

PRF for Feline Bite Wound

JAN 27, 2019 (day 0)

- 5-year-old indoor/outdoor CM DSH
- Treated at local emergency hospital for bite wound to right elbow

JAN 28, 2019 (day 1)

- Extreme lethargy, anorexia and swelling of his right front leg
- Painful generalized firm swelling of his entire right front leg
- Temp 106.1F
- Radiograph is unremarkable aside from the soft tissue swelling
- Outpatient care, NormR 150 ml SQ, and Metacam 0.5 mg SQ

JAN 29, 2019 (day 2)

- Continued anorexia
- Swelling decreased, leg is more mobile
- Temp 103.4F
- CBC/CHEM reveals anemia HCT 26.6 (30-52) with an increased Tbili 2.2
- Tx: SQF, 0.3 mg Metacam, 0.5 mg Midazolam, 0.6 mg Bup SR, 3.75 mg Mirtazapine, 40mg Orbax q24h and 4mg Cerenia
- Admitted for medical observation

JAN 30, 2019 (day 3)

- Appetite improves, swelling continues to decrease

He was sent home several days later and the owner was instructed to continue Orbax.

FEB 4, 2019 (day 8)

- Re-presented Feb 4th for anorexia and lethargy
- Skin over wound has opened up, draining serosanguinous fluid
- Several areas of necrotic tissue over affected area
- Temp 105.4F
- Admitted for continued care and wound management
- Worsening of anemia HCT 18.7, Tbili normalized 0.4

FEB 5, 2019 (day 9)

- Sedated for debridement of wound
- Packed with gauze, moistened with saline, and honey. Held in place with umbilical tape
- Fleas were noted. Administered Capstar and Revolution

Daily wound management continued from 2/5 - 2/14.



FEB 11, 2019 (day 15)

- Bacteriology - culture grew *Staph epidermis* 2+ resistant to many antibiotics including Orbax and Convenia

FEB 14, 2019 (day 16)

- Wound healing stalled
- Infection seems to be migrating along tissue planes
- Changed to 100% cotton gauze (wet to dry)

Over next few days more necrotic tissue present.

FEB 18, 2019 (day 22)

- Institute PRF treatment under the guidance of Dr. Orava and Enso Discoveries
- Due to small size of patient and persistent anemia, only able to obtain 12 cc of blood
- Wound debrided and fibrin tacked in place at each edge
- Daily wound management maintained

FEB 21, 2019 (day 25)

- Bacteriology is positive for *Staph pseudointermedius* sensitive to most

MAR 6, 2019 (day 38)

- Able to close proximal 3/4 of the wound

MAR 18, 2019 (day 50)

- Remainder of wound closed

APR 1, 2019 (day 64)

- Sutures removed. Healing deemed complete



“I feel that the PRF played a significant role in helping to manage my patient's wound infection, in addition to helping to establish a healthy granulation bed prior to closure. Prior to instituting the PRF therapy I was considering amputation as the only viable option for him. We are very pleased at the outcome and grateful for the opportunity to utilize this valuable therapy.”

– Dr. T. Cantamessa, Eagle Rock Veterinary Hospital, West Orange, NJ

“To know that one life has breathed easier because you have lived, this is to have succeeded.” – Ralph Waldo Emerson