

W. T. McCartney et al.

Repair of 36 fractures in dogs using the Mennen clamp-on plate

Supplemental Table 1 – Clinical details

Case number	Breed*	Age	Weight	Bone	Additional Fixation	Complications	Fracture Type	Outcome
1	Labrador	11 mths	26 kg	Tibia	I/M Pin	None	C-1	Exc
2	Spaniel	6 mths	12 kg	Tibia	None	Plate loosening	O	Exc
3	Terrier	1 yr	25 kg	Radius	ESF	Pin loosening	T	Exc
4	Boxer	4 mths	8 kg	Radius	None	None	T	Exc
5	Collie	3 yrs	35 kg	Radius	Plate Ulna	None	C-1	Exc
6	Lurcher	2 yrs	28 kg	Mcarpals	None	None	T	Exc
7	Collie	1 yr	20 kg	Humerus	I/M Pin	Pin seroma	O	Exc
8	Terrier	4 mths	9 kg	Humerus	None	None	O	Exc
9	Collie	8 mths	11 kg	Humerus	I/M Pin	Pin seroma	B	Exc
10	Terrier	2 yrs	15 kg	Humerus	I/M Pin	Pin seroma	O	Exc
11	Boxer	4 yrs	35 kg	Humerus	I/M Pin	Pin seroma	C-1	Exc
12	Labrador	7 yrs	28 kg	Humerus	I/M Pin	Pin seroma	T	Exc
13	Rottweiler	3 mths	5 kg	Humerus	None	None	O	Exc
14	Terrier	5 mths	4 kg	Humerus	None	None	T	Exc
15	Labrador	1 yrs	30 kg	Femur	I/M Pin	None	B	Exc
16	Lurcher	8 mths	10 kg	Femur	None	Plate loosening	T	Failure-ILN
17	Yorkshire Terrier	1 yr	3 kg	Femur	I/M Pin	None	C-2	Exc
18	Golden Retriever	9 yrs	32 kg	Femur	I/M Pin	Sciatic nerve damage	C-3	Unsat
19	Golden Retriever	6 mths	28 kg	Femur	I/M Pin	None	C-1	Exc
20	Terrier	6 mths	15 kg	Femur	None	None	O	Exc
21	Labrador	7 yrs	38 kg	Femur	I/M Pin	Pin loose	C-2	Exc
22	Rottweiler	4 yrs	48 kg	Femur	None	Plate fracture	T	Failure
23	Terrier	3 mths	4 kg	Femur	None	None	O	Exc
24	Collie	2 yrs	32 kg	Femur	I/M Pin	None	C-3	Exc
25	Spaniel	3 yrs	18 kg	Femur	I/M Pin	Pin seroma	C-2	Exc
26	Labrador	4 mths	8 kg	Femur	None	None	O	Exc
27	Collie	3 mths	5 kg	Femur	None	None	C-1	Exc
28	Terrier	4 mths	4 kg	Femur	None	None	C-2	Exc
29	Spaniel	2 mths	5 kg	Femur	None	None	O	Exc
30	Collie	7 wks	4 kg	Femur	None	None	T	Exc
31	Rottweiler	2 mths	3 kg	Femur	None	None	O	Exc
32	Labrador	4 wks	2 kg	Femur	None	None	C-2	Exc
33	Terrier	3 mths	2 kg	Femur	None	None	T	Exc
34	German Shepherd Dog	9 yrs	33 kg	Femur	I/M Pin	Infection (low grade chronic sinus)	C-3	Unsat - clear after implant removal

35	Staffordshire Bull Terrier	5 yrs	27 kg	Femur	I/M Pin	None	C-2	Exc
36	Greyhound	1.5 yrs	35 kg	Femur	I/M Pin	None	C-3	Exc

* Not all breeds mentioned are confirmed pedigrees so the closest breed association is used.

KEY:

- I/M Pin = Intramedullary Pin, ESF = External skeletal fixator, ILN = Interlocking Nail, Mcarpals = Metacarpals
- Exc = Excellent: Full uneventful recovery with normal use of leg
- Unsat = Unsatisfactory: Abnormal use of limb, weakness, stiffness, or lameness on a daily basis
- Fail = Failure: Revision surgery required
- Type = Fracture configuration, C = comminuted (C-1 mild with 1 or 2 fragments, C-2 moderate with 2 or 3 fragments, C-3 more than 3 fragments)
- B = Butterfly fragment, T = Transverse fracture line, O = Oblique fracture line