

# EQUINE TOMOSYNTHESIS

Splint (F0035, 20 Apr 2020)

**Short description:** Splint bone fracture.

Seventeenth years old icelandic horse, found severe lame in the left front with a wound lateral at the cannon bone. Therapy with antibiotics and the then horse was referred to the clinic after x-ray the next day (Fig 1).

**Diagnosis:** Open comminuted fracture of the lateral splint bone.



Fig 1. X-ray images of fracture (07 Apr 2020).

Surgical treatment of the wound was done to reduce risk of bone infection of the fracture.

Conservative treatment of the fracture itself in a full-limb cast for 2 weeks and a normal cast after that. The horse was put into the swing-lifter for the first days (but horse didn't accept it).

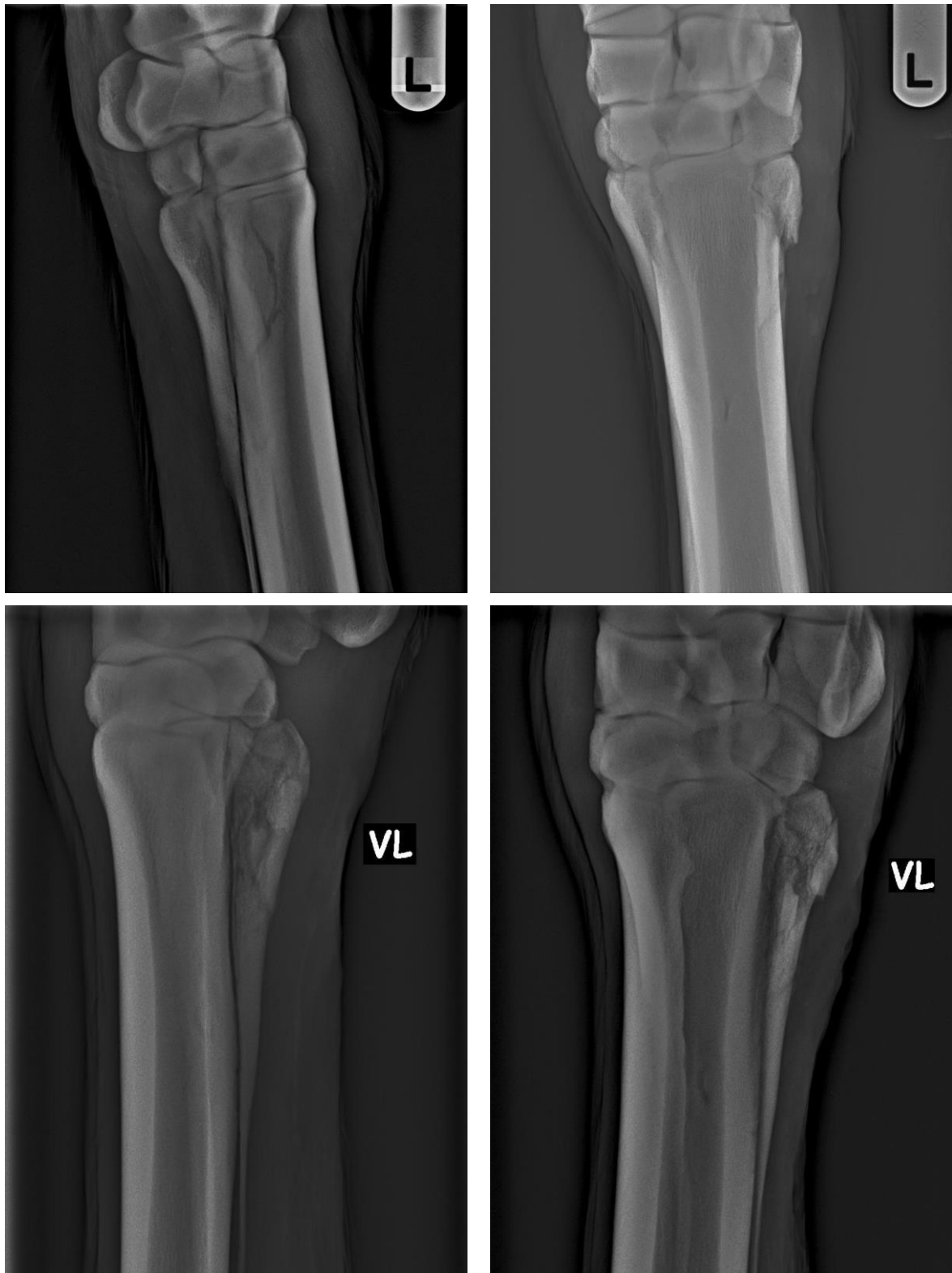


Fig 2. X-ray images of fracture (20 Apr 2020).



Fig 3. X-ray images of fracture (11 May 2020).

After 2 weeks an EQUETOM examination was performed and brought additional information about the situation of the carpal joint.



Fig 4. Tomosynthesis DP (#94, #78) and LM (#98) views slices of fracture (20 Apr 2020).



Fig 5. Tomosynthesis DLPMO (#109) and DMPLO (#82) views slices of fracture (20 Apr 2020).

Horse went home when weight bearing in cast was good with mild lameness in walk. Follow-up x-rays almost 1 month after initial injury were performed and sent by referring vet. Euthanasia was recommended as osteosynthesis was not good option as the carpal joint was progressing instable with a high risk of carpal joint arthrosis.