

CASE REPORTS

**NEW FOREST
VETERINARY DENTAL
SERVICE**
REFERRAL VETERINARY DENTISTRY AND ORAL SURGERY

We have clinics in Dorset, Devon and Surrey offering the full range of veterinary dental and oral surgery service
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JAW SURGERY

Jaw surgery is all part of the service we offer. We treat a number of conditions from traumatic injuries and jaw fractures to tumour surgery and developmental diseases of the teeth and jaws. We have the benefit of not only being able to treat the jaw disease but also any dental problems that are associated!



This Boxer dog presented with a large fluid filled structure in its lower jaw. The lower 1st premolar tooth was not present and dental radiography confirmed the tooth was unerupted (red arrow) and present within a **Dentigerous Cyst** (white arrows). These lesions are seen associated with unerupted teeth, and Boxers are more highly represented than other breeds. Treatment requires the complete removal of the cyst lining, otherwise the cysts will return.



Jaw Fractures: This young spaniel presented with numerous fractures of the mandible (arrows), with the rostral mandibular segment completely mobile. Standard orthopaedic techniques using internal fixation were not possible because of the limited bone available and so an intraoral wire and acrylic splint was used, bonding the teeth and fixating the jaw. This technique also allows for much better preservation of the dental occlusion as the wire frame can be manipulated throughout placement. The splint was removed after 6 weeks, with the jaw fully healed, and an excellent occlusion.



Tumours: This older cross breed dog presented with an Ameloblastoma of the left rostral mandible. Ameloblastomas are locally aggressive tumours of the odontogenic epithelium. They are rarely metastatic although do require excision with an adequate margin. Here a rostral left sided mandibulectomy was performed with an excellent preservation of jaw function and cosmetic appearance despite the wide surgical margin.



We are an independent, dental and oral surgery referral practice with clinics in Dorset, Devon and Surrey. We offer treatment for a range of conditions including root canal treatment for fractured and devitalised teeth, orthodontic treatment of traumatic malocclusions, feline oral diseases including Tooth Resorption and Gingivostomatitis and treatment of oral trauma and neoplasia.

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