

Oral Manifestations of Diseases of Local and Systemic Etiology
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1) CONGENITAL SYPHILIS

- **History: 18-year-old white female came in for routine examination. Specific type of enamel hypoplasia of the first permanent molar – mulberry molar.**
- **History: 37-year-old black male came in for dental check-up. Specific type of enamel hypoplasia – Hutchinson’s teeth.**

2) ACQUIRED SYPHILIS

- **History: 25 year old male with painless sore on upper lip. Had suspicious sexual contact two weeks ago.**
- **History: 30 year old male with smooth swellings of mucosa and a red rash on skin. Suspicious sexual contact two months ago.**
- **History: 65 year old male with growth on palate.**
- **History: 40 year old female with perforation of palate.**

3) TUBERCULOSIS

- **History: 56 year old white male.**
Chief Complaint: Acute sore mouth (lower lip).
Past Medical History: Alcoholic, chronic cough, recent weight loss.
- **History: 17 year old black male.**
Chief Complaint: Mom took him to a dental clinic at a New York hospital with a sight swelling of left neck over a one-month duration. In the last few weeks it has become painful.
- **Biopsy of previous lower lip lesion**

4) HERPES SIMPLEX

- **History: Young female with painful blisters around lips.**
- **History: Young male painful ulcers and swollen lymph nodes.**
- **History: Young female with acute sore mouth.**
- **History: 28-year-old female with sudden onset of acute painful ulcers throughout the mouth and fever with swollen lymph nodes.**

5) PAPILLOMA VIRUS

- **30 year old male with lesions of the lip.**

6) ORAL MONALIASIS

- **History:** 62 year old white female.
Chief Complaint: Sore and burning palate.
History: Heavy smoker – Had flu three weeks ago.
- **History:** 7 year old white female
History: Acute sore mouth. Hospitalized due to high fever, dehydration and inability to swallow fluids or food.

7) AIDS

Hairy Leukoplakia

- 37-year-old white male presented with a sore tongue.
HPI: Symptoms started two months ago and have gotten progressively worse. He gives a history of gradual unexplained weight loss over this period of time.

Koposi's Sarcoma – Extensive Monaliasis

- 25-year-old Hispanic male – history of drug abuse.
Chief Complaint: Acute sore mouth. Presents with round red violet raised lesions of the palate.
- Biopsy of one red – violet raised lesions.

8) HYPERKERATOSIS

- 22-year-old white male. Routine examination by dentist. Tissue was taken for biopsy.
Diagnosis: Hyperkeratosis.

9) LEUKOPLAKIA

- 45-year-old white female. History of alcohol abuse. Lesion floor of mouth.
- 40-year-old white male. History of heavy cigar smoking and moderate alcohol abuse. White lesion on palate.
- 28-year-old white male. History of chewing tobacco. White lesion mucobuccal fold.
- Results of biopsy of a white lesion.

10) CARCINOMA

- 52-year-old white male with a firm painful lesion under the tongue.
- 62-year-old white male. History of smoking and alcohol abuse. Carcinoma insitu, ventral tongue.
- Biopsy of invasive squamous cell carcinoma
- 65-year-old white male. Carcinoma of palate.

11) LICHEN PLANUS

- **History:** 47 year old white female. The patient noticed roughened areas on her tongue
Past Medical History: Patient very nervous. Frequently uses Valium by prescription from her physician. Lesions present for several weeks.
- Commissure, lower lip

12) PEMPHIGUS VULGARIS

- 43-year-old white female. Acute sore mouth. Patient was hospitalized after biopsy revealed pemphigus vulgaris. Lateral border of tongue.
- Buccal mucosa
- Ventral surface of the tongue.
- Biopsy

12a) IMMUNOFLUORESCENCE

13) LUPUS ERYTHEMATOSIS

- History: 37 year old white female. Know history of discoid lupus erythematosis. Complains of a mild burning palate.
- History: 42 year old male – white scaly lesion with ulceration of the lower lip.
- History: 50-year-old male – white crusted and ulcerated lesions behind the ears.
- Immunofluorescence – pemphigoid

14) ERYTHEMA MULTIFORME

- 27-year-old white male presented with an acute sore mouth the following day after having crowns cemented to his teeth with zinc oxide and Eugenol temporary cement.
- 13-year-old male was admitted to the hospital with high fever, sore eyes, mouth and penis. He had a rash over his body. His mother had given him some cold medication the night before.

15) PREGNANCY GINGIVITIS

- History: 23-year-old female presents with red, swollen and painful gums. Found out recently she is pregnant.
- History: 23 year old female in her second trimester. Has poor oral hygiene. Presented with pain and swelling in the lower molar area.
- History: 20-year-old female has a large growth of her gingiva. She has just delivered a healthy baby.

16) PYOGENIC GRANULOMA

- History: 45-year-old female presents with a lump on the surface of her tongue. This Pyogenic granuloma of dorsal surface of her tongue. This developed after she cut her tongue with a fish bone.
- Median Rhomboid Glossitis: A congenital abnormality is presented for contrast with the above.
- History: 32 year old female with poor oral hygiene and a growth in the molar region of her upper jaw.

17) ACUTE NECROTIZING ULCERATIVE GINGIVITIS

- History: 19-year-old female who complains of a very bad odor from her mouth, a metallic taste, and pain and bleeding of gums.

18) DILANTIN HYPERPLASIA

- History: 32-year-old female has swollen gums. Is an Epileptic.

19) FIBROMA

- History: 23-year-old black male has had this firm lesion of his cheek for four months. It is getting a little larger, and he is biting it.

20) PAPILLOMA

- History: 23-year-old black female presents with white cauliflower looking lesion on her cheek. It has been present for four months. Papilloma buccal mucosa.
- Papillomatosis – Multiple lesions of palate.

21) NEVUS:

- History: 35 year old male – slow growing mass, upper left philtrum of lip.

22) MALIGNANT MELANOMA

- History: 53 year old male – dark pigmented lesion of palate – Lesion of skin.

22a) HYPERPARATHYROIDISM

- History: 49-year-old white female with a history of kidney stones was seen by her dentist for repair and replacement of her lower teeth. Radiograph showing a well – demarcated radiolucency in the anterior portion of the mandible.
- Biopsy of lesion

22b) PERIPHERAL GIANT CELL REPARATIVE GRANULOMA

- History: 25 year old female with a firm swelling of her gingiva.

23) MULTIPLE MYELOMA

- History: 52-year-old white male presents with a swollen, sore, and bleeding area of his gums. He has a history of feeling very tired and weak lately. “Craters of the Moon”: Round punched-out radiolucency of the skull.
- Plasmacytoma gingiva.
- Biopsy malignant plasma cells.

24) HISTIOCYTOSIS (Hand – Schuller – Christian Disease)

- History: 7 year old white female admitted to the hospital with high fever, a swollen jaw and very dehydrated.
- Radiograph showing teeth appearing to “float” in radiolucency.
- Biopsy: Histiocytes and eosinophils.

25) SJOGRENS DISEASE

- History: 49 year old black female with xerostomia, conjunctivitis, and sore and burning throat and nasal cavity. She has a positive rheumatoid factor. Bilateral enlargements of parotid glands – doughy to soft.
- Biopsy of parotid gland

26) PLEOMORPHIC ADENOMA (MIXED TUMOR)

- History: 52-year-old black male with slow, painless swelling in parotid firm to palpation.
- History: 45 year old white male with slow, painless swelling in upper lip. Firm swelling upper lip.
- Biopsy: Sheets of ductal epithelial cells.

27) MUCOEPIDERMOID CARCINOMA

- History: 45 year old male with swelling three months – painful. Raised firm lesion of palate.

28) AMYLOID DEPOSITION IN GINGIVA

- History: 44 year old black female with a history of multiple myeloma. Reddish yellow pigmentation gingiva.
- Biopsy demonstrates amyloid accumulation in the connective tissue congo red stain.

29a) ODONTOGENIC CENTRAL TUMORS (Of Bone)

- History: 62-year-old black male swelling for several years lower jaw. Diagnosis: Calcifying epithelial odontogenic tumor of Pinborg.
- Radiographic picture of Pinborg tumor.

29b)

- History: 28 year old white male with recent expansion of lower jaw. Odontoma: Radiograph of radiolucent cyst of lower right mandible, ramus area. It contains calcifications.
- Odontoma: Gross specimen.

30) BISMUTH DEPOSITION IN GINGIVA AS SULFIDE

- History: 39-year-old painter.

31) MELANIN PIGMENTATION OF GINGIVA SECONDARY TO ADDISON'S DISEASE (Chronic Adrenal Cortical Insufficiency)

- History: 23-year-old white male exhibiting heart problems, GI disturbance and anemia.

32) PEUTZ-JEGHERS SYNDROME

- History: 12 year old boy – Peutz-Jeghers Syndrome – Melanin pigmentation, buccal mucosa, GI polyps.
- Melanin freckles on face and lips.

33) AGRANULOCYTOSIS

- History: 32-year-old chemical plant worker reported to his dentist with bleeding gingiva.

34) LEUKEMIA

- History: 35-year-old white male with severe weakness, swelling, hemorrhage, and sore gingiva - Acute
- History: 42-year-old female with chronic lymphocytic leukemia, who complains of swelling of her gingiva, and anemia - Chronic.