a m. tensor fasciae latae és a m. sartorius pars caudalisán

felveszi:

1. rr. musculares

Abb. 194. Venen der linken Beckengliedmaße einer Katze, Medialansicht.
(Nach Bixt, 1966, Diss., Hannover.)

A Vertebrae lumbales; B Vertebrae sacrales; C Symphysis pelvina; D Tibia; E Os metatarsale II
a M. transversus abdominis; b M. rectus abdominis; c M. psoas minor; d M. iliopsoas; e M. sacrocaudalis ventralis lateralis; f M. coccygeus; g M. obturatorius internus; h M. adductor longus und M. pectineus; i M. adductor; k, k' M. semimembranosus; l M. semitendinosus; m M. vastus medialis; n M. rectus femoris; o Ansatz des kaudalen Bauches des M. sartorius; p M. gastrocnemius, Caput mediale; q M. popliteus; r M. flexor digitalis superficialis; s M. gastrocnemius, Caput laterale; t M. flexor hallucis longus; u M. flexor digitalis longus; v M. tibialis caudalis; w M. tibialis cranialis; x Mm. interossei
1 V. cava caudalis; 2 V. renalis; 3 V. circumflexa ilium profunda; 4 Vv. lumbales IV—VII; 5 V. iliaca communis sinistra; 5' V. iliaca communis dextra; 6 V. sacralis mediana; 7 Rr. sacrales; 8 V. iliaca interna; 9 V. pudenda interna; 10 V. glutea caudalis; 11 R. anastomoticus mit der V. circumflexa ilium profunda; 12 V. iliaca externa; 13 V. pudenda externa; 14 V. vesicalis media; 15 V. abdominalis caudalis; 16 V. epigastrica caudalis; 17 V. femoralis; 18 V. profunda femoris; 19 V. circumflexa femoris lateralis; 20 V. caudalis femoris; 21—25 V. genus descendens; 26 V. saphena medialis; 27 R. cutaneus; 28 R. cranialis; 29 R. caudalis; 30 V. plantaris medialis; 31 R. superficialis; 31' R. profundus; 32 Übergang der V. tibialis cranialis in die V. dorsalis pedis; 33 V. tarsea medialis; 34 V. saphena lateralis; 35 R. cranialis; 36 R. caudalis; 37 V. caudalis mediana; 38 V. caudalis lateralis superficialis dextra

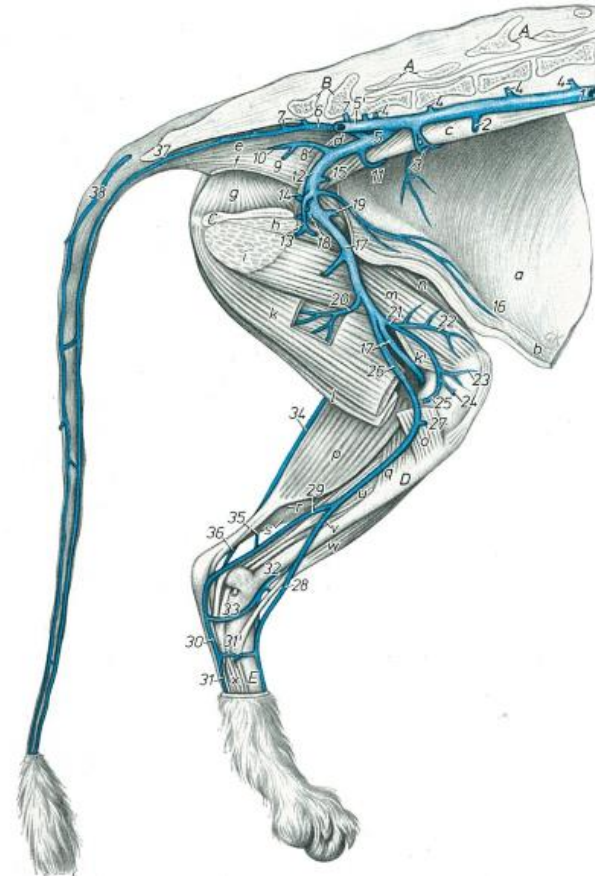
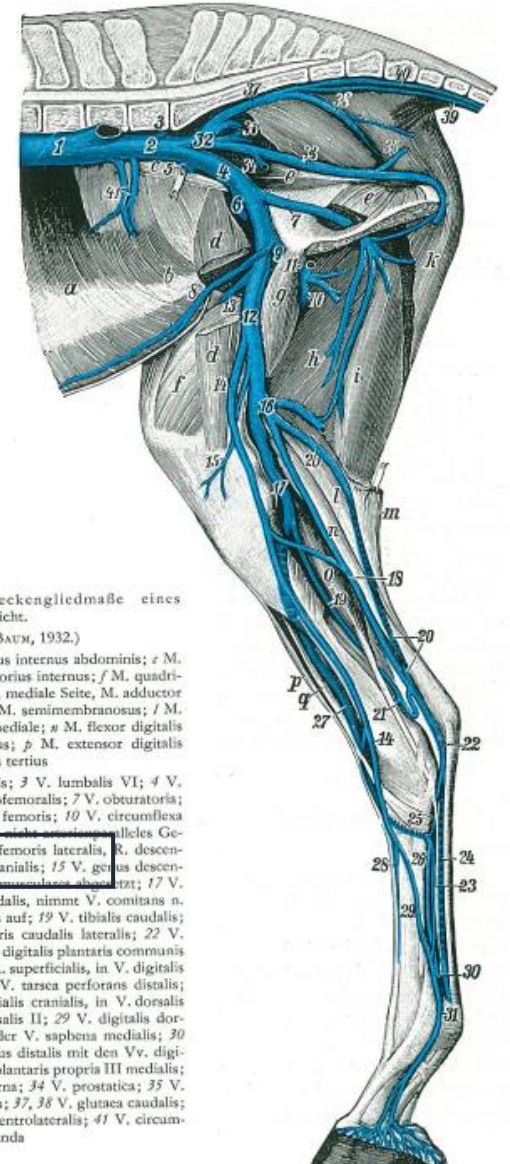


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes, Medialansicht.
(Nach ELLENBERGER UND BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite; i M. adductor weggeschritten; j M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale; m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius
1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. ilio-lumbalis; 6 V. ilio-femorale; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. profunda femoris, mediale Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris; 17 V. profunda femoris; 18 V. poplitea; 19 V. saphena medialis, R. caudalis, nimmt V. comitans n. tibialis aus der V. caudalis femoris distalis auf; 20 V. tibialis caudalis; 21 V. saphena lateralis; 22 V. malleolaris caudalis lateralis; 23 V. plantaris medialis; 24 R. superficialis in V. digitalis plantaris communis II übergehend; 25 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 26 V. tarsea perforans distalis; 27 V. metatarsea plantaris II; 28 V. tibialis cranialis, in V. dorsalis pedis übergehend; 29 V. metatarsea dorsalis II; 30 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 31 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 32 V. digitalis plantaris propria III medialis; 33 V. iliaca interna; 34 V. pudenda interna; 35 V. prostatica; 36 V. perinealis ventralis; 37 V. glutea cranialis; 38 V. glutea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda



VÉNÁK

VENA CIRCUMFLEXA FEMORIS LATERALIS:

- proximálisan a canalis femorálisban a v. femoralis - ba ömlik
- lóban a v. iliocofemoralis – ba ömlik

felveszi:

1. r. ascendens (kivéve ló) – csípőízület, m. gluteus prof. et med.
2. r. descendens - m. quadriceps femoris
3. r. transversus – m. rectus femoris, m. vastus med. et lat.
4. v. circumflexa femoris medialis-sal anasztomizál

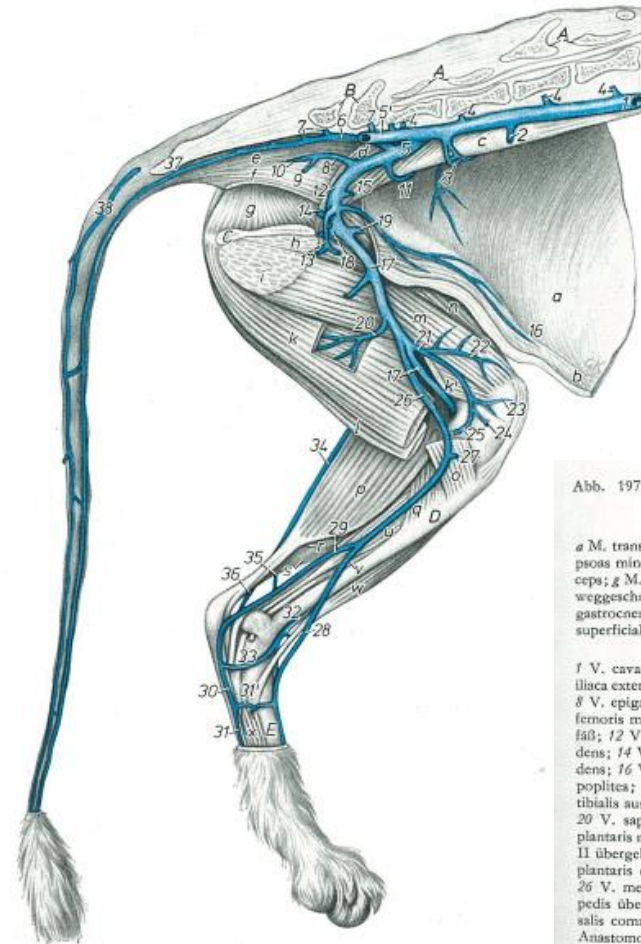


Abb. 194. Venen der linken Beckengliedmaße einer Katze, Medialansicht.

(Nach Birtz, 1966, Diss., Hannover.)

A Vertebrae lumbales; B Vertebrae sacrales; C Symphysis pelvina; D Tibia; E Os metatarsale II

a M. transversus abdominis; b M. rectus abdominis; c M. psoas minor; d M. iliopsoas; e M. sacrocaudalis ventralis lateralis; f M. coccygeus; g M. obturatorius internus; h M. adductor longus und M. pectineus; i M. adductor; k, k' M. semimembranosus; l M. semitendinosus; m M. vastus medialis; n M. rectus femoris; o Ansatz des kaudalen Bauches des M. sartorius; p M. gastrocnemius, Caput mediale; q M. popliteus; r M. flexor digitalis superficialis; s M. gastrocnemius, Caput laterale; t M. flexor hallucis longus; u M. flexor digitalis longus; v M. tibialis caudalis; w M. tibialis cranialis; x Mm. interossei

1 V. cava caudalis; 2 V. renalis; 3 V. circumflexa ilium profunda; 4 Vv. lumbales IV–VII; 5 V. iliaca communis sinistra; 5' V. iliaca communis dextra; 6 V. sacralis mediana, 7 Rr. sacrales; 8 V. iliaca interna; 9 V. pudenda interna; 10 V. glutea caudalis; 11 R. anastomoticus mit der V. circumflexa ilium profunda; 12 V. iliaca externa; 13 V. pudenda externa; 14 V. vesicalis media; 15 V. abdominalis caudalis; 16 V. epigastrica caudalis; 17 V. femoralis; 18 V. profunda femoris; 19 V. circumflexa femoris lateralis; 20 V. caudalis femoris; 21–25 V. genus descendens; 26 V. saphena medialis, 27 R. cutaneus; 28 R. cranialis, 29 R. caudalis; 30 V. plantaris medialis, 31 R. superficialis, 31' R. profundus; 32 Übergang der V. tibialis cranialis in die V. dorsalis pedis; 33 V. tarsica medialis; 34 V. saphena lateralis, 35 R. cranialis, 36 R. caudalis; 37 V. caudalis mediana; 38 V. caudalis lateralis superficialis dextra

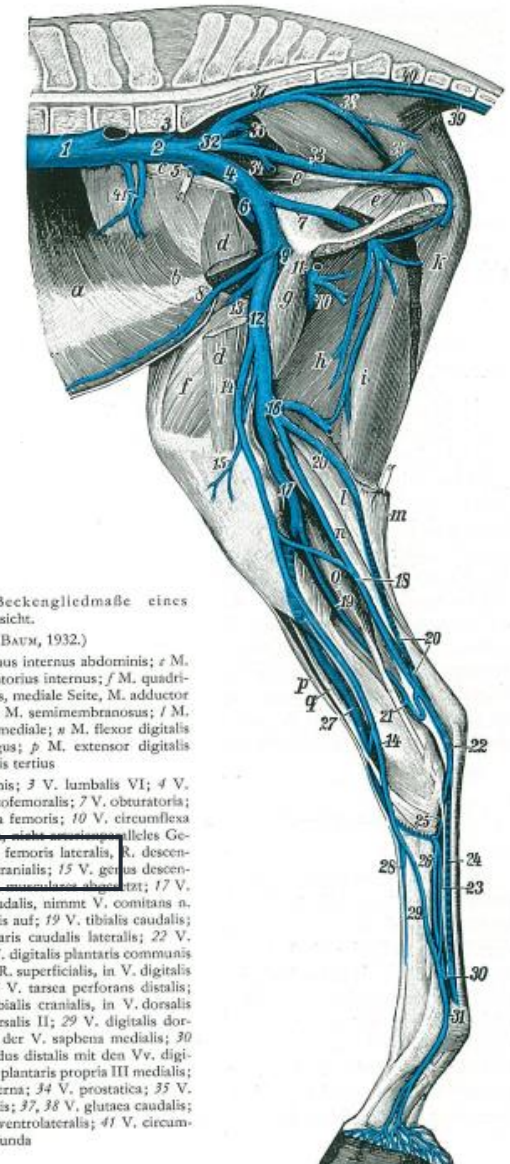


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes, Medialansicht.

(Nach ELLENBERGER und BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite, M. adductor weggeschritten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale, w Caput mediale; m M. flexor digitalis superficialis; n M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliolumbalis; 6 V. iliocofemoralis; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. profunda femoris, R. circumflexus ilium profunda; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt V. comitans n. tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis, 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsica perforans distalis; 26 V. metatarsa plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsa dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutea cranialis; 37, 38 V. glutea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda

VÉNÁK

VENA GENUS DESCENDENS:

- v. femoralis - ba
- a m. vastus medialis caudális szélé mentén a térdízület felől gyűjtőterület:

a. m. vastus medialis

b. m. quadriceps

c. m. adductor magnus et brevis

d. m. semimembranosus

e. térdízület

Abb. 194. Venen der linken Beckengliedmaße einer Katze, Medialansicht.
(Nach Birtz, 1966, Diss., Hannover.)

A Vertebrae lumbales; B Vertebrae sacrales; C Symphysis pelvina; D Tibia; E Os metatarsale II

a M. transversus abdominis; b M. rectus abdominis; c M. psoas minor; d M. iliopsoas; e M. sacrocaudalis ventralis lateralis; f M. coccygeus; g M. obturatorius internus; h M. adductor longus und M. pectineus; i M. adductor; k, k' M. semimembranosus; l M. semitendinosus; m M. vastus medialis; n M. rectus femoris; o Ansatz des kaudalen Bauches des M. sartorius; p M. gastrocnemius, Caput mediale; q M. popliteus; r M. flexor digitalis superficialis; s M. gastrocnemius, Caput laterale; t M. flexor hallucis longus; u M. flexor digitalis longus; v M. tibialis caudalis; w M. tibialis cranialis; x Mm. interossei

1 V. cava caudalis; 2 V. renalis; 3 V. circumflexa ilium profunda; 4 Vv. lumbales IV—VII; 5 V. iliaca communis sinistra; 5' V. iliaca communis dextra; 6 V. sacralis mediana; 7 Rr. sacrales; 8 V. iliaca interna; 9 V. pudenda interna; 10 V. glutea caudalis; 11 R. anastomotikus mit der V. circumflexa ilium profunda; 12 V. iliaca externa; 13 V. pudenda externa; 14 V. vesicalis media; 15 V. abdominalis caudalis; 16 V. epigastrica caudalis; 17 V. femoralis; 18 V. profunda femoris; 19 V. circumflexa femoris lateralis; 20 V. caudalis femoris; 21—25 V. genus descendens; 26 V. saphena medialis; 27 R. cutaneus; 28 R. cranialis; 29 R. caudalis; 30 V. plantaris medialis; 31 V. superficialis; 31' R. profunda; 32 Übergang der V. tibialis cranialis in die V. dorsalis pedis; 33 V. tarsea medialis; 34 V. saphena lateralis; 35 R. cranialis; 36 R. caudalis; 37 V. caudalis mediana; 38 V. caudalis lateralis superficialis dextra

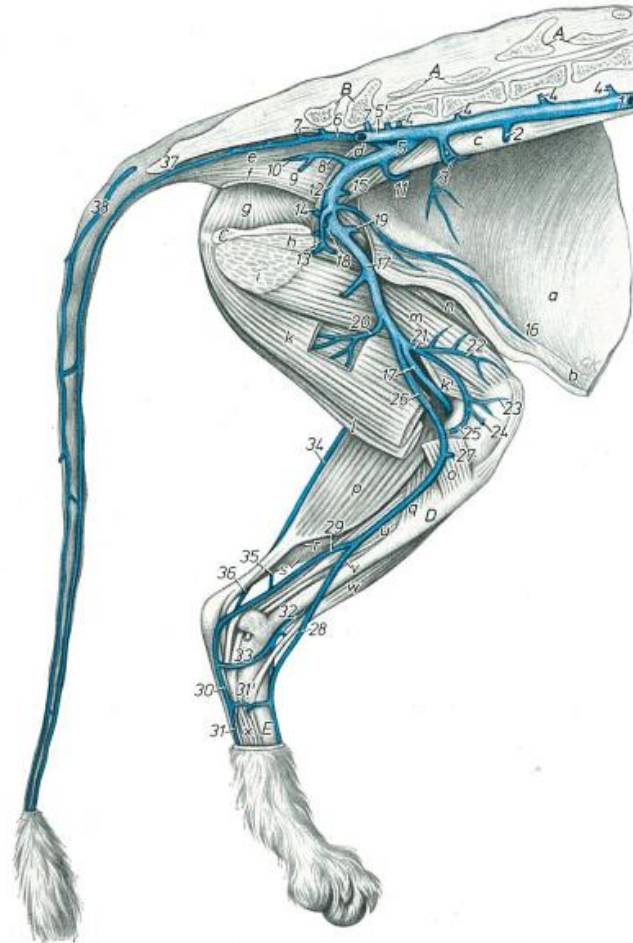
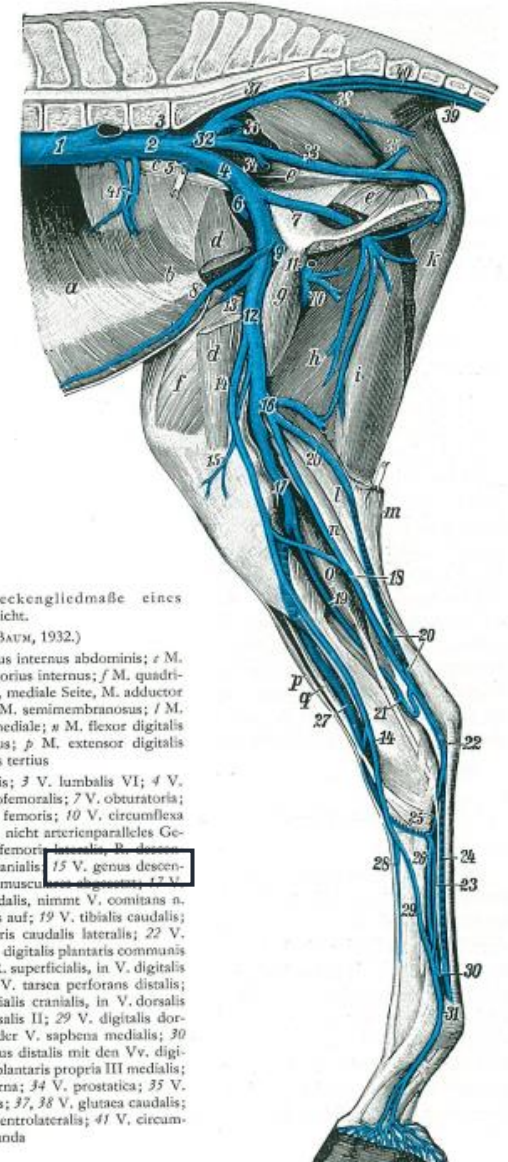


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes, Medialansicht.
(Nach ELLENBERGER und BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite, M. adductor weggeschritten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale; m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliolumbalis; 6 V. iliofemorialis; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arciensparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis; 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsea perforans distalis; 26 V. metatarsea plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsea dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. peronealis ventralis; 36 V. glutea cranialis; 37, 38 V. glutea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda



VÉNÁK

VENAE CAUDALES FEMORIS:

- v. femoralis - ba
- 1. v. caudalis femoris prox.
- 2. v. caudalis femoris med.
- 3. v. caudalis femoris dist. - felveszi a v. saphena lat. - ot

gyűjtőterület:

- m. gastrocnemius
- adduktorok
- m. biceps femoris
- m. semitendinosus et semimembranosus

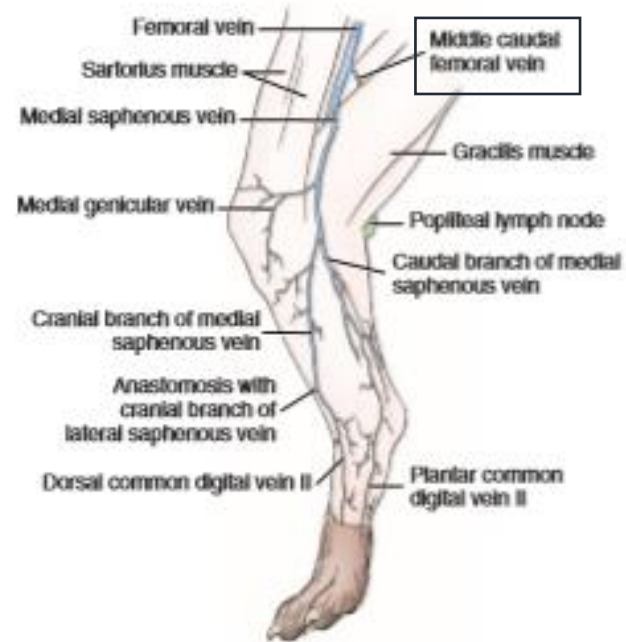


FIGURE 12-18 Superficial veins of the right hind limb, medial aspect.

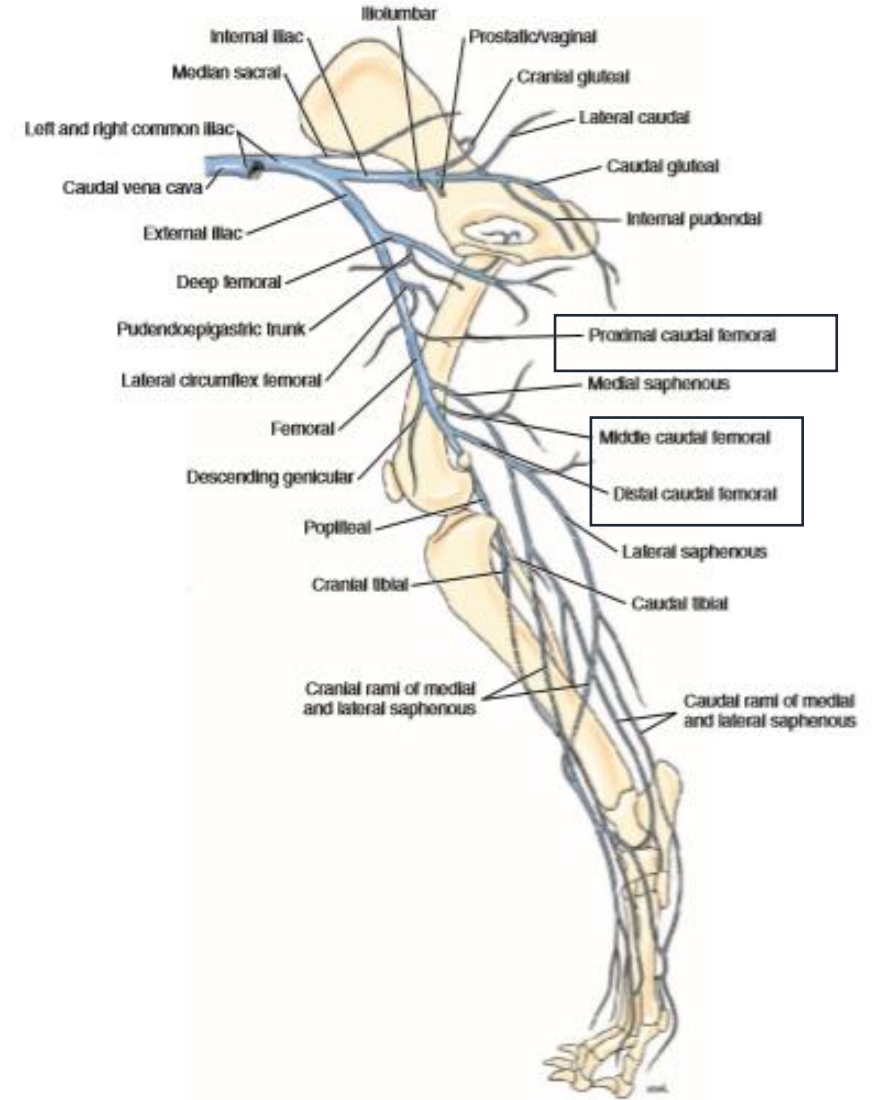


FIGURE 12-19 Veins of the pelvic limb, medial view.

VÉNÁK

VENAE POPLITEA:

- v. femoralis – ba a fossa popliteában
- m. popliteus fedti

felveszi:

1. v. tibialis caudalis
2. v. interossea cruris
3. v. tibialis cranialis proximal a spatium interosseum cruris - ban
4. vv. surales – m. gastrocnemius, hosszú ujjhajlító
5. vv. genus prox., distales medialis et laterales
6. v. genus media

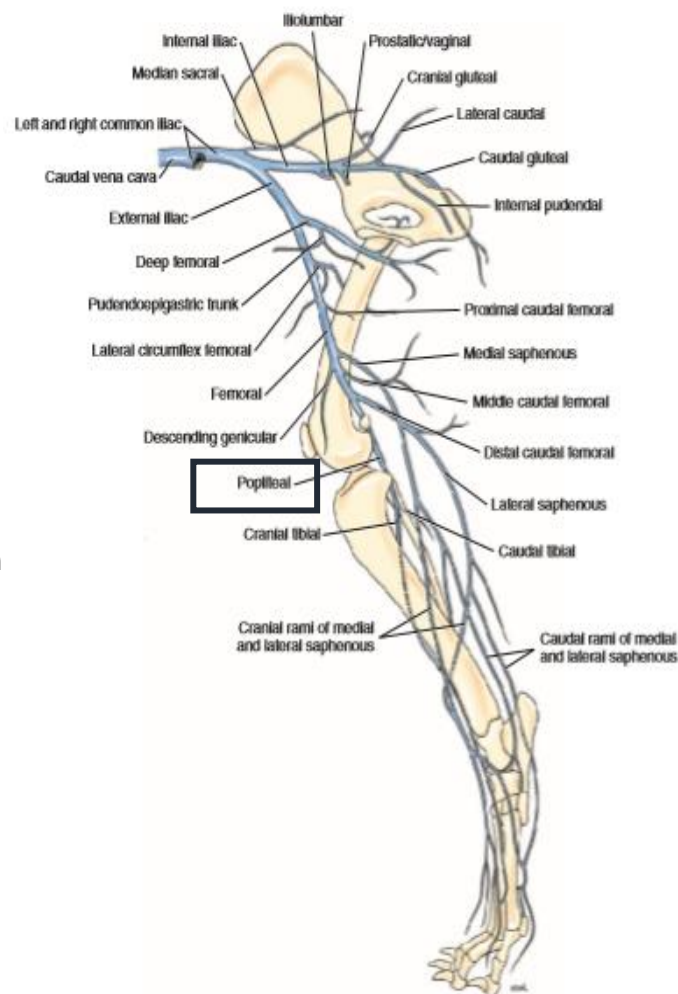


FIGURE 12-19 Veins of the pelvic limb, medial view.

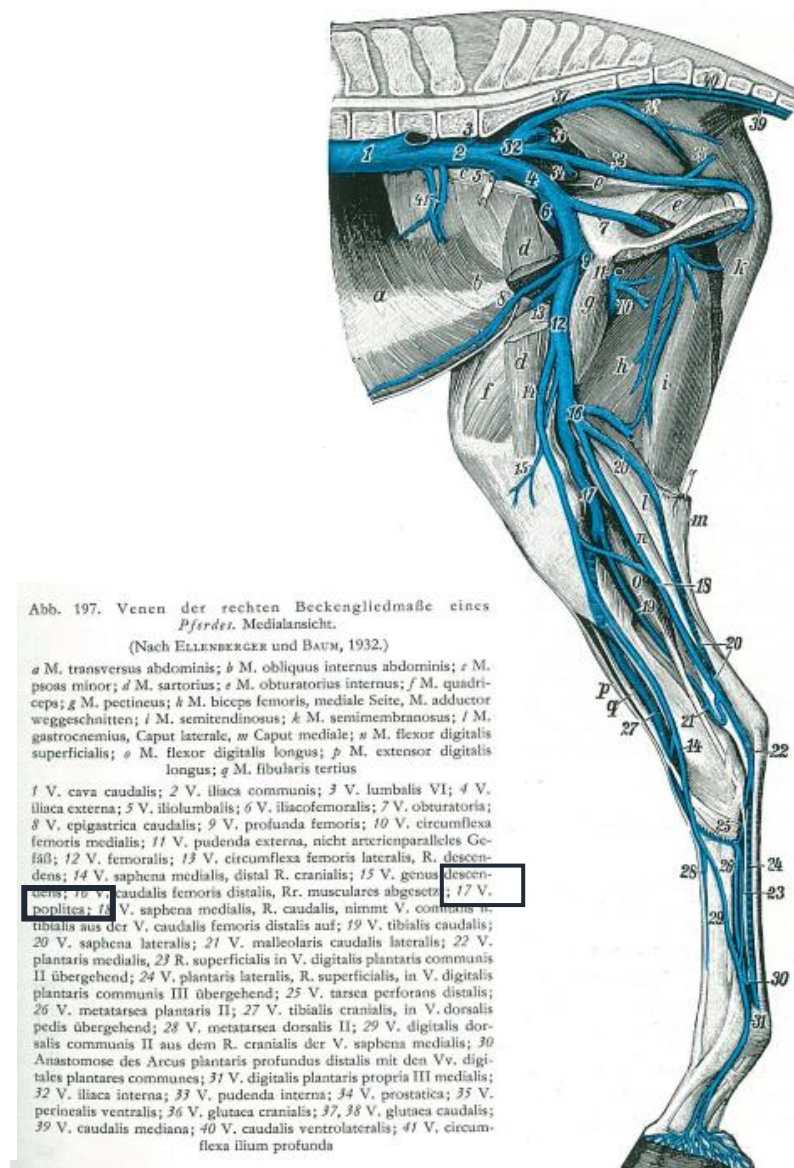


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes, Medialansicht.

(Nach ELLENBERGER UND BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite, M. adductor weggeschlitten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale; m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliolumbalis; 6 V. iliocofemorialis; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt V. communis tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis, 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsae perforans distalis; 26 V. metatarsae plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsae dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutea cranialis; 37, 38 V. glutea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda

VÉNÁK

VENA TIBIALIS CAUDALIS:

- v. popliteába a tibia caudális felszínén

gyűjtőterület:

1. tarsus feszítők

2. ujjhajlítók

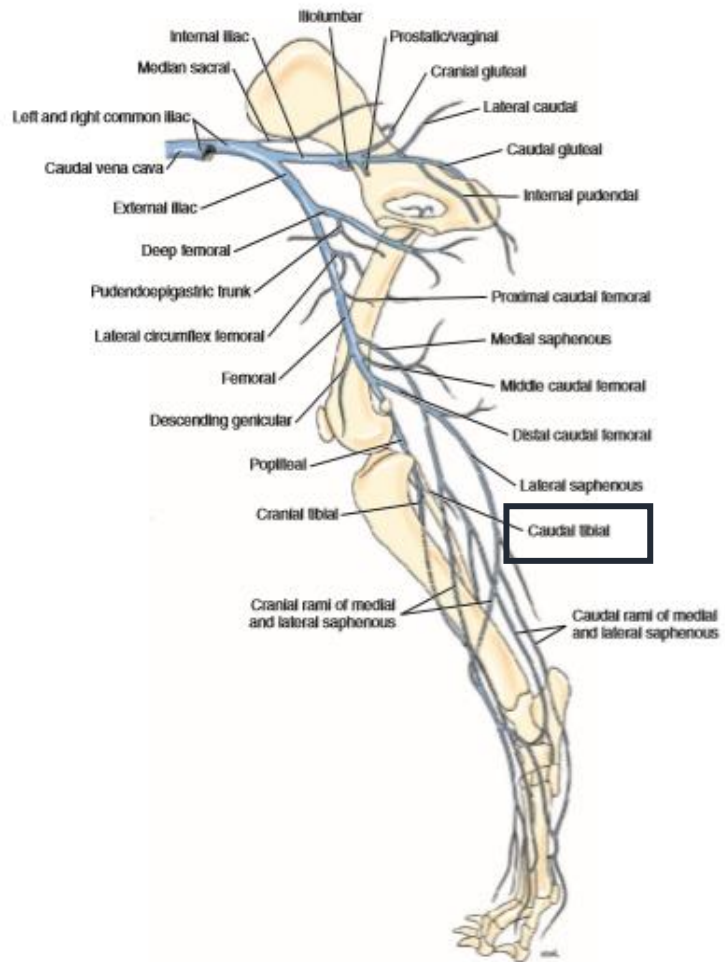


FIGURE 12-19 Veins of the pelvic limb, medial view.

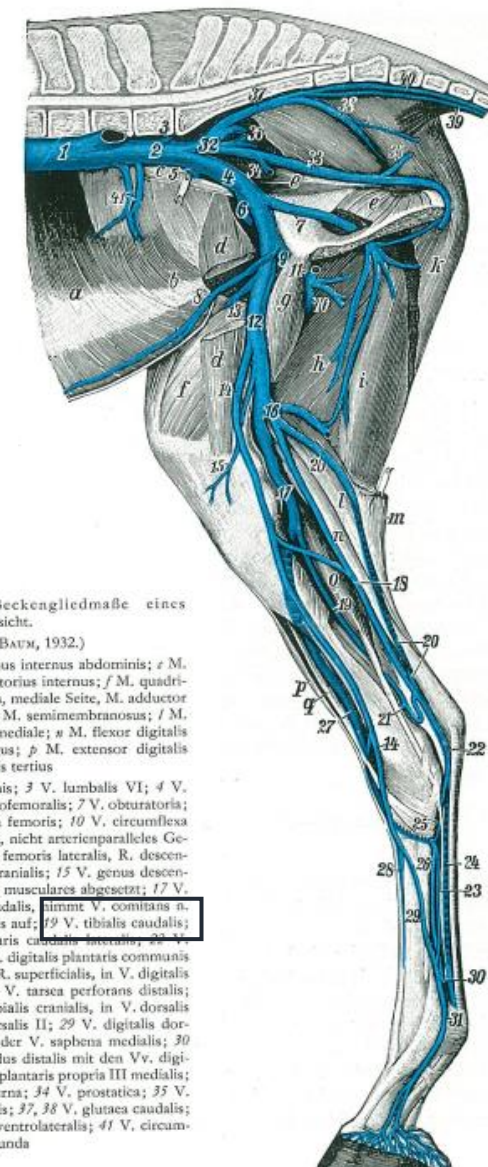


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes. Medialansicht.

(Nach ELLENBERGER und BAUM, 1932.)

a M. transversus abdominis; *b* M. obliquus internus abdominis; *c* M. psoas minor; *d* M. sartorius; *e* M. obturatorius internus; *f* M. quadriceps; *g* M. pectineus; *h* M. biceps femoris, mediale Seite, M. adductor weggeschnitten; *i* M. semitendinosus; *k* M. semimembranosus; *l* M. gastrocnemius, Caput laterale, *m* Caput mediale; *n* M. flexor digitalis superficialis; *o* M. flexor digitalis longus; *p* M. extensor digitalis longus; *q* M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliolumbalis; 6 V. iliocofemoralis; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, stimmt V. comitans n. tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis, 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsae perforans distalis; 26 V. metatarsae plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsae dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutaea cranialis; 37, 38 V. glutaea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda

VÉNÁK

VENA TIBIALIS CRANIALIS:

- a m. popliteus distális szélén a v. popliteába
- proximálisan áthalad a spatium interosseum crurison
- gyakran kettős
- tibián craniolaterálisan
- m. tibialis cranialis fedí

gyűjtőterület:

1. tarsus hajlító
2. ujjfesztők

felveszi:

- v. dorsalis pedis a tarsális ízület

magasságában

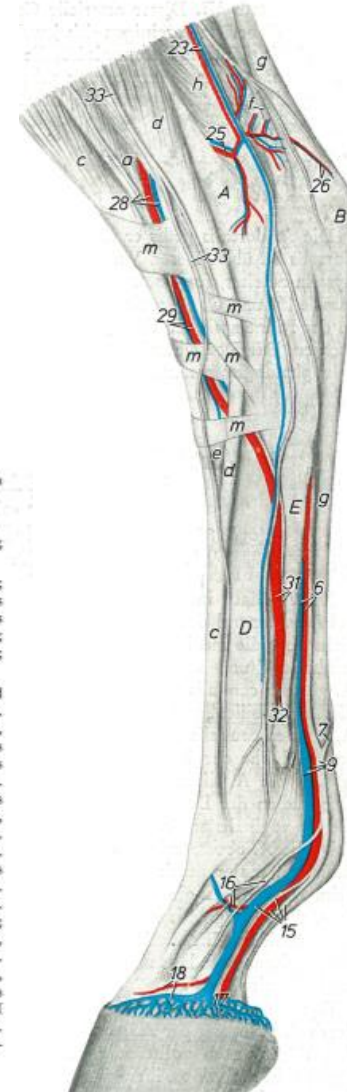


Abb. 124. Arterien und Venen des linken Hinterfußes von einem Pferd. Lateralansicht.

(Nach MARTIN, 1915.)

A Tibia; B Tuber calcanei; C Os metatarsale II; D Os metatarsale III; E Os metatarsale IV

a M. tibialis cranialis; b M. fibularis tertius; c M. extensor digitalis longus; d M. extensor digitalis lateralis; e M. extensor digitalis brevis; f Sehne des M. gastrocnemius; g M. flexor digitalis superficialis; h M. flexor hallucis longus und M. tibialis caudalis; i Sehne des M. flexor digitalis longus; k Sehne des M. flexor digitalis profundus; l M. interosseus medius; m Retinacula extensoria

f A. saphena, R. caudalis, und V. saphena medialis, R. caudalis; 2 A. und V. plantaris medialis mit N. plantaris medialis, 3 R. profundus, 4 R. superficialis; 5 A. und V. plantaris lateralis mit N. plantaris lateralis, 6 R. superficialis, 7 R. communicans; 8 A. und V. digitalis plantaris communis II mit N. digitalis plantaris communis II; 9 A. und V. digitalis plantaris communis III mit N. digitalis plantaris communis III; 10 A. und V. digitalis plantaris propria III medialis mit N. digitalis plantaris proprius III medialis, 11 R. dorsalis phalangis proximalis mit R. dorsalis, 12 R. dorsalis phalangis mediae, 13 R. tori digitalis; 14 A. und V. coronalis; 15 A. und V. digitalis plantaris propria III lateralis mit N. digitalis plantaris propria III lateralis, 16 R. dorsalis phalangis proximalis mit R. dorsalis, 17 R. tori digitalis; 18 A. und V. coronalis; 19 A. saphena, R. cranialis, und V. saphena medialis, R. cranialis, mit N. saphenus; 20 R. anastomotikus; 21 V. digitalis dorsalis communis II; 22 A. und V. comitans n. tibialis mit N. tibialis; 23 V. saphena lateralis, R. caudalis, mit Begleitarterie und N. cutaneus surae caudalis; 24 A. und V. tibialis caudalis; 25 A. und V. metatarsalis lateralis; 26 R. calcanei, 27 R. anastomotikus; 28 A. und V. tibialis cranialis mit N. fibularis profundus; 29 A. und V. dorsalis pedis; 30 V. metatarsalis dorsalis II mit N. metatarsalis dorsalis II; 31 A. tarsalis dorsalis III mit N. metatarsalis dorsalis III, 32 R. perforans distalis; 33 N. fibularis superficialis

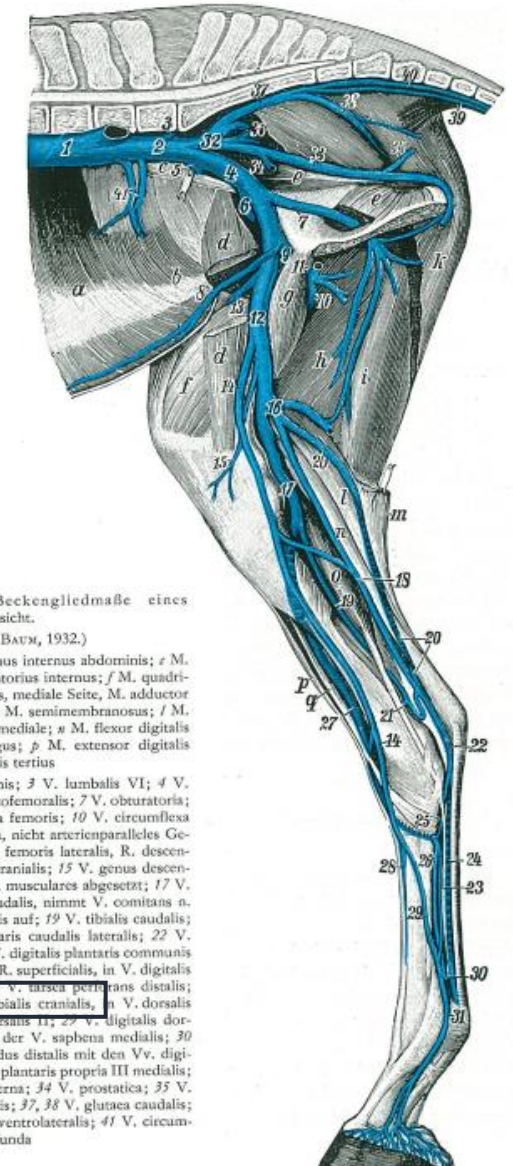


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes. Medialansicht.

(Nach ELLENBERGER und BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite; M. adductor weggeschnitten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale, m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliofemorialis; 6 V. iliocofemorialis; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt V. comitans n. tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis, 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsalis peronealis distalis; 26 V. metatarsalis plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsalis dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutacea cranialis; 37, 38 V. glutacea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda

VÉNÁK

VENA DORSALIS PEDIS:

- v. tibialis cranialis - ba
- felveszi a v. tarsea perforans -t distálisan, áthalad a canalis tarsin a planta pedisre és az arcus plantaris porf. – ba ömlik
- anasztomizál a v. saphena medialis - sal a tarsális ízület magasságában

felveszi:

1. v. tarsalis medialis

2. v. tarsalis lateralis

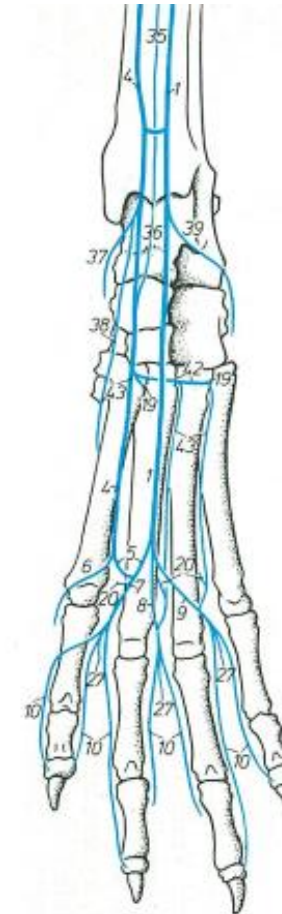
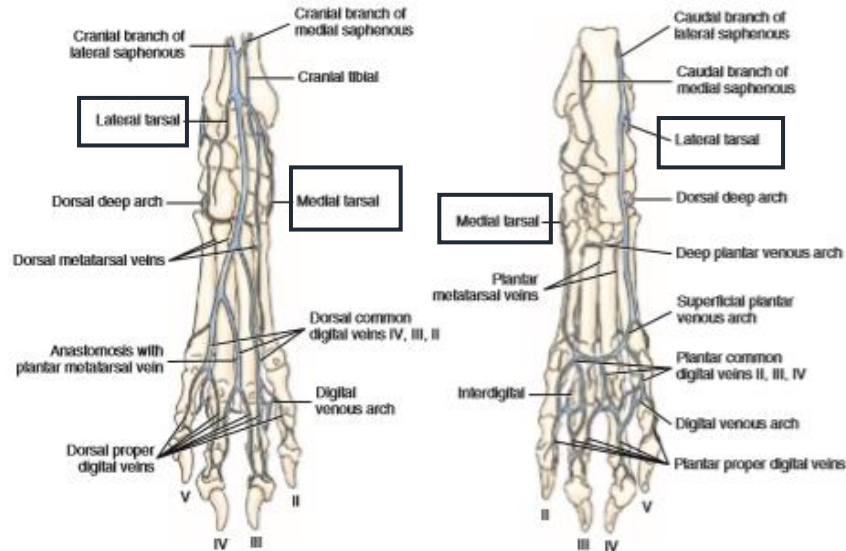


Abb. 202

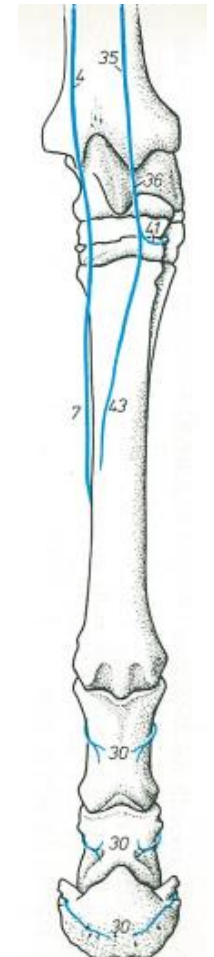


Abb. 205

plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarsae plantares II—IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22—25 Vv. digitales plantares communes I—IV; 22* Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium, 30 Rr. dorsales phalangium proximalium bzw. beim *Pfd.* phalangium proximalis, mediae und distalis; 31 V. comitans n. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena mediali; 34 V. saphena medialis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis; 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarsae dorsales II—IV

PLANTA PEDIS VÉNÁI HÚSEVŐBEN

VENA SAPHENA MEDIALIS RAMUS CAUDALIS:

kutyában

felveszi:

1. v. plantaris medialis

- v. tarsea medialis – sal összeköttetés

2. v. plantaris lateralis

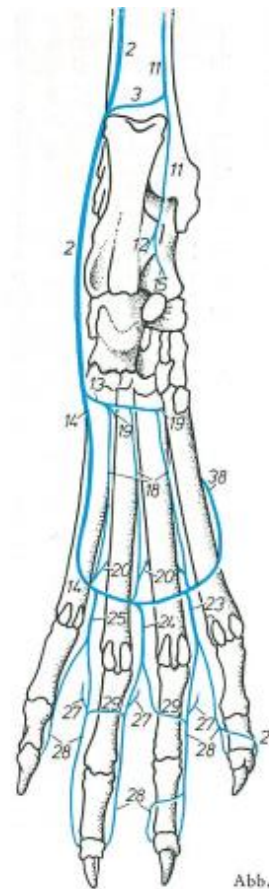
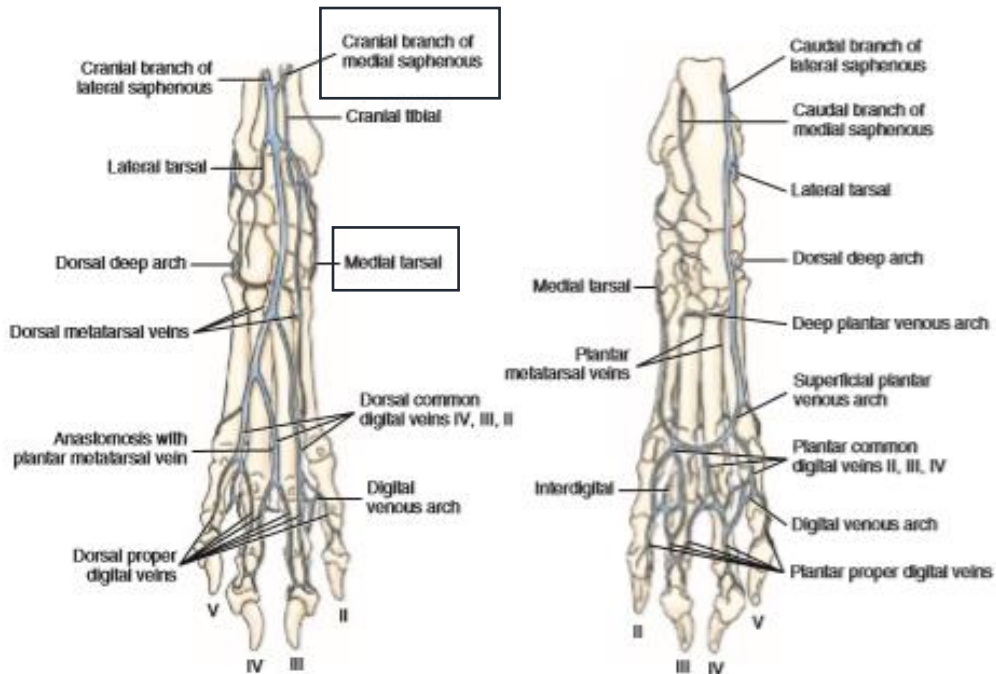


Abb. 198

Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*. Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

Abb. 198—201: Plantaransicht, Abb. 202—205: Dorsalansicht

1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomoticus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis. 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6—9 Vv. digitales dorsales communes I—IV; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 13 und 16, beim *Pf.* nur 13, Arcus

PLANTA PEDIS VÉNÁI HÚSEVŐBEN

VENA SAPHENA LATERALIS RAMUS CAUDALIS:

kutyában:

felveszi:

1. r. superficialis
2. r. profundus – arcus plantaris prof. képzése

ARCUS PLANTARIS PROFUNDUS:

felveszi:

1. vv. metatarsae plantares II – IV.
2. rr. perforantes distales összekötik a dorsális metatarsális vénákkal

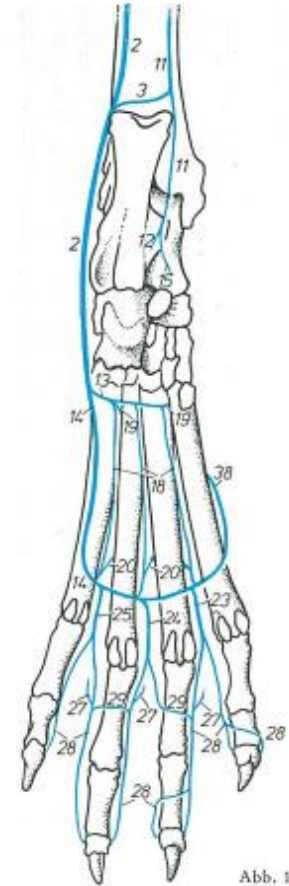


Abb. 198

Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*, Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

Abb. 198–201: Plantaransicht, Abb. 202–205: Dorsalansicht

1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomoticus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis, 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6–9 Vv. digitales dorsales communes I–IV; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 18 und 16, beim *Hd.* nur 18, Arcus

plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarsae plantares II–IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22–25 Vv. digitales plantares communes I–IV; 22' Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium, 30 Rr. dorsales phalangium proximalium bzw. beim *Pfd.* phalangium proximalis, mediae und distalis; 31 V. comitans n. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena medialis; 34 V. malleolaris caudalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis, 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarsae dorsales II–IV

PLANTA PEDIS VÉNÁI HÚSEVŐBEN

ARCUS PLANTARIS SUPERFICIALIS – t képezi kutyában:

a. v. tarsea medialis r. plantaris superficialis - a

b. v. saphena lat. r. caudalis r. superficialis - a

felveszi:

- vv. digitales plantares comm. II – IV.

vv. digitales plantares comm. felveszi:

- vv. digitales plantares propriae

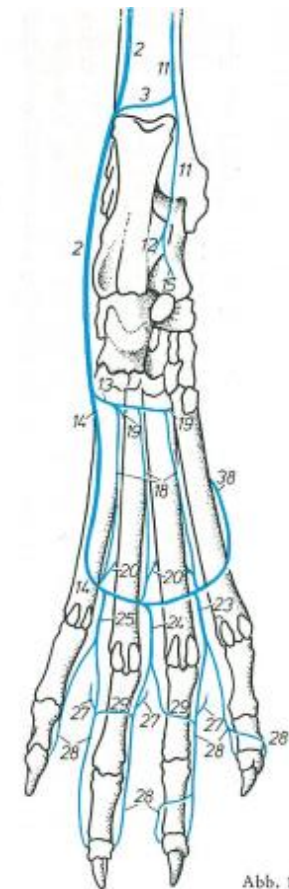


Abb. 198

Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*. Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

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1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomoticus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis, 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6—9 Vv. digitales dorsales communes I—IV; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 18 und 16, beim *Hd.* nur 13, Arcus

plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarsae plantares II—IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22—25 Vv. digitales plantares communes I—IV; 22' Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium, 30 Rr. dorsales phalangium proximalium bzw. beim *Pfd.* phalangium proximalis, mediae und distalis; 31 V. comitans n. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena medialis; 34 V. malleolaris caudalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis, 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarsae dorsales II—IV

DORSUM PEDIS VÉNÁI HÚSEVŐBEN

ARCUS DORSALIS PROFUNDUS –t képezi kutyában:

1. v. dorsalis pedis

- a metatarsus proximális részén
- az arteria arcuatával párhuzamosan

felveszi:

a. vv. metatarsae dorsales II – IV.

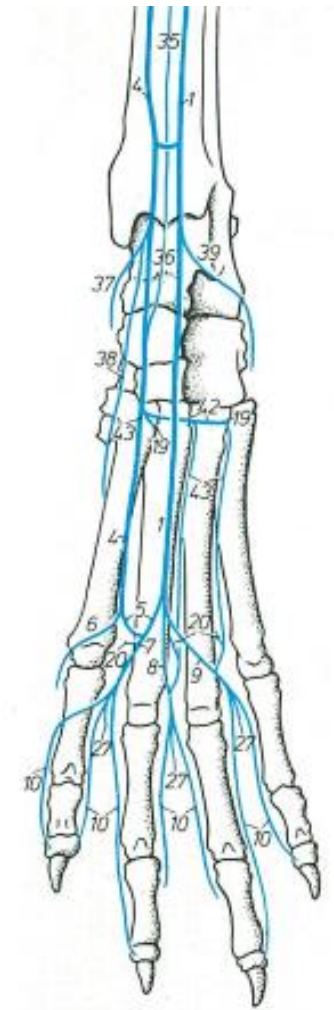
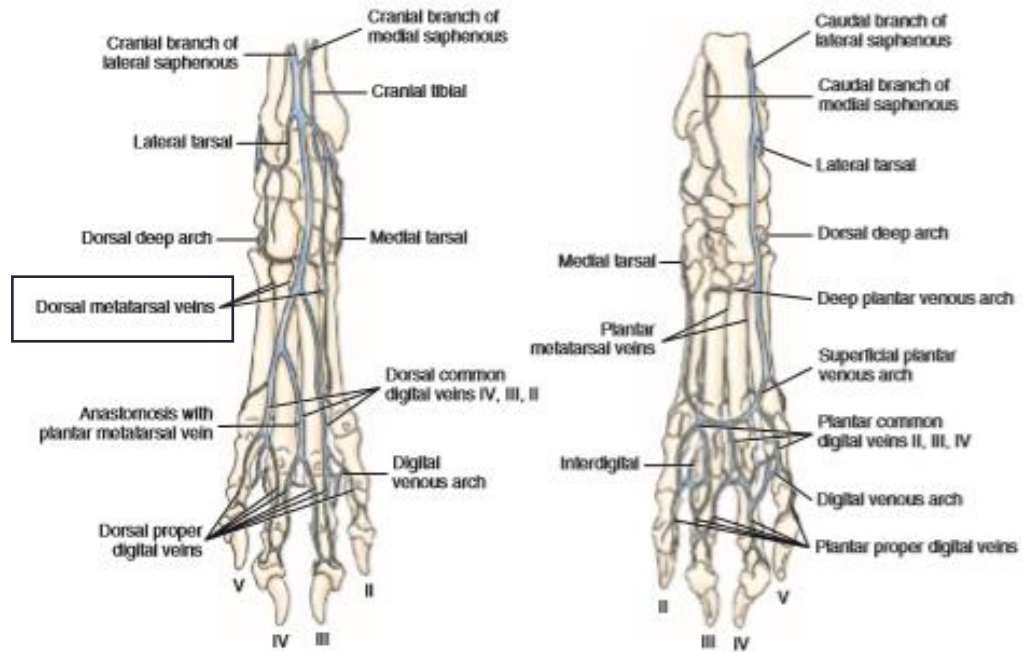


Abb. 202

plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarsae plantares II–IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22–25 Vv. digitales plantares communes I–IV; 22^c Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium, 30 Rr. dorsales phalangium proximalium bzw. beim *Pfd.* phalangium proximalis, mediae und distalis; 31 V. comitans n. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena medialis; 34 V. malleolaris caudalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis; 38 R. plantaris superficialis; 39 R. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 R. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarsae dorsales II–IV

DORSUM PEDIS VÉNÁI HÚSEVŐBEN

VENA SAPHENA MEDIALIS RAMUS CRANIALIS kutyában:

felveszi:

a. v. tarsea medialis - t

VENA SAPHENA LATERALIS RAMUS CRANIALIS:

felveszi:

a. v. tarsea lateralis - t

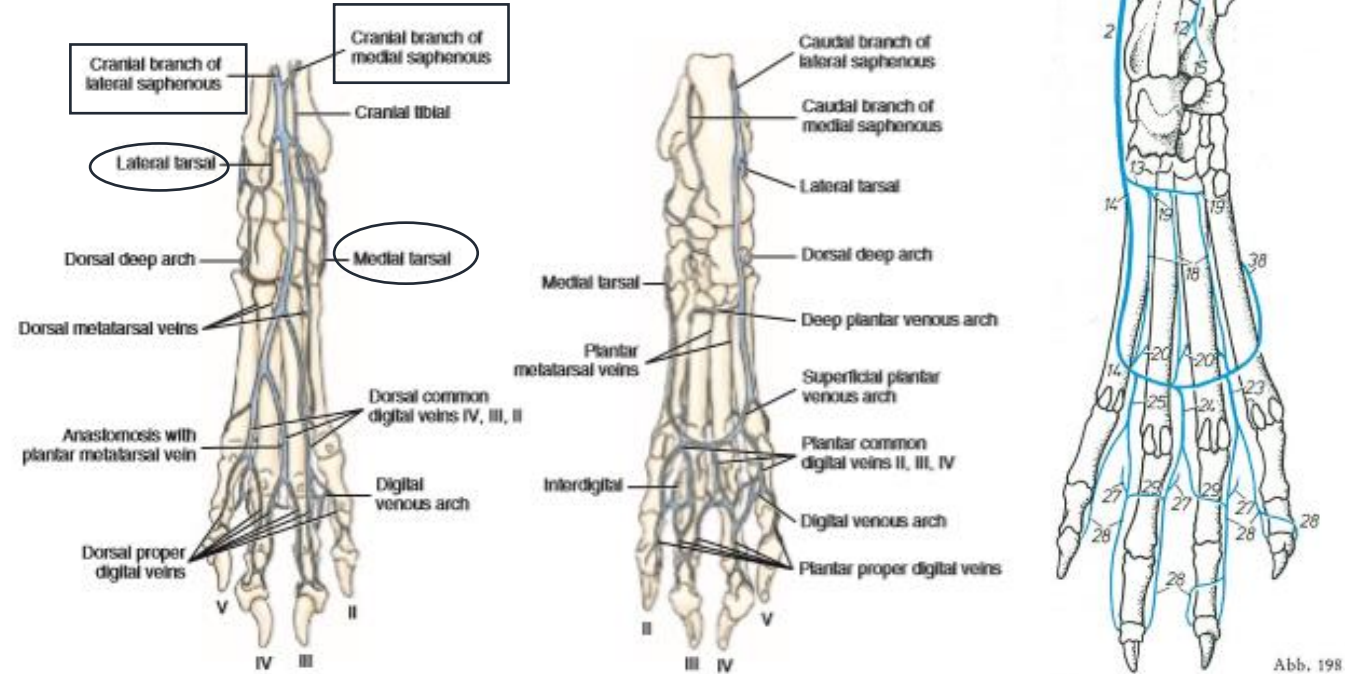


Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*. Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

Abb. 198—201: Plantarsicht, Abb. 202—205: Dorsalsicht

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plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarsae plantares II—IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22—25 Vv. digitales plantares communes I—IV; 22' Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium, 30 Rr. dorsales phalangium proximalium bzw. beim *Pfd.* phalangium proximalis, mediae und distalis; 31 V. comitans n. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena medialis; 34 V. malleolaris caudalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis, 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarsae dorsales II—IV

DORSUM PEDIS VÉNÁI HÚSEVŐBEN

ARCUS DORSALIS SUPERFICIALIS:

- v. saphena med. et lat. rr. cranialis - sai a metatarsustól distálisan hozzák létre

felveszi:

a. vv. digitales dorsales comm. I – IV.

b. vv. digitales dorsales propriae

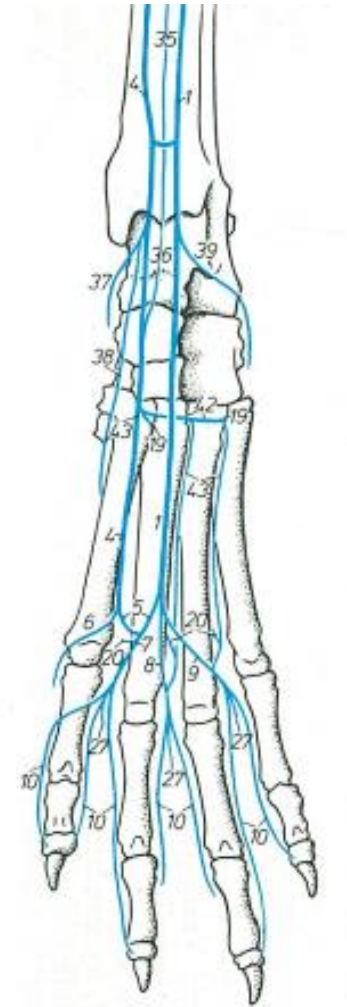


Abb. 202

Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*, Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

Abb. 198—201: Plantaransicht, Abb. 202—205: Dorsalansicht

1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomotikus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis, 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6—9 Vv. digitales dorsales communes I—IV; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 18 und 16, beim *Hd. nut* 13, Arcus

PLANTA PEDIS VÉNÁI LÓBAN

V. SAPHENA MEDIALIS RAMUS CAUDALIS:

sustentaculum tali magasságában felveszi:

1. v. plantaris medialis

2. v. plantaris lateralis

- a vv. plantaresek felveszik a r. superficialis - t et profundus - t

- a rr. profundi – k együtt képzik az arcus plantaris profundus - t

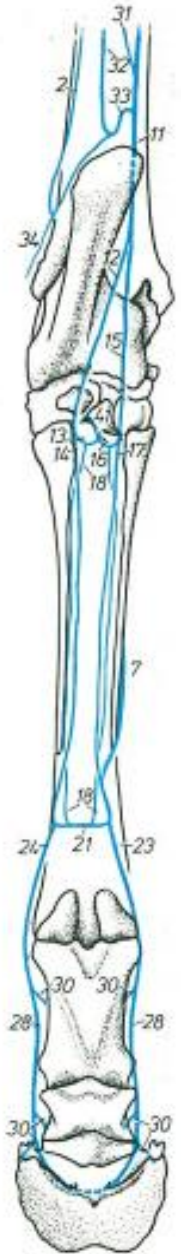


Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*. Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

Abb. 198—201: Plantaransicht, Abb. 202—205: Dorsalansicht

1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomoticus cum v. saphena mediali; 4 R. cranialis der V. saphena medialis, 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6—8 Vv. digitales dorsales communes I—IV; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 18 und 16, beim *Hd.* nur 13, Arcus

plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarsae plantares II—IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22—25 Vv. digitales plantares communes I—IV; 22' Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium, 30 Rr. dorsales phalangium proximalium bzw. beim *Pfd.* phalangium proximalis, mediae und distalis; 31 V. comitans n. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena mediali; 34 V. malleolaris caudalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis, 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarsae dorsales II—IV

Abb. 201

PLANTA PEDIS VÉNÁI LÓBAN

ARCUS PLANTARIS PORFUNDUS – t képezi:

1. v. plantaris medialis ramus profundus
2. v. plantaris lateralis ramus profundus

felveszi:

- a. vv. metatarsae plantares II. et III.

- distálisan a metatarsuson az arcus plantaris profundus – t képzik

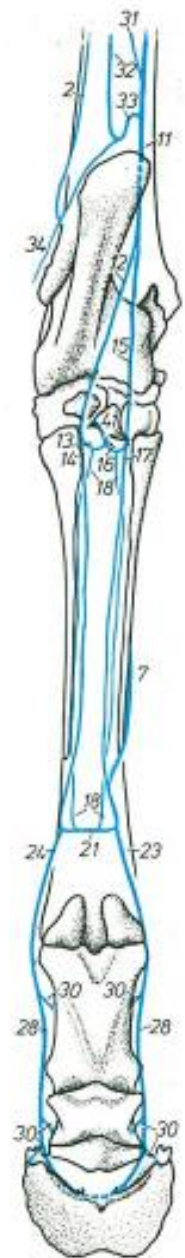
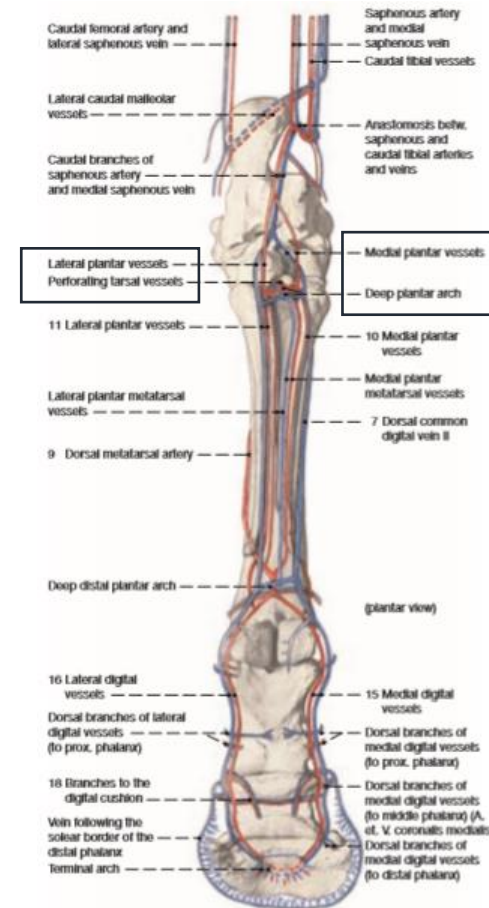


Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von Hund, Schwein, Rind und Pferd. Halbschematisch.

(Nach MÜNSTER, BADAWI UND WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

Abb. 198—201: Plantaransicht, Abb. 202—205: Dorsalansicht

1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomoticus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis; 5 R. medialis; 6 R. lateralis; 7 Arcus dorsalis superficialis; 8 Vv. digitales dorsales communes I—IV; 9 V. caudalis der V. saphena medialis; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus; 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 18 Vv. metatarsae plantares II—IV;

19 R. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22—25 Vv. digitales plantares communes I—IV; 26 V. digitales dorsales communes I—IV; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium, 30 Rr. dorsales phalangium proximalium bzw. beim Pferd phalangium proximalium, mediae und distalis; 31 V. comitans n. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena medialis; 34 V. malleolaris caudalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis, 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarsae dorsales II—IV

Abb. 201

PLANTA PEDIS VÉNÁI LÓBAN

V. PLANTARIS MEDIALIS RAMUS SUPERFICIALIS:

- felveszi a v. digitalis plantaris comm. II. - t

v. digitalis plantaris comm. II. felveszi:

1. v. digitalis plantaris (propria II.) medialis - t

a. v. digitalis plantaris comm. II. felveszi a v. digitalis dorsalis comm. - t

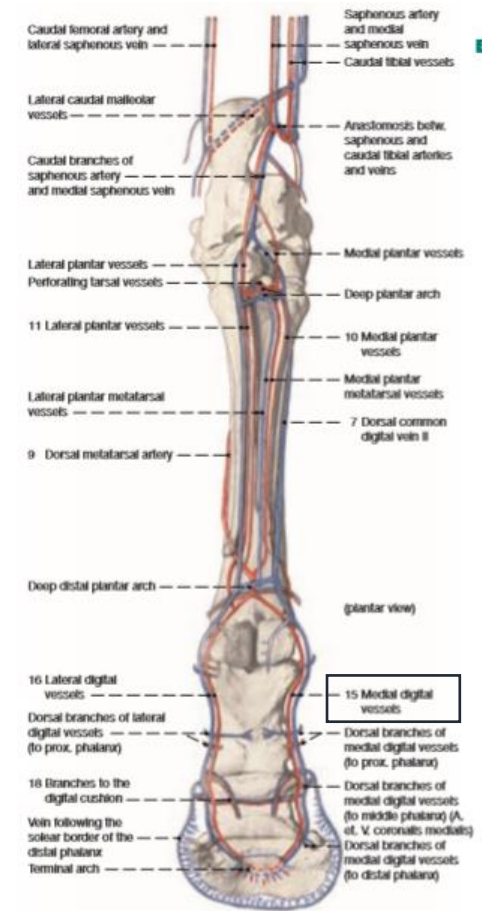


Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*. Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

Abb. 198—201: Plantaransicht, Abb. 202—205: Dorsalansicht

1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomoticus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis, 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6—9 Vv. digitales dorsales communes I—IV; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profunda, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 18 und 16, beim *Hd.* nur 13, Arcus

plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarsae plantares II—IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22—25 Vv. digitales plantares communes I—IV; 22' Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium; 30 Rr. dorsales phalangium proximalium bzw. beim *Hd.* phalangium proximale, med. und distale; 31 V. comitans n. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena medialis; 34 V. malleolaris caudalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis, 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 V. metatarsae dorsales II—IV

Abb. 201

PLANTA PEDIS VÉNÁI LÓBAN

V. PLANTARIS LATERALIS RAMUS SUPERFICIALIS:

- felveszi a v. digitalis plantaris comm. III.

v. digitalis plantaris comm. III. felveszi:

1. v. digitalis plantaris (propria III.) lateralis - t

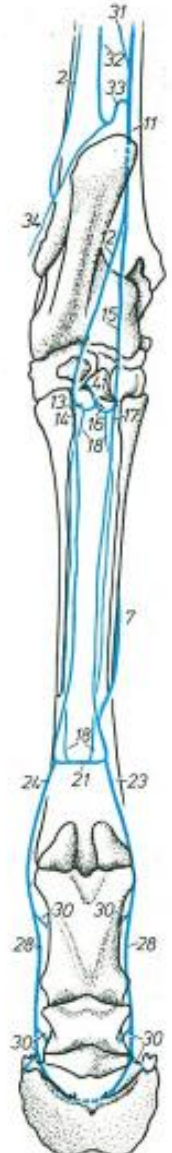
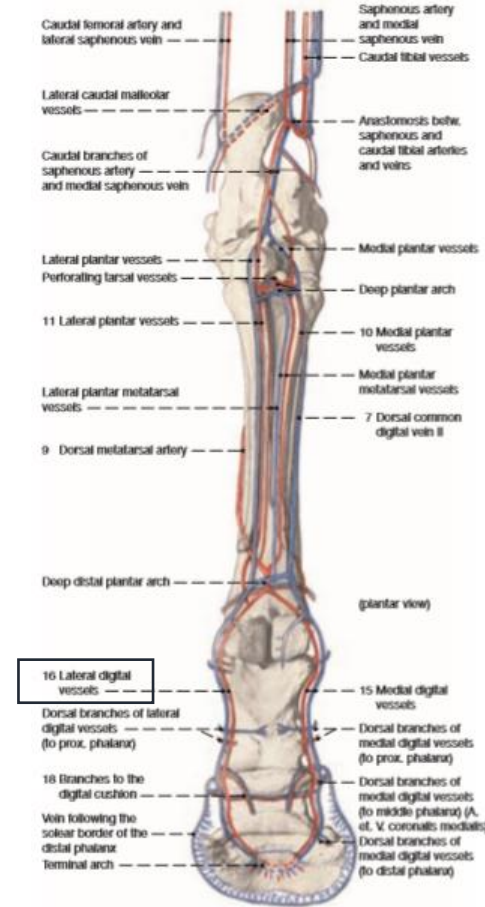


Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*. Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

Abb. 198—201: Plantaransicht, Abb. 202—205: Dorsalansicht

1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomoticus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis, 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6—9 Vv. digitales dorsales communes I—IV; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 18 und 16, beim *Hd.* nur 13, Arcus

plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarsae plantares II—IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22—25 Vv. digitales plantares communes I—IV; 22' Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium; 30 Rr. dorsales phalangium proximalium bzw. beim *Hd.* phalangium proximalis, medialis und distalis; 31 V. comitans n. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena medialis; 34 V. malleolaris caudalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis, 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarsae dorsales II—IV

Abb. 201

DORSUM PEDIS VÉNÁI LÓBAN

VENA DORSALIS PEDIS:

- anasztomizál a v. saphena medialis r. cranialis - ával

felveszi:

a. v. tarsea perforans – t

b. v. metatarsea dorsalis II.

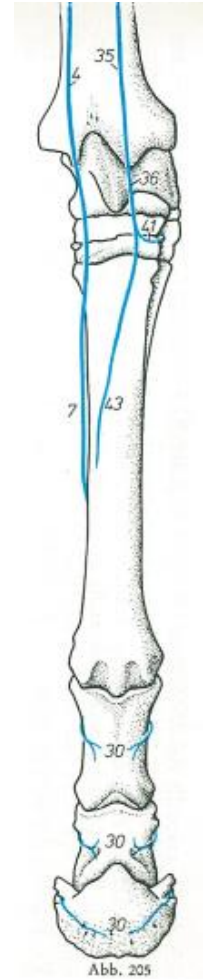


Abb. 205

plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarseae plantares II–IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22–25 Vv. digitales plantares communes I–IV; 22' Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium, 30 Rr. dorsales phalangium proximalium bzw. beim *Pfd.* phalangium proximalis, mediae und distalis; 31 V. comitans r. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena medialis; 34 V. metatarsalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis, 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarseae dorsales II–IV

DORSUM PEDIS VÉNÁI LÓBAN

VENA SAPHENA MEDIALIS RAMUS CRANIALIS:

- felveszi a v. digitalis dorsalis comm. II.
- anasztomizál a v. digitalis plantaris comm. II. - al az os metatarsale II. distális végén

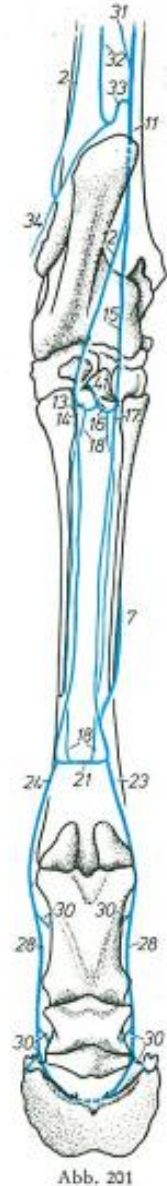


Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*. Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, *Inst.-Arb.*, Hannover.)

Abb. 198—201. Plantarsicht, Abb. 202—205. Dorsalsicht

1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomoticus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis, 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6—9 Vv. digitales dorsales communes I—IV; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 18 und 16, beim *Hd.* nur 18, Arcus

plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarsae plantares II—IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22—25 Vv. digitales plantares communes I—IV; 22' Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium, 30 Rr. dorsales phalangium proximalium bzw. beim *Pfd.* phalangium proximalis, mediae und distalis; 31 V. comitans n. tibialis; 32 V. tibialis caudalis; 33 R. anastomoticus cum v. saphena medialis; 34 V. malleolaris caudalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis, 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarsae dorsales II—IV

Abb. 201

DORSUM PEDIS VÉNÁI LÓBAN

V. digitalis med. et lat. felveszik:

a. r. phalangis prox.

b. r. phalangis mediae

c. r. phalangis distalis

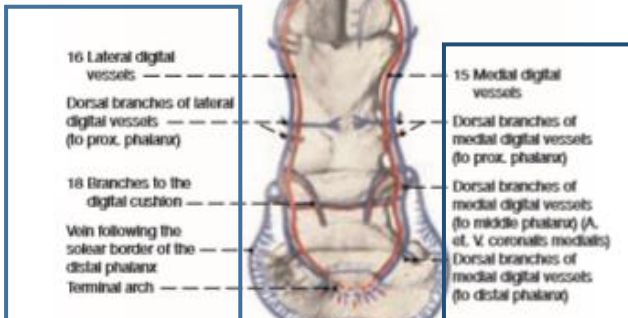
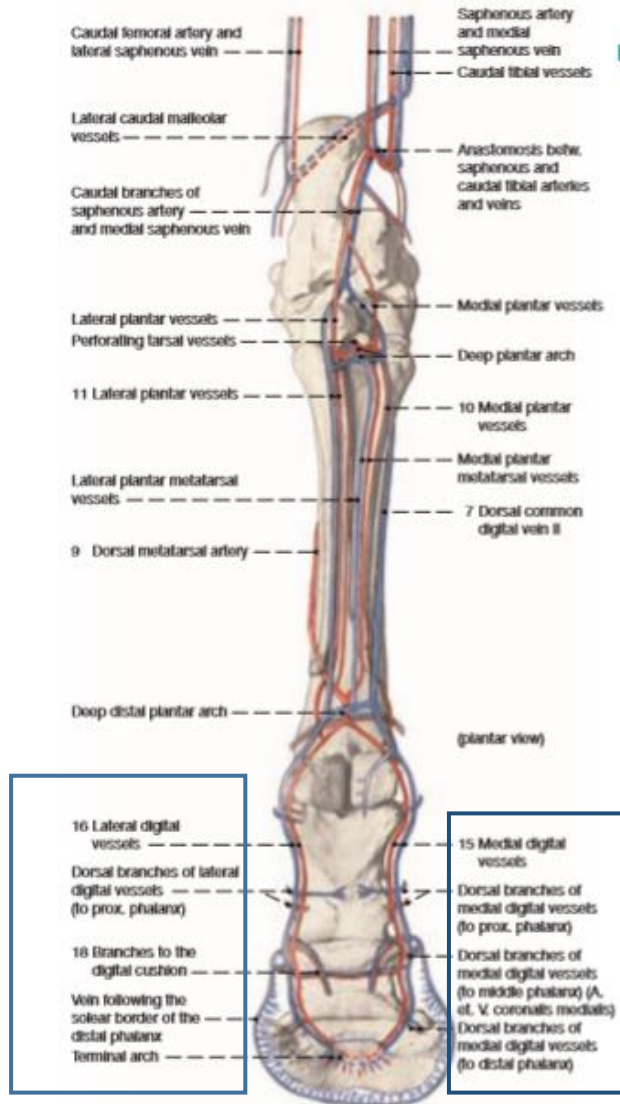


Abb. 198, 199, 200, 201, 202, 203, 204, 205. Venen des linken Hinterfußes von *Hund, Schwein, Rind* und *Pferd*. Halbschematisch.

(Nach MÜNSTER, BADAWI und WILKENS, in Vorbereitung, Inst.-Arb., Hannover.)

Abb. 198—201: Plantaransicht, Abb. 202—205: Dorsalansicht

1 R. cranialis, 2 R. caudalis der V. saphena lateralis; 3 R. anastomotikus cum v. saphena medialis; 4 R. cranialis der V. saphena medialis, 4' R. medialis, 4'' R. lateralis; 5 Arcus dorsalis superficialis; 6—9 Vv. digitales dorsales communes I—IV; 10 Vv. digitales propriae; 11 R. caudalis der V. saphena medialis; 12 V. plantaris lateralis, 13 R. profundus, 14 R. superficialis; 15 V. plantaris medialis, 16 R. profundus, 17 R. superficialis; 13 und 16, beim *Hd.* nur 13, Arcus

plantaris profundus; 14 und 17, beim *Hd.* nur 14, Arcus plantaris superficialis; 18 Vv. metatarsae plantares II—IV; 19 Rr. perforantes proximales II und IV; 20 Rr. perforantes distales; 21 Arcus plantaris profundus distalis; 22—25 Vv. digitales plantares communes I—IV; 22' Anastomose zur V. digitalis dorsalis communis II; 26 V. digitalis plantaris V. abaxialis; 27 V. interdigitalis; 28 Vv. digitales plantares propriae; 29 Rr. plantares phalangium proximalium, 30 Rr. dorsales phalangium proximalium bzw. beim *Pfd.* phalangium proximalis, mediae und distalis; 31 V. communis n. tibialis, 32 V. tibialis caudalis, 33 R. anastomotikus cum v. saphena medialis; 34 V. malleolaris caudalis lateralis; 35 V. tibialis cranialis; 36 V. dorsalis pedis; 37 V. tarsea medialis, 38 R. plantaris superficialis; 39 V. tarsea lateralis; 40 V. tarsea perforans proximalis; 41 V. tarsea perforans distalis; 42 Arcus dorsalis profundus; 43 Vv. metatarsae dorsales II—IV

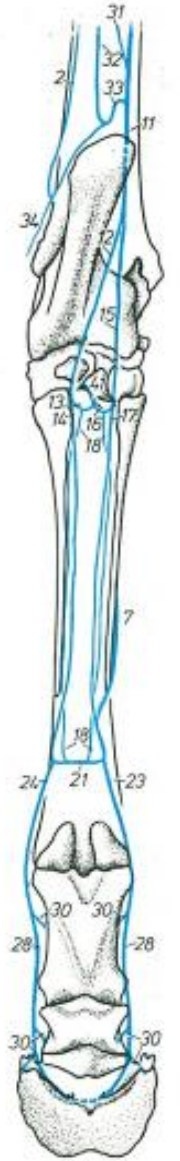


Abb. 201

VENA CAVA CAUDALIS

VENA ILIACA EXTERNA:

- v. iliaca comm. – ba ömlik

húsevőkben felveszi:

a. v. abdominalis caud.

b. v. pudendoepigastrica

c. v. profunda femoris a csombcsatorna bejáratánál

d. v. femoralis

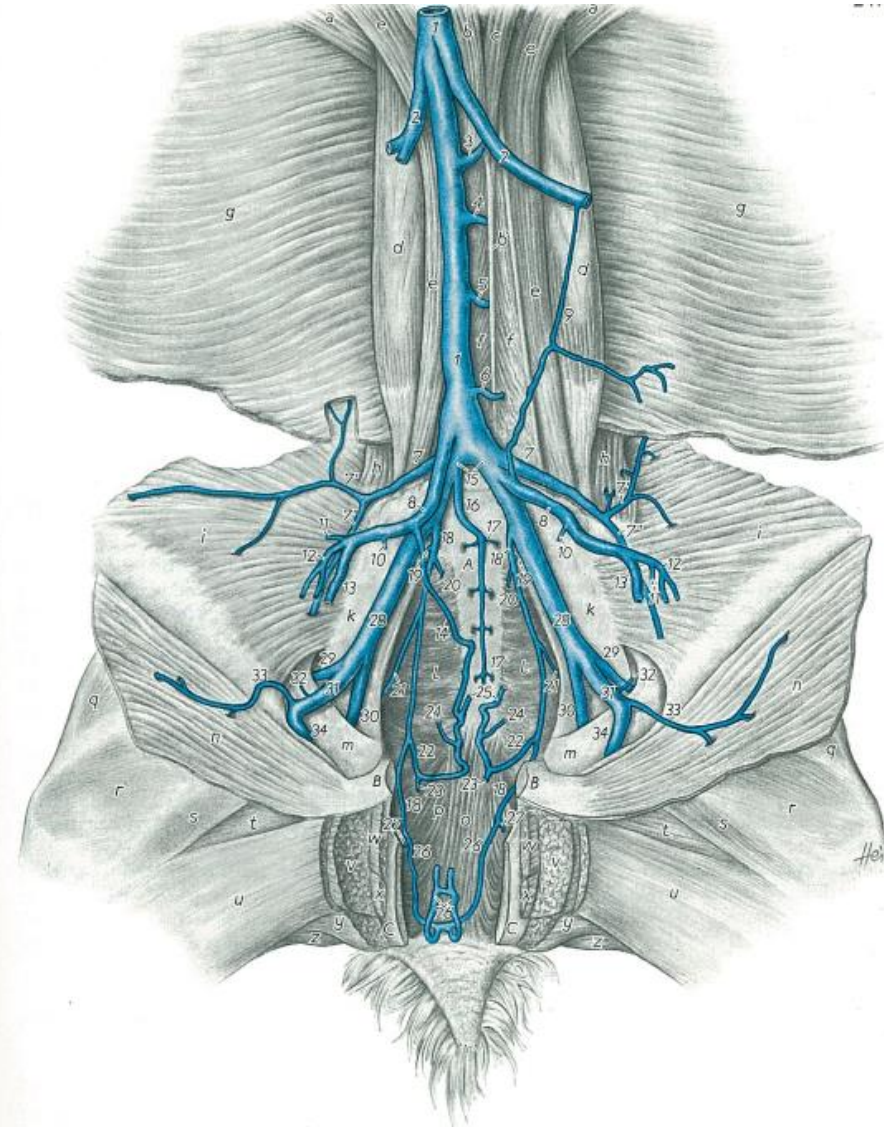


Abb. 189. Venen der Bauch- und Beckenhöhle sowie der Bauchwand eines *Schafes*. Ventralansicht.
(Nach RAVIAT, 1962, Diss., Hannover.)

A Os sacrum; B Ramus caudalis ossis pubis; C Tabula ossis ischii

a M. retractor costae; b, b', c Diaphragma, Pars lumbalis; b, b' Crus dextrum, c Crus sinistrum; d M. quadratus lumborum; e M. psoas major; f M. psoas minor; g M. transversus abdominis; h M. ilio-costalis lumborum; i M. obliquus internus abdominis; k Fascia iliaca; l Lig. sacrotuberale latum; m Beckensehne des M. obliquus externus abdominis; n M. rectus abdominis; o M. sacrocaudalis ventralis medialis; p M. sacrocaudalis ventralis lateralis; q M. tensor fasciae latae; r M. quadriceps femoris; s M. sartorius; t M. pectineus; u M. gracilis; v M. adductor; w Mm. gemelli; x M. quadratus femoris; y M. semimembranosus; z M. semitendinosus

1 V. cava caudalis; 2 V. renalis; 3 gemeinsames Ursprungsgefäß der Vv. lumbales I und II der rechten und linken Seite mit der Einmündung der V. azygos sinistra; 4-6 gemeinsame Ursprungsgefäße für die Vv. lumbales III-V beider Seiten; 7 V. circumflexa ilium profunda; 7' R. cranialis, 7'' R. caudalis; 8 V. ovarica; 9 R. anastomoticus zwischen V. renalis sinistra und V. ovarica sinistra; 10 V. vesicalis cranialis; 11 R. tubarius; 12 Endaufteilung für das Ovar; 13 R. uterinus von 8; 14 R. anastomoticus zwischen 8 und V. uterina caudalis dextra; 15 V. iliaca communis; 16 V. sacralis mediana; 17 Rr. sacrales; 18 V. iliaca interna; 19 V. ilio-lumbalis; 20 V. glutaea cranialis; 21 V. obturatoria; 22 V. vaginalis; 23 V. rectalis media; 24 V. vesicalis caudalis; 25 R. uterinus; 26 V. pudenda interna; 26' V. labialis dorsalis et mammaria; 27 V. glutaea caudalis; 28 V. iliaca externa; 29 V. femoralis; 30 V. profunda femoris; 31 V. pudendoepigastrica; 32 V. abdominalis caudalis; 33 V. epigastrica caudalis; 34 V. pudenda externa

VENA CAVA CAUDALIS

VENA ILIACA EXTERNA:

V. profunda femoris:

- a combcsatornában proximálisan a v. iliaca ext. – ba ömlik
- m. petineus és m. iliopsoas között az adduktorok felől

felveszi:

- v. pudendoepigastrica - t húsevőben
- v. circumflexa femoris medialis - t

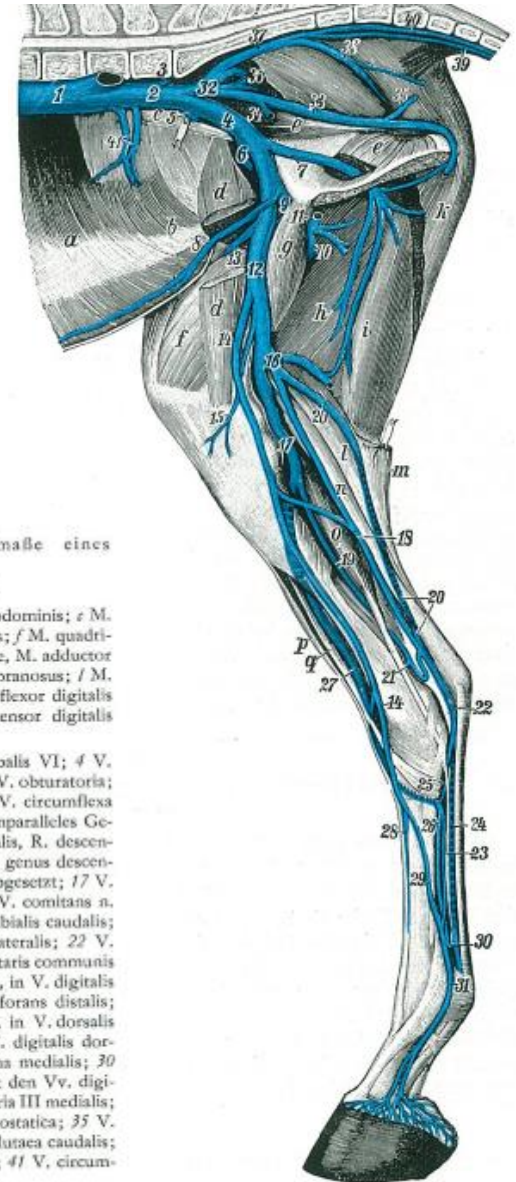


Abb. 197. Venen der rechten Beckengliedmaße eines Pferdes. Medialansicht.

(Nach ELLENBERGER und BAUM, 1932.)

a M. transversus abdominis; b M. obliquus internus abdominis; c M. psoas minor; d M. sartorius; e M. obturatorius internus; f M. quadriceps; g M. pectineus; h M. biceps femoris, mediale Seite, M. adductor weggeschnitten; i M. semitendinosus; k M. semimembranosus; l M. gastrocnemius, Caput laterale, m Caput mediale; n M. flexor digitalis superficialis; o M. flexor digitalis longus; p M. extensor digitalis longus; q M. fibularis tertius

1 V. cava caudalis; 2 V. iliaca communis; 3 V. lumbalis VI; 4 V. iliaca externa; 5 V. iliolumbalis; 6 V. iliocofemorale; 7 V. obturatoria; 8 V. epigastrica caudalis; 9 V. profunda femoris; 10 V. circumflexa femoris medialis; 11 V. pudenda externa, nicht arterienparalleles Gefäß; 12 V. femoralis; 13 V. circumflexa femoris lateralis, R. descendens; 14 V. saphena medialis, distal R. cranialis; 15 V. genus descendens; 16 V. caudalis femoris distalis, Rr. musculares abgesetzt; 17 V. poplitea; 18 V. saphena medialis, R. caudalis, nimmt V. comitans n. tibialis aus der V. caudalis femoris distalis auf; 19 V. tibialis caudalis; 20 V. saphena lateralis; 21 V. malleolaris caudalis lateralis; 22 V. plantaris medialis, 23 R. superficialis in V. digitalis plantaris communis II übergehend; 24 V. plantaris lateralis, R. superficialis, in V. digitalis plantaris communis III übergehend; 25 V. tarsae perforans distalis; 26 V. metatarsa plantaris II; 27 V. tibialis cranialis, in V. dorsalis pedis übergehend; 28 V. metatarsa dorsalis II; 29 V. digitalis dorsalis communis II aus dem R. cranialis der V. saphena medialis; 30 Anastomose des Arcus plantaris profundus distalis mit den Vv. digitales plantares communes; 31 V. digitalis plantaris propria III medialis; 32 V. iliaca interna; 33 V. pudenda interna; 34 V. prostatica; 35 V. perinealis ventralis; 36 V. glutea cranialis; 37, 38 V. glutea caudalis; 39 V. caudalis mediana; 40 V. caudalis ventrolateralis; 41 V. circumflexa ilium profunda

9. V. profunda femoris
10. V. circumflexa femoris med.

VENA CAVA CAUDALIS

VENA ILIACA EXTERNA:

V. pudendoepigastrica:

- v. profunda femoris – ba ömlik
- húsevőben a v. iliaca ext. – ba ömlik

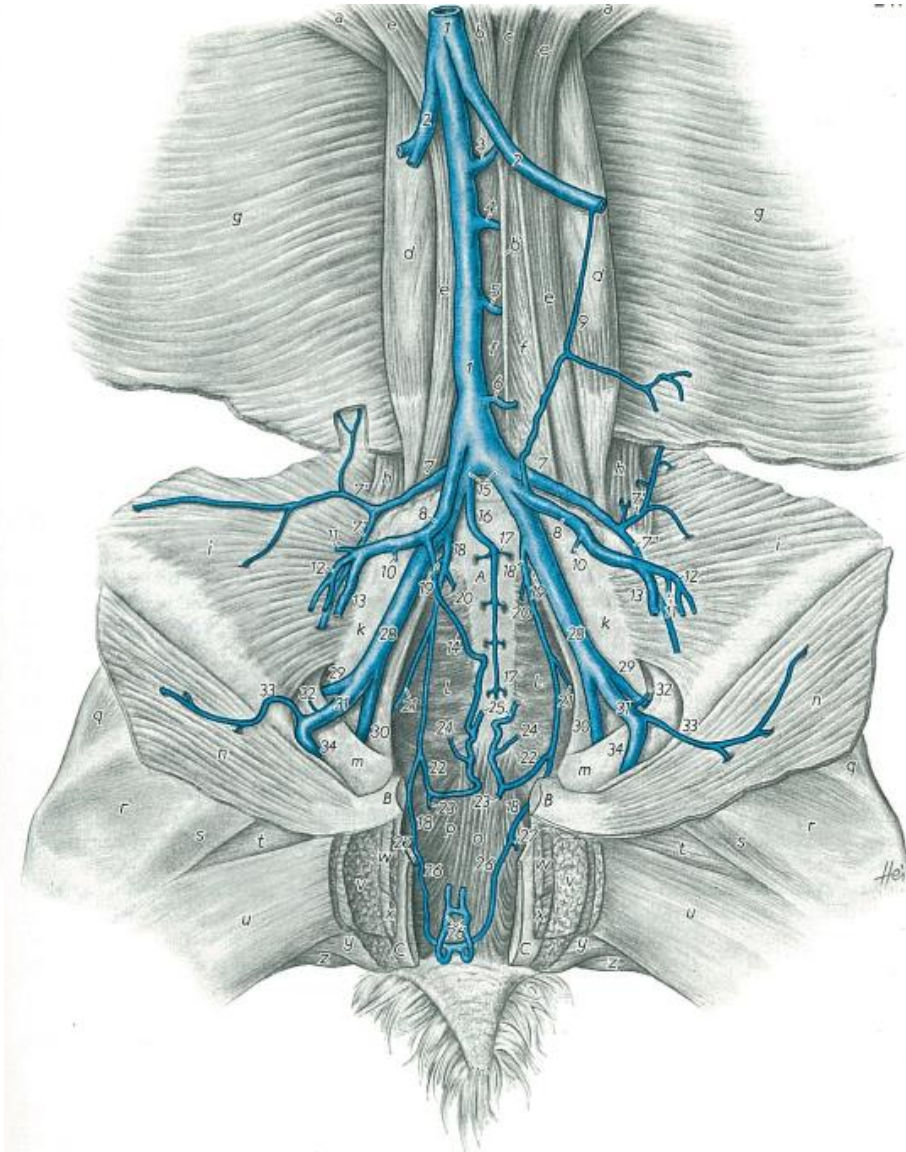


Abb. 189. Venen der Bauch- und Beckenhöhle sowie der Bauchwand eines Schafes. Ventralansicht.
(Nach RAVIUR, 1962, Diss., Hannover.)

A Os sacrum; B Ramus caudalis ossis pubis; C Tabula ossis ischii

a M. retractor costae; b, b', c Diaphragma, Pars lumbalis; b, b' Crus dextrum, c Crus sinistrum; d M. quadratus lumborum; e M. psoas major; f M. psoas minor; g M. transversus abdominis; h M. ilio-costalis lumborum; i M. obliquus internus abdominis; k Fascia iliaca; l Lig. sacrotuberale latum; m Beckenschne des M. obliquus externus abdominis; n M. rectus abdominis; o M. sacrocaudalis ventralis medialis; p M. sacrocaudalis ventralis lateralis; q M. tensor fasciae latae; r M. quadriceps femoris; s M. sartorius; t M. pectineus; u M. gracilis; v M. adductor; w Mm. gemelli; x M. quadratus femoris; y M. semimembranosus; z M. semitendinosus

1 V. cava caudalis; 2 V. renalis; 3 gemeinsames Ursprungsgefäß der Vv. lumbales I und II der rechten und linken Seite mit der Einmündung der V. azygos sinistra; 4-6 gemeinsame Ursprungsgefäße für die Vv. lumbales III-V beider Seiten; 7 V. circumflexa ilium profunda; 7' R. cranialis; 7'' R. caudalis; 8 V. ovarica; 9 R. anastomoticus zwischen V. renalis sinistra und V. ovarica sinistra; 10 V. vesicalis cranialis; 11 R. tubarius; 12 Endaufteilung für das Ovar; 13 R. uterinus von 8; 14 R. anastomoticus zwischen 8 und V. uterina caudalis dextra; 15 V. iliaca communis; 16 V. sacralis mediana; 17 Rr. sacrales; 18 V. iliaca interna; 19 V. ilio-lumbalis; 20 V. glutaea cranialis; 21 V. obturatoria; 22 V. vaginalis; 23 V. rectalis media; 24 V. vesicalis caudalis; 25 R. uterinus; 26 V. pudenda externa; 26' V. labialis dorsalis et mammaria; 27 V. glutaea caudalis; 28 V. iliaca externa; 29 V. femoralis; 30 V. profunda femoris; 31 V. pudendoepigastrica; 32 V. abdominalis caudalis; 33 V. epigastrica caudalis; 34 V. pudenda externa

VENA CAVA CAUDALIS

VENA ILIACA EXTERNA:

V. abdominalis caudalis:

- húsevőben, kérődzőbe
- húsevőben a v. iliaca ext. – ba ömlik

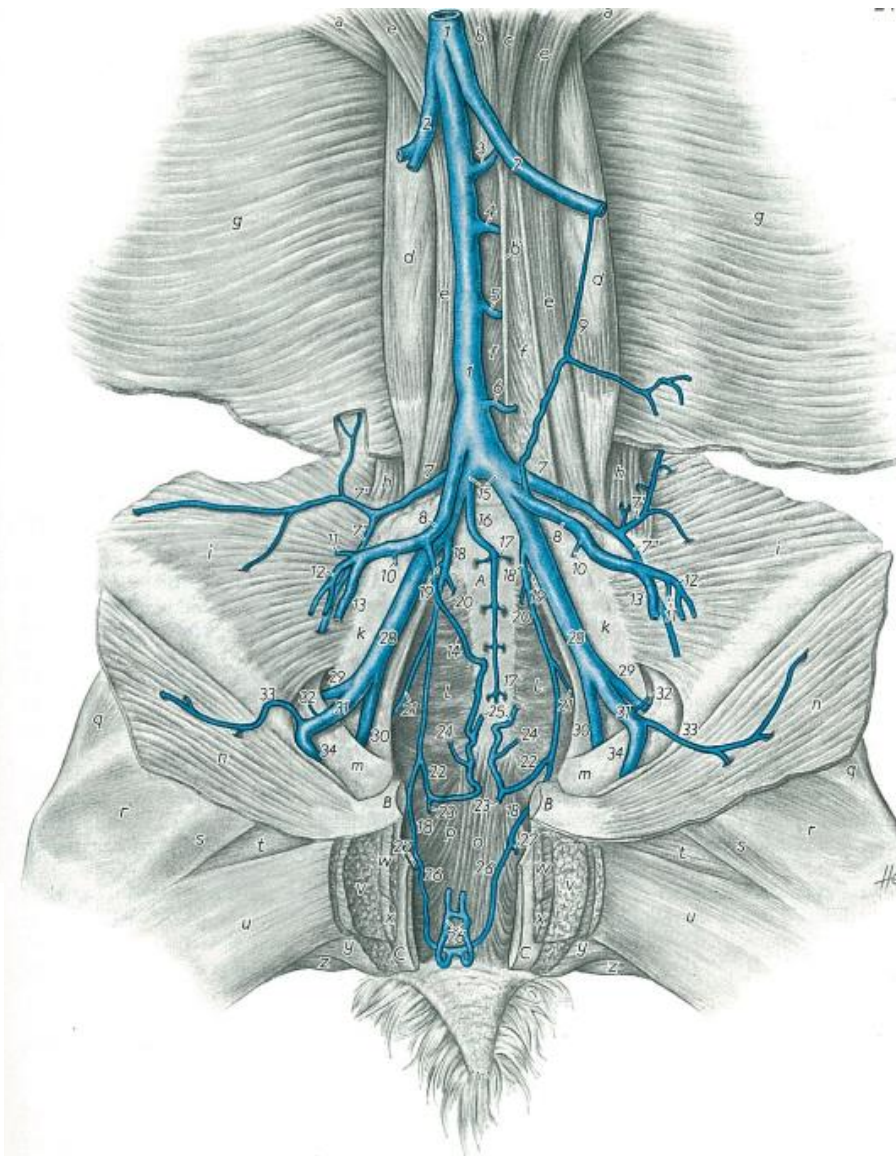


Abb. 189. Venen der Bauch- und Beckenhöhle sowie der Bauchwand eines *Sehafes*. Ventralansicht.
(Nach RAVIUR, 1962, Diss., Hannover.)

A Os sacrum; B Ramus caudalis ossis pubis; C Tabula ossis ischii

a M. retractor costae; b, b', c Diaphragma, Pars lumbalis; b, b' Crus dextrum, c Crus sinistrum; d M. quadratus lumborum; e M. psoas major; f M. psoas minor; g M. transversus abdominis; h M. ilio-costalis lumborum; i M. obliquus internus abdominis; k Fascia iliaca; l Lig. sacrotuberale latum; m Beckenschne des M. obliquus externus abdominis; n M. rectus abdominis; o M. sacrocaudalis ventralis medialis; p M. sacrocaudalis ventralis lateralis; q M. tensor fasciae latae; r M. quadriceps femoris; s M. sartorius; t M. pectineus; u M. gracilis; v M. adductor; w Mm. gemelli; x M. quadratus femoris; y M. semimembranosus; z M. semitendinosus

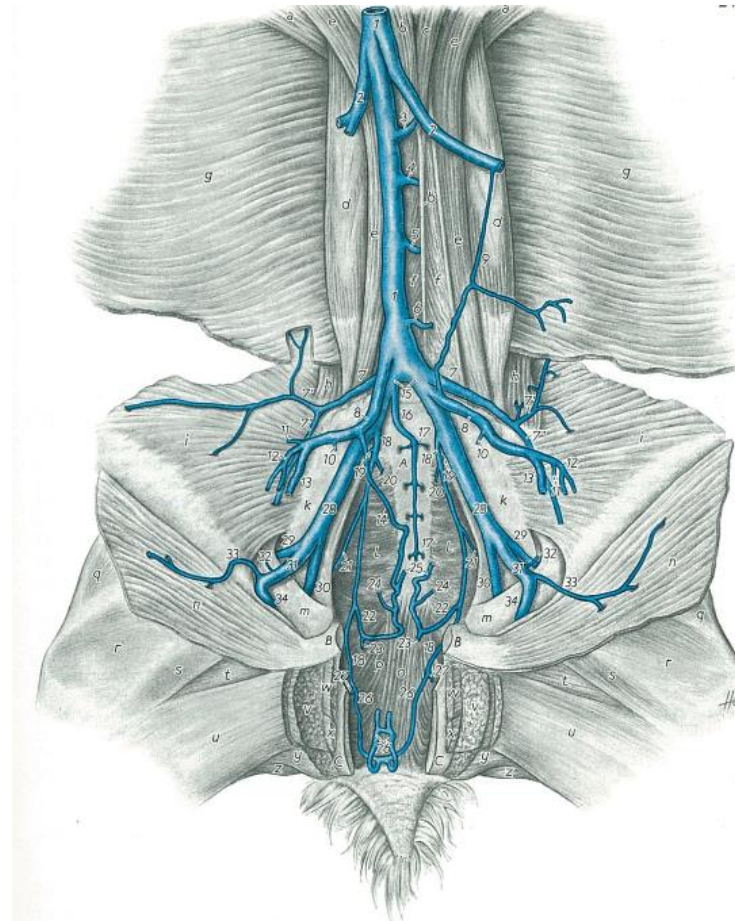
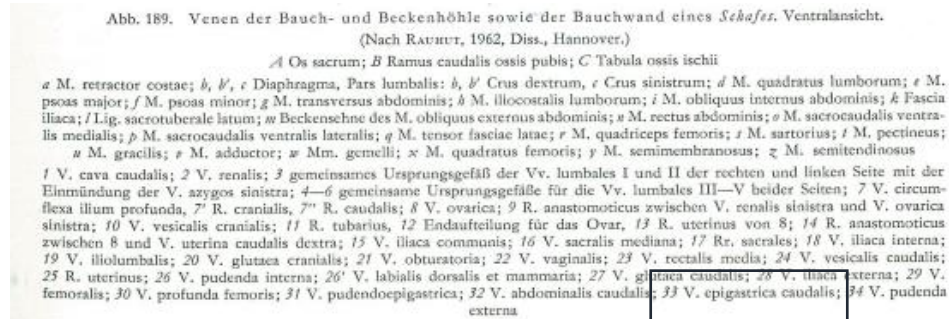
1 V. cava caudalis; 2 V. renalis; 3 gemeinsames Ursprungsgefäß der Vv. lumbales I und II der rechten und linken Seite mit der Einmündung der V. azygos sinistra; 4-6 gemeinsame Ursprungsgefäße für die Vv. lumbales III-V beider Seiten; 7 V. circumflexa ilium profunda; 7' R. cranialis; 7'' R. caudalis; 8 V. ovarica; 9 R. anastomoticus zwischen V. renalis sinistra und V. ovarica sinistra; 10 V. vesicalis cranialis; 11 R. tubarius; 12 Endaufteilung für das Ovar; 13 R. uterinus von 8; 14 R. anastomoticus zwischen 8 und V. uterina caudalis dextra; 15 V. iliaca communis; 16 V. sacralis mediana; 17 Rr. sacrales; 18 V. iliaca interna; 19 V. ilio-lumbalis; 20 V. glutaea cranialis; 21 V. obturatoria; 22 V. vaginalis; 23 V. rectalis media; 24 V. vesicalis caudalis; 25 R. uterinus; 26 V. pudenda interna; 26' V. labialis dorsalis et manus; 27 V. glutaea caudalis; 28 V. iliaca externa; 29 V. femoralis; 30 V. profunda femoris; 31 V. pudendoepigastrica; 32 V. abdominalis caudalis; 33 V. epigastrica caudalis; 34 V. pudenda externa

VENA CAVA CAUDALIS

VENA ILIACA EXTERNA:

V. epigastrica caudalis:

- v. pudendoepigastrica – ba ömlik
- összeköttetés a köldök magasságában a v. epigastrica cran. - al



VENA CAVA CAUDALIS

VENA ILIACA EXTERNA:

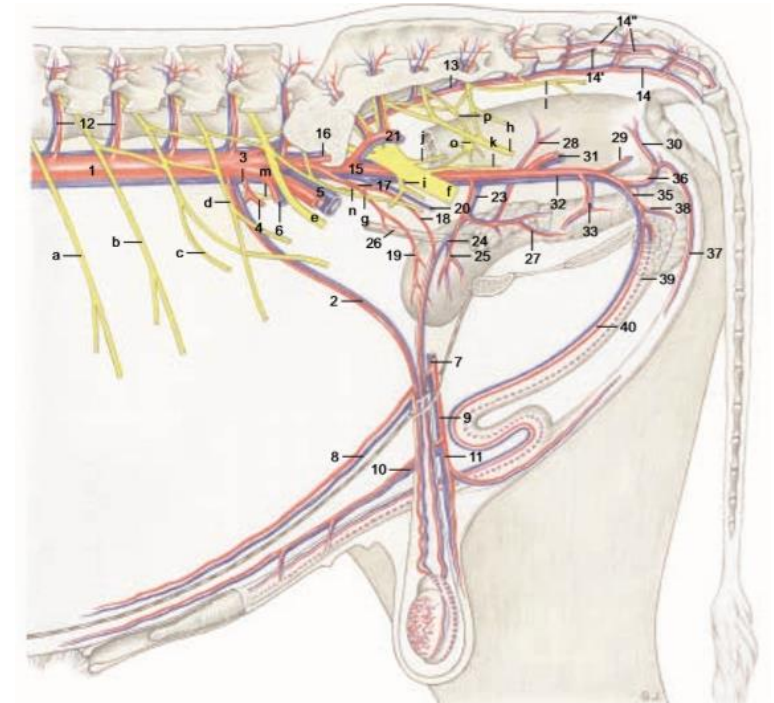
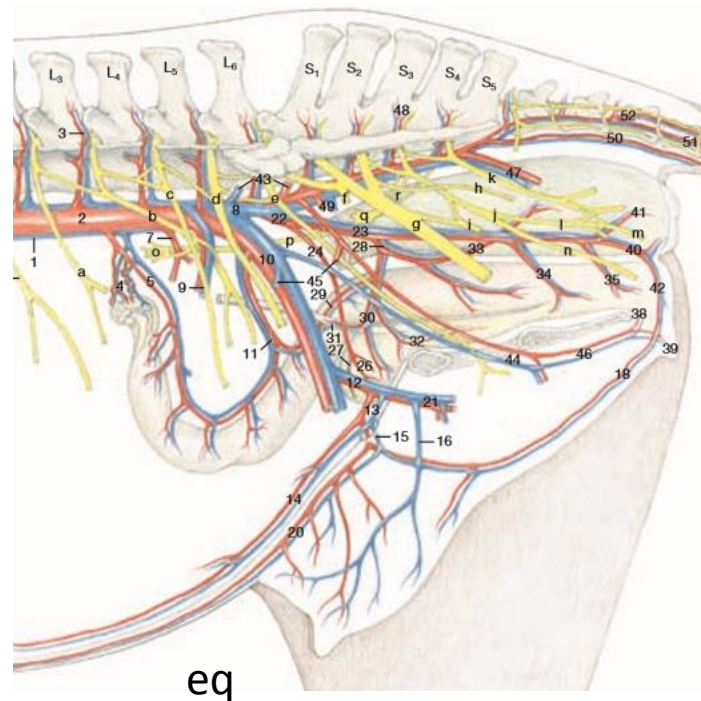
V. pudenda externa.

- v. pudendoepigastrica – ba ömlik

felveszi:

a. V. epigastrica caudalis superfic.

- r. praeputialis
- rr. mammarii - emlőmirigyből
- v. mamma cranialis tőgyből



- 1 Caudal vena cava
- 2 Abdominal aorta
- 3 Lumbar vessels
- 4 Ovarian or testicular vessels
- 5 Uterine branch
- 6 Pampiniform plexus
- 7 Caudal mesenteric artery
- 8 Common iliac vein
- 9 Deep circumflex iliac vessels
- 10 External iliac vessels
- 11 Uterine or cremasteric vessels
- 12 Deep femoral vessels
- 13 Pudendoepigastric arterial trunk and pudendoepigastric vein
- 14 Caudal epigastric vessels
- 15 External pudendal vessels
- 16 Accessory ext. pudendal vein [middle mammary vein]
- 17 Venous plexus of penis

- 18 Ventral labial (scrotal) arterial branch and v. [caudal mammary vessels]
- 19 Cranial vessels of penis
- 20 Caudal supf. epigastric vessels [cranial mammary vessels]
- 21 Medial circumflex femoral vessels
- 22 Internal iliac vessels
- 23 Internal pudendal vessels
- 24 Umbilical artery
- 25 Vessels of deferent duct
- 26 Cranial vesical artery
- 27 Round ligament of bladder
- 28 Vaginal or prostatic artery
- 29 Uterine branch or branch to deferent duct
- 30 Caudal vesical vessels
- 31 Ureteric branches
- 32 Urethral branches
- 33 Middle rectal vessels
- 34 Vestibular branch
- 35 Vessels of the vestibular bulb
- 36 Vessels of the penis
- 37 Vessels of the bulb of the penis

VENA CAVA CAUDALIS

VENA ILIACA EXTERNA:

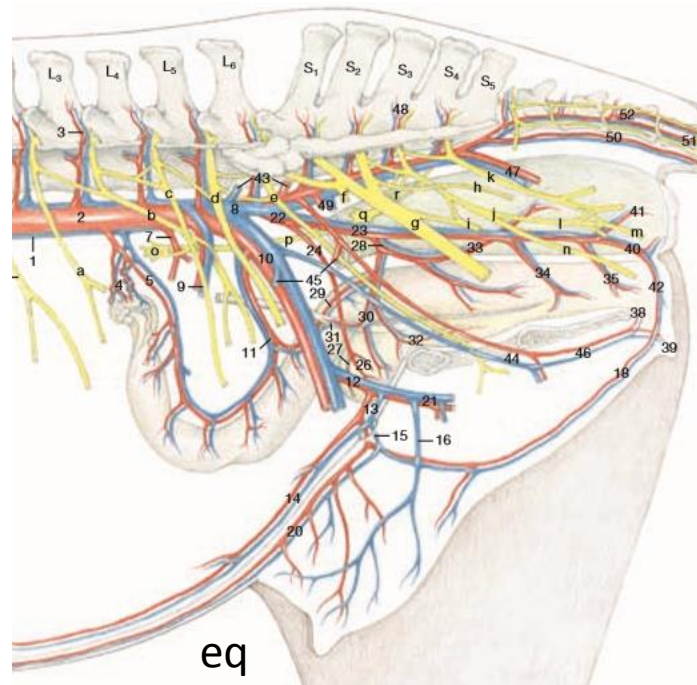
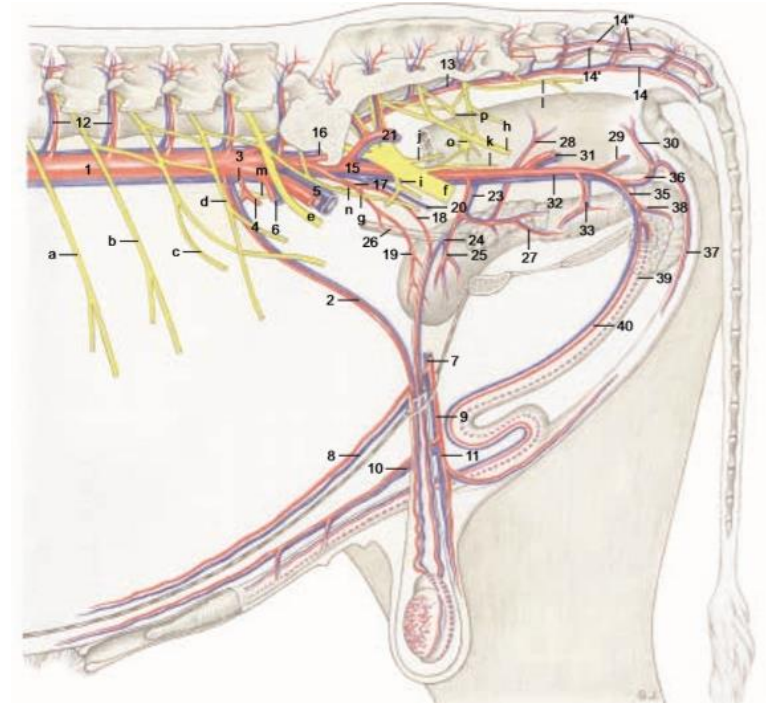
V. pudenda externa:

felveszi:

a. v. scrotalis ventralis seu. v. labialis ventralis

b. kérérdzőben, lóban v. mammaia caudalis – v. labialis ventralis

c. lóban v. penis cranialis



- 1 Caudal vena cava
- 2 Abdominal aorta
- 3 Lumbar vessels
- 4 Ovarian or testicular vessels
- 5 Uterine branch
- 6 Pampiniform plexus
- 7 Caudal mesenteric artery
- 8 Common iliac vein
- 9 Deep circumflex iliac vessels
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- 13 Pudendoepigastric arterial trunk and pudendoepigastric vein
- 14 Caudal epigastric vessels
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- 16 Accessory ext. pudendal vein [middle mammary vein]
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- 18 Ventral labial (scrotal) arterial branch and v. [caudal mammary vessels]
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- 33 Middle rectal vessels
- 34 Vestibular branch
- 35 Vessels of the vestibular bulb
- 36 Vessels of the penis
- 37 Vessels of the bulb of the penis

CARNIVOR

A AORTA ABDOMINALIS

b A. iliaca interna

c A. sacralis mediana

d A. caudalis (coccygea) mediana

1. A. ILIACA EXTERNA

2. A. profunda femoris

3. A. circumflexa femoris medialis

4. Ramus obturatorius

5. Ramus ascendens

6. Ramus acetabularis

7. Ramus transversus

8. Ramus profundus

9. Truncus pudendoepigastricus

10. A. epigastrica caudalis

11. A. pudenda externa

12. R. scrotalis ventr./R. labialis ventr.

13. A. epigastrica caudalis superf.

14. R. preputiales/ R. mammarii

A. abdominalis caudalis (goes to inner surface of m. obliquus internus abdominis)

15. A. femoralis

16. A. circumflexa ilium superficialis

17. A. circumflexa femoris lateralis

18. A. caudalis femoris proximalis

19. A. genus descendens

20. A. saphena

21. Ramus cranialis

22. Aa. digitales dorsales communes I–IV

23. Aa. digit. dors. propriae axiales et abaxiales

24. Ramus caudalis

25. A. plantaris lateralis (smaller terminal branch of 24)

26. A. plantaris medialis (bigger terminal branch of 24)

27. Ramus profundus

28. Arcus plantaris profundus

29. Aa. metatars. plant. II–IV

30. Ramus superficialis

31. Aa. dig. plantares comm. II–IV

32. Aa. digit. plant. propriae axiales et abax.

33. A. caudalis femoris media

34. A. caudalis femoris distalis

35. A. poplitea

36. A. genus proximalis lateralis / medialis

37. A. genus media

38. A. genus distalis lateralis / medialis

39. A. surales

40. A. tibialis caudalis (small terminal branch of a. poplitea)

41. A. tibialis cranialis (bigger terminal branch of a. poplitea, runs through tibia/fibula)

42. Ramus superficialis

43. A. digitalis dorsalis V abaxialis

44. A. dorsalis pedis

45. A. arcuata

46. Aa. metatarsee dorsales II–IV

47. Ramus perforans proximalis II

V. ILIACA EXTERNA

1. V. femoralis

V. circumflexa ilium superficialis

V. circumflexa femoris lateralis

V. caudalis femoris proximalis

2. V. saphena medialis

3. Ramus cranialis

V. plantaris medialis

4. Ramus caudalis

V. genus descendens

V. caudalis femoris media

5. V. caudalis femoris distalis

6. V. saphena lateralis

7. Ramus cranialis

Vv. digitales dors. communes II–IV

Vv. digitales dorsales propriae

8. Ramus caudalis

Arcus plantaris profundus

Vv. metatarsee plantares II–IV

Arcus plantaris superficialis

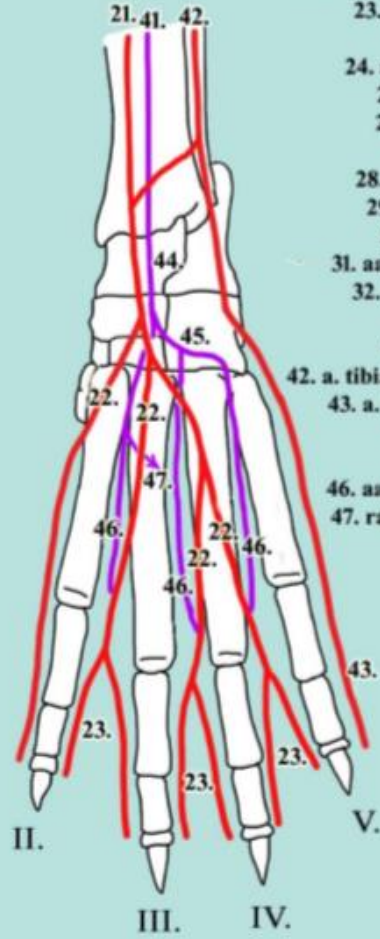
Vv. digitales plant. communes II–IV

V. interdigitalis

Vv. digitales plantares propriae

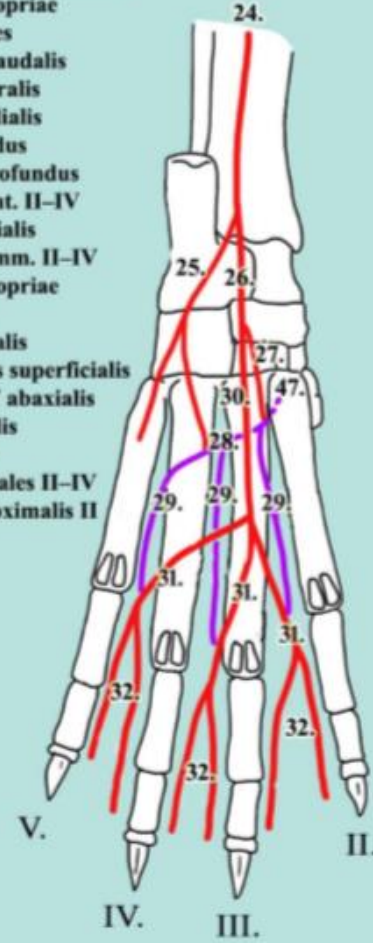
Hindlimb vessels in ca

dorsal



- 21. a. saphena ramus cranialis
- 22. Aa. digitales dorsales communes I-IV
- 23. Aa. digit. dors. propriae axiales et abaxiales
- 24. a. saphena ramus caudalis
- 25. a. plantaris lateralis
- 26. a. plantaris medialis
- 27. ramus profundus
- 28. arcus plantaris profundus
- 29. aa. metatars.plant. II-IV
- 30. ramus superficialis
- 31. aa. dig. plantares comm. II-IV
- 32. aa. digit. plant. propriae axiales et abax.
- 41. a. tibialis cranialis
- 42. a. tibialis cranialis ramus superficialis
- 43. a. digitalis dorsalis V abaxialis
- 44. a. dorsalis pedis
- 45. a. arcuata
- 46. aa. metatarsae dorsales II-IV
- 47. ramus perforans proximalis II

plantar



EQUUS

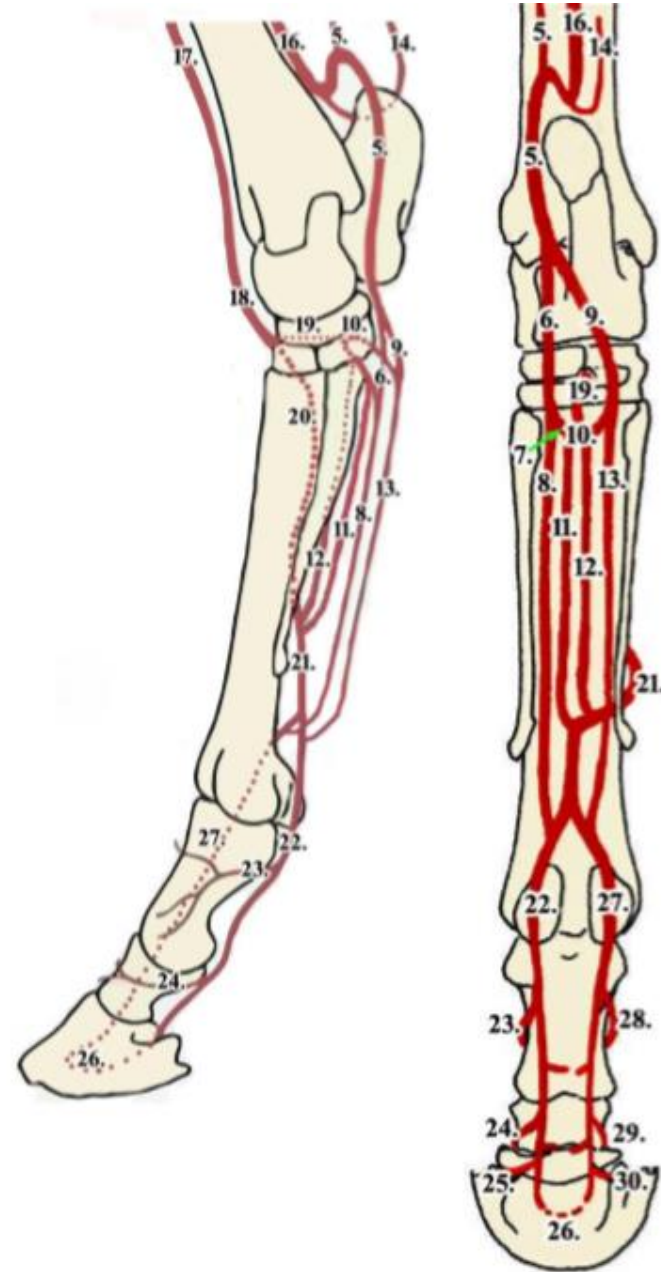
- A. Aorta abdominalis
 - b. a. iliaca externa
 - c. **a. circumflexa ilium profunda -in ca it is a branch of aorta abdominalis**
 - d. a. profunda femoris
- 1. A. femoralis
 - A. circumflexa ilium superficialis, a. caudalis femoris proximalis, media is missing**
- 2. A. circumflexa femoris lateralis
- 3. A. saphena
 - 4. **Ramus cranialis – much smaller branch, ends at the middle of the tibia**
- 5. Ramus caudalis
- 6. A. plantaris medialis
 - 7. Ramus profundus
- 8. Ramus superficialis [=A. digitalis plantaris communis II]
- 9. A. plantaris lateralis
 - 10. Arcus plantaris profundus
- 11. Aa. metatarsae plantares II
- 12. Aa. metatarsae plantares III
 - 13. Ramus superficialis [=A. digitalis plantaris communis III]
- A. genus descendens
 - 14. **A. caudalis femoris – no proximal, and middle caudal branch present**



- 15. A. poplitea
 - A. genus proximalis lateralis / medialis
 - A. genus media
 - A. genus distalis lateralis / medialis
- 16. **A. tibialis caudalis- much stronger branch then in ca, continues distally and reaches a. saphena ramus caudalis**
- 17. A. tibialis cranialis
 - Ramus superficialis
- 18. A. dorsalis pedis – continuation of a. tibialis cranialis
 - 19. **A. tarsea perforans** (runs through canalis tarsi)
- 20. **A. metatarsea dorsalis III-** continuation of a. dorsalis pedis
- 21. **Ramus perforans distalis-** continuation of a. metatarsea dorsalis III. (runs between Mt III-Mt IV distally)
- 22. A. digitalis medialis
 - 23. **R. plantaris phalangis prox. med. /R. dorsalis phalangis prox. med.**
 - 24. **R. plantaris phalangis mediae med. /R. dorsalis phalangis mediae med.**
 - R. tori digitalis
 - A. coronalis
 - 25. **R. dorsalis phalangis distalis med.**
 - 26. **Arcus terminalis**
- 27. A. digitalis lateralis
 - 28. **R. plantaris phalangis prox. lat. /R. dorsalis phalangis prox. lat.**
 - 29. **R. plantaris phalangis mediae lat. /R. dorsalis phalangis mediae lat.**
 - R. tori digitalis
 - A. coronalis
 - 30. **R. dorsalis phalangis distalis lat.**

- 5. A. saphena ramus caudalis
- 6. A. plantaris medialis
 - 7. Ramus profundus
 - 8. Ramus superficialis
 - [=A. digitalis plantaris communis II]
- 9. A. plantaris lateralis
- 10. Arcus plantaris profundus
 - 11. A. metatarsae plantares II
 - 12. A. metatarsae plantares III
 - 13. Ramus superficialis
 - [=A. digitalis plantaris communis III]
- 14. A. caudalis femoris
- 16. A. tibialis caudalis
- 17. A. tibialis cranialis
- 18. A. dorsalis pedis
- 19. A. tarsea perforans
(through canalis tarsi)

- 20. A. metatarsae dorsalis III
- 21. Ramus perforans distalis (between Mt III - Mt IV)
- 22. A. digitalis medialis
 - 23. R. plantaris et dorsalis phalangis prox. med.
 - 24. R. plantaris et dorsalis phalangis mediae med.
 - 25. R. dorsalis phalangis distalis med.
- 26. Arcus terminalis
- 27. A. digitalis lateralis
 - 28. R. plantaris et dorsalis phalangis prox. lat.
 - 29. R. plantaris et dorsalis phalangis mediae lat.
 - 30. R. dorsalis phalangis distalis lat.





KÖSZÖNÖM



FIGYELMET!

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