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Haltasis

MSC. oralling

Definition

• is a term used to describe unpleasant odor emerge from the breath (bad breath), regardless whether the odor from oral or non-oral sources.

Originated from two words:

Halite ----- breath

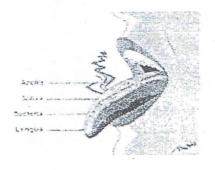
Osis ----- disease

Source

- Halitosis generally arises as a restit from bacteria decomposition God particules, cells, blood and chemical compound of saliva.
- Protein proteases peptides (sulfur containing amino acid)
- Catabolism of peptide by gram negative anaerobic bacteria to form VSC and lead to bad breath.

Causes of halitosis

- Local Causes
- Systemic Causes



Local Causes

A. oralcauses:

- · Poor oral h. siene
- Food impaction
- Infection
- ANUG
- Dry socket
- · Malignant tumor
- Pericoronitis
- · Chronic periodontal disease
- xerostomea

B. Nose & pharynx causes:

- · · Pharyngitis
 - Tonsillitis
 - Sinusitis
 - Malignant tumors

Systemic Causes

- Respiratory Tract Infections
- Diabetic Ketoacidosis
- Kidney Failure
- Liver Failure
- Dehydration

Medications Can Causes Bad Breath

- <u>Triamterene:</u> used to treat high blood pressure and edema
- Paraldehyde: treat seizures
- <u>Disulfiram:</u> treat alcoholism
- Antihistamines
- Cytotoxic Drug

Classification

- Genuine Halitosis
- 1) Physiologic Halitosis
- 2) Pathologic Halitosis
- Pseudo Halitosis
- Halitophopia

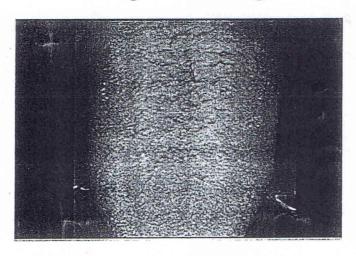
1. Genuine Halitosis

• Physiological Halitosis

Morning breath odor, tobacco smcking & certain food (onions, garlic), alcohol, starvatio..., medication.

- Pathological Halitosis
- 1) Intra oral or extra oral origin
- 2) Bacteria, volatile sulphur compound

Tongue Coating



• Intra Oral Origin:

- 1) Poor Oral Hygiene
- 2) Dental Caries
- 3) Periodontal Disease
- 4) Tongue Coating

• Extra Oral Origin:

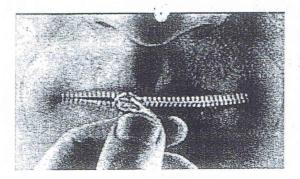
- 1) Respiratory Tract Infection
- 2) Chronic Sinusitis & Tonsillitis
- 3) Kidney disease
- 4) Liver cirrhosis
- 5) GIT disease

2. Pseudo Halitosis

 Obvious malodor is not perceived by other, although the patient complains of its existence, condition can be improved by counseling & simple oral hygiene measures.

3. Haltophobia (Delusional Halitosis)

Exaggerated fear of having halitosis



Diagnosis

A. History

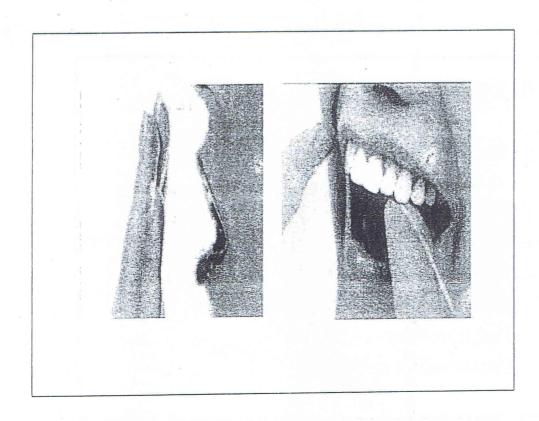
- 1. Onset/duration
- 2. Constant/intermittent
- 3. Self reported or reported by other
- 4. Systemic disease or medication
- 5. Currently under stress

B. Examination

- Tongue coating , black hairy tongue , fissure tongue
- 2. Periodontal disease
- 3. Tonsillitis
- 4. Dry mouth
- 5. Oral ulcerative lesion
- 6. Post nasal drip
- 7. Dental sepsis

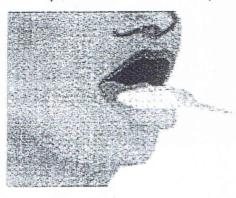
C. Detection

- 1. Self Assessment Test
- 2. Wrist Lick Test
- 3. Spoon Test
- 4. Dental Floss Test
- 5. Saliva Odor Test



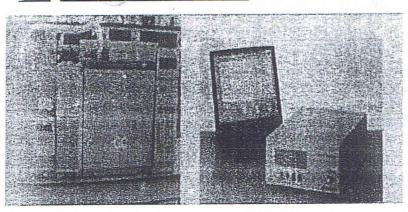
Spoon Test:

 Scrape the dorsal surface of the tongue, smell the spoon to detect any odor.

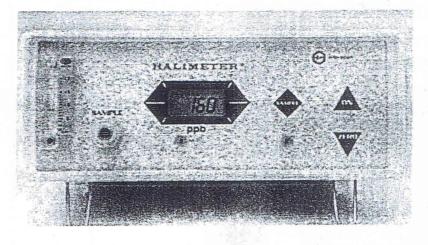


Some Devise Used To Detect Halitosis

1. Gas Chromatography



2. Halimeter



Preventive Measures

- Visit dentist regularly
- Brushing of Leeth twice daily
- Periodical tooth cleaning
- Use of tongue scraper
- Flossing after brushing to remove food particles
- Chewing gum free sugar

Management Of Halitosis

A SIGNED IN

- 1. Mechanical reduction of intraoral nutrient and micro-organism (tooth brush, intra dental cleaning, chewing gum)
- 2. Chemical reduction of oral microbial load (mouthwashes, chlorehexatidine, hydrogen peroxide, fluoride application use)

- 3. Conservative of volatile sulfide compound (metal salt solution, tooth paste, chewing gum, mouthwash contain zinc ion)
- Masking the malodor (mouth spray, rinses, lozenges containing volatiles)
- 5. In xerostamia, increase fluid intake and citreous fruits, vitamin C

THANK YOU ..