



Provilan[®] NORDIC

PROBIOTIC WOUND CARE SPRAY CASE STUDY



Probiotics Heal 15cm Wound in Dairy Cow Without Antibiotics



BEFORE



DURING



AFTER 8 DAYS

Astonishing Results in Farms Bruges, Belgium

This Case Study was carried out by Probiotic Group with the help of the veterinarian Dr. Marc Persyn

- Does not create any antimicrobial resistance
- Heals bacterial infection without antibiotics
- Significantly reduces time out of food chain
- Completely safe and natural ingredients
- Preventative and curative
- Suitable for all animals and wounds



The Safe, Easy and Effective Solution for Your Cow Farm

A dairy cow had a 15cm wound near her breast. The vet offered the farmer an alternative option to cleaning the wound with disinfectant and a 14-day course of antibiotics: treat the wound only with LUCAA+ Probiotic Wound Care Spray instead. The wound was cleaned with warm water then sprayed with LUCAA+ Wound Care Spray twice per day. Good hygiene standards of practice were maintained, without using disinfectant. Application was reduced to once per day when the wound showed visible signs of healing.

The wound healed fully within 8 days rather than the expected 14 days with antibiotics. This ensured the cow recovered and felt comfortable more quickly. As she had not received antibiotics, her milk remained suitable for human consumption. She did not need to be isolated from her herd or wait for the required 6 weeks (10 for organic milk) for the antibiotics to leave her bloodstream. She returned to providing milk as soon as the wound healed. This significantly benefitted the farmer financially as he did not incur the prolonged cost of lost milk production.

Benefits



Provilan® **NORDIC**

**PROBIOTIC WOUND CARE SPRAY
CASE STUDY**



Reduces Wound Healing Time from 14 to 8 Days WITH PROBIOTICS & WITHOUT ANTIBIOTICS



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Spray
100ml

LUCAA+ Wound Care Spray is a scientifically formulated spray that contains friendly bacteria called probiotics. The naturally sourced plant-based, helpful probiotic bacteria crowd out and replace the harmful, pathogenic bacteria that have entered the wound and cause further dangerous infections. It works by biological competition and promotes healthy healing by rebuilding the microflora in and around injuries. They clean thoroughly and biologically on a micro level and restore healthy microbial balance (microbiome). This action also increases the skin's natural resistance to other potentially dangerous external influences.

Using LUCAA+ Wound Care Spray instead of antibiotics and disinfectant improved the animal's health and food safety whilst not contributing to the global crisis of antimicrobial resistance. It reduced the cow's time out of the dairy industry to a minimum, thereby also reducing costs. Furthermore, LUCAA+ Wound Care Spray is PETA cruelty-free and vegan, ingredients are 100% natural and biodegradable. It is specially formulated to be suitable for all animals, including farming livestock, horses, as well as your pets at home.

