

# Carbohydrate Overload, Fatty Liver Syndrome

First Name:

Last Name:

Email:

Veterinary  
Practice:

Postcode:

Please circle one answer only e.g. **A**

1. Acidosis is more likely to occur when cattle are fed which of the following:
  - A. Whole grain barley
  - B. Finely-milled barley
  - C. Potatoes
  - D. Bread and bakery waste
2. The typical picture of acidosis is:
  - A. Dysentery after 12 to 24 hours
  - B. Constipation
  - C. Very fluid, foetid diarrhoea immediately
  - D. Very fluid, foetid diarrhoea after 12 to 24 hours
3. The major component of the oral electrolyte solution to treat acidosis must be:
  - A. Propylene glycol
  - B. An oral antibiotic
  - C. Monensin sodium
  - D. Sodium bicarbonate
4. Grain/concentrate feeding must be gradually increased over what time period before ad-libitum feeding?
  - A. Several days to one week
  - B. Two to three weeks
  - C. Four to five weeks
  - D. A minimum of six weeks
5. The minimum amount of good quality roughage in the diet must be:
  - A. None necessary
  - B. 4-6 per cent
  - C. 7-10 per cent
  - D. More than 10 per cent
6. Fatty liver is more likely in dry cows in body condition:
  - A. Body condition score > 1.5
  - B. Body condition score > 2.5
  - C. Body condition score > 3.5
  - D. Body condition score > 4.0
7. The major component of the oral electrolyte solution to treat fatty liver is:
  - A. Propylene glycol
  - B. An oral antibiotic
  - C. Monensin sodium
  - D. Sodium bicarbonate
8. In the treatment of fatty liver, which vitamin is essential for the metabolism of propionate?
  - A. Vitamin B1
  - B. Vitamin B6
  - C. Vitamin B12
  - D. Vitamin D3

9. In the treatment of fatty liver, what is the mode of action of dexamethasone?
- A. Stimulates milk yield
  - B. Stimulates glucose production and depresses milk yield
  - C. Stimulates rumen function
  - D. Stimulates appetite