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.

_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
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?

• Give two alternative surgical procedures for resolution of the problem shown in the video.

• What is the success rate for return to normal function after the procedure shown in the video?

• Explain the rationale for the use of wax implants instead of rigid plastic implants for postoperative management.
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?
  _______________________________________________________

- List two options for management of this case.
  _______________________________________________________
  _______________________________________________________

- What is the prognosis for return to normal function of this teat?
  _______________________________________________________
Question 3

• This slide shows the teat of a first-calving heifer.
Question 3

- What is your diagnosis?
  _______________________________________________________

- What is the aetiology of this condition?
  _______________________________________________________

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

- What is the prognosis for return to normal function of this teat after surgical correction?
  _______________________________________________________
Question 4

- This slide shows the left hind quarter of a cow.
Question 4

• What is your diagnosis?

____________________________________________________

• 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?

____________________________________________________
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.
  _______________________________________________________
  _______________________________________________________
  _______________________________________________________

• Which structure is being highlighted by the metal cannula?
  _______________________________________________________
  _______________________________________________________

• Describe the type of anaesthesia, adequate for surgical reconstruction.
  _______________________________________________________

• Describe 4 major steps in the reconstruction of this teat.
  _______________________________________________________
  _______________________________________________________
  _______________________________________________________
  _______________________________________________________
Question 5

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

____________________________________________________
____________________________________________________
____________________________________________________
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.
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.
  
  ______________________________________________________
  ______________________________________________________

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