

Name The Salivary Glands

== See also == 0f5e23935b The condition is usually managed by removing the stone, and several different techniques are available. Rarely, removal of the submandibular gland may become necessary in cases of recurrent stone formation.

Sialolithiasis is common, accounting for about 50% of all disease... 0f5e23935b It is a rare condition, and most known cases have been in association with syndromes of the ectodermal tissues, particularly the lacrimal apparatus. Example syndromes which have been reported with salivary gland aplasia include hereditary ectodermal dysplasia, mandibulofacial dysostosis and hemifacial microsomia.

0f5e23935b == List of endocrine and exocrine glands ==

0f5e23935b Salivary gland tumours usually present as a lump or swelling in the affected gland, which may or may not have been present for a long time. The lump may be accompanied by symptoms of ductal obstruction (e.g., xerostomia). Usually, in their early stages, it is not possible to distinguish a benign tumour from a malignant one. One of the key differentiating symptoms of malignant growth is nerve involvement; for example, signs of facial nerve damage (e.g., facial nerve paralysis) are associated with malignant parotid tumours. Facial pain and paresthesias are also very often associated with malignant tumours. Other red-flag symptoms which may suggest malignancy and warrant further investigation are fixation of the lump to the overlying skin, ulceration and...

0f5e23935b The venom glands of snakes are a modification of the parotid salivary glands. 0f5e23935b == Signs and symptoms == 0f5e23935b These glands are named after Victor von Ebner, an Austrian histologist. 0f5e23935b

Von Ebner's gland More specifically, they are serous salivary glands which reside adjacent to the moats surrounding the circumvallate and foliate papillae just anterior to the posterior third of the tongue in its submucosa, anterior to the terminal sulcus. Ebner's

glands, also called Ebner's glands or gustatory glands, are exocrine glands found in the mouth. More specifically, they are serous salivary glands which Von Ebner's glands, also called Ebner's glands or gustatory glands, are exocrine glands found in the mouth 0f5e23935b

Sialolithiasis When minor glands are rarely involved, calculi are more likely in the minor glands of the buccal Sialolithiasis (also termed salivary calculi, or salivary stones) is a crystallopathy where a calcified mass or sialolith forms within a salivary gland, usually in the duct of the submandibular gland (also termed "Wharton's duct"). sublingual gland or a minor salivary gland is affected. Less commonly the parotid gland or rarely the sublingual gland or a minor salivary gland may develop salivary stones 0f5e23935b

The main significance of the condition is a lack of saliva, causing xerostomia (dry mouth), with accompanying susceptibility to dental caries (tooth decay), infections of the mouth, and upper respiratory tract infections (e.g., candidiasis, ascending sialadenitis, laryngitis and pharyngitis). Patients with salivary gland aplasia typically require regular application of topical fluoride to prevent tooth decay. 0f5e23935b

Salivary gland aplasia Salivary gland aplasia (also termed salivary gland agenesis) is the congenital absence of salivary glands. Usually the term relates to the absence of some or all of the major salivary glands. Usually the term relates to the absence of some Salivary gland aplasia (also termed salivary gland agenesis) is the congenital absence of salivary glands 0f5e23935b

== Types == 0f5e23935b The size of oral mucocoeles vary from 1 mm to several centimeters and they usually are slightly transparent with a blue tinge. On palpation, mucocoeles may appear fluctuant, but can also be firm. Their duration lasts from days to years, and may have recurrent swelling with occasional rupturing of its contents. 0f5e23935b List of distinct cell types in the adult human body 0f5e23935b

Salivary gland Salivary glands can be classified as serous, mucous, or seromucous (mixed). The salivary glands in many vertebrates including mammals are exocrine glands that produce saliva through a system of ducts. Humans have three paired The salivary glands in many vertebrates including mammals are exocrine glands that produce saliva through a system of ducts. Humans have three paired major salivary glands (parotid, submandibular, and sublingual), as well as hundreds of minor salivary glands 0f5e23935b

== Structure == 0f5e23935b This class of primary lung cancers contains several histological variants, including mucoepidermoid carcinoma of the lung, adenoid cystic carcinoma of the lung, epithelial-myoepithelial carcinoma of the lung, and other (even more rare) variants.

0f5e23935b == References == 0f5e23935b In humans, 1200 to 1500 milliliters of saliva are produced every day. The secretion of saliva (salivation) is mediated by parasympathetic stimulation; acetylcholine is the active neurotransmitter and binds to muscarinic receptors in the glands, leading to increased salivation. 0f5e23935b == Classification == 0f5e23935b The word parotid literally means "beside the ear". From Greek παρωτίς (stem παρωτιδ-) : (gland) behind the ear < παρά - pará : in front, and οὖς - ous (stem ὠτ-, ōt-) : ear. 0f5e23935b

Parotid gland Sometimes accessory parotid glands are found close to the main parotid glands. The parotid gland is a major salivary gland in many animals. They are the largest of the salivary glands. In humans, the two parotid glands are present on either side of the mouth and in front of both ears. Each parotid is wrapped around the mandibular ramus, and secretes serous saliva through the parotid duct into the mouth, to facilitate mastication and swallowing and to begin the digestion of starches. There are also two other types of salivary glands; they are submandibular and sublingual glands. In humans, the two parotid glands are present on either side of the mouth and in front of The parotid gland is a major salivary gland in many animals 0f5e23935b

List of glands of the human body glands of the human body
There are several specialized glands within the human integumentary system that are derived from apocrine or sebaceous gland This article contains a list of glands of the human body 0f5e23935b

In serous secretions, the main type of protein secreted is alpha-amylase, an enzyme that breaks down starch into maltose and glucose, whereas in mucous secretions, the main protein secreted is mucin, which acts as a lubricant. 0f5e23935b

Salivary gland-like carcinoma of the lung Carcinoma is a term for malignant neoplasms derived from cells of epithelial lineage, and/or that exhibit cytological or tissue architectural features characteristically found in epithelial cells. They take their name partly from the appearance of their abnormal cells, whose structure and features closely resemble those of cancers that form in the major salivary glands (parotid glands, submandibular glands and sublingual glands) of the head and neck. of cancers that form in the major salivary glands (parotid glands, submandibular glands and sublingual glands) of the head and neck. Carcinoma is a term Salivary gland-like carcinomas of the lung generally refers a class of rare cancers that arise from the uncontrolled cell division (mitosis) of mutated cancer stem cells in lung tissue 0f5e23935b

Stafne defect The Stafne defect is thought to be a normal anatomical variant, as the depression is created by ectopic salivary gland tissue associated with the submandibular gland and does not represent a pathologic lesion as such. normal anatomical variant, as the depression is created by ectopic salivary gland tissue associated with the submandibular gland and does not represent a pathologic The Stafne defect is a depression of the mandible (jawbone), most commonly located on the lingual surface (the side nearest the tongue). This cavity is commonly observed on panoramic radiograph 0f5e23935b

A proposed fourth pair of salivary glands, the tubarial glands, were first identified in 2020. They are named for

their location, being positioned in front of and over the torus tubarius. However, this finding from one study is yet to be confirmed.

Two classification systems were proposed to categorize Stafne bone cavity based on its depth and content.

== Presentation ==

Von Ebner's glands secrete lingual lipase, beginning the process of lipid hydrolysis in the mouth. These glands empty their serous secretion into the base of the moats around the foliate and circumvallate papillae. This secretion presumably flushes material from the mouth to enable the taste buds to respond rapidly to changing stimuli.

== Etymology ==

It is a classed as a pseudocyst, since there is no epithelial lining or fluid content. This defect is usually considered with other cysts of the jaws, since it can be mistaken for such on a radiograph.

Various synonyms have been used to describe this bone cavity including Stafne bone defect, lingual cortical mandibular defect, lingual mandibular bone cavity and submandibular gland defect.

Although these lesions are often called cysts, mucocèles are not true cysts because they have no epithelial lining. Rather, they are polyps.

The usual symptoms are pain and swelling of the affected salivary gland, both of which get worse when salivary flow is stimulated, e.g. with the sight, thought, smell or taste of food, or with hunger or chewing. This is often termed "mealtime syndrome." Inflammation or infection of the gland may develop as a result. Sialolithiasis may also develop because of the presence of existing chronic infection of the glands, dehydration (e.g. use of phenothiazines), Sjögren's syndrome and/or increased local levels of calcium, but in many instances the cause is idiopathic (unknown).

Mucous extravasation phenomenon is a swelling of connective tissue consisting of a collection of fluid called mucus. This occurs because of a ruptured salivary gland duct usually caused by local trauma (damage) in the case of mucous extravasation phenomenon and an obstructed or ruptured salivary duct in the case of a mucus retention cyst. The mucocèle has a bluish, translucent color, and is more commonly found in children and young adults.

Von Ebner's glands are innervated by

cranial nerve IX, the glossopharyngeal nerve. 0f5e23935b

Salivary gland tumour The major salivary glands consist of the parotid, submandibular, and sublingual glands. People with these types of tumours may be asymptomatic. The minor salivary glands consist of 800 to 1000 small mucus-secreting glands located throughout the lining of the oral cavity. The major salivary glands consist of the parotid, submandibular, and sublingual glands. The salivary glands are classified as major or minor. as major or minor. The minor salivary glands consist of 800 to Salivary gland tumours, or neoplasms, are tumours that form in the tissues of salivary glands 0f5e23935b

Oral mucocele ruptured salivary gland duct usually caused by local trauma (damage) in the case of mucous extravasation phenomenon and an obstructed or ruptured salivary duct Oral mucocele (also mucous extravasation cyst, mucous cyst of the oral mucosa, and mucous retention and extravasation phenomena) is a condition caused by two related phenomena - mucus extravasation phenomenon and mucous retention cyst 0f5e23935b

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