



GIT- physiology

Archive

Lecture 1

Salivary secretion & Swallowing &
Esophageal Motility

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1.All are true about mastication EXCEPT?select one:

- A.complete chewing reflex.
- B.Includes both voluntary and reflex components
- C.Increase the surface area of the food particles.
- D.The mechanical damage to the gut mucosa.
- E.Is important for digestion of carbohydrates.

Answer:"D"

2.One of the following is from functions of salivary secretion :

- A.Helps in digestion of uncooked starch.
- B.Evaporation in animals with sweat gland.
- C.Keep pH of the mouth at about 7.
- D.IgG help in cleaning mouth.
- E.Heating efect of cold food.

Answer:"C"

3.Which of these occurs during second phase of swallowing process :

- A.Elevation of the epiglottis.
- B.Deep respiration.
- C.Approximation vocal cords.
- D.Elevation of the tongue against soft palate.
- E.Secondary peristaltic contraction.

Answer: C

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4. Taste sensation of the tip of the tongue by :

- A. Hypoglossal nerve.
- B. Chorda tympani.
- C. Glossopharyngeal nerve.
- D. Lingual nerve.

Answer:"B"

5. All of the following regarding achalasia are true except?

- A. Primary causes are more common.
- B. May result in functional esophageal obstruction.
- C. Decreased lower esophageal sphincter(LES)tone.
- D. Esophageal aperistalsis.
- E. Patient could present with epigastric pain.

Answer:"C"

6. During pharyngeal phase of Deglutition there is?

- A. Opening of nasal cavity.
- B. Opening of glottis.
- C. Depression of Larynx.
- D. Swallowing apnea.

Answer:"D"

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7.Which carry the parasympathetic nerve supply of parotid gland:

- A.Great auricular.
- B.Facial nerve.
- C.Middle meningeal plexus.
- D.Glossopharyngeal.

Answer:"D"

8.One ofthe following features is in saliva except:

- A.Soluble calcium salts.
- B.Amylase enzyme.
- C.Lipase.
- D.Digestion fruits and vegetables completely.

Answer:"D"

9. Which nerve is responsible for the general sensation of the anterior two-thirds of the tongue?

- A. Chorda tympani
- B. Lingual nerve
- C. Glossopharyngeal nerve
- D. Vagus
- E. Hypoglossal nerve

Answer: B

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10. Which of the following is correct regarding saliva?

- A. It secretes 500 ml per day
- B. Submandibular gland produces 75% of total secretion
- C. Sympathetic stimulation increases salivary secretion
- D. Saliva does not have organic compounds
- E. Parotid gland produces 90% of saliva

Answer: B

11. Which of the following structures is responsible for allowing only small particles to pass and preventing the passage of large particles?

- A. Palatopharyngeal folds
- B. Upper esophageal sphincter (UES)
- C. Glottis
- D. Vocal cords
- E. Soft palate

Answer:A