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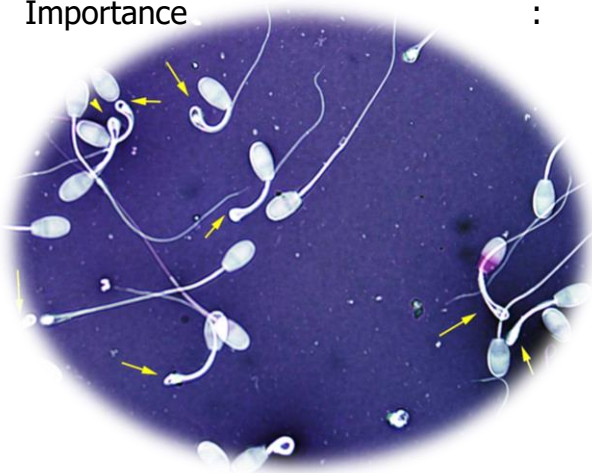
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# **AMALIA STUDY GROUP IN MAMUSA Breeding Soundness Evaluation**

- Event : Farmers' Study Group Training Day
- Presenter : N.P. Bareki
- Presentation title : Breeding Soundness Evaluation
- Location : Ipopeng, Amalia in Mamusa
- Date : 23 November 2021
- Requesting Agric advisor : Mr A.C. Mallo
- Aim : Training of selected study group farmers
- Purpose : To enhance farmers' knowledge on the importance of evaluating breeding soundness of bulls prior to joining the herd.
- Importance :
  - The bull's fertility is several times more important than that of a cow.
  - Each bull can be expected to serve as many as 30 cows or more. The bull also contributes half of the genetic potential of the entire calf crop, while each cow is expected to wean only one calf each year.



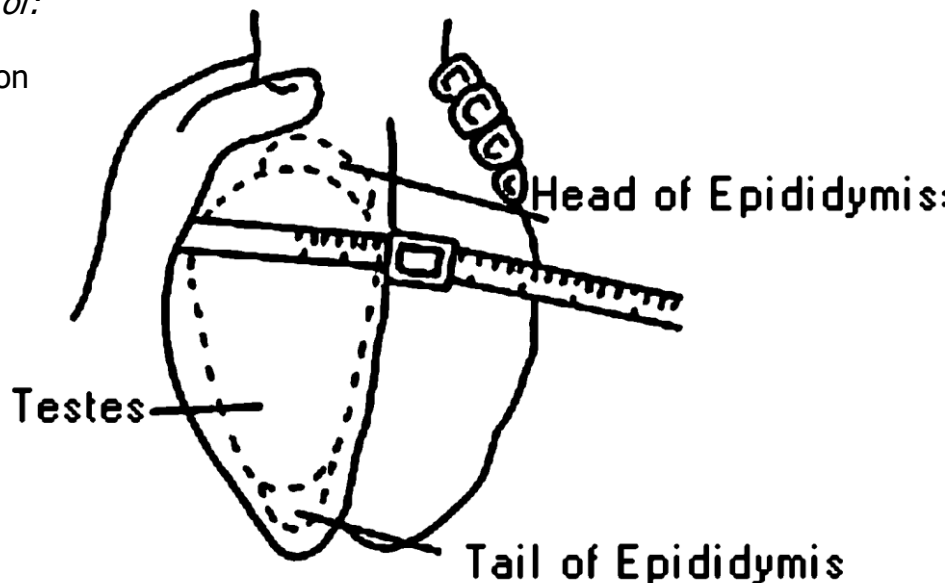
## Breeding Soundness Evaluation

- The prospective herd sire **should have passed** a BSE within the last 30 to 48 days prior to selection.
- This is an **exam** where a complete semen and physical evaluation of the male reproductive system is performed. It should be performed by a **qualified veterinarian**.
- This include
  - ✓ Scrotal circumference which is strongly correlated with sperm cell output
  - ✓ Sperm morphology and motility (the number of normal cells and how they move)
  - ✓ The reproductive tract
  - ✓ Soundness and health of the bull – **Absence of diseases is key.**

### What can I do myself as a farmer?

*Check normality of:*

- Body condition
- Scrotum
- Eyes
- Teeth
- Legs



### Conclusion

The breeding soundness examination may identify sub-fertile or infertile bulls, but it does not identify bulls with low mating desire or libido. There is no practical way to measure libido, except by observing bulls with cows in heat.