



Case 18: Spiral fracture of tibial shaft publication date: Aug 8, 2008

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**'ELLIE' Labrador, Chocolate, Female, 06/10/06.
Roundhurst, Haslemere, Surrey**

09/ 01/ 07 ; Emergency Acute lameness Right hind, whilst out on 1st walk. Sedate to x-ray = Spiral fracture of tibial shaft. Applied Robert Jones dressing to support, until surgery tomorrow. Hospitalised.

10/01/07 ; GA Repair fracture, medial approach, 2 x screws + cerclage wire, Robert Jones dressing. Inj Ceporex. Hospitalised.

11/01/07; Hospitalise inj Ceporex

12/01/07 ; inj Ceporex, Home with cage Ceporex 250mg 1 BID.

18/01/07 ; Sedate to redress & check x-ray, good callus forming around fracture site.

29/01/07 ; Sedate to redress & x-ray, doing very well, ½ sutures out, ½ size dressing.

05/02/07 ; remove dressing.

Top of thigh; Right = 28 cm Left = 31 cm.

Stifle; Right = 18.5 cm Left = 29 cm

Hock; Right =14 cm Left = 14cm

DATE	SESSION NUMBER	SPEED (k/h)	DURATION (MINUTES)	NOTES
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06/02/07	1	3.0	6	Holding leg up, ? habit. Very excitable! Tends to wobble on leg if wags tail too much! Right anterior hock = some swelling and joint fixation in slight extension advise gentle massage to loosen up.
08/02/07	2	3.0 3.2 3.4 3.2	2 2 4 2	Owner been massaging hock, already looks less fixed. Very excitable! Leg movement appears less wobbly & more controlled.
12/02/07	3	3.0 3.2 3.4 3.2	1 5 4 2	Very good placing of foot, more controlled, weight bearing very well, stifle & hock still fixed but better, already visible muscle build up.
14/02/07	4	3.0 3.2 3.4 3.6 3.4	1 4 3 2 3	Fantastic!
16/02/07	5	3.0 3.4 3.6 3.4	1 2 3 2	Stifle ;Right = 22.0 cm (was 18.5cm) Left 27.5 cm(was 29.0cm) Thigh ; Right = 30.0 cm (was28.0 cm) Left = 31.0 cm (was31.0cm) Angle of flexion of hock ; Right = 55degree Left = 65degree
19/02/07	6	3.4 5.2 3.2	7 2 (trotting) 2	Still has tendency to rotate stifle & hock laterally when walking, but not as severely, nice movement on trot.

21/02/07	7	3.4 5.2 3.4	4 4 (trotting) 4	MAD! Very, very lively & bouncy, jumping up without problem although not ideal! On trot (fantastic front end movement - dead straight), very slight lateral rotation of foot only, still slightly stiff gait, but much improved.
23/02/07	8	3.4 5.2 3.4	3 5 (trotting) 4	
26/02/07	9	3.6 3.4	7 3 (1st incline)	
01/03/07	10	3.6 3.4	7 3 (1st incline)	
05/03/07	11	3.6 5.2 3.6	5 3 (trotting) 4 (1st incline)	

08/03/07 ; Sedate to x-ray right hind, Leg looks normal! Healed amazingly well, callus resorbed.

Stifle ; Right = 23.5 cm (was 22.0cm) Left = 28.0cm (was 27.5cm)

Hock ; Right = 15.5 cm (was 14.0cm) Left = 15.5 cm (was 14.0 cm)

Flexion of hock ; Right = 65 degree Left = 65 degree EVEN!

As doing so well advise try normal exercise 20 -30 minutes 2 x daily + off lead running, re-ex 2 weeks or before if owner worried.

24/03/07; Check up, Ellie has made an amazing recovery, the leg is fully muscled up, and she is walking normally, the recovery, I am sure was hastened by the use of the treadmill. It is almost (apart from the shorter hair) impossible to tell she had suffered an injury!

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