

Dairy Health Management Continuing Education Program

Module 5 Assignment

Introduction

The general objective of the assignments is to have you apply the concepts and techniques discussed in the module to your own practice. The intent is to assist you to critically assess and implement new knowledge, and to gain confidence in using production medicine skills.

The objectives of this assignment are:

- ❑ To apply the concepts of epidemiology and pathogenesis of mastitis to control programs
- ❑ To apply the principles of good milking technique/milking equipment evaluation
- ❑ To design and implement rational, effective and practical recommendations and treatment protocols to promote milk quality

Part 1



Examples and forms for reference are included on the DHMCP Module 5 webpage.

Goals:

- Conduct udder health investigations in a systematic way, encouraging a comprehensive review of potential risk factors
- Be ready when the opportunity presents itself!

Part 2

Select	Review	Walk	Observe	Summarize
Select a herd in which to conduct an assessment of udder health and milk quality.	Review DHI, treatment and culture records Assess the prevalence and nature of clinical and subclinical mastitis. Include examination of who, what, when, where, why.	Walk the barn to assess facilities and environment as they relate to mastitis risks	Observe at least one milking to assess milking technique for quality and timing of milking preparation, milk let down, and take-off. Include evaluation of other milking equipment if you feel comfortable doing so.	Summarize your assessment of the nature and risk factors for mastitis (\pm drug residues) 1 page report for the producer

The report should include:

- What and where are the problems with mastitis in the herd? What are the top few strengths and weaknesses of their current practices?
- Propose management actions to address the highest priority areas for improvement of mastitis and milk quality
- Present and discuss your findings and proposed protocol with the client

Be specific and concise. Point form is encouraged.

Submit to Cynthia (miltenbu@uoguelph.ca) by March 20, 2018.