

Case Study



PROBIOTIC WOUND SPRAY HEALS DOG BITE



Ted is a seven-year old Toy Poodle



The wound was already healing well after only 3 days

Probiotic Wound Management Results

- ✓ 6cm puncture wound vein heals well with no complications.
- ✓ Antibiotic treatment is reduced to one single injection only, with no need for the usual additional 7 to 10 days course at home.
- ✓ Vet says 'Healing is excellent'.
- ✓ No further treatment is required.

PROBIOTIC WOUND SPRAY IMPROVES DOG BITE HEALING WHILST *REDUCING* ANTIBIOTIC REQUIREMENTS

The Problem

Ted the Toy Poodle sustained a deep dog bite wound on the right side of his neck. The wound was 6cm long with extensive bruising to the underlying tissues. The jugular vein was exposed but not damaged.

The Solution

The affected area was clipped and cleaned with Chlorhexidine disinfectant, then rinsed with saline. The open wound was sprayed with **Provilan LUCAA+ Pet Wound Care Spray**, then surgically closed. Ted was given a single antibiotic injection (amoxicillin/clavulanic acid) and discharged home with instructions to spray the wound twice daily.

The Outcome

Ted had a follow-up check 3 days later. The wound was clean and healing well. Ted seemed comfortable with the wound and did not interfere with it. Healing was excellent and the surgical staples were removed 10 days later.



Comment from Ted's Vet - Richard Doyle, Wylie Vets

"Bite wounds are regarded with great caution by vets as they are always assumed to be infected with bacteria from the mouth of the attacker and tissue bruising/damage associated with such injuries can result in severe, deep-seated tissue infections, which can develop into septicemia (life-threatening infection of the blood). The normal treatment approach is to excise as much damaged tissue as possible and then cover with broad-spectrum antibiotics to combat deep-seated infection and sepsis.

Whilst antibiotics are effective against most pathogens, they also disrupt the normal bacterial flora of the intestinal tract and skin and so can lead to gastrointestinal upsets and dermatitis, can cause adverse allergic reactions, environmental contamination and over-use can lead to the global problem of antimicrobial resistance (AMR).

This approach involves creating an active biofilm of commensal (friendly) bacteria at the site of infection and eliminating the pathogenic bacteria by a process of competitive inhibition. This treatment is not damaging to the patient or the environment and does not lead to AMR."

Contact Ingenious Probiotics to find out more:

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