

# ECBHM

Diploma examination

***Conclusive Case***

***Management Examination:***

***Teats and udder health***

Please answer the questions briefly

# Question 1A

- Sonograms A and B are taken from a teat of a 5-year-old cow, 2 weeks after parturition.



# Question 1A

- Describe the ultrasonographic views shown in the sonograms

– A: \_\_\_\_\_

– B: \_\_\_\_\_

- What is your diagnosis?

\_\_\_\_\_

- What clinical symptom will be displayed by this cow?

\_\_\_\_\_

- Provide 3 alternative diagnostic procedures for this condition.

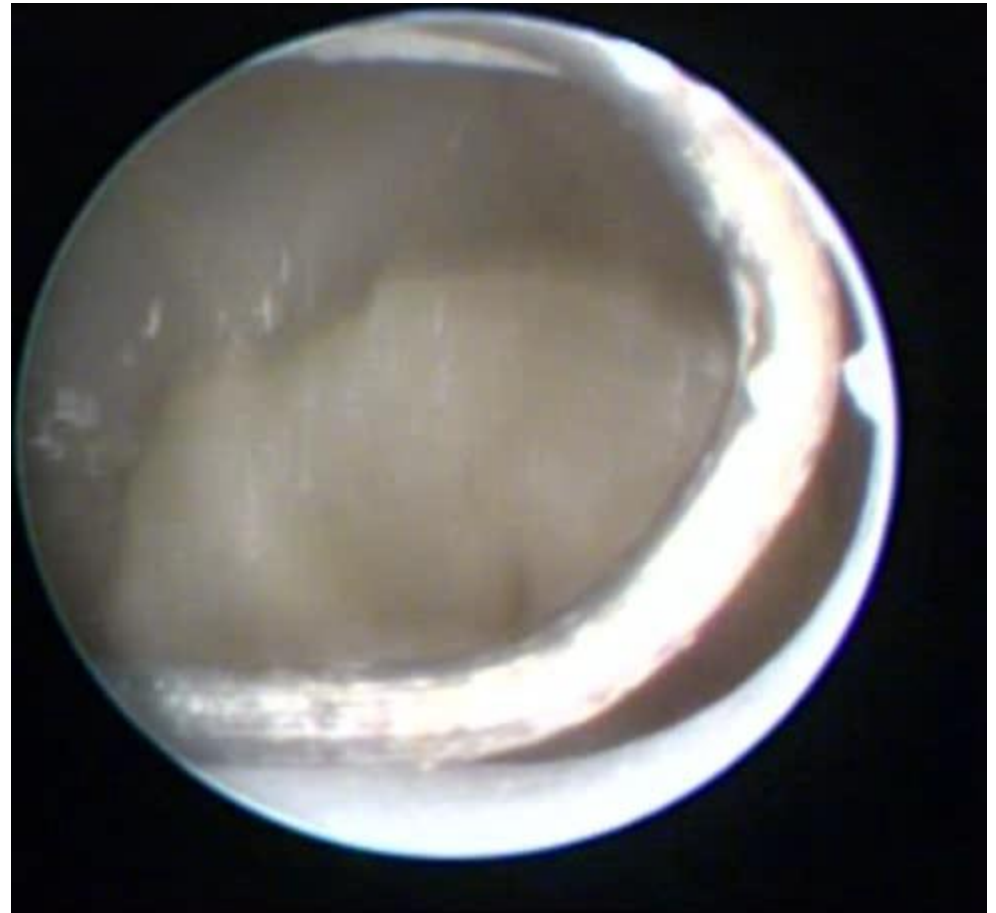
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# Question 1B

- This video has been taken during surgery of the cow described in question 1A (click to view).



# Question 1B

- Which procedure is being shown in the video ?
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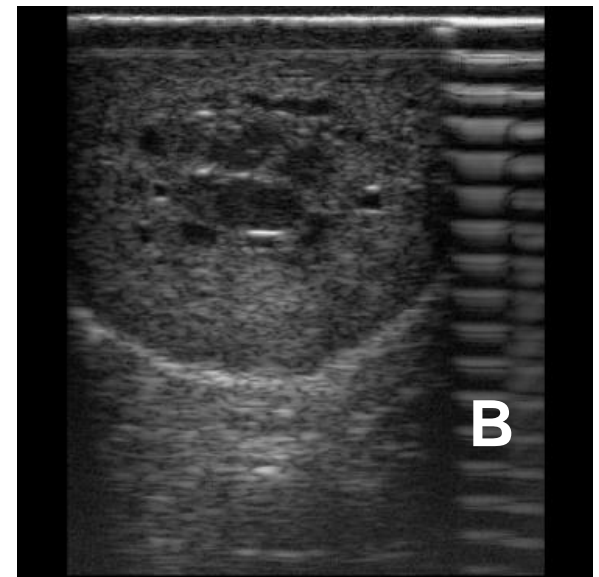
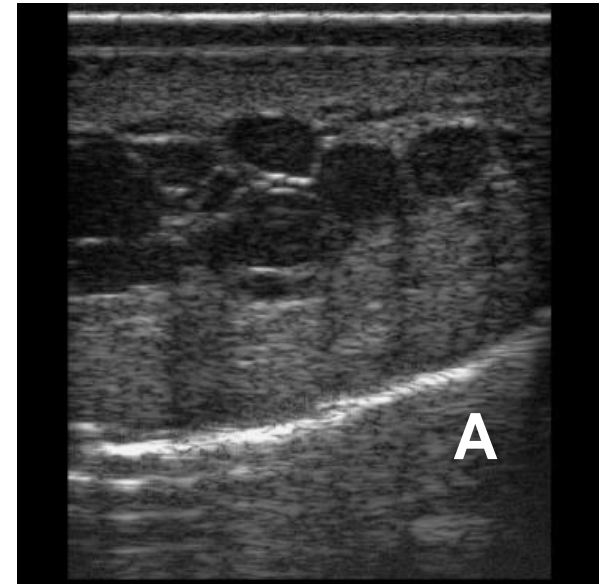
- Give two alternative surgical procedures for resolution of the problem shown in the video.
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- What is the success rate for return to normal function after the procedure shown in the video.
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- Explain the rationale for the use of wax implants instead of rigid plastic implants for postoperative management.
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# Question 2

- Sonograms A and B (views correspond to those of question 1) are taken from a teat of a 4-year-old cow, 1 day after parturition.



# Question 2

- What is your diagnosis?

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- List two options for management of this case.

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- What is the prognosis for return to normal function of this teat?

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# Question 3

- This slide shows the teat of a first-calving heifer.





# Question 3

- What is your diagnosis?

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- What is the aetiology of this condition?

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- Mention two measures for prevention of this problem at herd level.

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- What is the prognosis for return to normal function of this teat after surgical correction?

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# Question 4

- This slide shows the left hind quarter of a cow.



# Question 4

- What is your diagnosis?

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- List one option for the treatment of this case?

- In the presence of mastitis:

- \_\_\_\_\_

- In the absence of mastitis:

- \_\_\_\_\_

- What is the prognosis for return to normal function of this teat?

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# Question 5

- This slide shows the teat of a cow during surgical reconstruction of a teat laceration.



# Question 5

- Mention the 3 main tissue layers that are involved in this laceration.

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- Which structure is being highlighted by the metal cannula?

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- Describe the type of anaesthesia, adequate for surgical reconstruction.

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- Describe 4 major steps in the reconstruction of this teat.

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# Question 5

- Describe two major aspects of the postoperative care of this case?

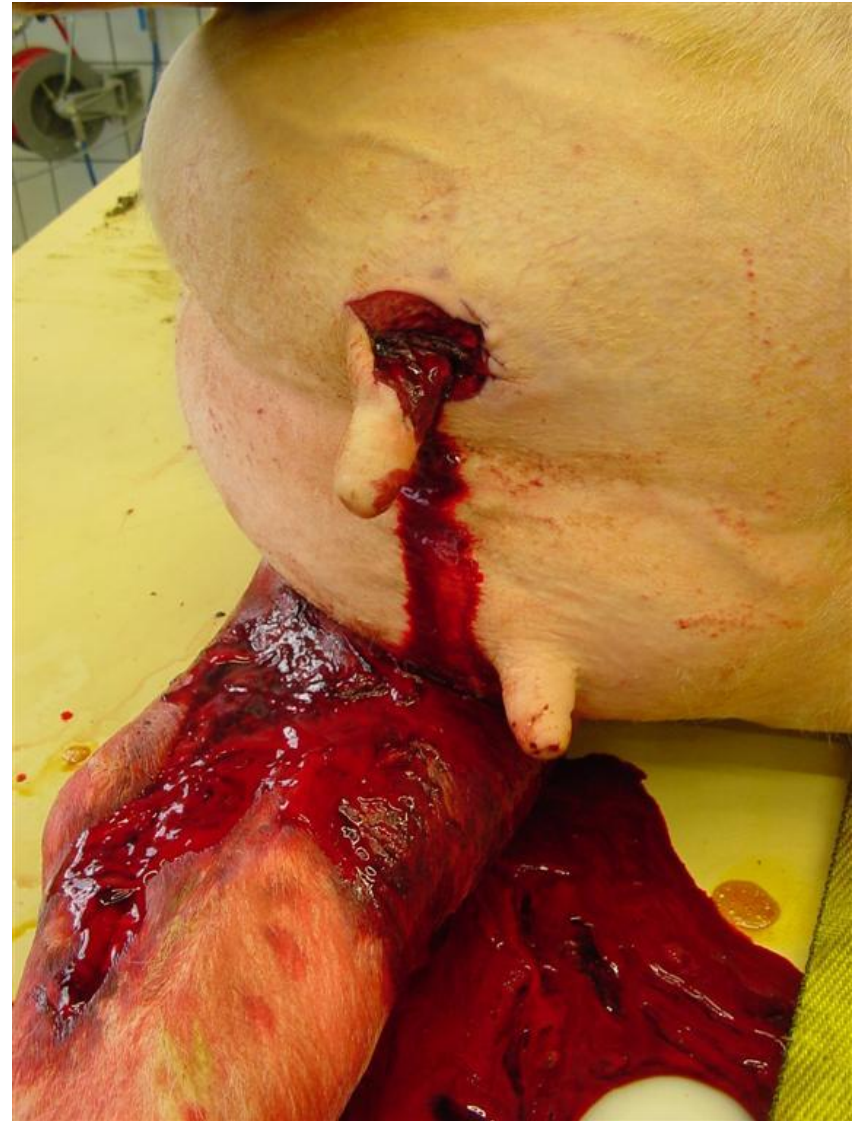
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# Question 6

- This cow is presented to you 30 minutes after the injury had occurred.



# Question 6

- Describe the reason for the severity of bleeding present in this case.
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# Question 7

- 35% of the cows of a particular herd have a CMT result similar to that shown in the photograph.



# Question 7

- Mention 2 infectious causes that may contribute to the occurrence of this result.

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- Mention 3 non-infectious risk factors that may contribute to the occurrence of this result.

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