

Vasculitis/Lyme Positive

CASE STUDY – HBOT & VETERINARY MEDICINE

Cleopatra



**Pre Hyperbaric
Oxygen Therapy -
Day 1**

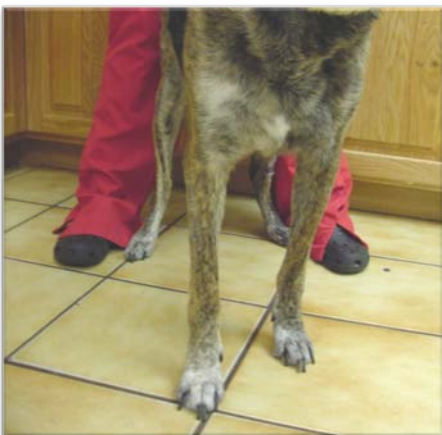
Forelimb swelling associated with a histopathological diagnosis of vasculitis.

Historically, this dog was found infested with ticks, tied to a tree, and had

massively elevated Lyme serologies. The swelling had been non-responsive

to long term antibacterial and immunosuppressives therapy for Lyme

disease. Immunosuppressive were tapered rapidly as HBOT commenced



**Post Hyperbaric
Oxygen Therapy -
Day 14**

This dog was originally found abandoned and tied to a tree in the Catskill's covered with ticks; Lyme positive in every diagnostic test.

This patient had been treated at a specialty center in the northeast U.S. without resolution of fever, lameness, tissue swelling, and lethargy. **At 2.4 ATA, HBOT is BACTERIOCIDAL TO THE LYME SPIROCHETE.** It also modulates the cytokines and MMP's which trigger the inflammatory process of vasculitis.