



Coital Injuries of Male animals



VOG-604: Andrology and Male Infertility

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Coital Injuries

Injuries in male animals engaged in sexual activities are called coital injuries.

- ✓ Role of libido in coital injuries:
- ✓ Libido depends on → Androgenic and steroid hormones → mating and aggressive behaviors → leads to injuries during coitus.
- ✓ In males injuries are usually in the penis. E.g penile fracture at the time of **copulatory tie in dog.**
- ✓ Typical rage reaction in feline.

Some conditions

- Balanitis and posthitis.
- Injuries and trauma to penis.
- Haemorrhage from the prepuce and penis.
- Herpes coital exanthema.
- Rupture of the corpus cavernosum penis.
- Injuries of the scrotum and testes.
- Sheath contamination by **IBR-IPV virus**.

Injury or trauma to penis

- **In horse → Due to mare kicking at the stallion and striking erect penis at the time of service.**
- **This may cause hematoma, paraphimosis, lacerations and rupture of penis.**
- **Fractured or broken penis in bulls → due to rupture of the corpus cavernosum and tunica albuginea on the dorsal surface of the penis.**

Haemorrhage from the penis and prepuce

- May be due to tumors of the penis or lacerations of the penis or prepuce.
- Bleeding from the urethra → in bulls and stallion.
- Polyps in urethra of boars.
- Irregular shaped calculi in the lodged in the bulls urethra → bleeding and haemorrhage seen.

Rupture of the corpus cavernosum penis

- ✓ It is common and serious condition in bulls.
- ✓ Rupture occurs in the region of the insertion of the retractor penis muscles.
- ✓ In rams → near the root of the penis.
- ✓ More common in young animals.
- ✓ Refuse to make further mount.
- ✓ Haemorrhage at the site of rupture.

Miscellaneous injuries

- Kick injuries in stallion causes -- ventral hernias
 - fracture of the hindlimb
 - severe orchitis.
 - Dislocation of the hip,
 - fracture of the limb or pelvis etc.



THANK YOU