



Sialography of the Mandibular and Parotid Salivary Glands in Some Domestic Animals

N.A. Misk, A. Hifny and E.H. Ahmed

Abstract:

Sialography is a useful diagnostic procedure in the investigation of different diseases involving salivary glands and their ducts. The purpose of the study was to describe the normal sialograms of the mandibular and parotid salivary glands in camel, buffalo, horse, donkey, sheep, goat and dog. Sialography of the mandibular gland was performed through the natural orifice of the duct using specially prepared hypodermic needle. Sialography of the parotid gland was conducted through cannulation of the parotid duct after its surgical exposure in all animals except dogs. The position of the mandibular glands, is at the mandibular angle. Its proximal extremity lies under the parotid gland and its distal one extends into the mandibular space. The parotid gland is located caudal to the vertical ramus of the mandible, rostral to the atlas and ventral to the base of the ear. The shape of both glands is characteristic for each species.

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