

26 Day Pregnancy

28 Day Pregnancy

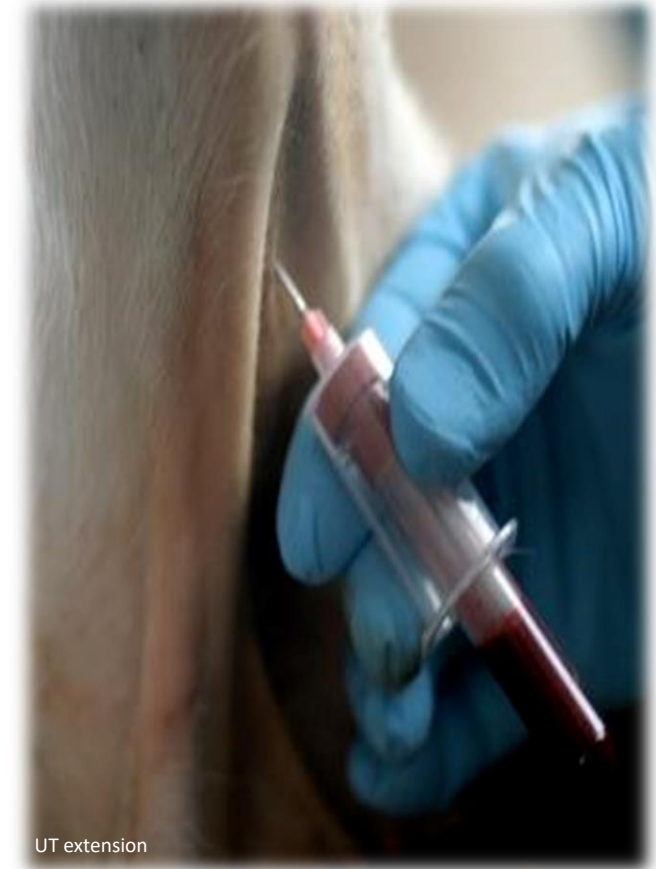
35 Day Pregnancy



45 Day Pregnancy

60 Day Pregnancy

65 Day Pregnancy



UT extension

Pregnancy Check Time!

Vitor R. G. Mercadante

Reproductive Efficiency

=

Management

+

Nutrition and Health

+

Selection pressure

+

Reproductive technologies

Culling Open Cows!!

Economics of Pregnancy Diagnosis

Cost of maintaining a
cow from breeding to
weaning

\$600

Weaned calf

\$800

Profit

\$200



Cost of maintaining a
cow from breeding to
weaning

\$600

Weaned calf

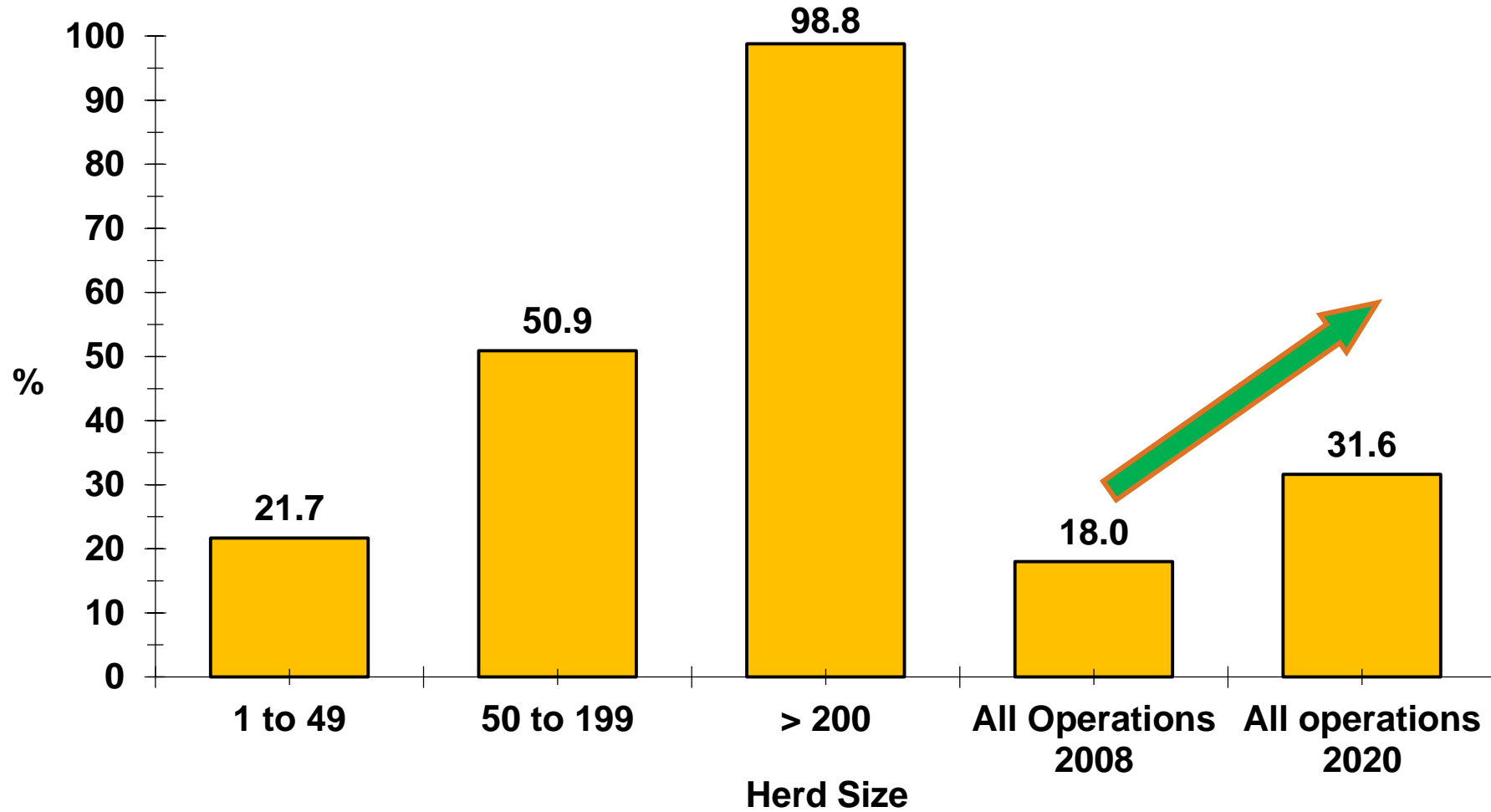
\$0

Loss

\$800



Pregnancy Diagnosis



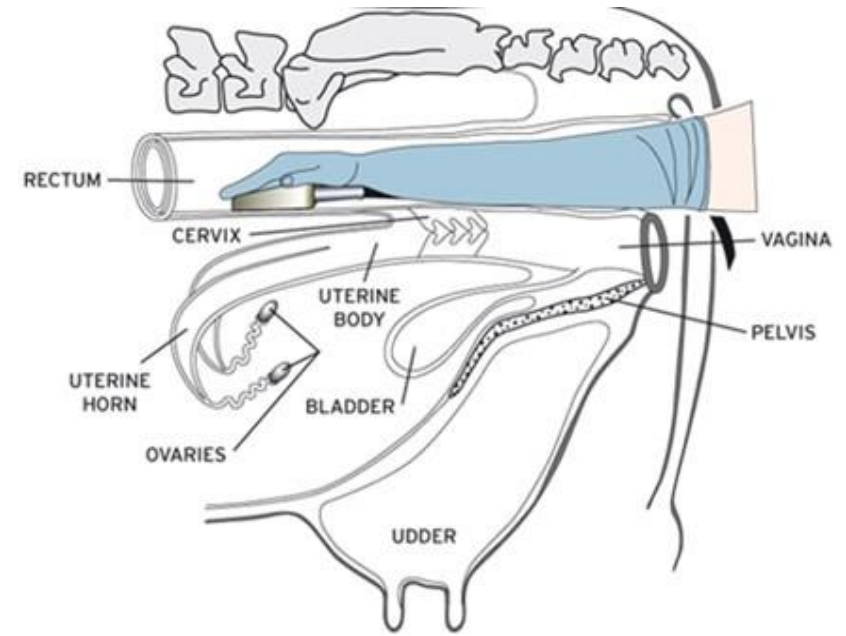
Pregnancy Diagnosis

- **Rectal Palpation**
 - Immediate diagnosis
 - Low cost (\$3-5/hd)
 - Highly accurate
 - Experienced veterinarian
 - Stage of pregnancy
 - As early as 30 days



- Ultrasonography

- Immediate diagnosis
- Low cost (\$3-5/hd)
- As early as 26 days
- Heartbeat
- Detection of twins
- Accurate fetal measurements and aging
- Fetal sexing

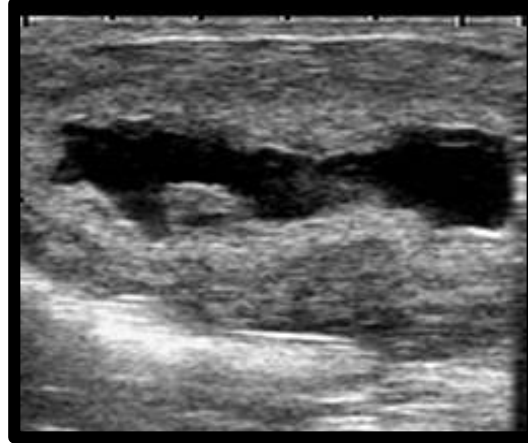


Pregnancy Diagnosis

Ultrasonography



26 Day Pregnancy



28 Day Pregnancy



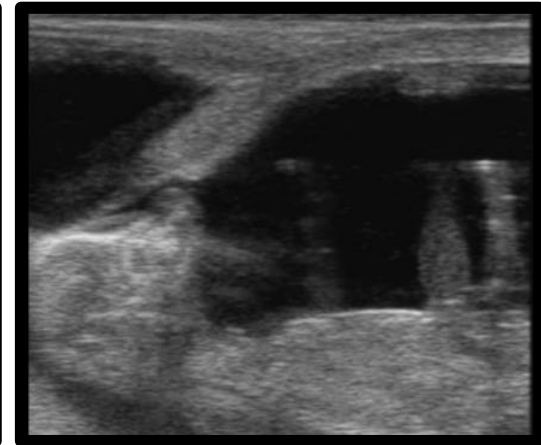
35 Day Pregnancy



45 Day Pregnancy



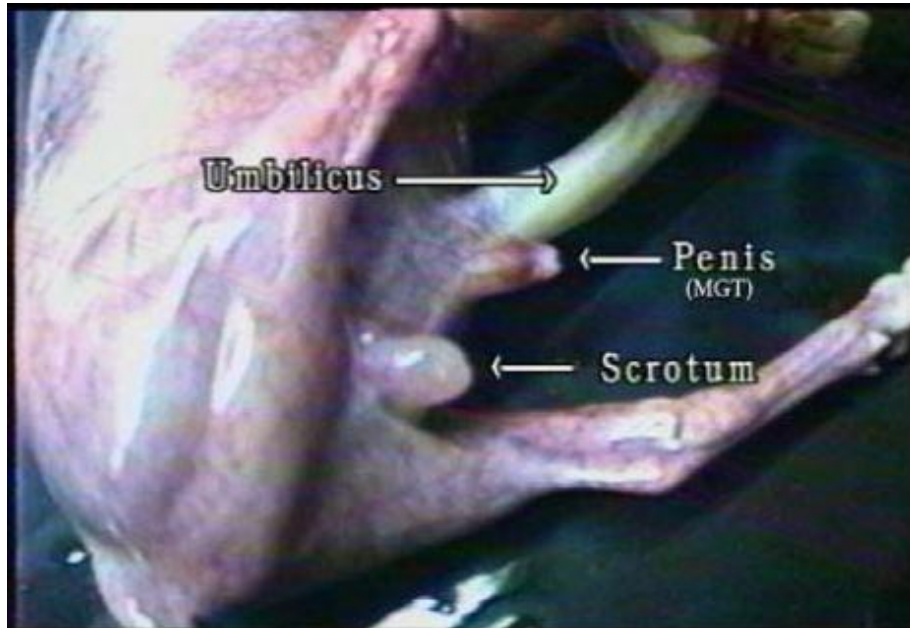
60 Day Pregnancy



65 Day Pregnancy

Ultrasonography - *Fetal Sexing*

- Male – day 65

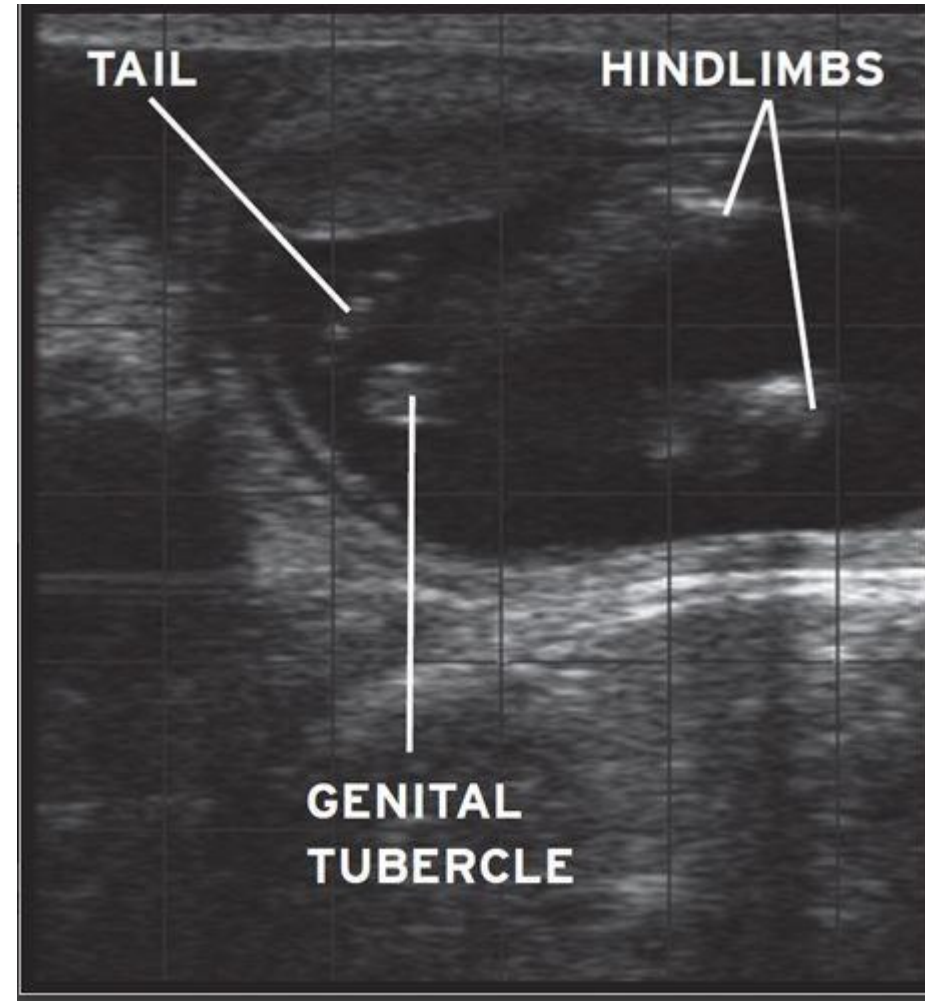
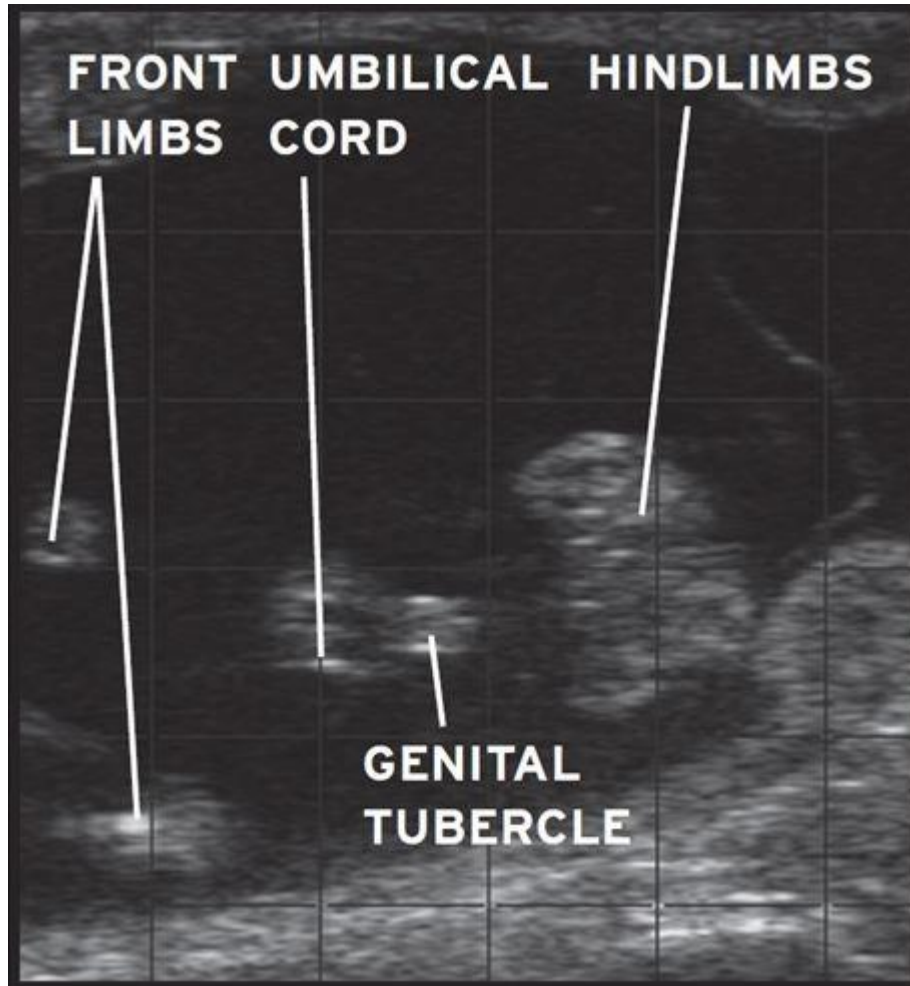


- Female – day 65



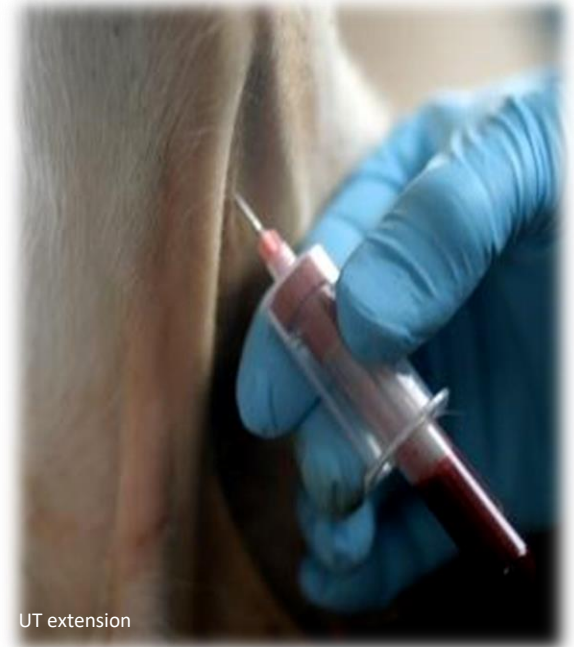
Ultrasonography - *Fetal Sexing*

- **Male – day 65 of gestation**
- **Female – day 65 of gestation**



Pregnancy Diagnosis

- **Blood test** – *Pregnancy Associated Glycoproteins (PAG)*
 - As early as
 - **25 days** – heifers
 - **28 days** – cows
 - High accuracy: 99% when cow is open
 - **60 to 90 days post calving**
 - Not chute side – 1 to 2 weeks to receive results
 - Low Cost - **\$2.50 to \$5.00**
 - **Need to collect blood!**



UT extension



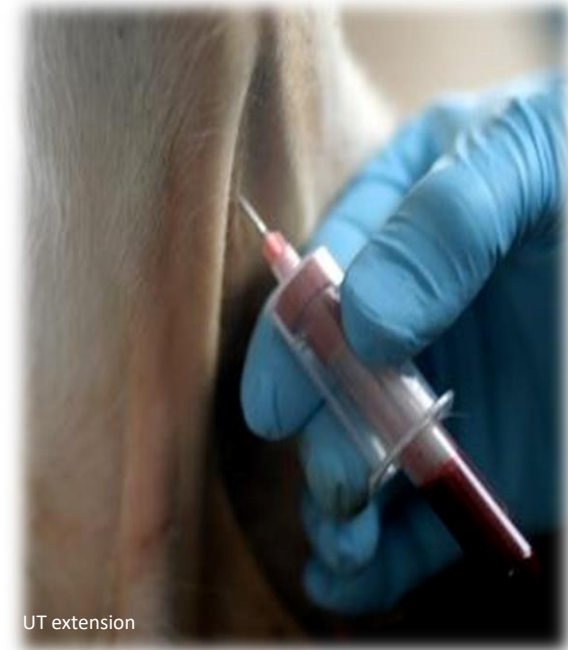
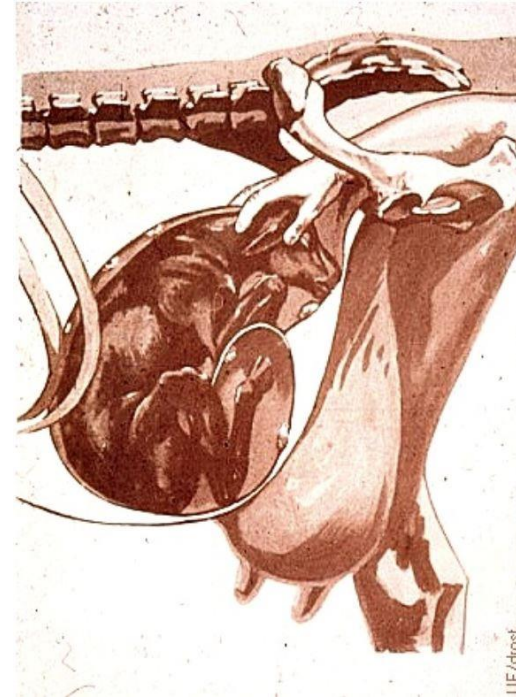
biOPRYN®

Pregnancy Diagnosis

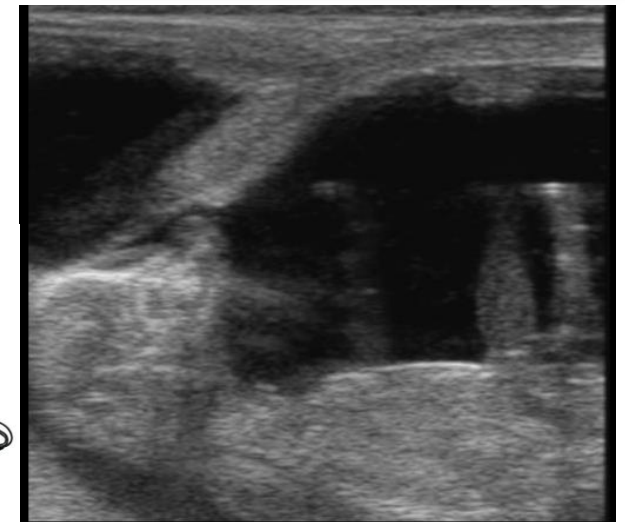
- Rectal Palpation
- Ultrasonography
- Blood tests

- *Veterinarian relationship*

- **PREG CHECK YOUR COWS!!**



UT extension



Contact Information

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