

Clinical Case

“Whisper”
Aged gelding – Grade

Shoulder Atrophy After Ulna Fracture Surgery

9 FES Treatments on shoulder
3 FES Treatments on top line (T12-L4)
Under complete stall rest

SUMMARY: Upon examination Whisper showed atrophy in the triceps region of the right shoulder. Radial nerve damage, after surgery to repair a fractured ulna, was evaluated as the most likely cause. During hand walking Whisper showed a medial to lateral swing of the right front leg and hoof. Palpation to the thoracic vertebrae region produced a “drop” in the thorax. Atrophy was also observed on both sides of the withers, however the atrophy was more pronounced on the right.

Four FES treatments were performed during the first 2 weeks; 2 treatments on T12 – L4 and 2 treatments directly on the triceps region. Hand walking showed less medial-lateral swing after 2 weeks of treatments. Visual results and palpation showed an increase in musculature in the triceps and thoracic vertebrae areas. Five treatments over the next 3 weeks were performed; 4 treatments on the triceps and 1 treatment on T12 – L4.

Whisper was removed from the Veterinary Hospital after treatments and no follow up was performed to determine the long-term effects.



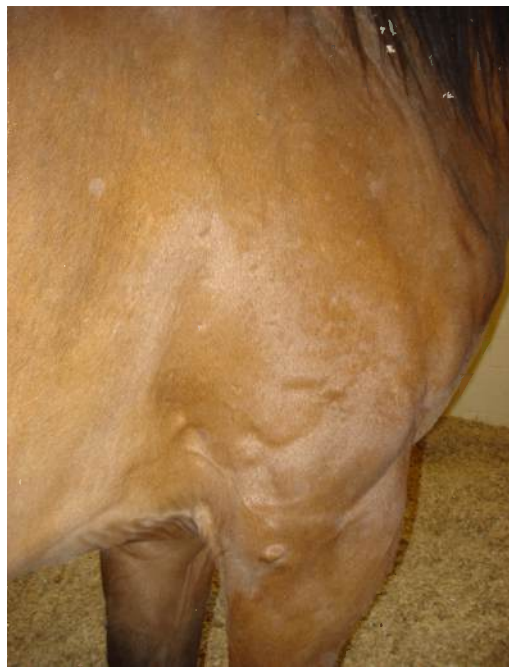
Pre Treatment



4 FES Treatments



12 FES Treatments Lateral View



12 FES Treatments Caudal View