



Dairy Details

April 2018

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NORTHERN VALLEY DAIRY PRODUCTION MEDICINE CENTER

Selective Dry Cow Therapy: Meeting Review

Thank you to everyone who attended our info meeting on Selective Dry Cow Therapy in April. Lunch, door prizes and lots of learning were enjoyed by all! Also, thank you to Norbrook Pharmaceuticals and MWI Animal Health for sponsoring the event. In this newsletter, we will feature some of Norbrook's generic products that were discussed by their representative and summarize Dr. Borst's discussion on selective dry cow therapy (SDCT). Please contact any of our veterinarians if you have more questions about SDCT programs!

What is Selective Dry Cow Therapy?

Consumer pressure to use fewer antibiotics and potential cost savings are the reasons that we see SDCT emerging on U.S. dairy farms. SDCT means that antibiotic treatment at the end of a cow's lactation is selected on the infection status of the cow or her individual quarters. This is different than Blanket Dry Cow Therapy (BDCT) programs where all quarters of all cows are treated with antibiotics at dry-off no matter what her infection status is.

Should I consider using SDCT on my farm?

The current recommendation is that only farms that consistently have a bulk tank somatic cell

count (SCC) of 200,000 or less should consider implementing these programs. A farm also needs to be on monthly DHIA testing to track individual cow SCC's and be able to reliably detect clinical mastitis and keep records of all mastitis cases.

How do I decide which cows to dry treat?

Multiple tools can be used to make these decisions. Individual cow SCC history, clinical mastitis history, the California Mastitis Test, and milk culturing are all utilized. Herd managers must work closely with your veterinarian, using these tools to develop a defined protocol for making treatment decisions.

What should I expect if I implement SDCT?

We are entering somewhat of an unknown territory when it comes to SDCT. Neither the U.S. dairy industry nor our practice has a lot of experience yet. Therefore, we need to proceed with caution. These programs will require more time and commitment from management to correctly implement them and to achieve the full value from these programs. It's important to realize that SDCT is not meant to improve udder health and that at best it will stay the same.

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Generic Product Options from



Check out these products from Norbrook Pharmaceuticals. This is just a small list of available products. Contact our office for pricing.

- Enroflox 100® is a generic for Baytril 100®
- Norfenicol® is a generic for Nuflor®. This product comes in a convenient plastic bottle and also has increased syringeability when compared to Nuflor®.
- BoviBlock® is a generic teat sealant product (similar to Orbeseal®). When using this product, be sure to break off the tip end rather than taking off the entire end of the tube. This will make partial insertion into the teat much easier.
- Norbrook also manufactures generic penicillin products, oxytetracycline products (similar to LA 200®), and pour on products.



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