

I. Nicholson et al.: Caudal mandibular/ temporomandibular joint fracture in dogs and cats

Treatment of caudal mandibular fracture and temporomandibular joint fracture-luxation using a bi-gnathic encircling and retaining device

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Supplementary Table 1: Case, treatment and outcome details. For fracture location see Figure 1

Case number	Breed	Sex	Age (years)	Cause	Number fractures	Fracture location (Left : Right)	Canine teeth?	Concurrent injuries	Pharyngostomy diversion of endotracheal tube?	Occlusion after surgery	Bignathic encircling and retaining device success?
D1	Leonberger	Female	11 weeks	Dog bite	1	5 : 0	Intact	None	Yes	Perfect	Yes
D2	Weimeraner	Female	5 months	Horse kick	1	5 : 0	Intact	Horner's left eye	Yes	Perfect	Yes
C1	Domestic Shorthaired	Male - neutered	5	Road traffic accident	0	0 : 0*	Intact	Horner's right eye	No	Perfect	Yes
C2	Maine Coon	Female - neutered	1	Unknown	1	8* : 0	Single lower crown fracture	- Degloved rostral mandible. - Left eye prolapse. - Left zygoma segmental fracture. - Left maxillary	No	Slight malocclusion	No

								fracture displacing PM3, PM4, M1, inability to swallow			
C3	Egyptian Mau	Female	4 months	Shut in dishwasher	2	7 : 7	Single upper crown fracture	None	Yes	Perfect	Yes
C4	Domestic Shorthaired	Female - neutered	2	Road traffic accident (suspect)	1	8* : 0	Single upper crown fracture	None	No	Perfect	Yes
C5	Domestic Longhaired	Female - neutered	6	Dog bite	1	7+7 : 0	Intact	Rostral maxillary fractures isolating right canine, left oronasal fistula	No	Slight malocclusion	No
C6	Domestic Shorthaired	Male - neutered	4	Unknown	0	0* : 0	Single lower crown fracture	- Left scleral haemorrhage. - Left zygoma segmental fracture	Yes	Perfect	Yes
C7	Domestic Shorthaired	Male - neutered	7	Road traffic accident	1	0 : 8*	Intact	None	No	Perfect	Yes
C8	Bengal	Female - Neutered	3	Road traffic accident	2	5+5 : 0*	Intact	Left scleral haemorrhage and anisocoria	Yes	Perfect	No

Key: * denotes temporomandibular joint luxtion; + denotes more than one fracture on the left or right side.