



University "Goce Delcev" Štip,
 Faculty of Medical Sciences Department of Stomatology*
 University "St. Kiril and Metodij"
 Faculty of Dentistry - Skopje**
 Private dental clinical practice: Kumanovo***
 R. Macedonia



ENDODONTIC TREATMENT AND RADICAL THERAPY OF DOG'S TEETH: CASE REPORT

Kovačevska Ivona, Dimova Cena*, Georgiev Zlatko**, Nacevski Ivan***.*

Introduction

The scientific and the technological advancements made in the dentistry in the last decade its being used in the veterinary medicine for therapeutical aspect in order to improve dental health of animals.



Fig. 1 - Akita Inu



Fig. 2 - Akita Inu

Objective

In this case report we present our dental therapeutic intervention on a dog, which is an only specimen of its race in our country i.e. the Japanese race Akita Inu or a Samurai dog. (Fig. 1,2)

Study design

After the examination of the dog's oral cavity we have found a fracture of the corona of the maxillary canine i.e. tooth 24 (dogs have 3 pairs of incisors in the maxilla). There was also a visible damage of the gums, fistulous formation and hiperemia.(Fig. 3,4)

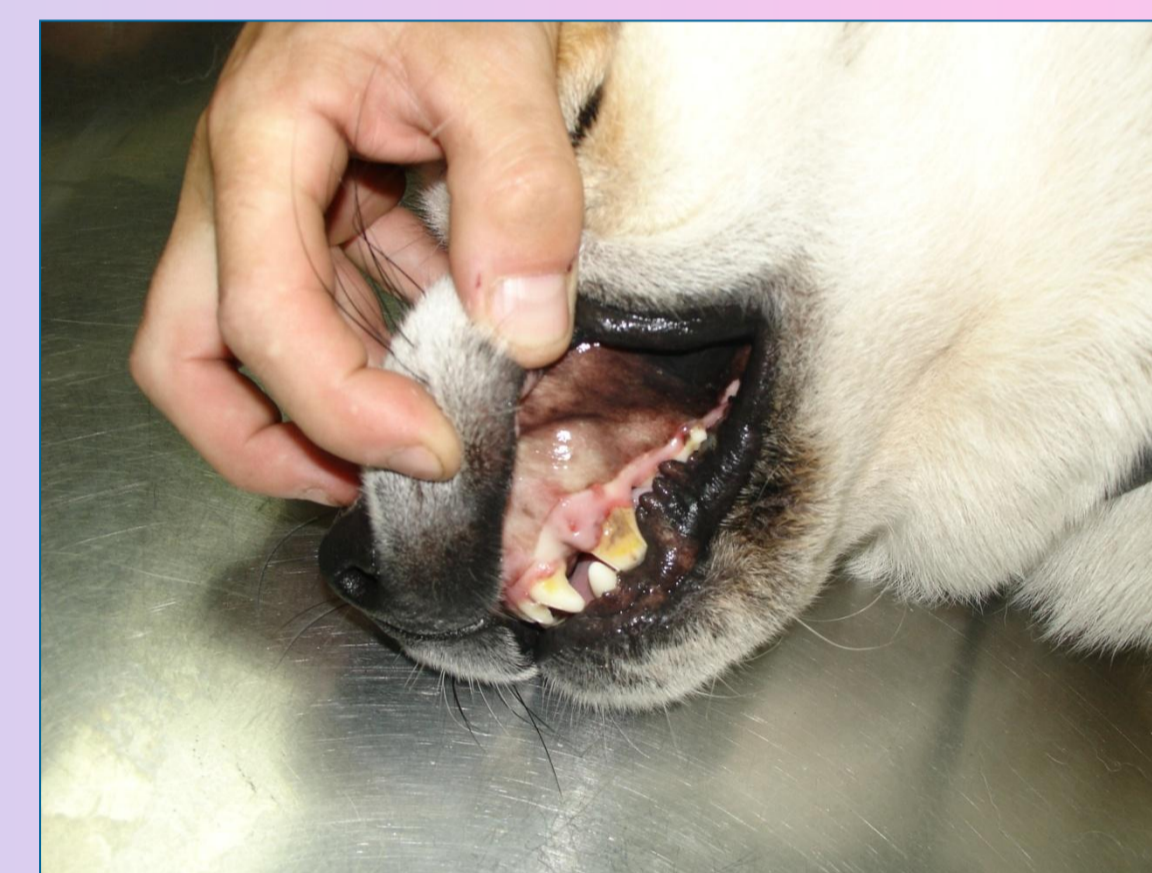


Fig. 3 - intraoral status

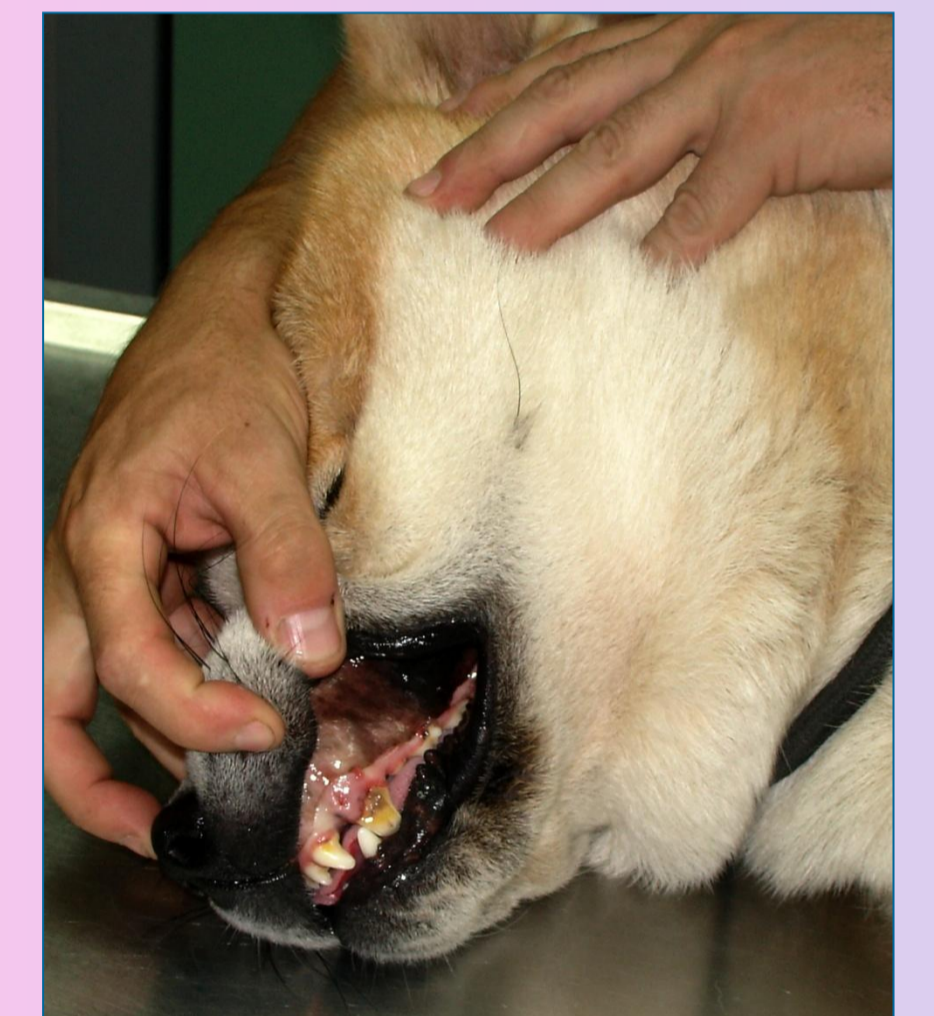


Fig. 4 - intraoral status

endodontic treatment

We realised endodontic treatment on the damaged tooth and it was successful for a period of three months. (Fig. 5, 6, 7)

After that period there was a remission of the symptoms. The operative therapy that followed confirmed a presence of a vertical fracture of tooth 24 after which the tooth was extracted. (Fig. 8, 9, 10, 11)



Fig. 5 - extirpation

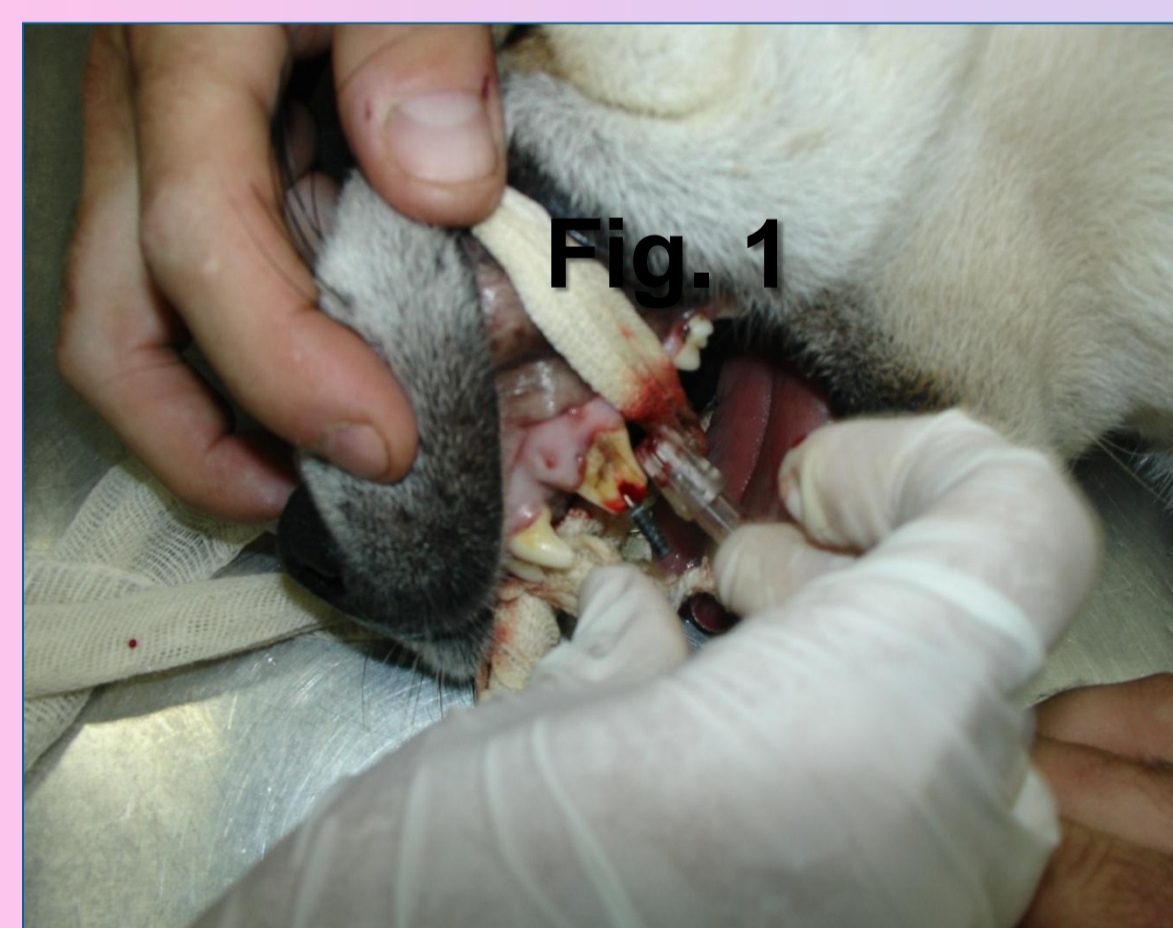


Fig. 6 - root canal preparation



Fig. 7 - temporary filling

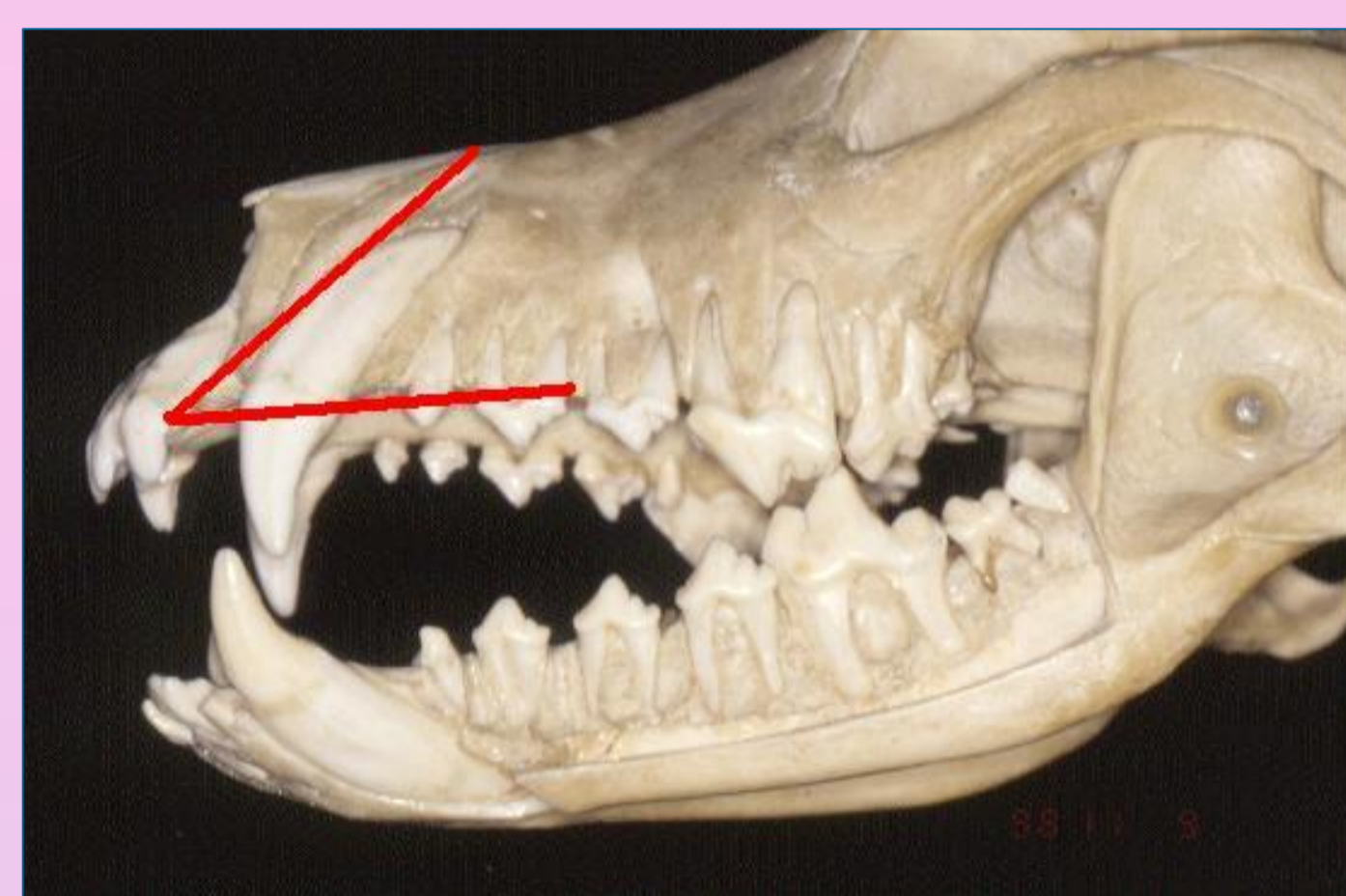


Fig. 8 - operative access



Fig. 9 and 10
 extracted tooth 24



Fig. 11 - after radical therapy

Conclusion:

Eighteen months later, the four-legged patient is in great shape and with perfect oral health, even though it's missing one of its canines.