

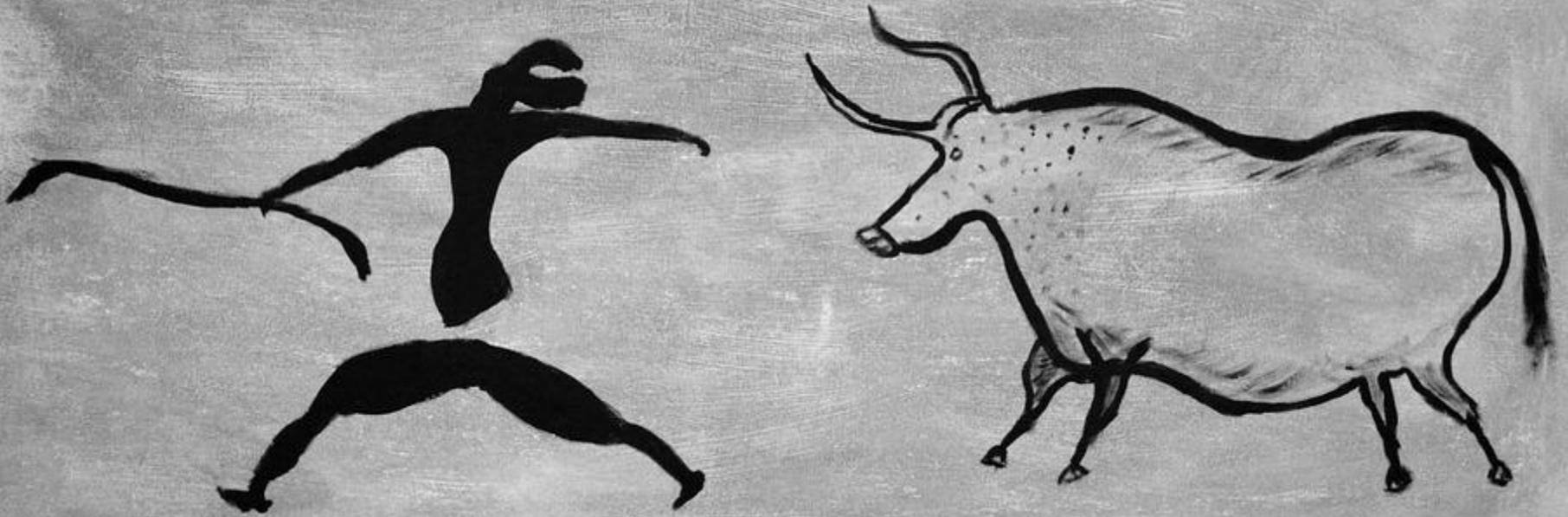
# Bull Techniques & Problems - Images

Peter J Chenoweth

BVSc (Hons), PhD, DACT,  
MANZCVSc

Manual of Animal Andrology, OpenResource

# A. Procedures



Ancient cave art

# Palpation of the epididymal head and the pampiniform plexus



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## Palpation of the epididymal tail



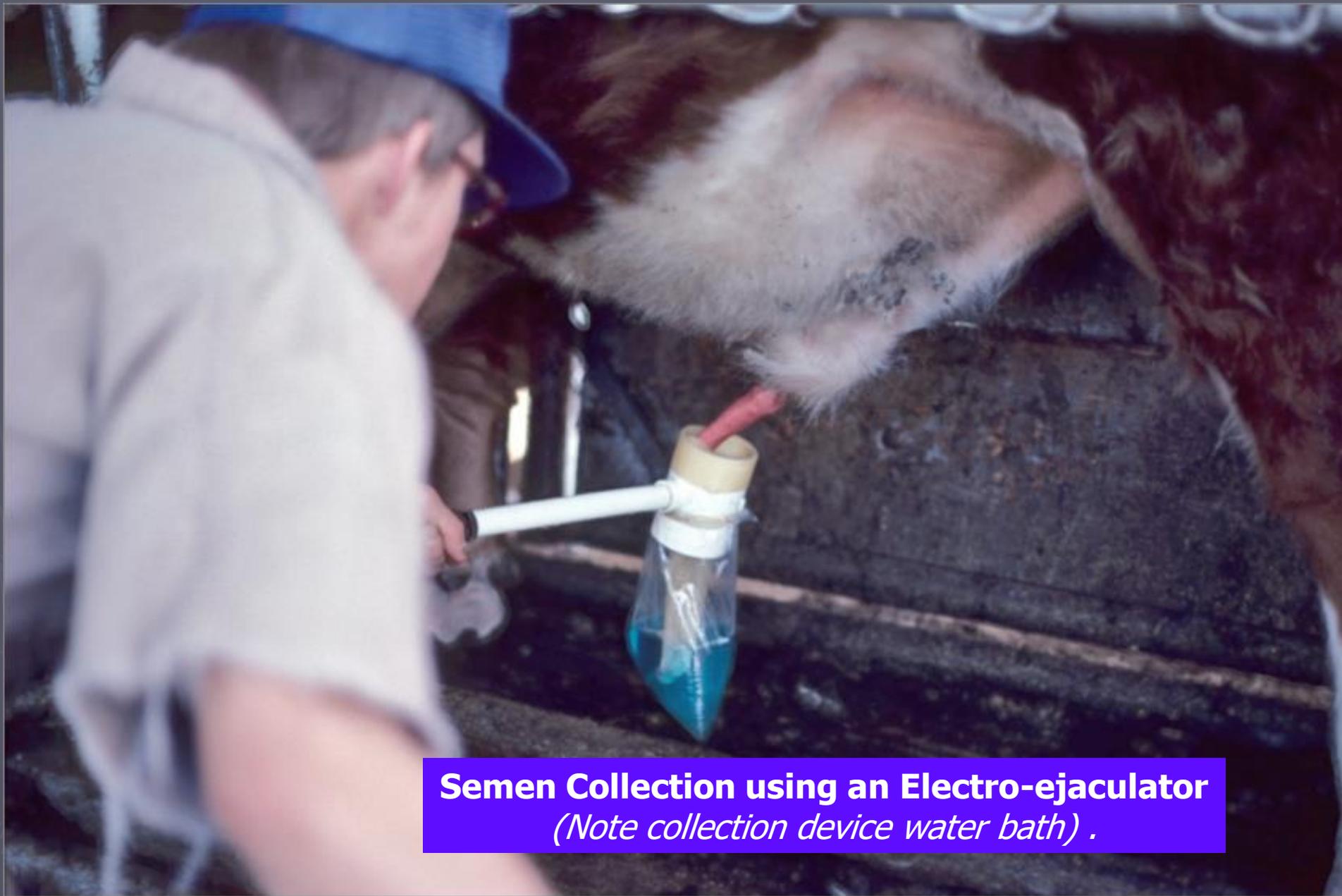
**Correct scrotal circumference measurement technique**



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**Incorrect scrotal circumference technique (r. thumb is "spreading" the testicle)**





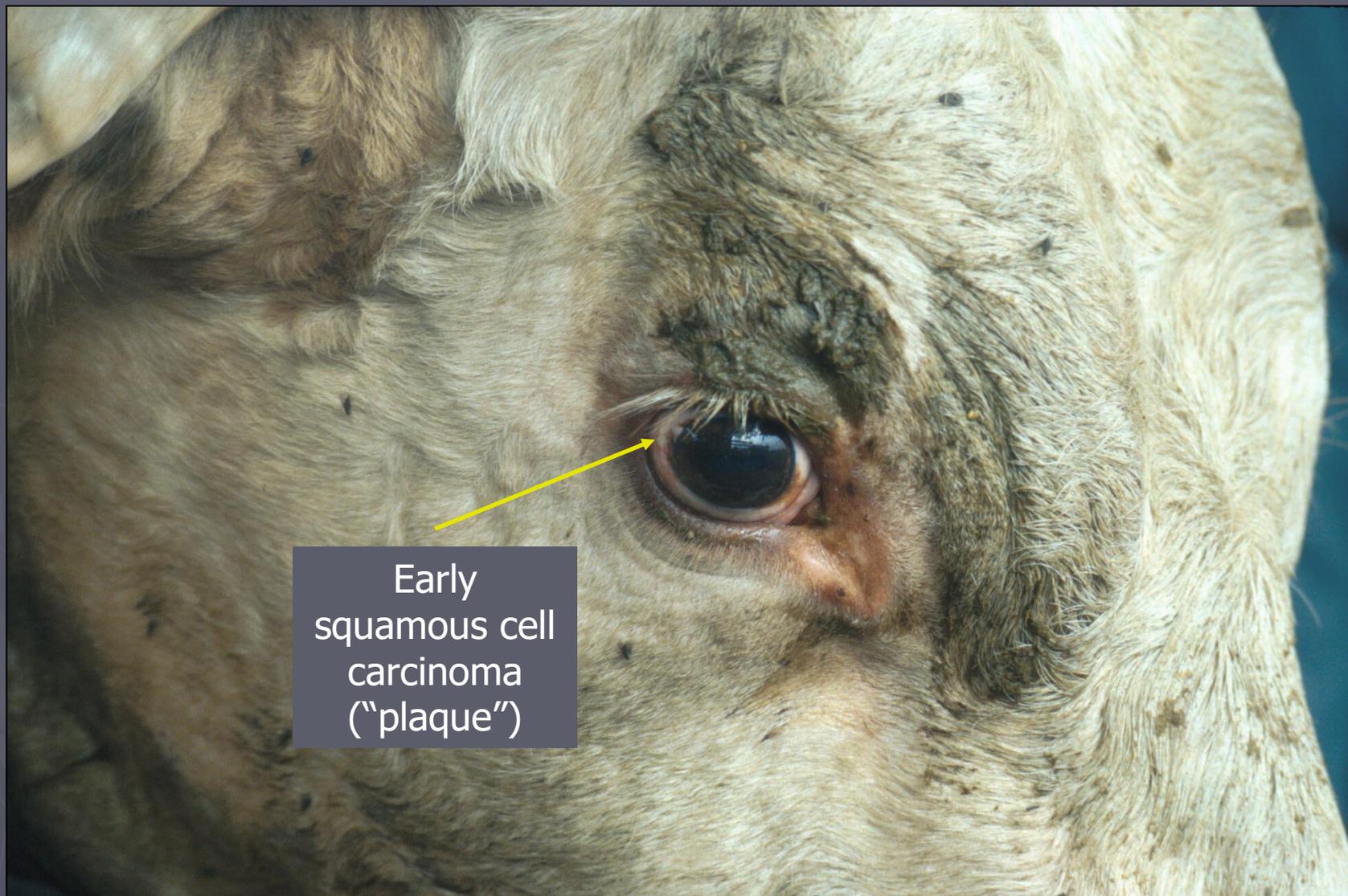
**Semen Collection using an Electro-ejaculator**  
*(Note collection device water bath) .*

# B. Bull Problems



Ancient Greek fresco

## Hereford Bull Ocular Exam



Early  
squamous cell  
carcinoma  
("plaque")

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# **“Back problem”**

Muscle wasting (rear), toe dragging, chronic preputial eversion



*From files of  
Dr PJ Chenoweth*

# Unilateral Muscle Wasting



*From files of*  
**Dr PJ Chenoweth**

**"Back Problem"** ; abnormal mounting, use of head & neck



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**“Back Problem”**; abnormal mounting, use of head & neck



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Dr PJ Chenoweth

**“Back problem”**; abnormal mount, inability to “seek”,  
penile deviation or erection disability



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Dr PJ Chenoweth, K-State



**Penile "filling defect" (possibly due to CCP leakage**

**“Back problem”:** Toe dragging, stepping “short”.



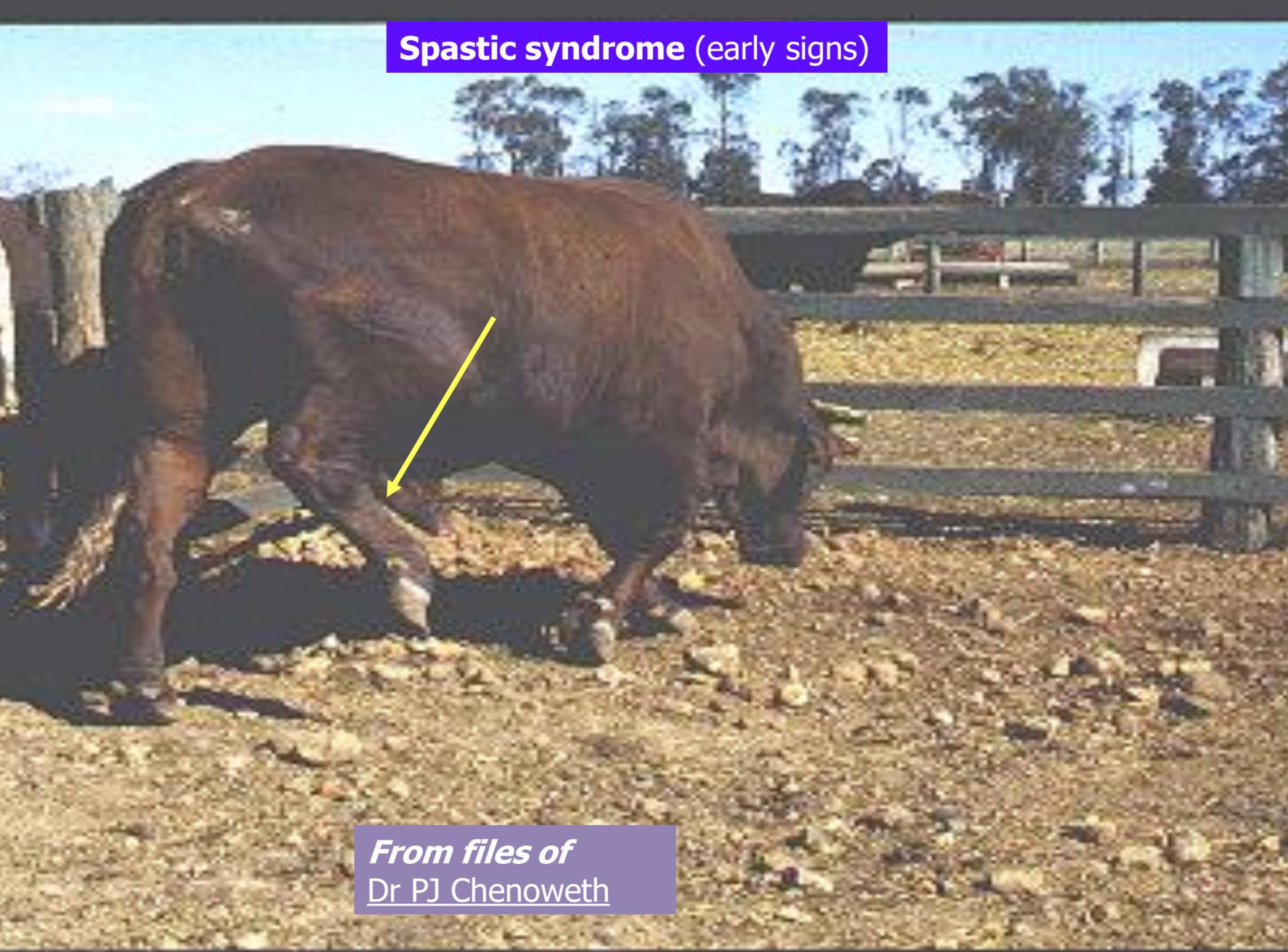
*From files of*  
Dr PJ Chenoweth, K-State

# “Post-leg” (Simmental)



*From files of  
Dr. B. Chenoweth*

**Spastic syndrome (early signs)**



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Dr PJ Chenoweth

**Spastic paresis** ("Elso heel") – Tarentaise bull



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Dr PJ Chenoweth*

Corkscrew claw



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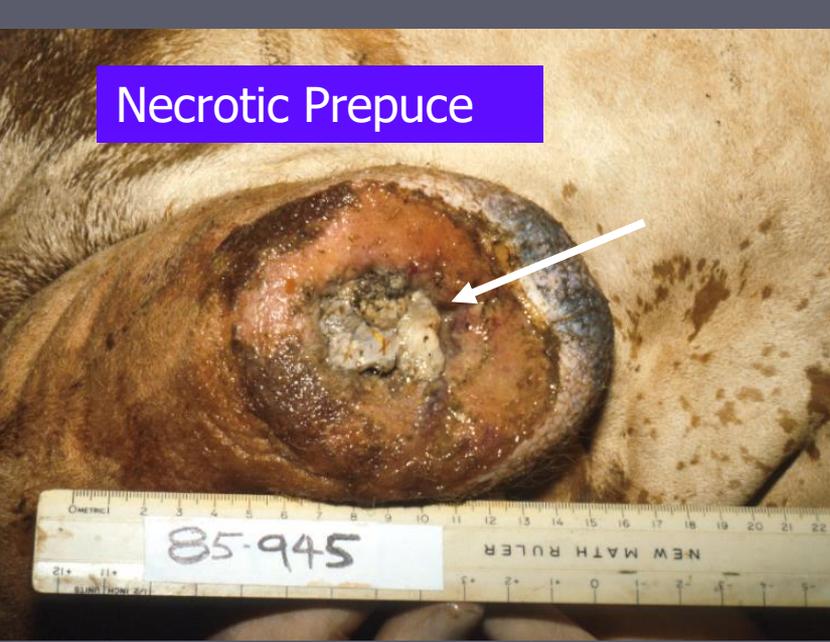
# Corkscrew claw



Footrot

from Dr Beeman, Kansas State U

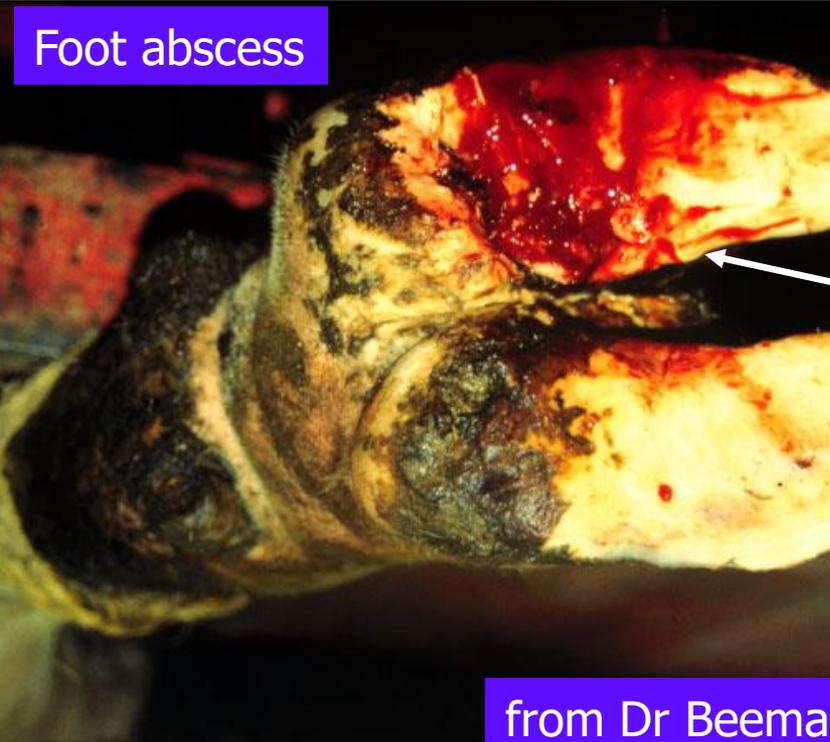




Necrotic Prepuce



Hairy wart



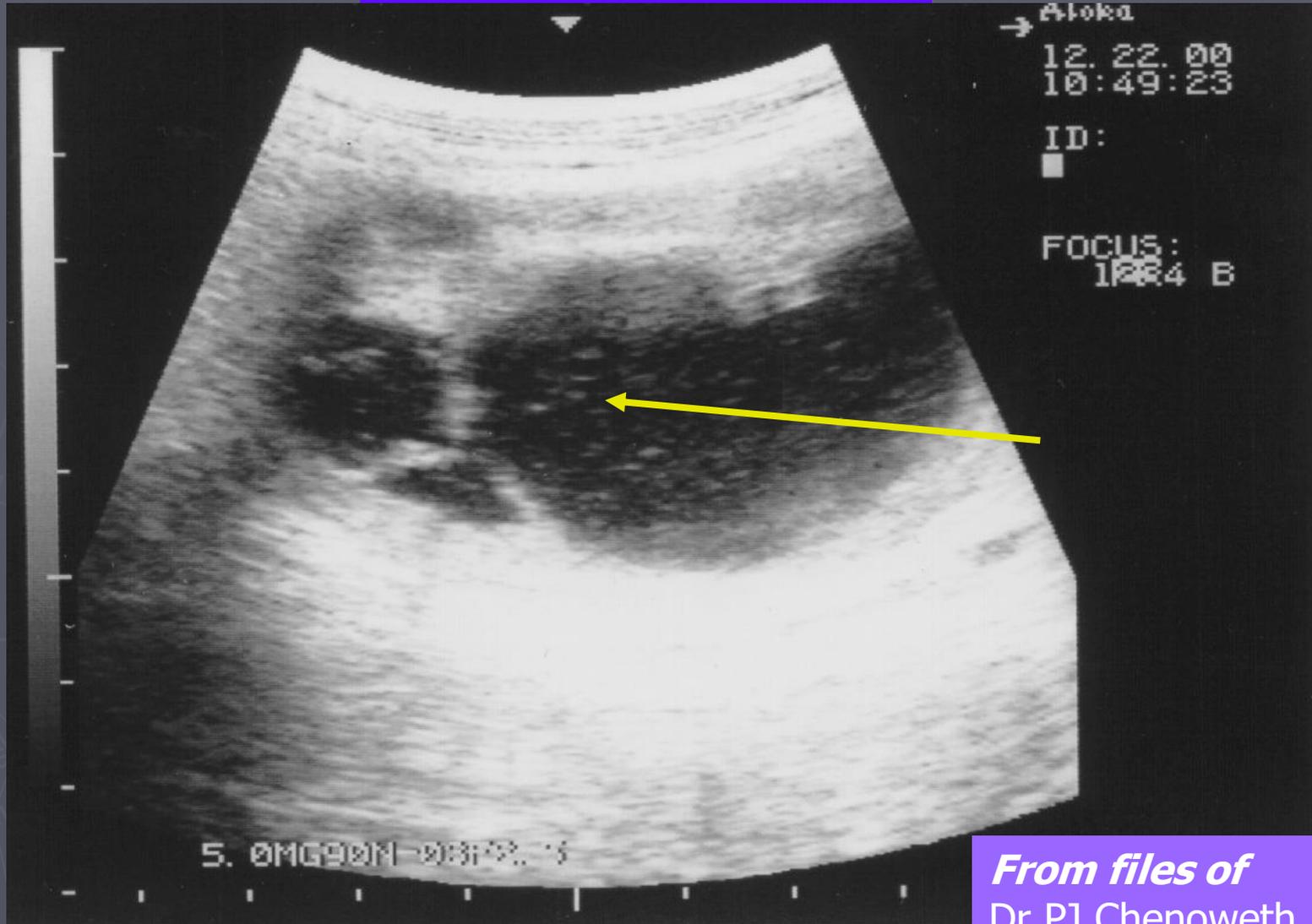
Foot abscess



Toe abscess

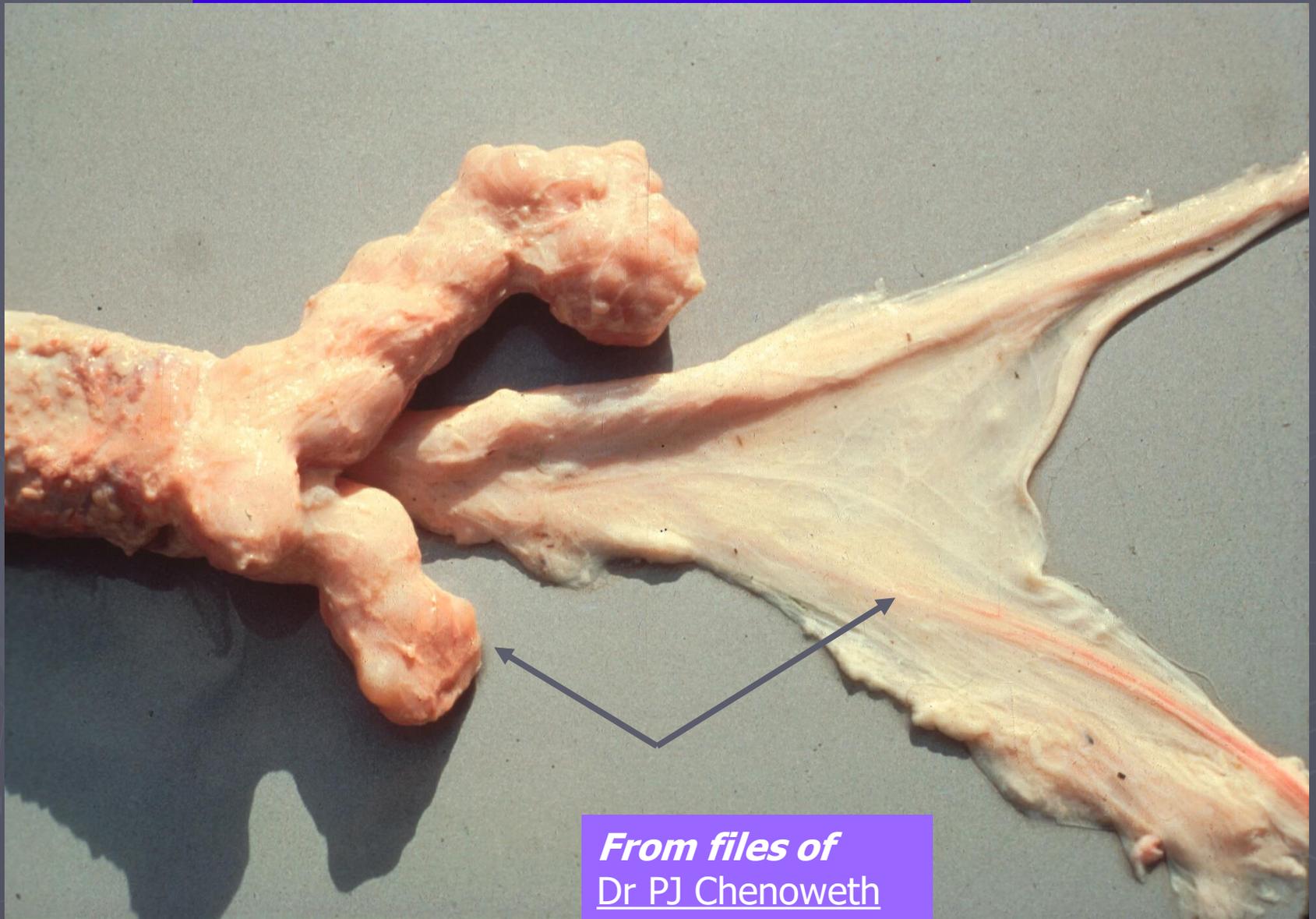
from Dr Beeman, Kansas State U

# Varicocele



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Dr PJ Chenoweth*

**Segmental aplasia/hypoplasia of Wolffian duct**



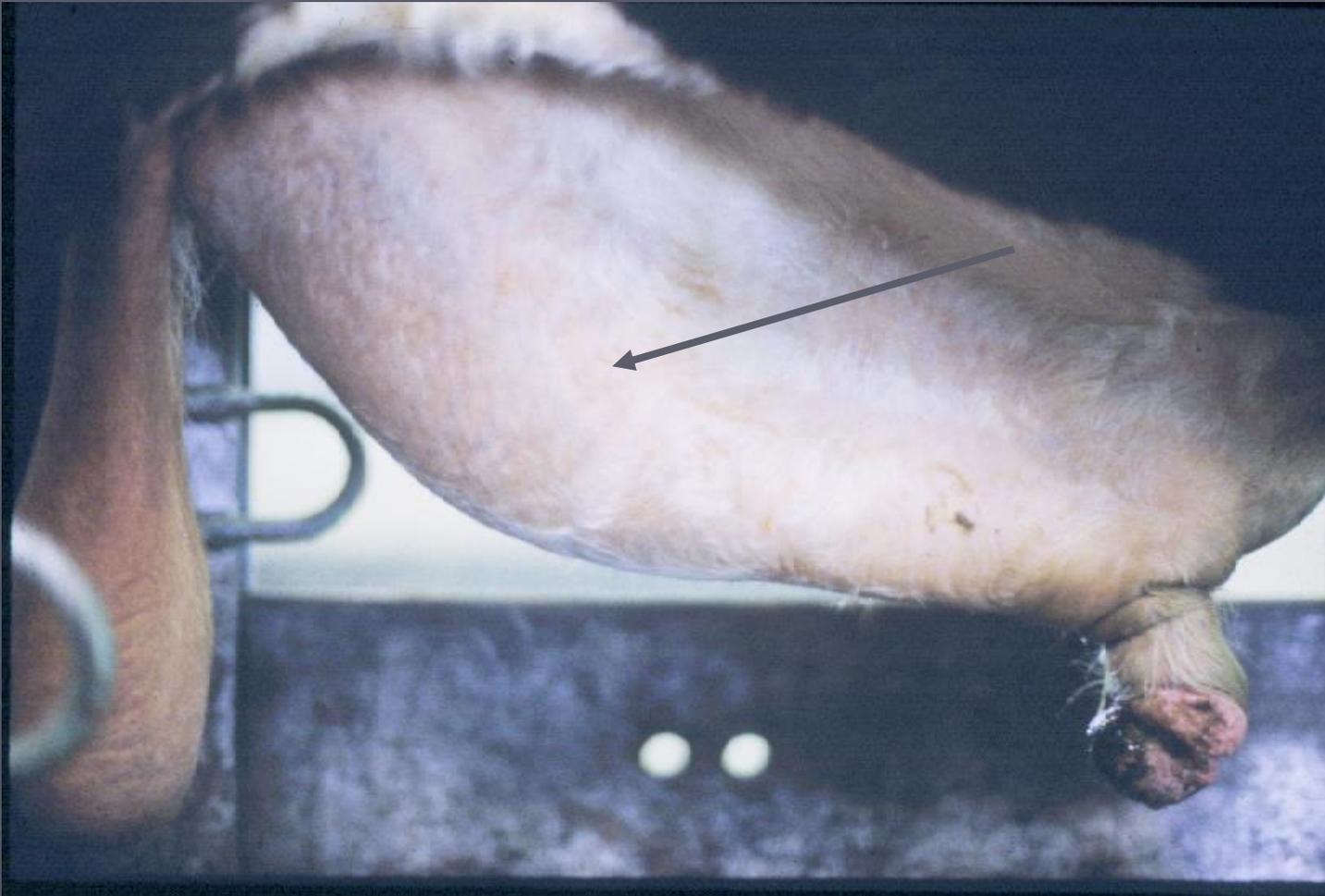
*From files of  
Dr PJ Chenoweth*

Spiral ("Corkscrew") deviation of the penis

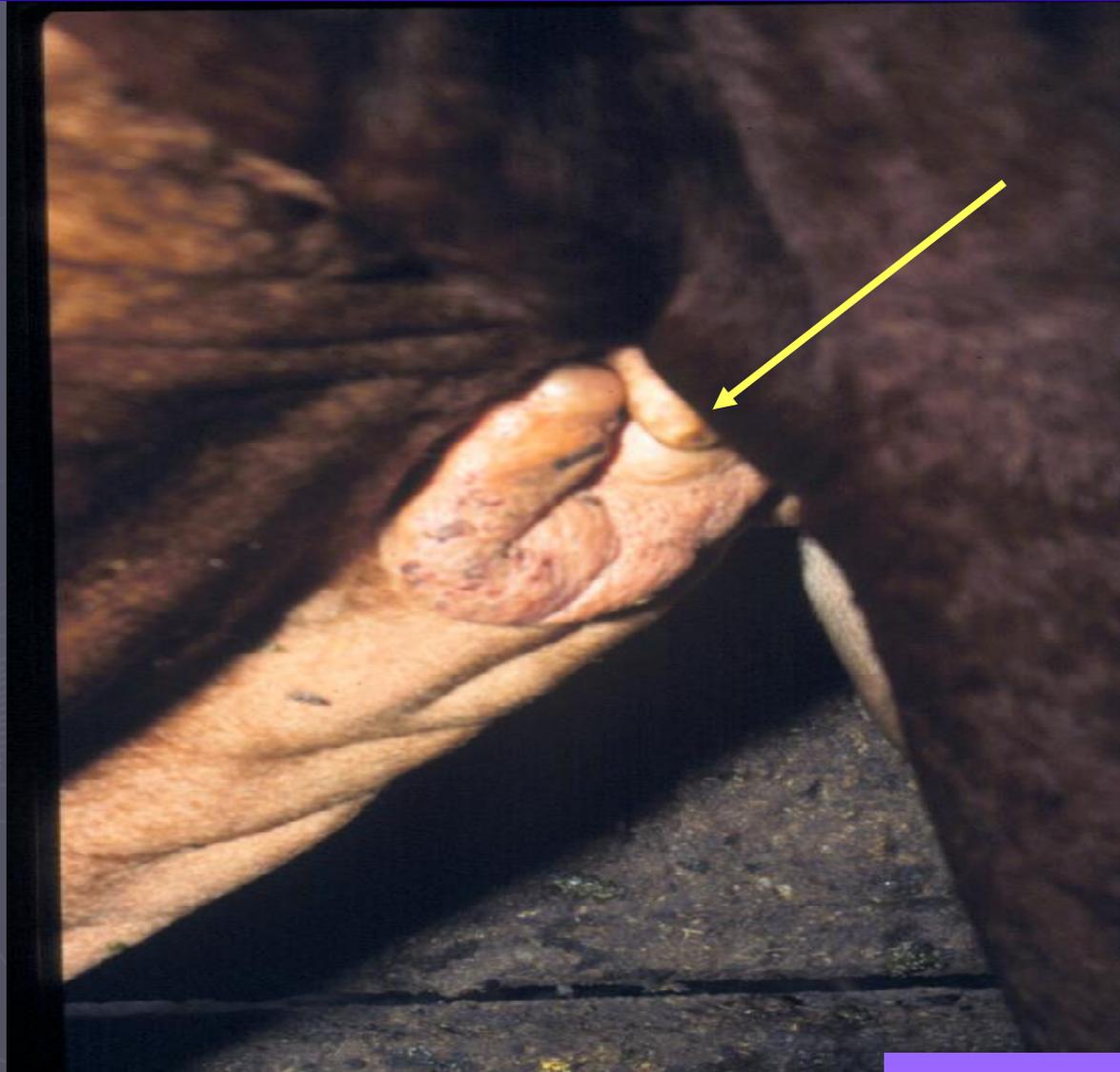


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## Penile hematoma ("Broken penis")



## Sheath lesion caused by stephanofilaria



**Penile Hair Ring**



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# Persistent Penile Frenulum



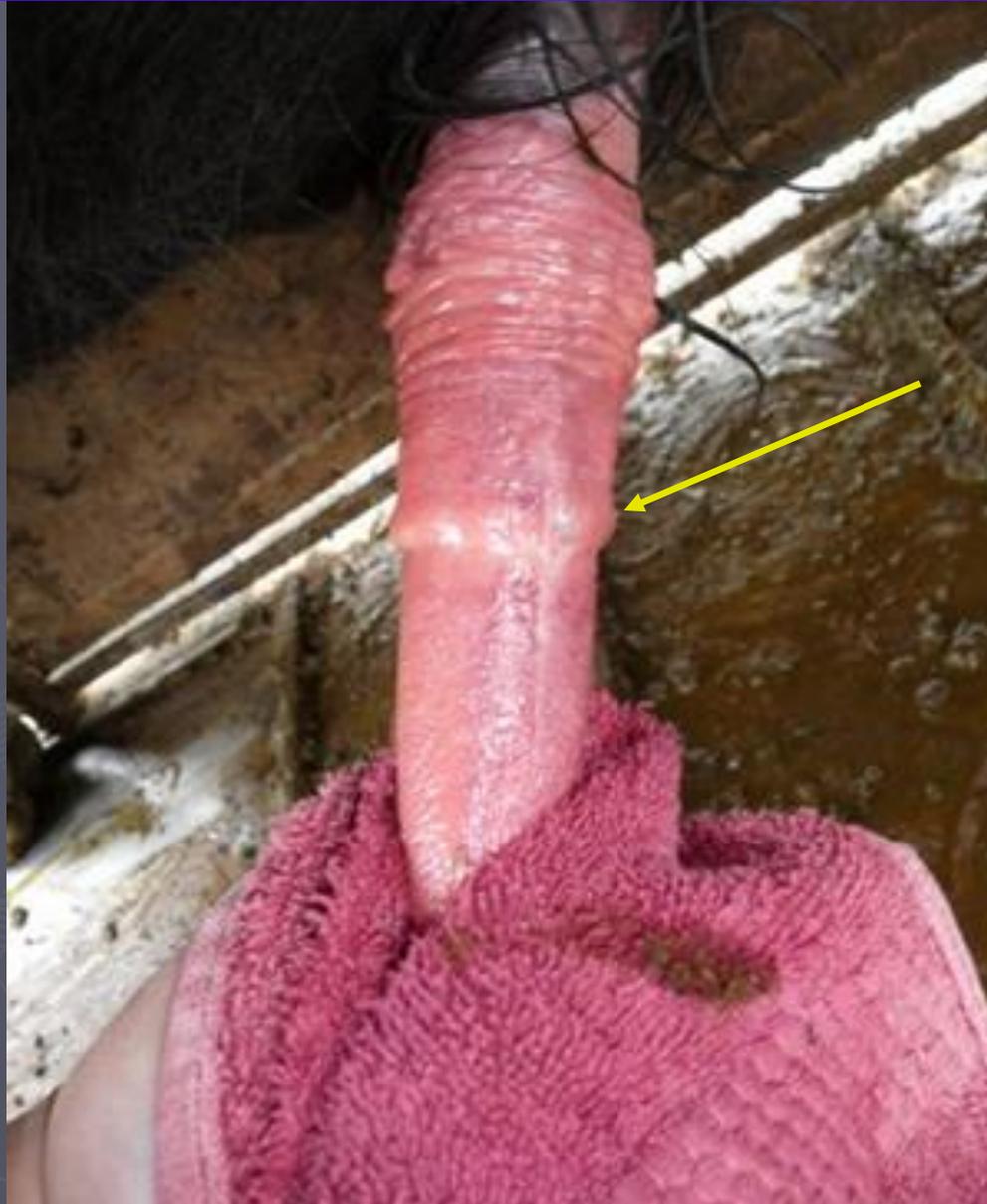
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# Persistent Penile Frenulum



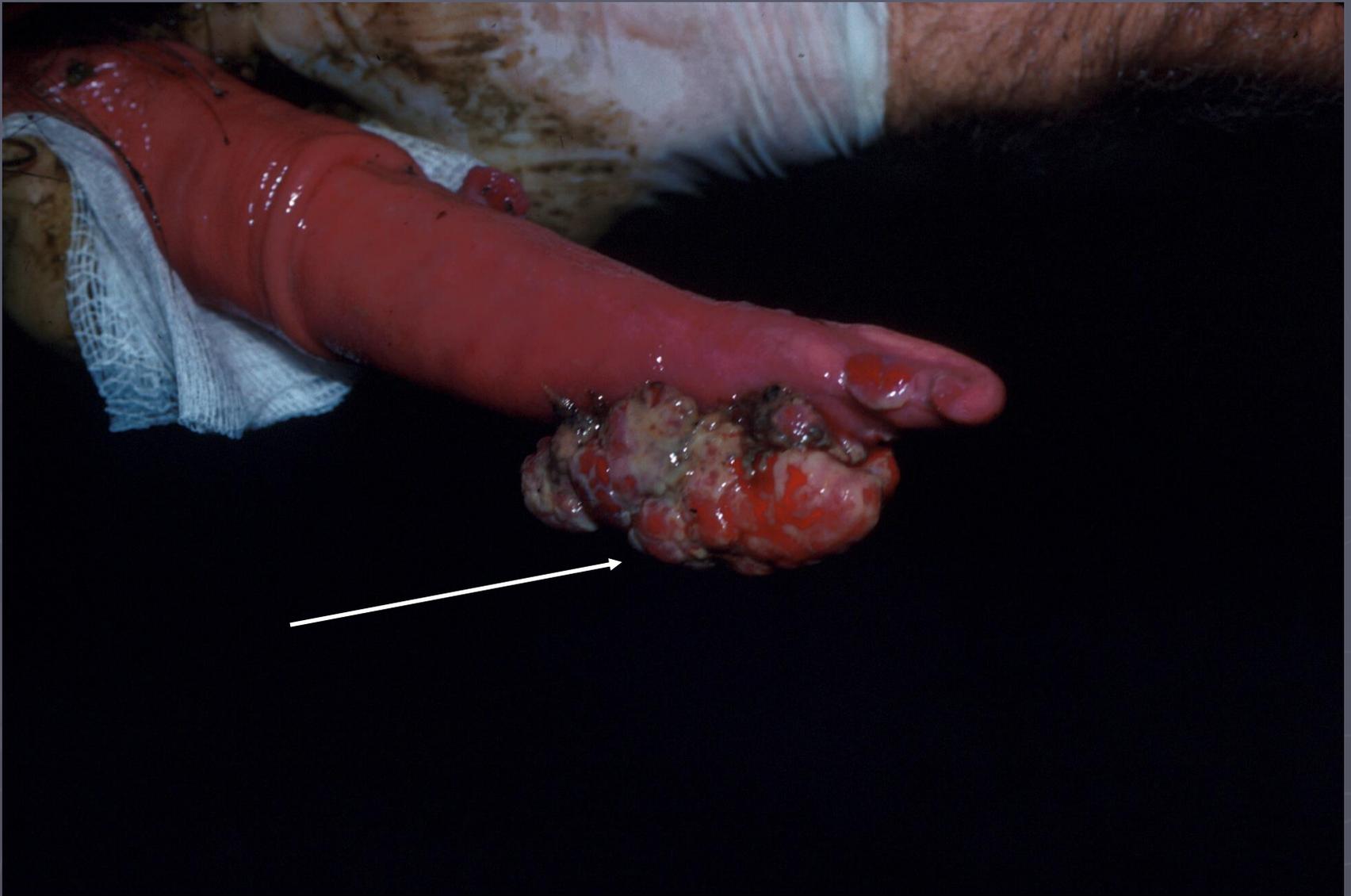
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# Incomplete separation of penile and preputial epithelia in young bull



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## Penile fibropapilloma ("wart")



# Phimosis



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**Penile laceration** (under repair), *due to damage from AV*



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**Phimosis secondary to infection/inflammation**



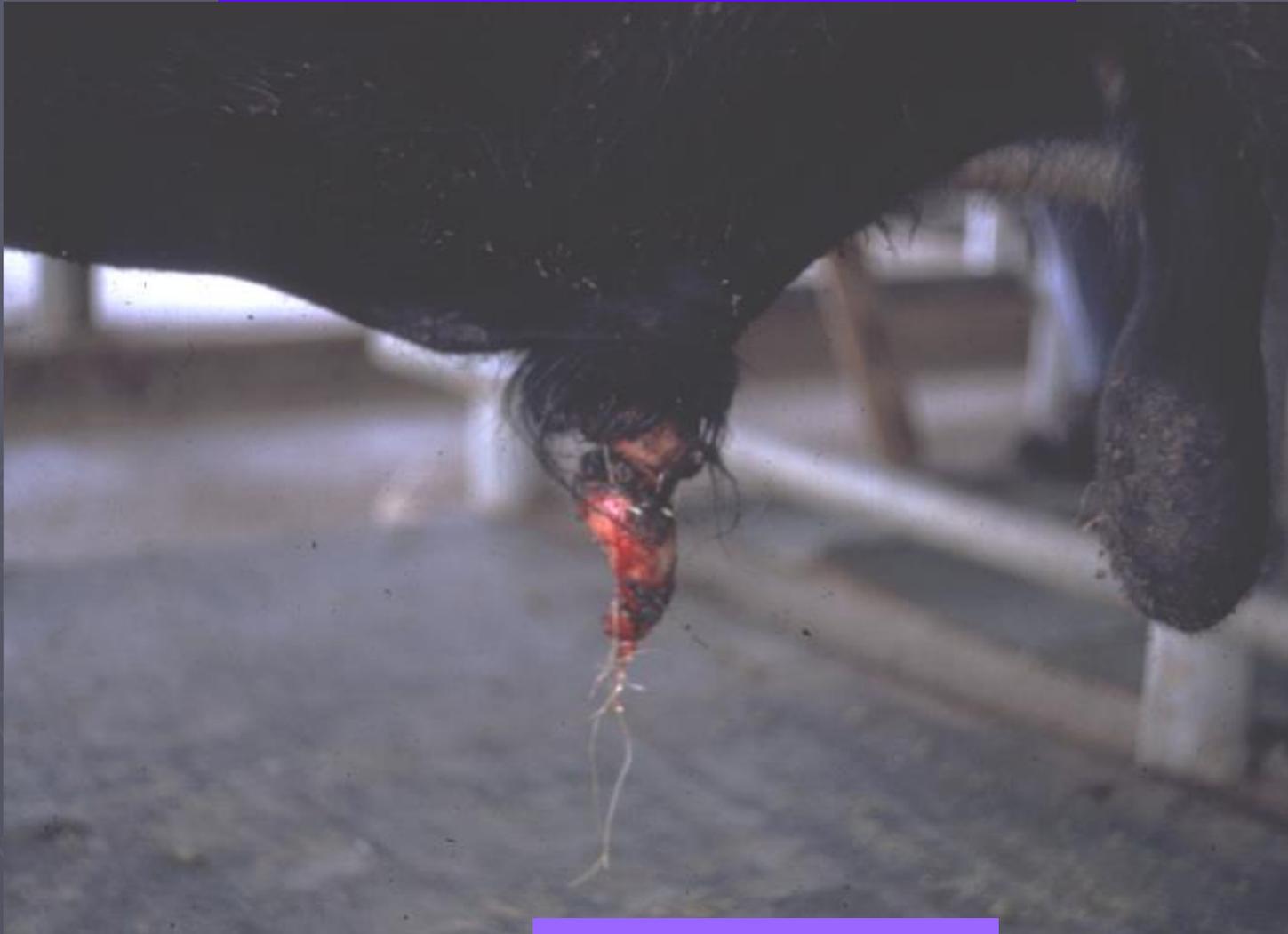
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Phimosis secondary to infection/inflammation



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## Paraphimosis, secondary to trauma



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# Paraphimosis; secondary to Preputial Trauma/Inflammation



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**Moderately pendulous sheath – *Bos indicus* cross**



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**Pendulous sheaths –**  
*Bos indicus*



# Preputial trauma, inflammation and eversion



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# Preputial trauma, inflammation and eversion



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# Severe, ulcerative balanoposthitis



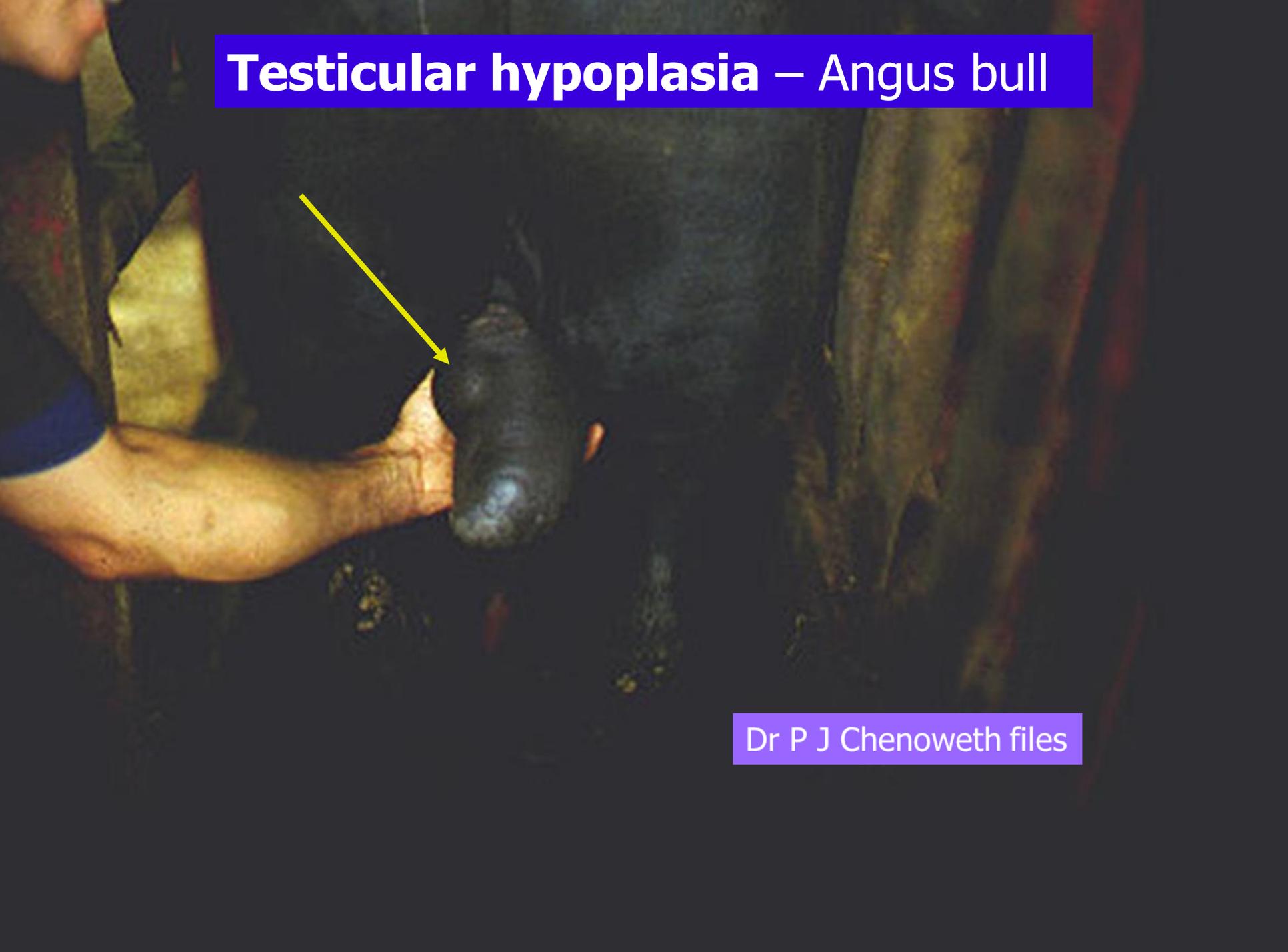
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# Necrotic balanoposthitis



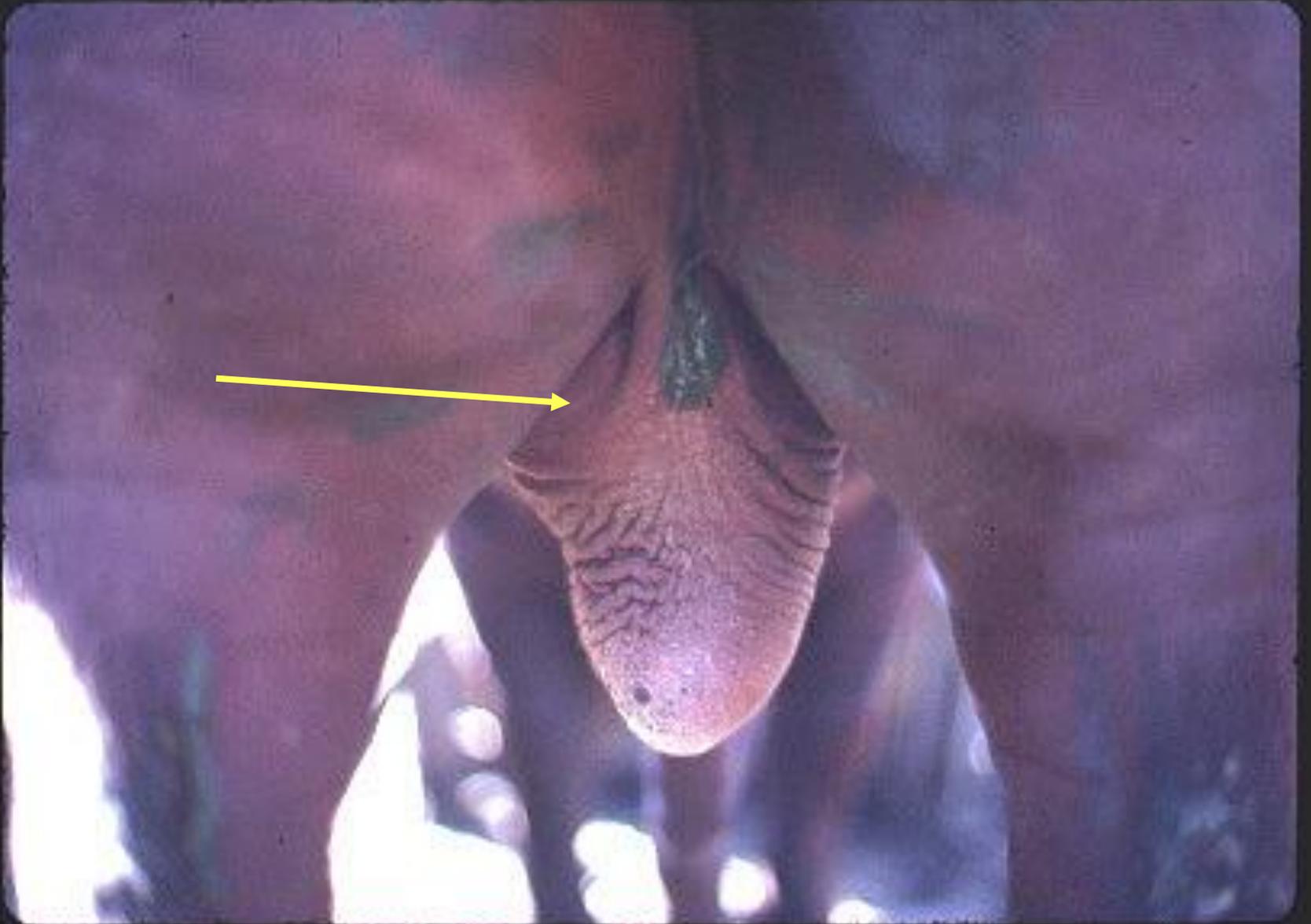
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# Testicular hypoplasia – Angus bull

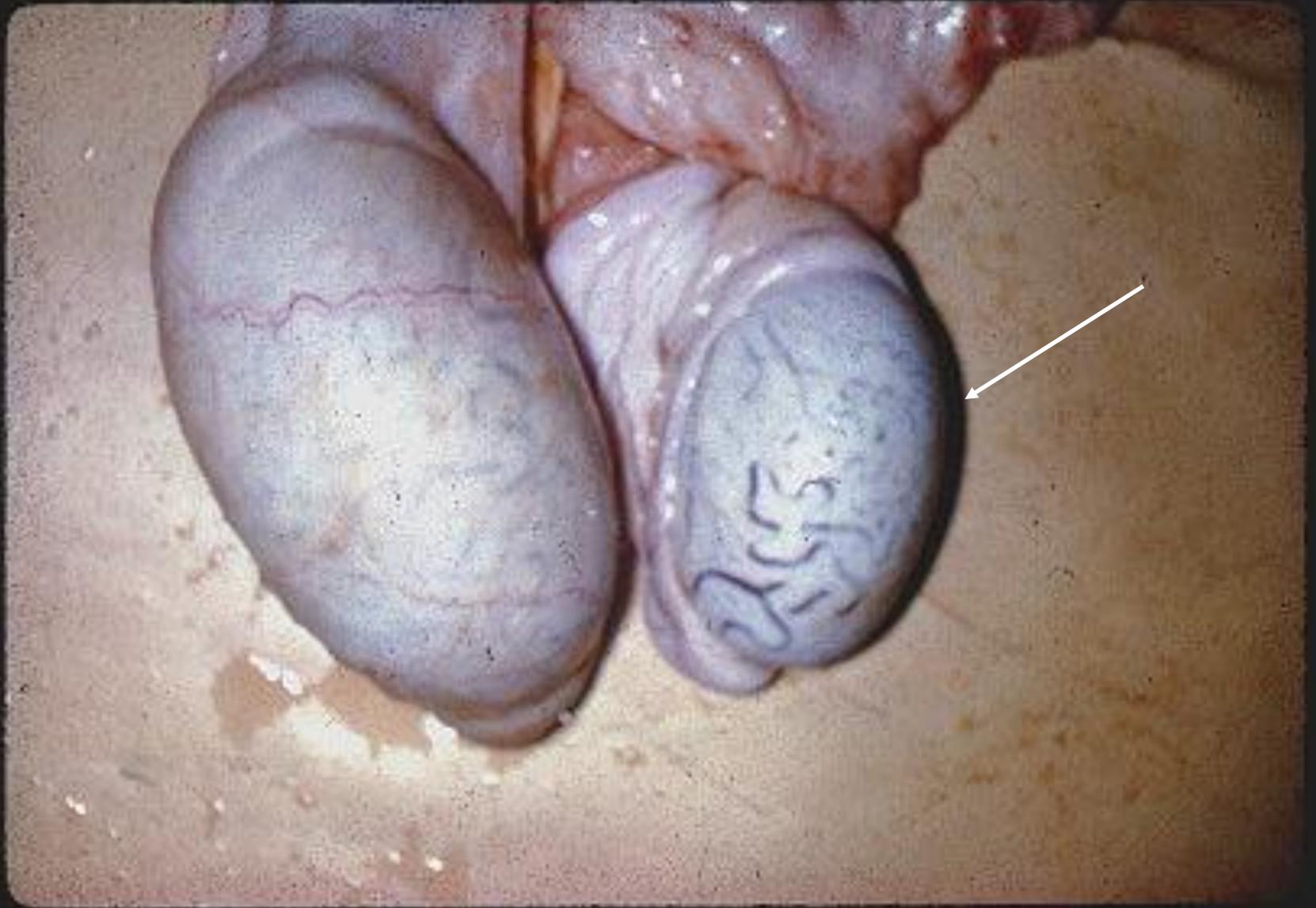


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# Testicular hypoplasia



# Testicular hypoplasia



**Abnormal scrotal attachment**

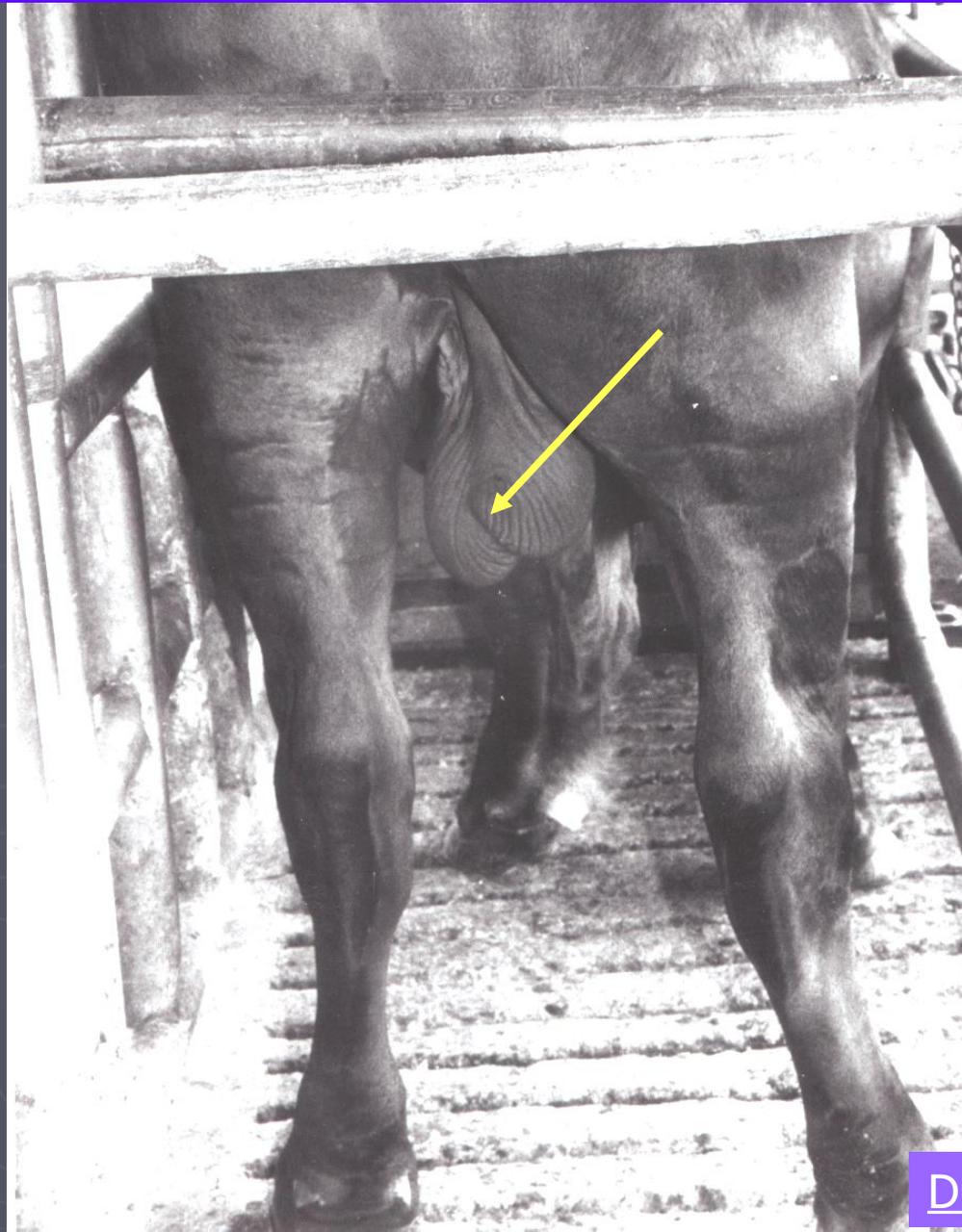


# Testicular Rotation



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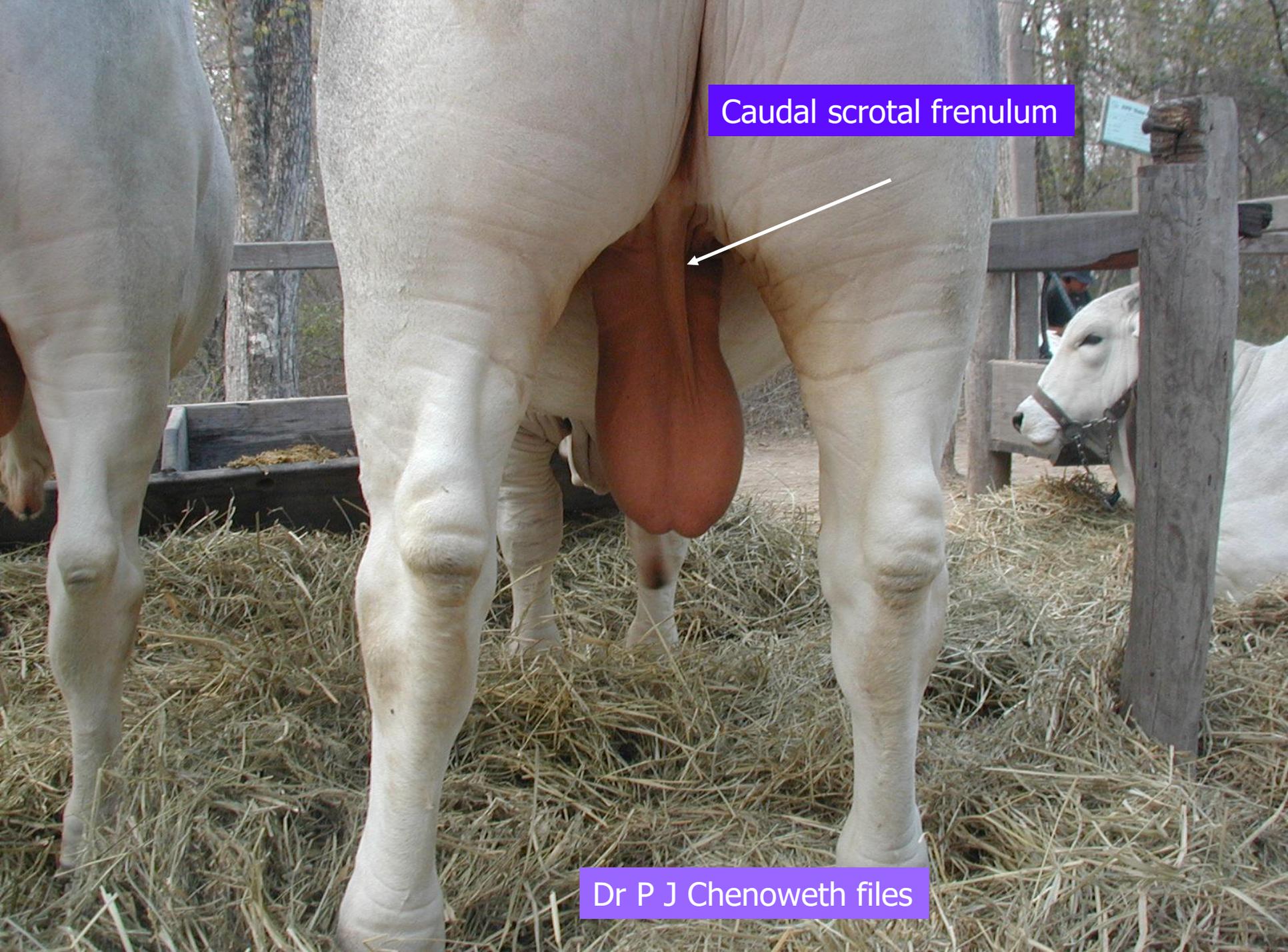
Abnormal epididymal tail position, plus testicular rotation associated with abnormal scrotal attachment





Caudal scrotal frenulum

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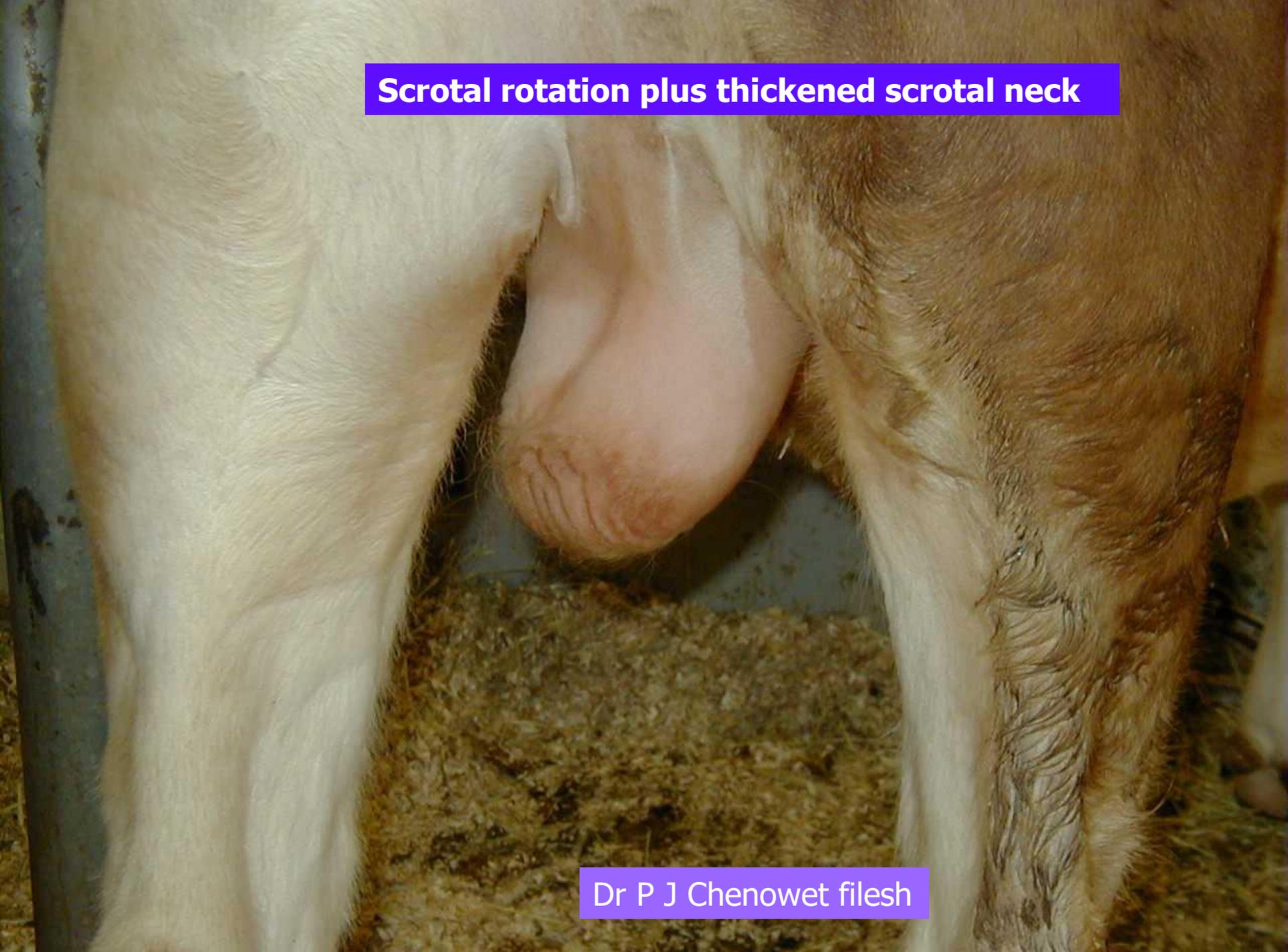


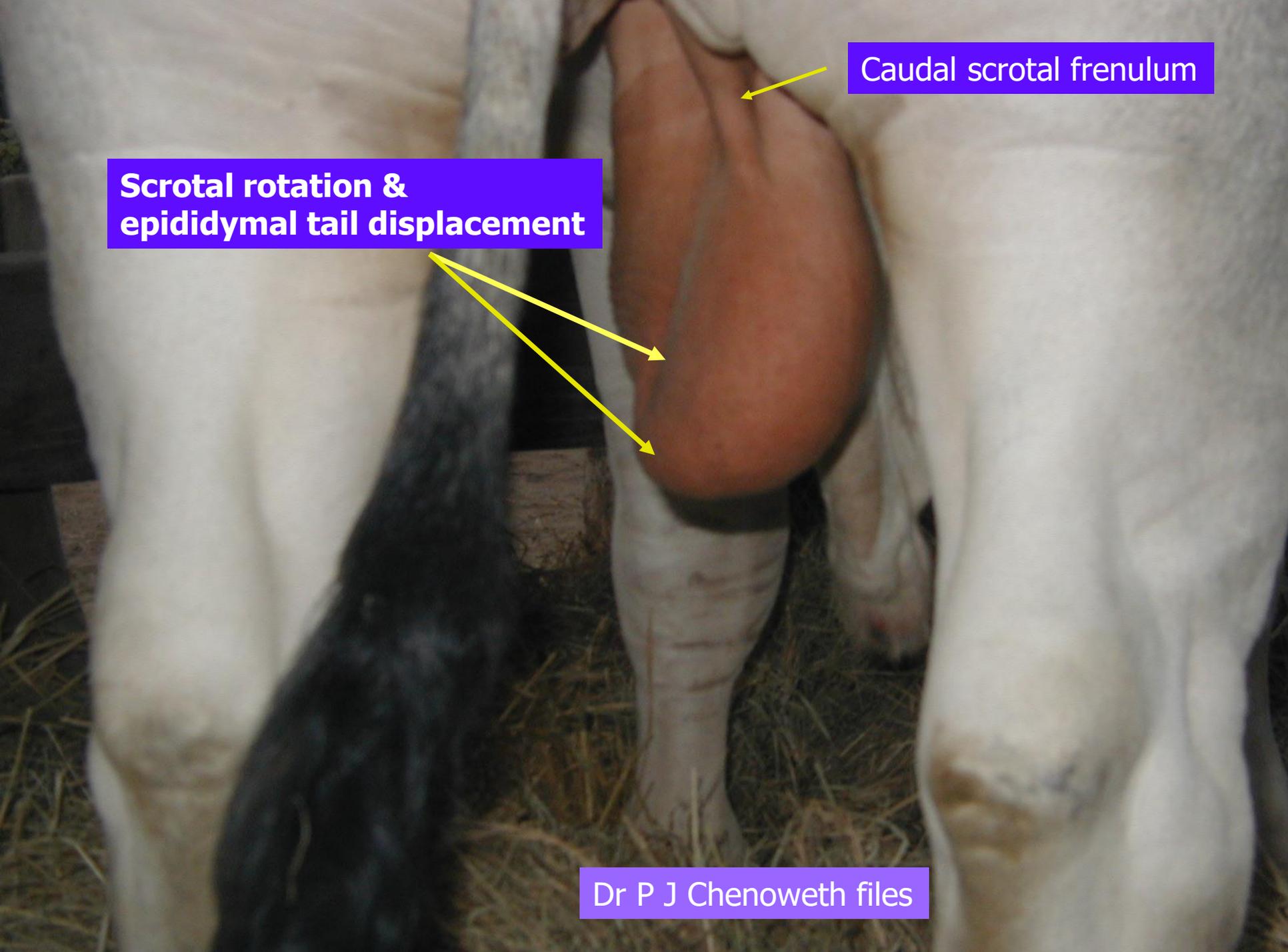
Caudal scrotal frenulum

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**Scrotal rotation plus thickened scrotal neck**

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A close-up photograph of a bull's scrotum. The scrotum is a large, reddish-brown, oval-shaped structure. A yellow arrow points to the top edge of the scrotum, labeled 'Caudal scrotal frenulum'. Two other yellow arrows point to the lower part of the scrotum, labeled 'Scrotal rotation & epididymal tail displacement'. The bull's legs and tail are visible in the background.

Caudal scrotal frenulum

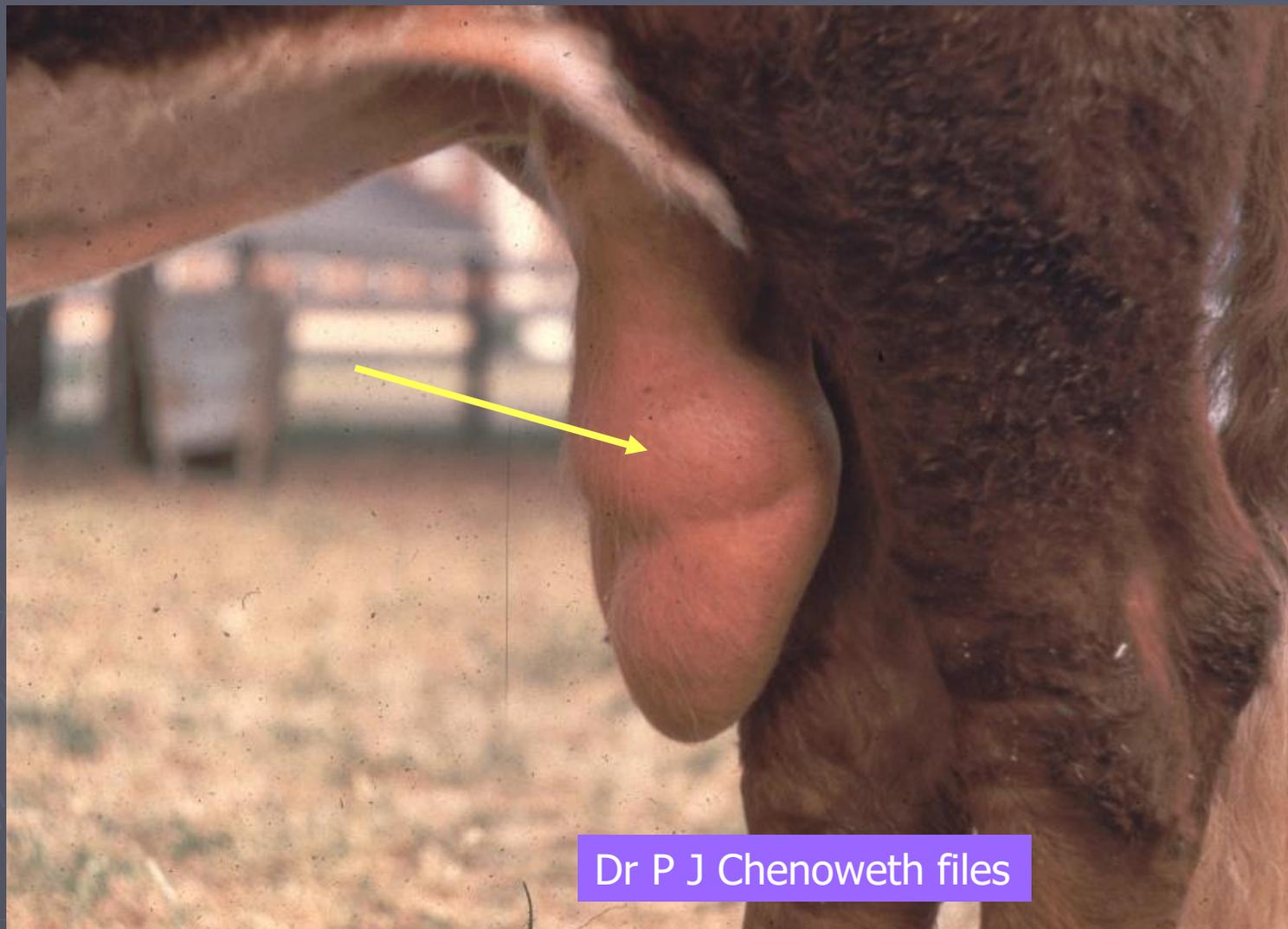
Scrotal rotation &  
epididymal tail displacement

**Epididymal tail displacement**



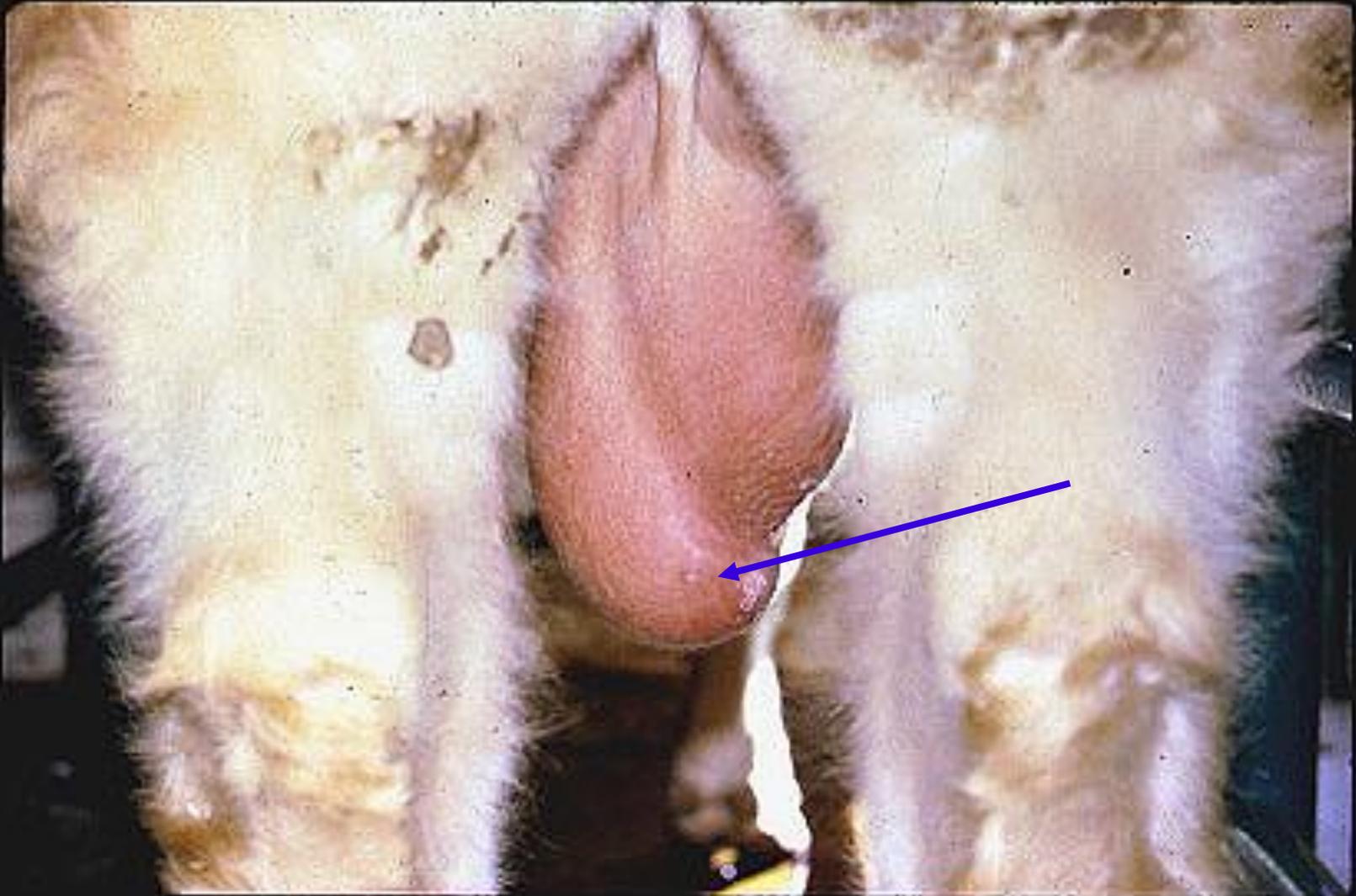
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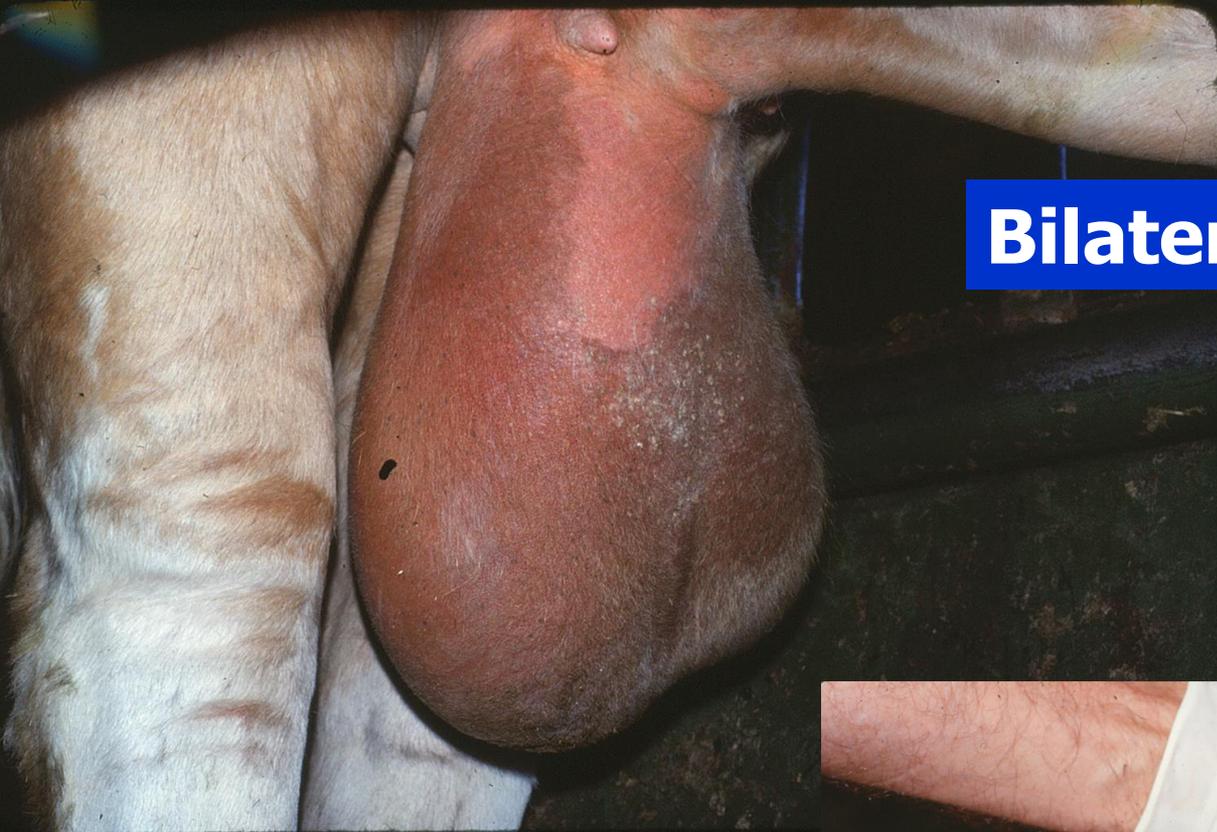
# Scrotal (inguinal) hernia



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# Orchitis (bacterial)





**Bilateral Orchitis**



**Unilateral Orchitis**

## Intra-scrotal hematoma



# The End

