



**Case 8: Traumatic Rupture of Right Carpus** publication date: Aug 7, 2008

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**PIPER, Border collie x ESS, Male (neutered), 6/6/04**  
**Bunch Lane, Haslemere, Surrey.**  
**Weight = 19.6 kg**  
**Radius / ulna ; Right = 18.5 cm**  
**Left = 19.5 cm**

**Known conditions; Traumatic rupture / laceration of posterior surface of right carpus resulting in severe damage to both flexor and extensor tendons. Post operatively, an immobilising dressing was applied with the carpus in full flexion, over the course of 6 weeks, the dressing was changed gradually relaxing the flexion of the carpus, until the leg was straight, but not fully weight bearing.**

**Aim; To maximise the extension back to a normal level with full weight bearing capabilities, and increase muscle mass that has been lost while the leg was immobilised.**

DATE	SESSION NUMBER	SPEED (k/h)	DURATION (MINUTES)	NOTES
11/08/05	1	4.2	5	Good extension of carpus, still slight stiffness, especially after exercise.
13/08/05	2	4.6 4.4	4 8	Owner reported NO lameness after 1st session, and also less lameness after rest.
16/08/05	3	4.6 4.4	7 5	

18/08/05	4	4.6 4.4	8 5	No lameness after exercise or rest, slight splaying of toes when walking, but full extension of carpus now. Does have a 'knocked up toe' digit 5(outer toe) of left foot when carpus fully extended.
20/08/05	5	4.6 4.4	9 4	
24/08/05	6	4.6 4.4	10 5	No further sessions required, muscle bulk returned, and full movement returned. Gradual increase in exercise including off lead, but monitoring still required for approx 6 months after surgery. There is a slight swelling on the ventral surface of the carpus, this is scar tissue and will gradually reduce over 6 - 9 months. Mr Serjeant has requested to see Piper in 1 month to continue to monitor his progress.

25/09/05; 1 month check up, Piper is using the leg normally and exercising normally, there is no restriction in the movement or flexion of the leg and the scar tissue has reduced.

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