

Male Reproductive System

Dr. Nidhi Gupta

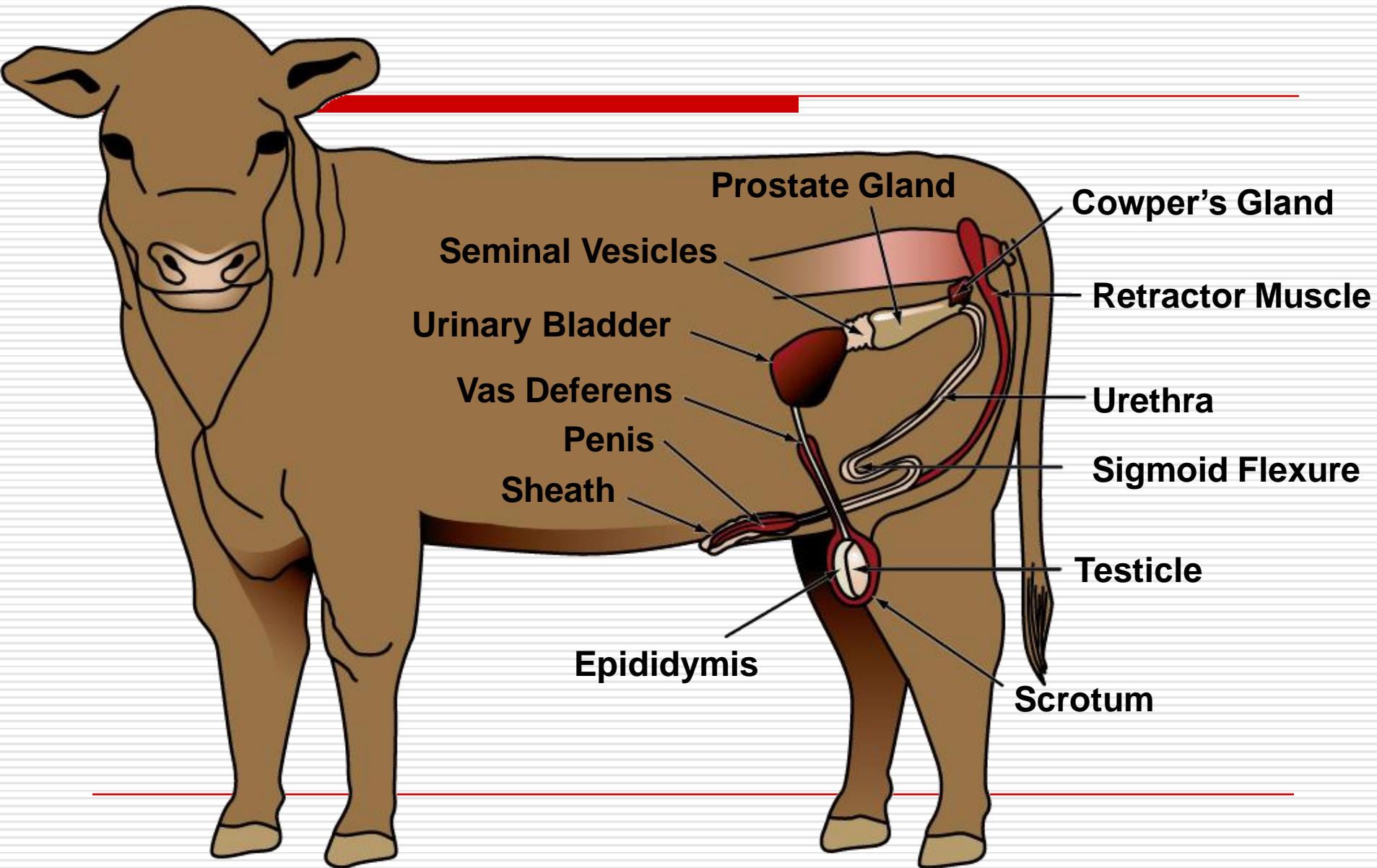
Assistant Professor

Department of Veterinary Anatomy

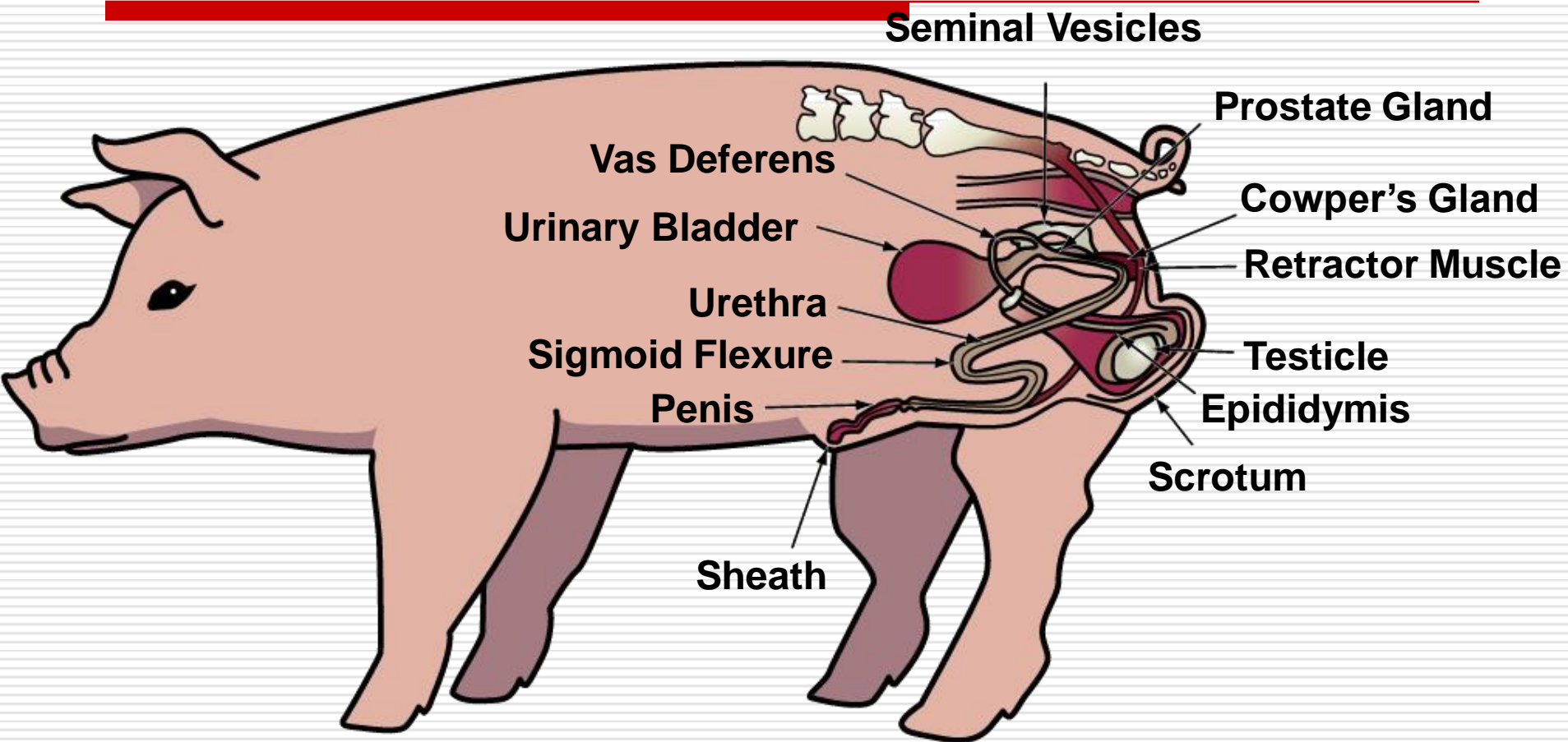
College of Vety. Sci. & A.H.

NDVSU, JABALPUR

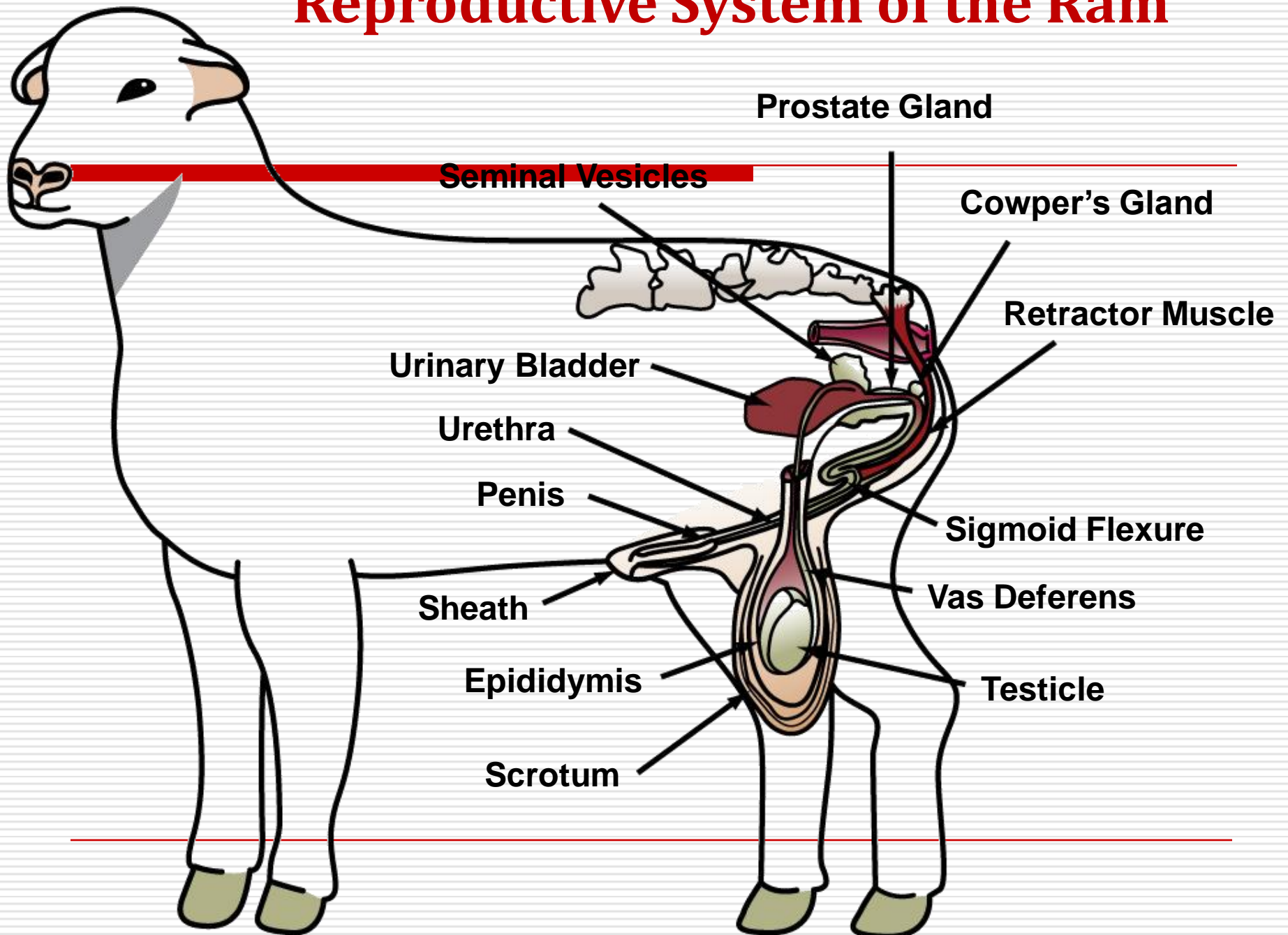
Reproductive System of the Bull



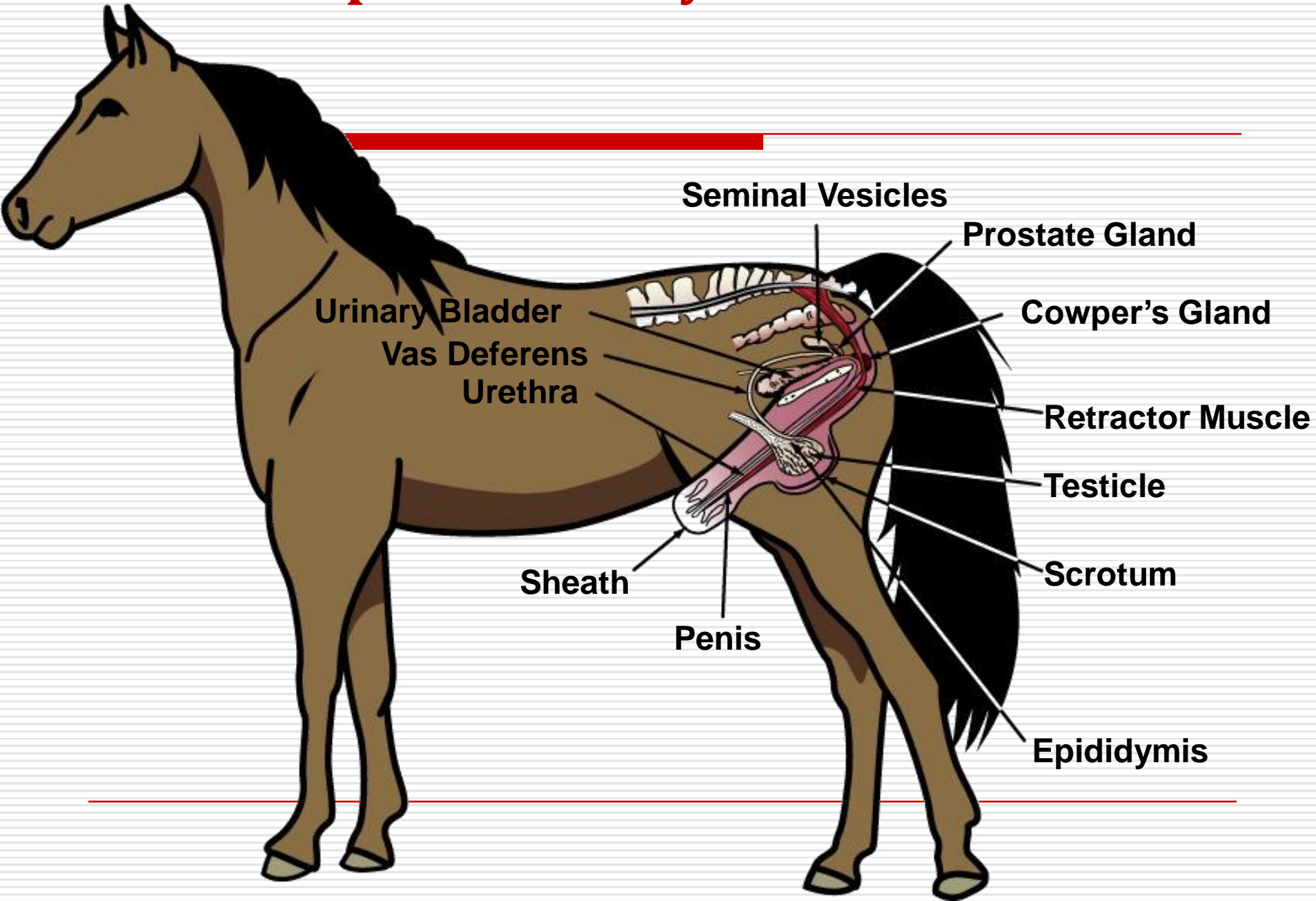
Reproductive System of the Boar



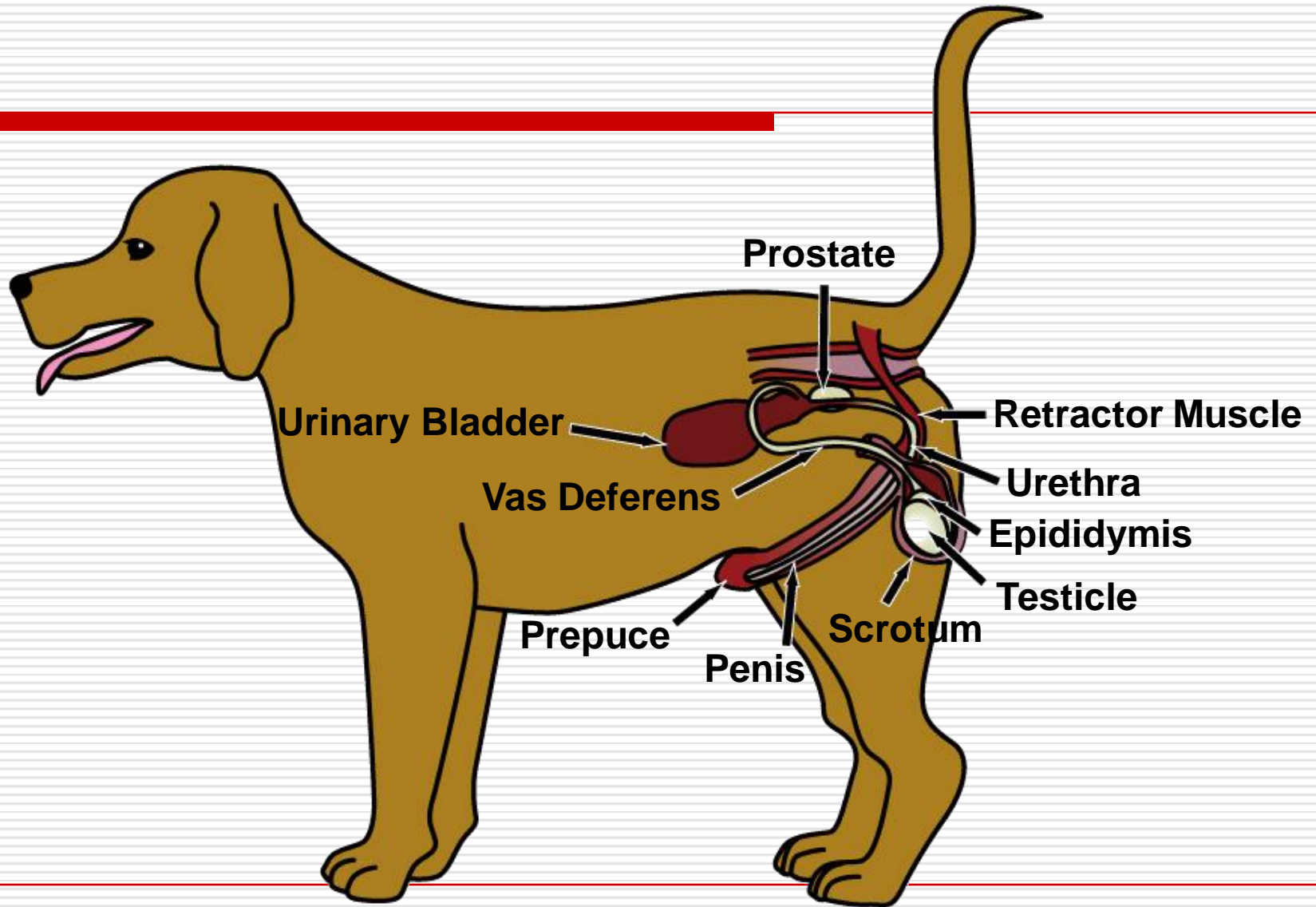
Reproductive System of the Ram



Reproductive System of the Stallion



Reproductive System of the Dog



For the most part....they all have the same reproductive parts.

- Testicles – produce sperm and the hormone testosterone**
 - Scrotum – holds testicles, regulates temperature**
 - Sperm must be below body temperature**
 - Epididymis – Stores sperm until use**
 - Vas deferens – connection tube**
 - Urethra – carries sperm & urine to the penis**
-

Reproductive parts **cont...**

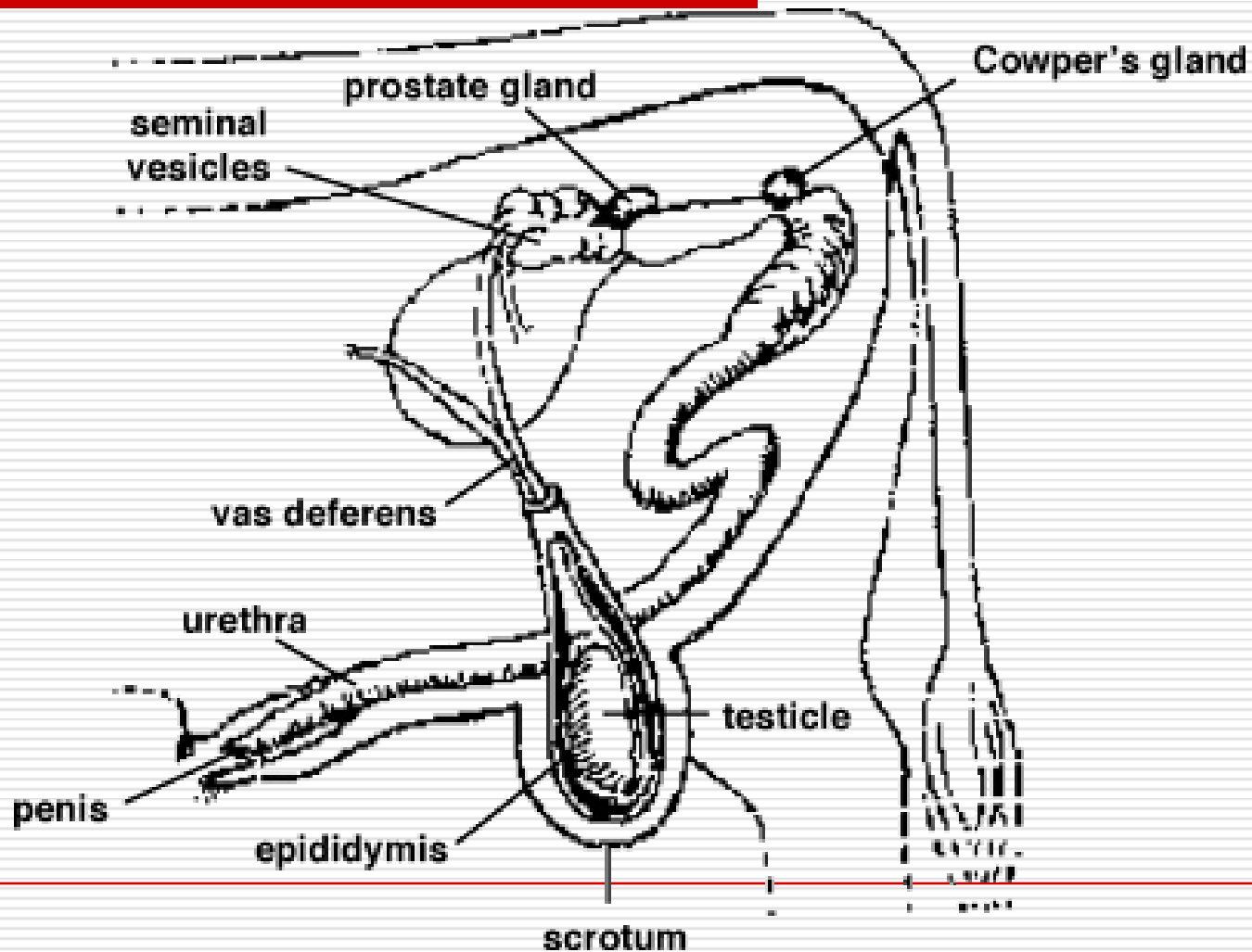
Sperm now becomes semen

- ❑ Seminal Vesicles – fluid to protect the sperm**
 - ❑ Prostate Gland – milky fluid to nourish sperm**
 - ❑ Cowper's Gland – fluid cleans urine out of penis**
 - ❑ Sigmoid Flexure – muscle extends penis out of body**
-

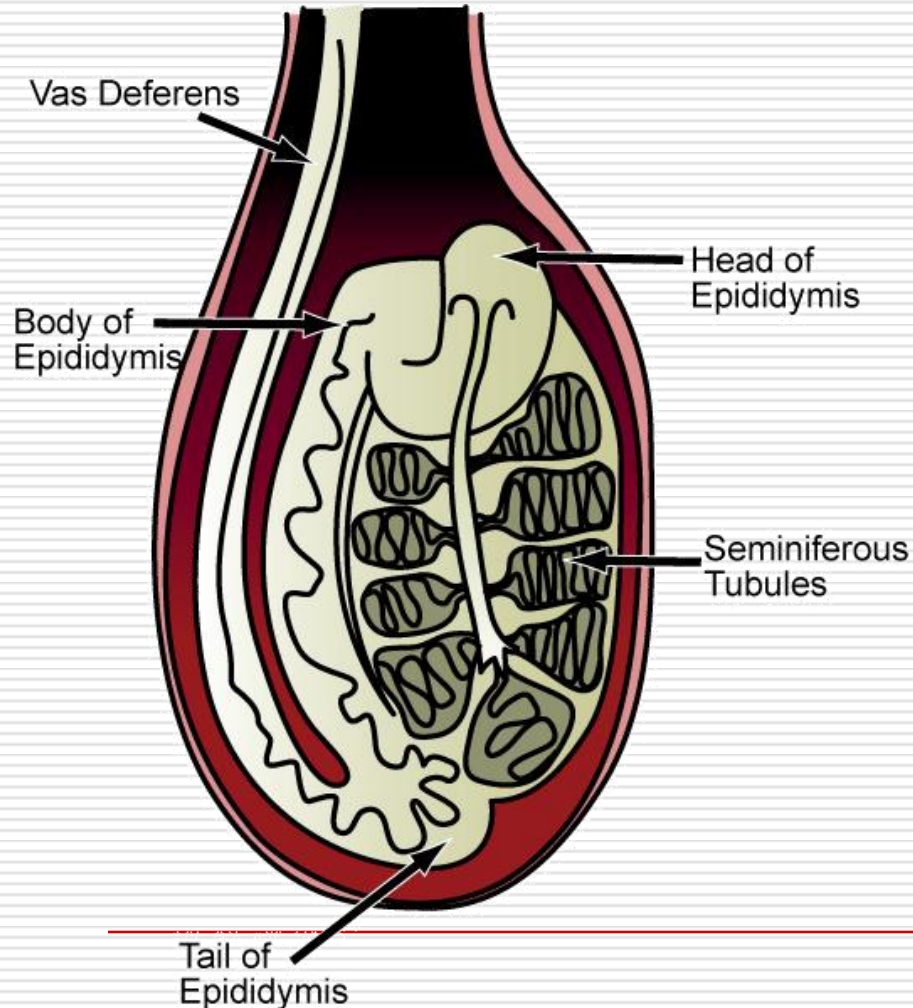
Reproductive parts cont...

- Retractor Muscle – pulls penis back into the body**
 - Penis – deposits semen into female and excretes urine**
 - Sheath/Prepuse – external skin which protects the penis**
-

Bull Reproductive Tract

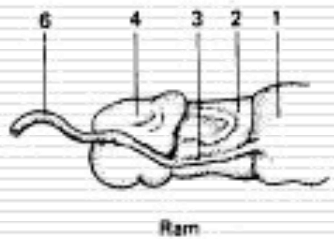
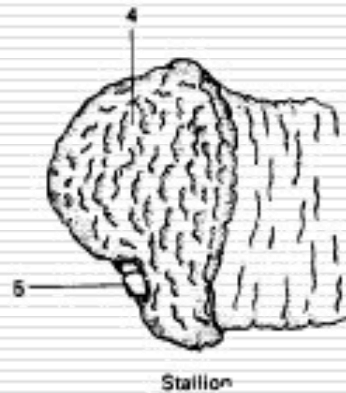
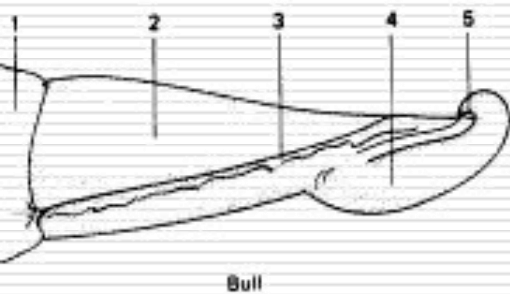


Structure of the Testicle



- Cryptorchid – no testicles
- Monorchid – one testicle

Structure of the Penis



- 1 – Internal prepuce
- 2 – Free part of penis
- 3 – Raphe
- 4 – Glans penis
- 5 – Urethral orifice
- 6 – Urethral process

What causes ejaculation?

- Bull – temperature
- Ram - ??
- Boar – pressure
- Stallion – nerves

Thanks
