

Space Coast Veterinary Hospital, Large Necrotizing Wound, Pit Bull

CASE SUMMARY

COMPANION®
ANIMAL HEALTH

Case Courtesy of:

Dr. Sonia Pearson, Space Coast Veterinary Hospital, Florida, USA

Signalment: Canine, 9yrs., F/S, Pit Bull, "Honey".

History: Patient wandered off and returned with skin wounds. Patient was initially anesthetized for wound debridement upon presentation. Surgical revisits were required to further remove devitalized tissues five and nine days after the initial procedure. Laser treatment started on day ten.

Diagnostics and Exam Findings: Large necrotizing cutaneous wound on the flank involving the fascia and superficial musculature.

Laser Treatment: 5J/cm² delivered to target tissues, adjusting the total target dose as the treatment area reduced in size. The wound treatment protocol was selected and the patient was treated with an off contact technique.

Frequency of Treatment: Photobiomodulation therapy was initiated at day ten, as a daily treatment for ten days. Over the next two and a half months, the treatment frequency was reduced from every other day to twice weekly and then weekly treatment. In Toto, the patient received about thirty treatments over an eighty day period.

Other Treatments: Standard of care including antibiotics, NSAID, and oral pain management was implemented, as well as daily wet to dry bandage changes for ten days.

Comments: Although laser therapy was not an initial part of the treatment plan, it quickly became apparent this large necrotizing wound would require the use of the modality. The patient quickly and consistently responded to photobiomodulation therapy until resolution.

Supporting Documentation (Pictures):

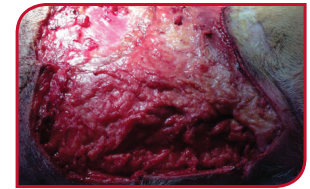
Client testimonial 5 days prior to starting LT (day 5: first surgical revisit)

1 day prior to starting LT (day 9: second surgical revisit)

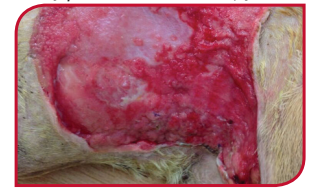
5, 18, 32, 54, 80 days after starting LT



5 days *prior* to Laser Therapy



1 day *prior* to Laser Therapy



5 days *after* starting Laser Therapy



18 days *after* starting Laser Therapy



32 days *after* starting Laser Therapy



54 days *after* starting Laser Therapy



80 days *after* starting Laser Therapy