



## **Follow- Up Treatments after Exploratory Laparotomy Surgery**

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## Meet Red tag #44, loving known as 'Hops'

- 1 year old, 35.3kg male, West African Ovine
- BCS 3/5
- ASA Grade 1 (minimal risk; normal healthy animal, no underlying disease)
- He was bright, alert and responsive (B.A.R)
- CRT <2 seconds
- TPR: Temperature: 38.9°C
  - Pulse: 100 beats/ min
  - Respiratory Rate: 56 breaths/ min



## Our handsome Hops



Day before Surgery- day of  
assessment and preparation  
for surgery (29.10.18)

Day of Surgery: 30.10.18

He was bright, alert and responsive (B.A.R)

CRT <2 seconds

TPR: Temperature: 39.5°C

Pulse: 68 beats/ min

Respiratory Rate: 32 breaths/ min



After the incision was closed, it was sprayed with antibiotic and pest repellent sprays respectively



## Day 1 of Follow-up (Day after Surgery: 31.10.18)





## Day 1 of Follow- Up- What was done?

- A full physical exam was taken on the patient:
- He was bright, alert and responsive (B.A.R)
- CRT <2 seconds
- TPR: Temperature: 38.8°C
  - Pulse: 120 beats/ min
  - Respiratory Rate: 28 breaths/ min
- The patient was given 1.55mL of Flunixin meglumine (Banamine) was given at dose rate of 2.2mg/kg IV via the cephalic catheter that was still in place.
- The patient showed no complications at injection site and no alarming changes to behaviour.
- Two strong rumen contractions were observed in 2 minutes.
- Patient was fed grain and was eating.



## Day 2 of Follow- up (01.11.18)





## Day 2 of Follow- Up: What was done and observed?

- A full physical exam was taken on the patient:
- He was bright, alert and responsive (B.A.R)
- CRT <2 seconds- mucous membranes were pink and moist
- TPR: Temperature: 39.1°C
  - Pulse: 104 beats/ min
  - Respiratory Rate: 32 breaths/ min
- Swelling on right mandible was observed ventrally.
- Extremities felt cool to the touch.
- Two strong rumen contractions were observed in 3 minutes





- The patient was given 1.55mL of Flunixin meglumine (Banamine) was given at dose rate of 2.2mg/kg IV via the cephalic catheter that was still in place.
- 5.3mL Pen- Strep was given at a dose rate of 30,000 IU/kg IM.
- Antibiotic and fly repellent sprays were sprayed on the incision site.
- The catheter that was in the cephalic vein was removed.
- After the site was sprayed, five minutes after, the patient raised his right hindlimb, and then became recumbent.
- Temperature: 39.4°C
- Femoral lymph nodes were checked.
- Dr. Driscoll, Dr. Burrows and Dr. Nanan were called to aid where observations were made, and animal was left for further observation.



The repellent spray and antibiotic sprays that were used, respectively



## Day 3 of Follow- up: 02.11.18

- A full physical exam was taken on the patient:
- He was bright, alert and responsive (B.A.R)
- CRT <2 seconds- mucous membranes were pink and moist
- TPR: Temperature: 38.7°C
  - Pulse: 80 beats/ min
  - Respiratory Rate: 32 breaths/ min
- Two strong rumen contractions were observed in 2 minutes



- No drugs were administered.
- The patient was standing (no longer recumbent as seen the day prior).
- Antibiotic and fly repellent sprays were sprayed on the incision as previously done.





The patient was receptive when grass was hand offered.



## Points to note:

- The patient will receive another dose of Pen- Strep at the dose rate of 30,000 IU/kg on Monday 05<sup>th</sup> November, 2018.
- The incision will be also sprayed again.
- The stitches will be removed two weeks from the surgery date (13<sup>th</sup> November, 2018).
- All the days of follow- up, the patient interacted and was very attached to his pen-mate.
- Also, it should be noted that Banamine and Combikel are stored in the refrigerator. Hence, they were gently rolled with fingers whilst in the syringe to increase the temperature before administration.