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### Linwood Veterinary Services

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*We will provide industry-leading, reliable, knowledgeable service, in a friendly, courteous and timely manner, to benefit our clients and the communities we serve.*

St Clements Clinic Hours: Mon-Fri 7am to 5pm Open Saturday 7am-12pm

Hwy 89 Clinic Hours: Mon-Sat 7am to 1 pm

CLINICS ARE CLOSED SUNDAY and NO DELIVERY SERVICE SATURDAYS AND HOLIDAYS

Orders for Delivery: Please, call BEFORE 9:30 am, for same day local delivery Monday to Friday

24 Hour Emergency Vet Service - call 519-698-2610 519-323-9002 519-699-0404 1-800-663-2941

## **AUGUST 2023 NEWSLETTER**

### **September Holiday**

**Monday September 4th** there will be no delivery service on Labour Day. Vet will be available for emergencies. Clinics will be open only in the morning for pick ups and early residue tests.

International Plowing Match and Rural Expo  
Bowling Green ON Dufferin County **Sept 19-23**

### **Our teats are sealed!**

Are you blanket treating your cows with antibiotic intramammary infusions at dry off or individually treating them at dry off? Have you ever thought about incorporating teat sealants to your dry off routine? Teat sealants are a great alternative or addition to using antibiotic treatments for your dry cow therapy management.

Did you know that it's been estimated that clinical mastitis cases during the first 30 days in milk have been estimated to cost more than \$400/cow? Therefore preventing intramammary infections(IMI) during dry off has financial benefits. Dry cows are at most risk for developing IMI 2-3 weeks post dry off and 2-3 weeks pre calving. Although there are multiple reasons as to why dry cows develop IMI during dry off, one of the most common reasons is that the natural keratin plug that forms in the teat to protect bacteria from entering

does not fully form. Teat sealants are used to simulate the cows natural keratin plug, providing a barrier that keeps bacteria out. The Journal of Dairy Science published an article stating that the use of a teat sealant reduced IMI by 70%.

If you're convinced a teat sealant is right for you then you must know that a teat sealant, or any other type of intramammary infusion is only as good as its proper application! While each teat sealant product varies slightly it is therefore highly recommended that you read the instructions before applying. However, the following is a basic step by step procedure for intramammary infusion of teat sealants.

### Insertion

Step 1: At last milking, clean and disinfect the all teats again and ensure that they are dry

Step 2: Change into clean gloves

Step 3: Use alcohol wipes and disinfect teat ends

Step 4: If using an antibiotic treatment insert antibiotic first and then disinfect with another alcohol wipe before inserting teat sealant

Step 5: Do not massage teat or udder following the infusion

Step 6: Dip each teat with teat disinfectant or post dip after infusion

### Removal

\*Do not remove teat sealant by action of milking machine\*

Step 1: Clean teats with normal pre dip procedure

Step 2: Hand strip 10-12 strips from each quarter, starting at the top of the teat where it attaches to the udder all the way to the teat end. This ensures that all the product comes out

Step 3: Bucket milk fresh cows for a minimum of three milkings post calving.

There are currently three teat sealants available through LVS:

-Lockout, Boehringer Ingelheim

-Orbeseal, Zoetis

-Solveal, Solvet

Discuss with your herd health vet about teat sealants and which options are suitable for your dry cow therapy management!