Clinical Mastitis Protocol

Take Milk Sample:
Label, culture and/or freeze

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**Cows Not Sick**

**Udder Not Swollen**
(Grade 1)

**Day 1 and 2**
IMM Therapy

Day 3 - 8
No bacteria identified
or Gram +
Treat IMM

Day 3
Gram -
Discontinue IMM
Evaluate vaccination program

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**Quarter Swollen**
(Grade 2)

**Day 1 and 2**
IMM Therapy
Anti-inflammatory

Day 3 +
No bacteria identified
or Gram +
Treat IMM

Day 3 +
Gram -
Discontinue IMM
Evaluate vaccination program

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**Cows Sick**

**Quarter Swollen**
(Grade 3)

**Day 1 and 2**
Physical exam
IMM Therapy
Anti-inflammatory
Other supportive therapy (Calcium, oral fluids, hypertonic)

Day 2
Looks sick and/or fever
IMM therapy
Systemic antibiotic
Physical exam
Fluids
Fever reducer

Day 2
Looks OK
IMM therapy
Systemic antibiotic

Day 3

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**No Growth**
Assume coliform
Discontinue IMM
Systemic antibiotics

**Gram -**
Discontinue IMM
Systemic antibiotic
Evaluate vaccine protocol

**Gram +**
Use gram + protocol outlined for grades 1 & 2
Systemic antibiotics

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DISCLAIMER: This page was developed as a generic protocol; complete protocols should be developed with the assistance of your local veterinarian.