

Mastitis 2 : The Bacteria

First Name:		Last Name:		
Email:			Veterinary Practice:	
Postcode:		Date:		

Please circle one answer only e.g. A

Mastitis is usually caused by?

- Yeasts
- Treating cows with antibiotics
- Bacteria
- Viruses
- Fungi

When do contagious bacteria normally spread?

- In the early dry period
- In the late dry period
- During milking
- After milking
- Only in first-lactation heifers

When do environmental bacteria normally spread?

- In the dry period and after milking
- During milking
- Only in the dry period
- In the early dry period only
- Only after milking

Infection with *Staph aureus* most commonly leads to

- No signs
- High cell count
- A few clots in the milk
- Swollen hard udder
- A dead cow.

Mastitis caused by *Strep uberis* is usually:

- Severe with a very sick cow
- Chronic with walled-off infection deep in the udder
- Subclinical with a persistently high cell count
- Moderate with few systemic signs
- Asymptomatic – i.e. no signs.

When taking a sample for bacteriology the first thing you should do is:

- Hose the teats down
- Spray the teats with disinfectant
- Put antibiotics into the teat
- Quickly strip the milk into the pot
- Label the pot with the cow's number and affected quarter.

How much milk do you need for bacteriology?

1 L
50 mL
20 mL
5 mL
0.5 mL

You have a high cell count problem, which cows should you sample?

The heifers as they will be fresh cases

All clinical cases as it will be the same organism and clinical cases have more bacteria

Cows with a cell count level typical of most high cell count cows in the herd

The first 10 cows into the parlour at milking time

All cows with a cell count > 1 million

Cows with chronic mastitis usually

Are sick

have a high temperature)

have a hot swollen udder

have a persistent high cell count

normal milk and normal cell count

Contaminated milk samples

Don't matter because you can identify the bacteria causing mastitis anyway

Cost money as you get the costs of testing without any result

Are very rare even if you don't try to keep clean

Only occur if the cow is dirty

Don't matter as all mastitis milk is contaminated anyway