

CLINICAL MASTITIS TREATMENT PROTOCOL



Good antibiotic practice for mastitis treatment

- 1 Determine which antibiotic you should use on your farm based on bacteriological culturing and antimicrobial sensitivity testing
- 2 Follow systematically the established protocol
- 3 General rules for an antibiotic treatment
 - a when
 - Refer to the protocol as soon as possible
 - Don't wait until it becomes a grade 2 and 3
 - b duration
 - Minimum for the duration indicated on the leaflet
 - Ideally = keep on treating up to 1 day after the symptoms have disappeared
 - c dose
 - Local treatment: clean and disinfect the teat & inject 1 complete intramammary tube per quarter
 - Systemic treatment: make sure that you adapt the dose according to the weight (adult holstein = ± 650 kg)
- 4 Keep records of the treated animals and enter the data in the Keno™-M
- 5 Evaluate the protocol at least 1 time/year with your advisor

		What do you see	Actions to take after detection	Action after culture results
GRADE 1		Abnormal milk (flocks, modification of consistency, colour change,...)	Take milk sample & freeze it	Local: Systemic:
			Empty the infected quarter	
			Treat in the infected quarter with antibiotics	
GRADE 2		Abnormal milk	Take milk sample and freeze it	Local: Systemic:
		Swollen udder	Empty the infected quarter	
		Temperature around 39 - 39.5°C	Treat in the infected quarter with antibiotics	
			Add a supportive anti-inflammatory therapy	
GRADE 3		Abnormal milk	Take milk sample and freeze it	Local: Systemic:
		Swollen udder	Empty the infected quarter	
		Sick cow: temperature >39.5°C loss of appetite	Treat in the infected quarter with antibiotics	
			Call your veterinarian	

MONTH:




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mastitis grade	1																							
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