***ANATOMICAL DIFFERENCES***



|  |  |  |  |
| --- | --- | --- | --- |
| COWS | SHEEP & GOAT | HORSES | PIGS |
| Inguinal region | Inguinal region | Inguinal region | Inguinal, Abdominal and Thoracic regions |
| -4 glands (quarters)-4 teats-4 teat canal | -2 glands -1 teat -1 teat canal | -4 glands (quarters)-2 teats (short and laterally flattened)-2 teat canals | -6-7 glands-12-14 teats (small long cylindrical – 2 inguinal pairs, 3 abdominal pairs, 2 thoracic pairs)-2-3 teat canals |
| Goat teats larger than sheepSupernumerary teat common |
| Fine hairs on teat |
| *External pudendal artery (main)** Through the inguinal canal then into the udder, forming a sigmoid flexure
* Branch into Cranial and Caudal Mammary Arteries

*Ventral Perineal Artery (to caudal aspect)** Comes from internal Pudendal Artery

Venous ring above base of udder drained by *External Pudendal Vein and Subcutaneous Abdominal (milk) Vein* | *Internal and External Thoracic Vessels** Thoracic glands

*External Pudendal and Caudal Superficial Epigastric Vessels** Abdominal glands

*External and Internal Pudendal Vessels* (via perineal branches)* Inguinal glands
 |
| Lactating Glands: Hair absent from middle and tip of teatNon-lactating Glands: Mainly consists of interstitial tissue with abundant fatty tissue |  |



