

WIMBA®

Let's restore pets mobility together

Case Study:

Carpal Ligament injury

Patient:

Name: Lexis

Age: 5 years

Sex: Male

Weight: 36kg

Medical Condition: Damaged medial dorsal ligament between the radial carpal bone and the 1st and 2nd carpal bones.



Watch Lexis's video case study:
<https://youtu.be/9hiHAX6LmH8>

History:

During one of his walks, Lexis was hit by a car, resulting in a rupture of

the medial dorsal ligament between the radial-carpal bone and the 1st and 2nd carpal bones. This instability and severe pain prevented the dog from functioning normally. The attending doctor decided to reconstruct the ligament and stabilize the wrist. After the surgery, Lexis had to limit his physical activity for 2-3 months to ensure a smooth recovery process. During rehabilitation, an orthopedic orthotic supply was used to provide stability and control of movement. 10 days after surgery, Lexis was using a Wimba orthosis with a rigid token, and it was recommended to change to a token with physiological movement after 3 weeks.

Diagnosis:

Subluxation of the medial carpal joint with medial instability, without carpal hyperextension.

Treatment Plan:

Reconstruction and stabilization of the medial compartment between the radial carpal bone and the medial-radial carpal bones I and II (Ligafibe 150 LB) + orthosis during post-operative rehabilitation.

Result:

Two months after surgery, the rehabilitation process continued, gradually increasing the load on the injured limb. The mobility of the

orthosis was blocked during the first stage of rehabilitation. After 3 weeks, the token in the orthosis was changed to a token with a physiological range of movement. No skin problems related to abrasions were noticed during the use of the orthosis.

Conclusions:

The Wimba orthosis was not only an effective form of wrist stabilization but also allowed Lexis to return to normal activity more quickly and in a more controlled manner. With the orthosis, the wrist was protected from excessive strain, and pathological lateral movement was avoided, contributing to faster healing of the damaged ligament. Lexis' owner also did not have to change the bandages stiffening the wrist daily, which could have been stressful for the animal. Wimba's orthosis proved to be an effective tool in Lexis' rehabilitation process and allowed him to recover fully.

