

Client: - Gendarmerie Royale du Canada - Carrousel	Patient: Raina	DMV: DR Glenn Smith
1, Sandridge Rd C.P. 8900 Ottawa, ON K1A 0R2	Équin Warm Blood Femelle 495 kg Jul 01, 2019	2257, County Road 31 Winchester, ON K0C 2K0

Date de la Visite: 14/07/22 09:51 Date de sortie:
Raison de la visite: Arthrite septique

Client discharge letter (HEQ Chirurgie) (Case Summary & Instructions)

Summary

Raina, a 3-year-old Warmblood mare, was presented to the CHUV equine surgery department on July 14, 2022 for suspected septic arthritis.

PROBLEM(S) IDENTIFIED AND PROCEDURE(S) PERFORMED:

- Clinical examination (July 14, 2022): dorso-medial swelling of the right tarsus, mild tarso-cruel effusion, wound dorso-distal to the right hock. Very mild degree of lameness at walk. Rest of the examination within normal limits. Weight: 495 kg.
- Blood tests (July 14, 2022): increase of SAA (acute inflammation protein) at 1310 mg/L, no other significant abnormality.
* SAA decreased during hospitalisation: 487 mg/L (17 July, 2022), last value was within normal limits (41 mg/L) (July 19, 2022).
- Ultrasound of the right tarsus (July 14, 2022): periosteal reaction distal to the wound on the right dorso-medial metacarpal bone, with the presence of a fistular path. No other significant abnormalities.
- Radiographs of the right tarsal limb (July 14, 2022): subacute articular fracture of the proximal dorsomedial angle of the main metatarsal bone, with swelling that was rather extra-articular in appearance and localized. The overall appearance of the lesions is not primarily suggestive of septic arthritis, although septic arthritis may have developed, especially if the open nature of the fracture is not radiographically perceptible.
- Arthrocentesis of the tarsometatarsal joint (July 14, 2022): no liquid retrieved, injection of gentamicin
- Standing surgery under sedation and local anesthesia (July 14, 2022): debridement of the wound and distal opening to facilitate drainage. A sterile medical bandage was applied.
- Culture and antibiogram (swab in fistula): no bacterial growth.

Assessment:

During her hospitalization, Raina received intravenous antibiotics initially (penicillin and gentamicin), then followed by ceftiofur (intramuscular) and anti-inflammatory drugs (flunixin). Her comfort level remained adequate during her stay. Initially, she had daily bandage changes and lavage through the distal opening and slight secretions were present. The wound progressed very well during her hospital stay, until to her discharge on July 20th.

Vital and athletic prognosis are good with good compliance with our postoperative recommendations.

RECOMMENDATIONS :

1- EXERCISE:

- Keep Raina on complete stall rest for 8 weeks. Before increasing activity, please have radiographic recheck with your veterinarian to evaluate the evolution of the fracture.
- Thereafter, depending on the xrays and her confort, you can walk her twice a day for 4 weeks starting with 10 min of walking and increasing by 5 min each week until you reach 25 min twice a day.
- Then, if she is comfortable and evolution is good, she can be placed in a small paddock (10 x 10 m) for 4 weeks.
- At the end of these 4 months of convalescence, and in the absence of complications, she will be able to gradually return to her usual routine.

2- BANDAGE CHANGES:

- You can keep the bandage in place at home and change it in 3 days after discharge from hospital. However

change the bandage immediately if it has slipped, become soiled or torn. When removing the bandage, make sure that the wounds are dry, not swollen, painless and without discharge.

- For the first bandage change in 3 days, please use the medical material provided at discharge in accordance with the following video <https://www.youtube.com/watch?v=chjSzVPpFPg>. This bandage can stay another 3 days.

- Then, Raina won't need anymore bandage if the wounds are healed. Otherwise you can simple apply two heights, one thickness of clean stables wraps (from the coronary band to above the hock) that you can change daily until the wounds have healed.

- Never touch the wounds directly and do not apply ointment or cream to the wounds.

IMPORTANT: IT IS IMPORTANT TO KEEP THE STALL CLEAN AT ALL TIMES TO AVOID CONTAMINATION/INFECTION OF THE WOUNDS.

3- MONITORING:

- Take Raina's temperature every morning for one week. If it reaches 38.2°C or higher, please take it again a few hours later. If it is 38.5°C or higher, please contact your veterinarian. If you experience hyperthermia above 38.5 degrees Celsius, swelling, pain, discharge from the surgical wounds, increased lameness, or any other sign that concerns you, call your veterinarian or us immediately. Make sure Raina is drinking adequately (about 20 liters of water per day), eating well and that her manure is normal in quantity and quality.

4- TREATMENTS :

- **EXCEDE** (ceftiofur, antibiotic, 6.6 mg/kg, **IM in 2 injection sites**, 200mg/mL): please administer 16 mL of Excede by intramuscular injection to the semitendinosus and semimembranosus muscles (see Intramuscular Injections Explanatory Sheet) on **July 22, 2022**.

If you notice the appearance of an abscess at the injection site, or if your horse becomes dejected, anorexic or has diarrhea, please stop this treatment and contact your veterinarian immediately.

5- REEVALUATION:

- Please schedule a recheck with your veterinarian the week of September 5th for a radiographic evaluation of the fracture. Schedule an appointment earlier if she is deteriorating.

We thank you for your confidence and hope to have met your expectations. We remain at your disposal for any further information.

Dr ' DMV, MSc, Equine Surgery Clinician
Dr DMV, Resident in equine surgery
Dr Resident in equine surgery

In accordance with current MAPAQ recommendations, we recommend isolating your animal from the herd for the next 14 days. If this is not a possibility, you will at least need to prevent any direct contact with other animals and increase applicable hygiene measures

(https://www.mapaq.gouv.qc.ca/SiteCollectionDocuments/Santeanimale/Bulletins/Bulletin_zoosanitaire-Recommandations_rassemblement_chevaux_VF.PDF).

Please take your horse's temperature once daily for a week following discharge. If it is between 38.2 °C (100.7 °F) and 38.4 °C (101.3 °F), recheck it a few hours later ; if it is at or above 38.5 °C (101.3 °F), please call your veterinarian.