

EQUINE TOMOSYNTHESIS

Pastern (C0036, 10 May 2020)

Ten years warmblood gelding (very tall horse!). Owners found horse on pasture severe lame left front. X-rays performed by referring vet at stable: helical fracture of P1 with suspicion multiple fracture lines. The limb was put into a cast and referred to clinic for surgery.



Fig 1. X-ray images of P1 fracture.

For pre surgical planning an EQUETOM examination was performed (leg in cast that was already broken at the level of the fetlock joint). Several fracture lines with few bone fragments, an involvement of both joints (pastern & fetlock joint) and a luxated fetlock joint were detected.

As the prognosis was bad to get the horse back into sport the owner decided for euthanasia.



Fig 2. Tomosynthesis lateromedial view slices of P1 fracture.



Fig 3. Tomosynthesis DLPMO view slices of P1 fracture.



Fig 4. Tomosynthesis DMPLO view slices of P1 fracture.



Fig 5. Tomosynthesis dorsopalmar view slices of P1 fracture.