



Case study:

Hyaloma tick bite necrosis in a dog

- Patient:** A 5 year old female dog.
- History:** The patient presented with severe necrosis of the skin and subcutaneous tissue after sustaining a *Hyaloma* tick bite, presumably one or two days prior to presentation.
- Treatment:** Light therapy was done for 5 minutes, once a day, for a week and thereafter once every second day. The wound took, in total, 14 days to heal completely. The patient was kept on concurrent Cephalexin antibiotics and Carprofen anti-inflammatories.
- Outcome:** From the second day of light therapy less fibrin and far less necrotic tissue formation was seen. There was good epithelialisation, resulting in far less scar tissue than expected. Overall, the wound healed faster and with less necrosis than was initially predicted.



Presenting wound



**Wound after shaving and cleaning -
Fibrin and necrotic tissue present**



**2 days and 2 light therapy sessions later
No extra necrosis, less fibrin**



**8 days and 6 light therapy sessions later
Healthy tissue filling the defect**