

Clinical case: edema on the rear of the right carpus in a French horse

Easy Cryo hyperbaric Cryotherapy

Presented by Dr. Dallongeville Emilie – equine veterinary surgeon specialized in musculoskeletal pathologies

Reminders/history: French two-year-old trotter colt. The horse was operated on for valgus of both carpi using a trans-physeal screw. He chewed his bandages and his stitches, and presented with an infection of his surgical wounds which required bandages to be worn for a longer period.

When the device was removed, once the lines were fixed, healing was long and horse's knees remained very deformed. The owners then wanted to wait and see if the horse was competitive in sport before treating the persistent deformity of the carpi.



Photo: x-ray from the front of the two carpi before treatment

After breaking in the horse, the owner came back to see the team to try to resolve the problem with the knees. New x-rays are taken. They confirm a thickening of the soft tissues and a moderate effect on the bone on the exit point of the front left screw. An ultrasound confirms the thickening of the soft tissues all along the inner side of the carpi. Cryotherapy clinical case - Mikan

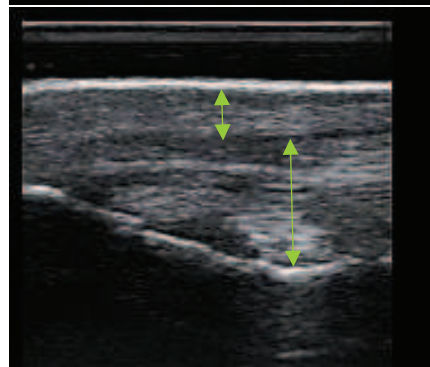
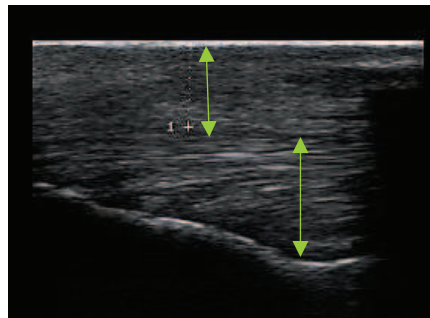


Photo: ultrasound of the inner side of the left knee. Before/ after cryotherapy treatment. Change in the thickness of the subcutaneous connective tissue

Cryotherapy protocol:

It was decided to start 5 sessions of hyperbaric cryotherapy every two days: 30 seconds per inner side of the knees.



Photo: before the sessions of hyperbaric cryotherapy

Results:



Photo: after 5 sessions of hyperbaric cryotherapy

This clinical trial confirms the positive effect of hyperbaric cryotherapy in treating subcutaneous fibroses, even chronic fibroses (a year later).