

These are intended as guidelines. Any cows that do not respond or do not fall in the guidelines should be examined or consulted by DVM.

Mastitis

Protocol MN =Grade 1 Mastitis:

Temperature normal, quarter not inflamed (not swollen or warm), cows look okay:

1. Take sterile milk sample and submit for culture.
2. **Base treatment on culture results.**
3. If Gram + mastitis: Intramammary (IMM) with Pirsue once daily for 5 days. Other recommendations may be made by consulting veterinarian based on specific bacteria being treated.
4. If Gram – mastitis: Intramammary (IMM) with Spectramast once daily for 4-8 days.
5. If no growth on culture; strip out frequently. Reculture if worsens or persists.
6. Observe all milk and slaughter **Withholds** on IMM tube labels.

Protocol MS= Grade 2 Mastitis :

Clinical mastitis, +/- fever, warm and firm quarter.

1. Take sterile milk culture – **Protocol MN plus:**
2. If has fever: Give systemic antibiotic: Polyflex 2 cc/100 lb body weight I.M. once a day for 4 days or Liqua mycin LA200 4.5 cc/100 lb body weight s.c. once- no repeat.
3. Give anti inflammatory drug: Aspirin boluses 2-4 boluses twice a day for 3 days or: Flunixinamine (Banamine) 1.5 cc per 100 lb body weight in vein once a day for two days.
4. Observe milk and meat **Withholds** on antibiotics and anti-inflammatories.
5. Strip quarter frequently to expel bacteria, toxins and relieve swelling.

Protocol MVS= Grade 3 Mastitis:

Clinical mastitis, fever (>103F), warm/firm quarter, depressed and dehydrated animal (sunken eyes).

1. Take sterile milk culture – **Protocol MN plus:**
2. Give systemic antibiotic: Polyflex 2 cc/100 lb body weight I.M. once a day for 4 days or Liqua mycin LA200 4.5 cc/100 lb body weight s.c. once- no repeat.
3. Give anti inflammatory drug: Aspirin boluses 2-4 boluses twice a day for 3 days or: Flunixinamine (Banamine) 1.5 cc per 100 lb body weight in vein once a day for two days.
4. If dehydrated (sunken eyes, "tenting" skin, or diarrhea: Give 2 liters of Hypertonic Saline Solution in vein and pump stomach with 5-10 gallons of electrolyte or alfalfa solution.