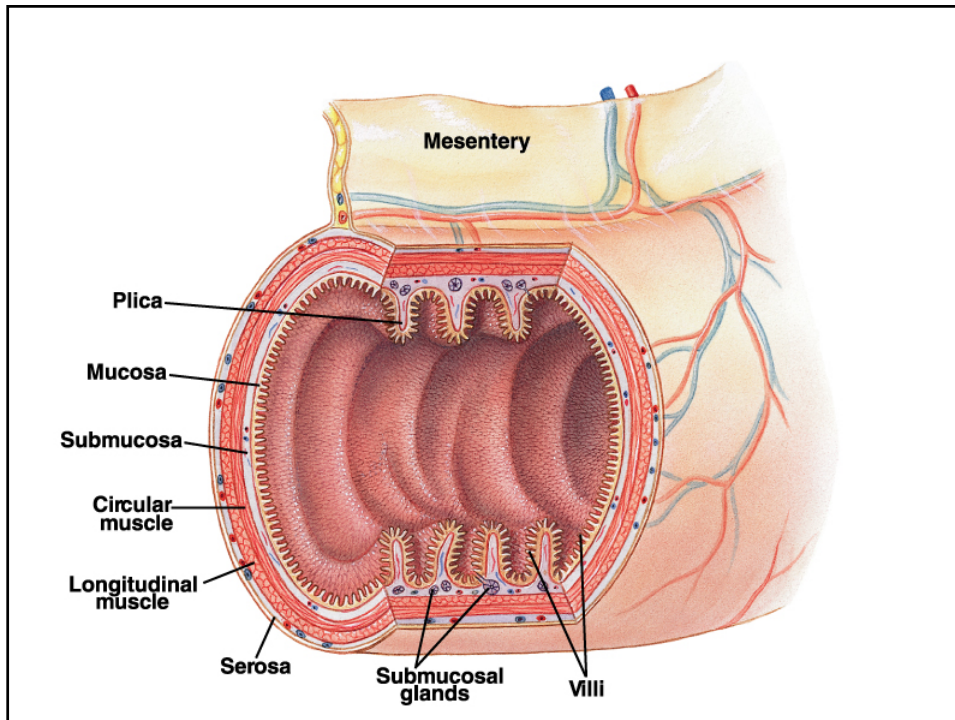
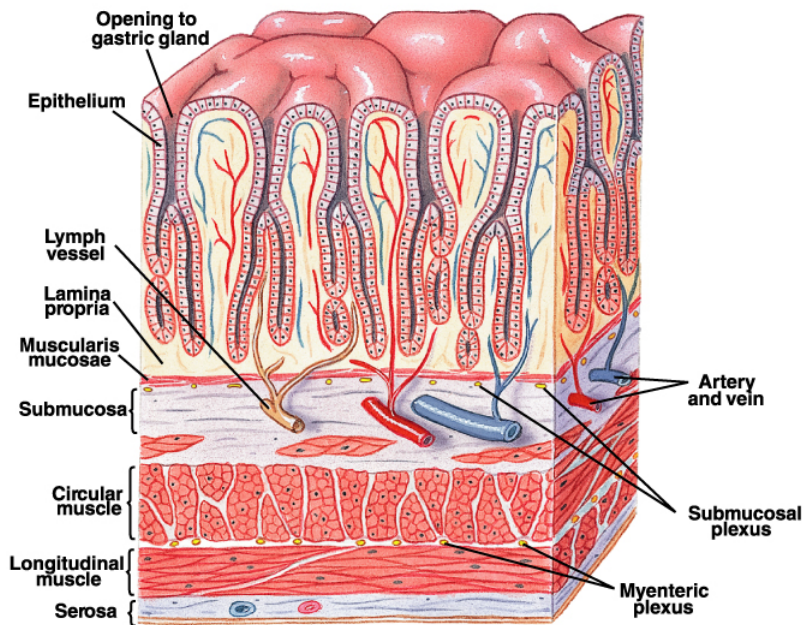
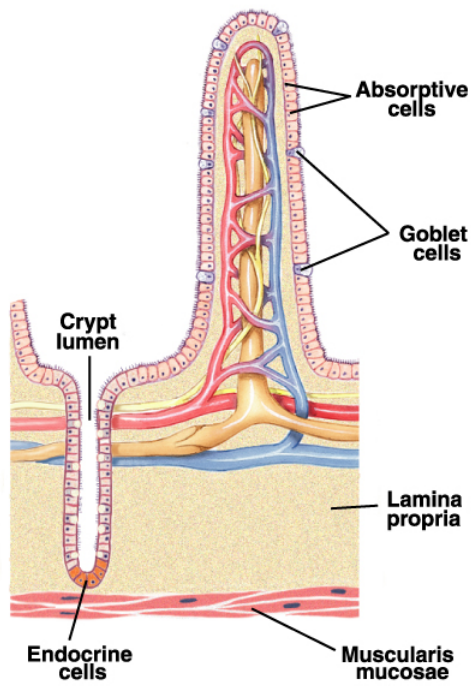
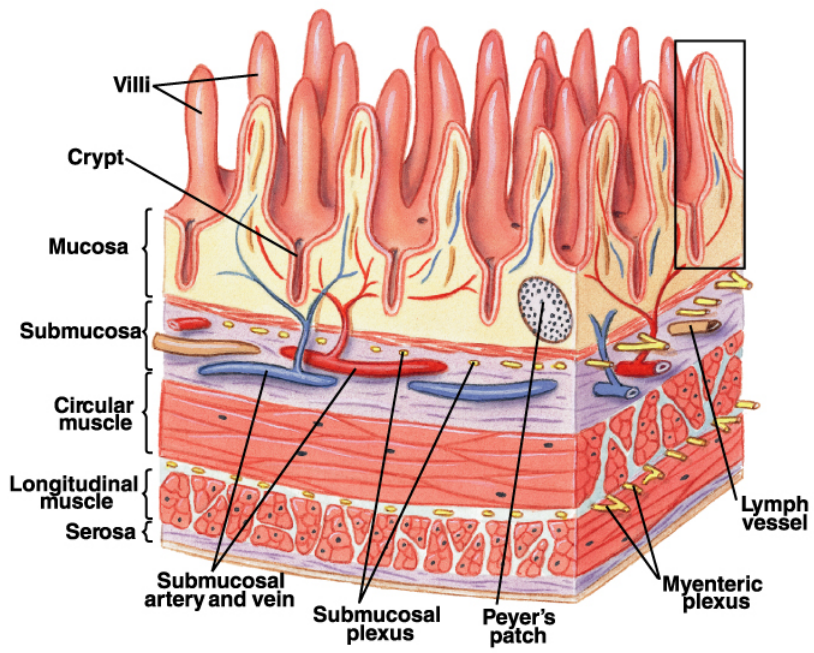
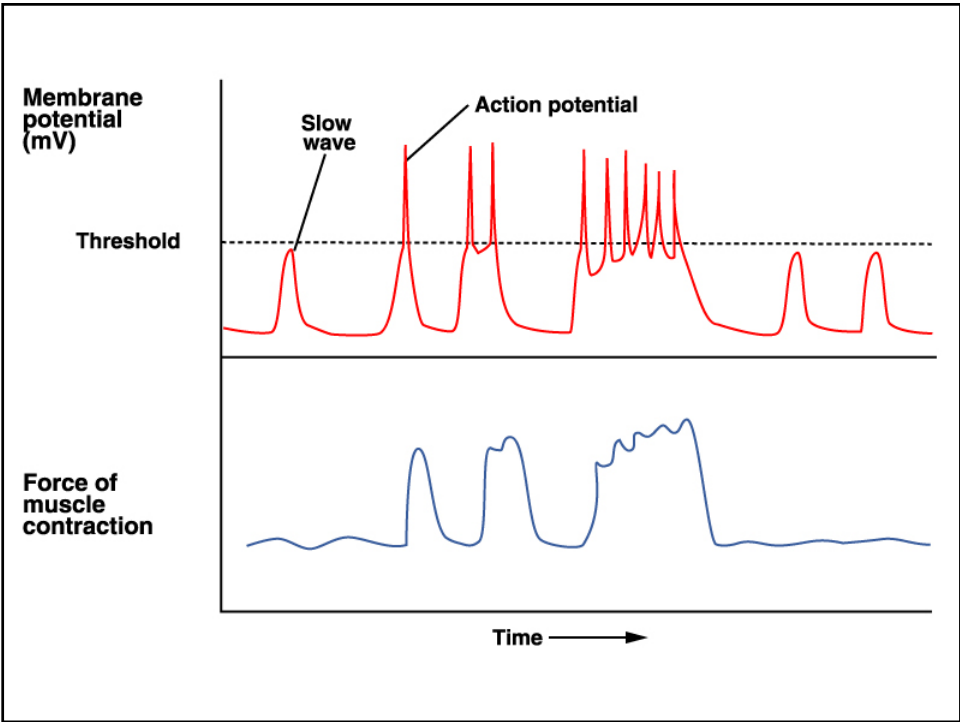
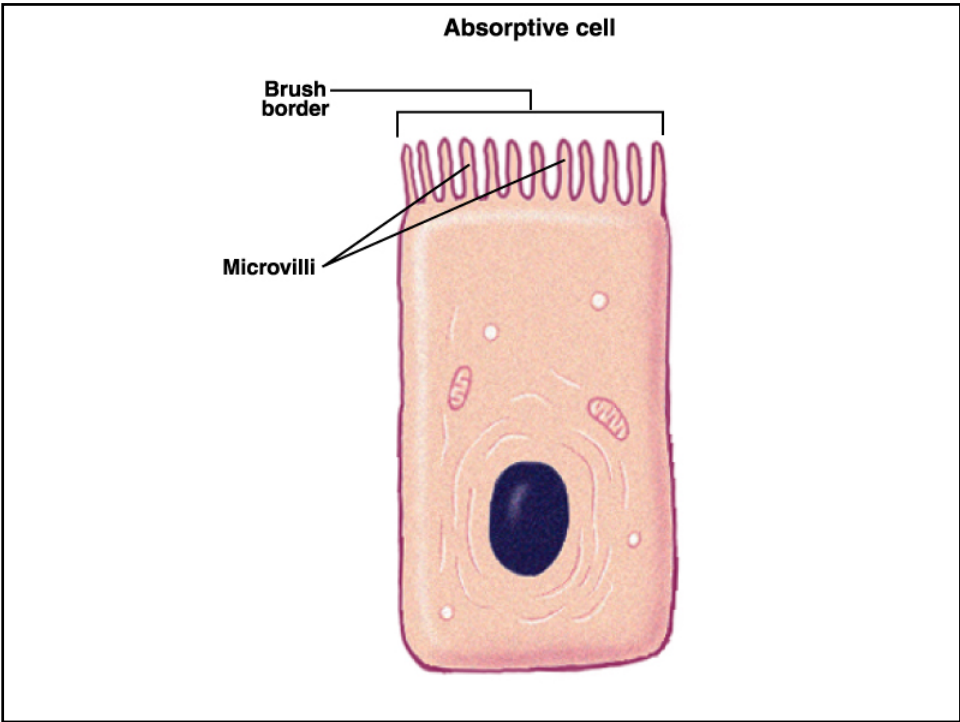


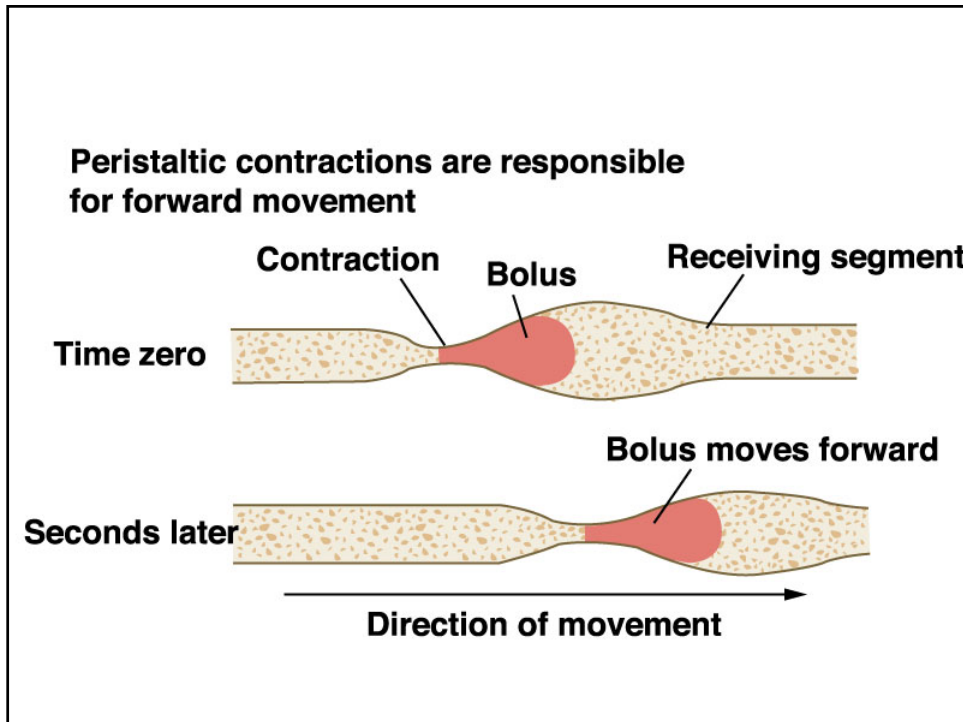
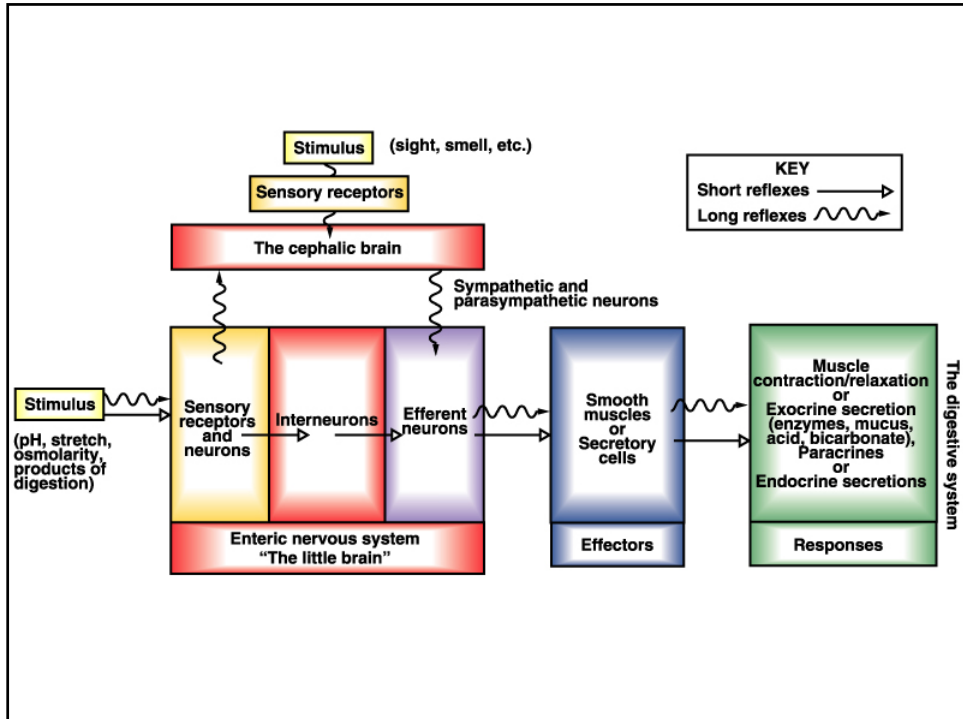
In the stomach, surface area is increased by invaginations called gastric pits.

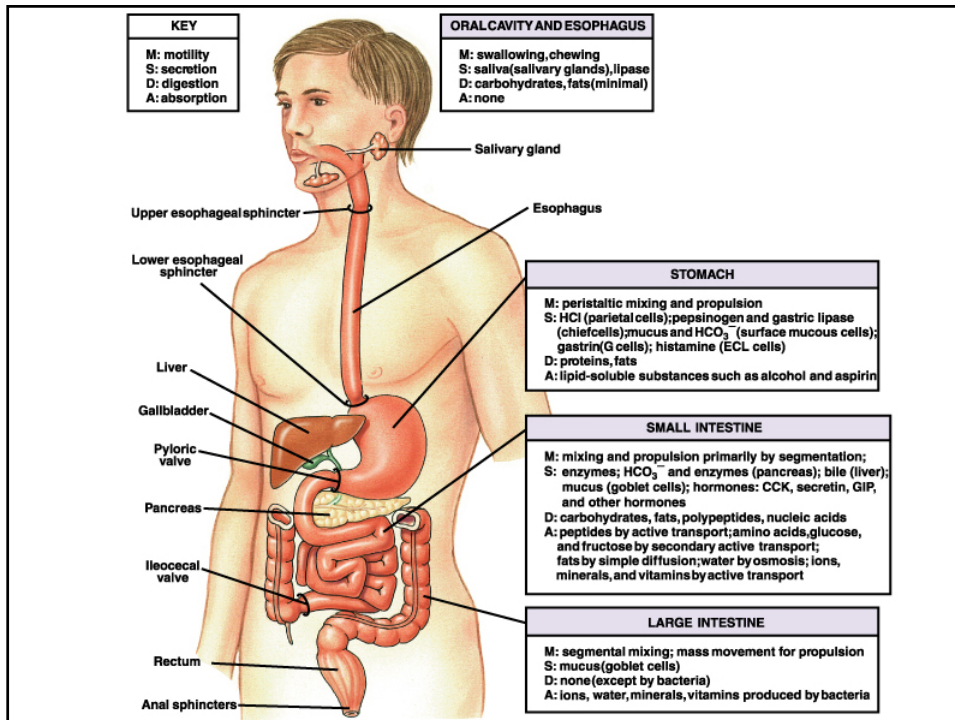
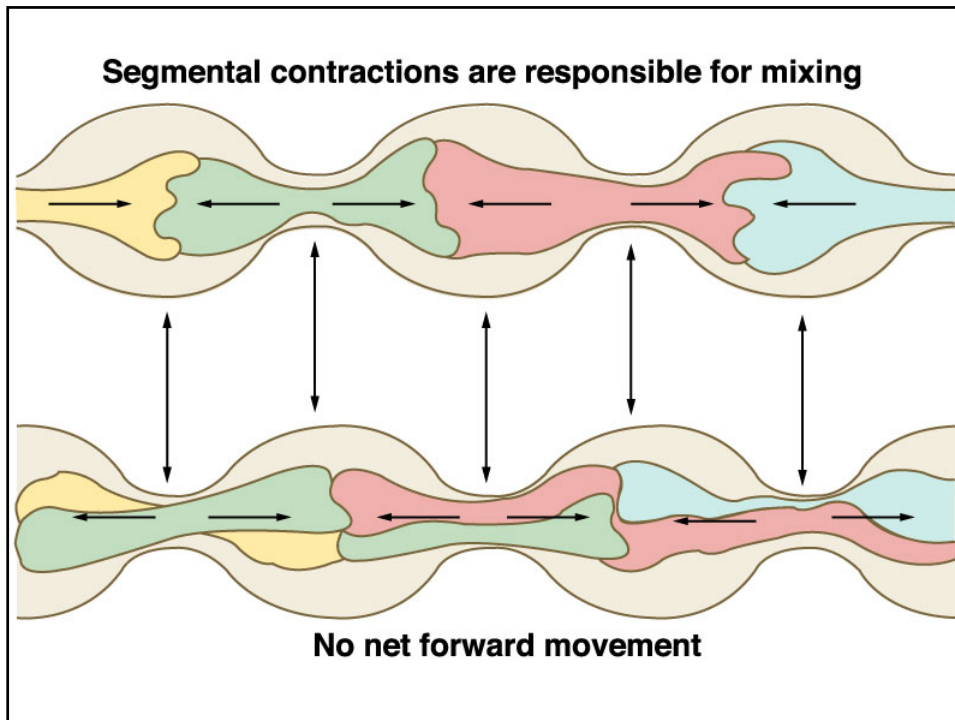


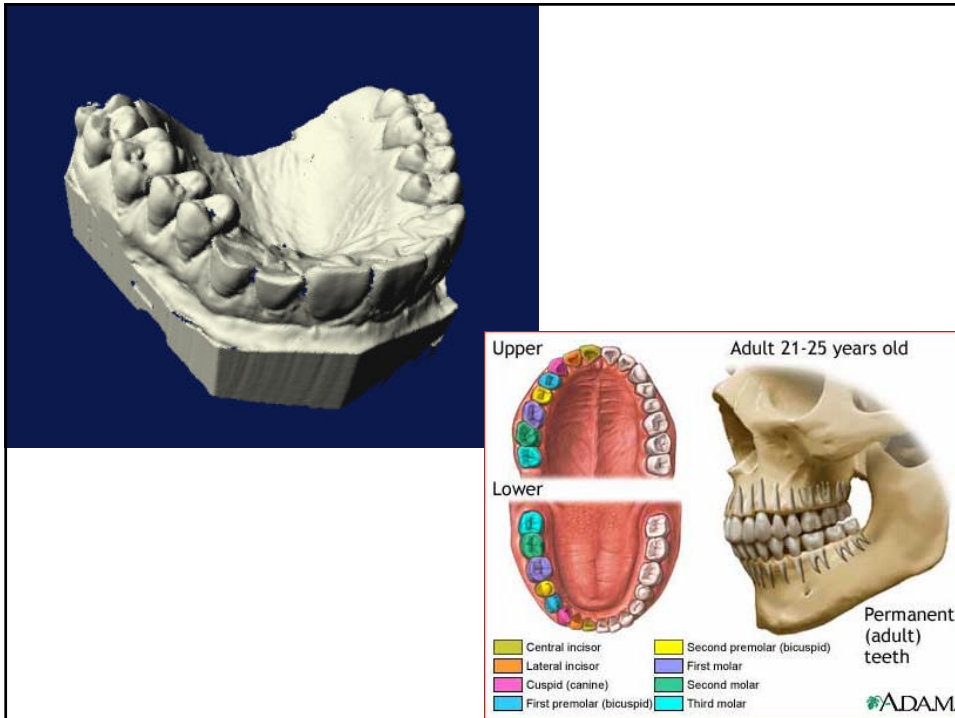
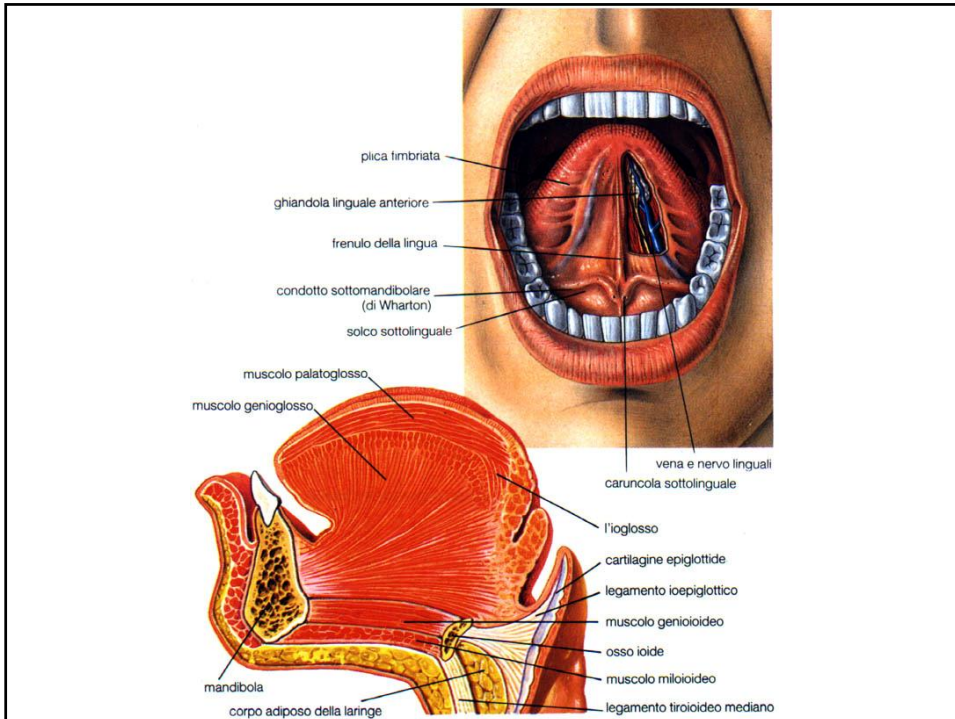
Intestinal surface area is enhanced by finger-like villi.

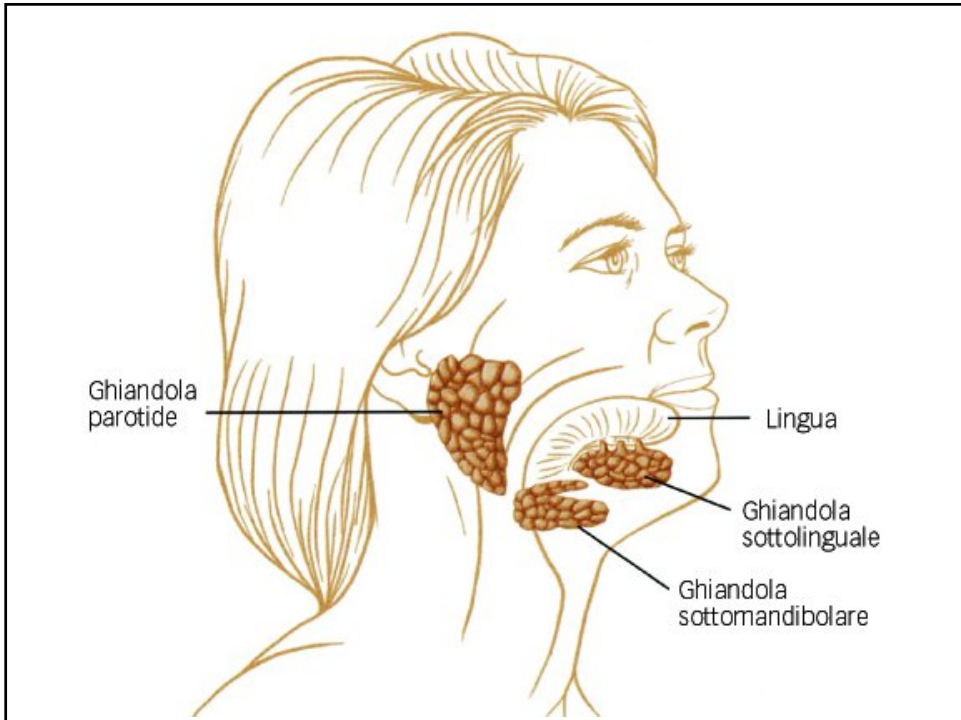
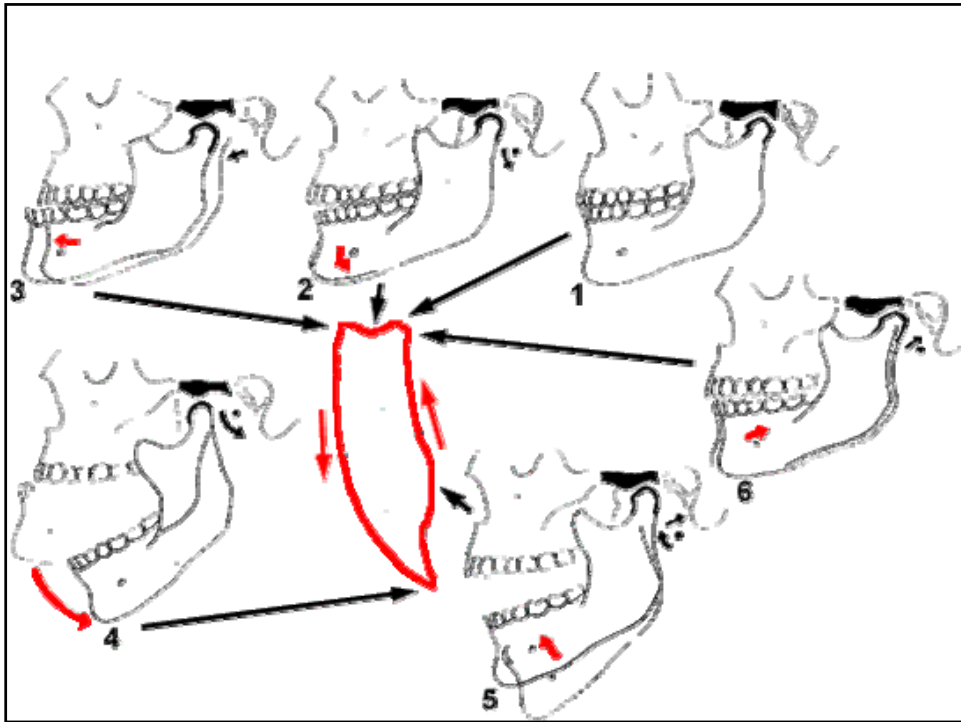


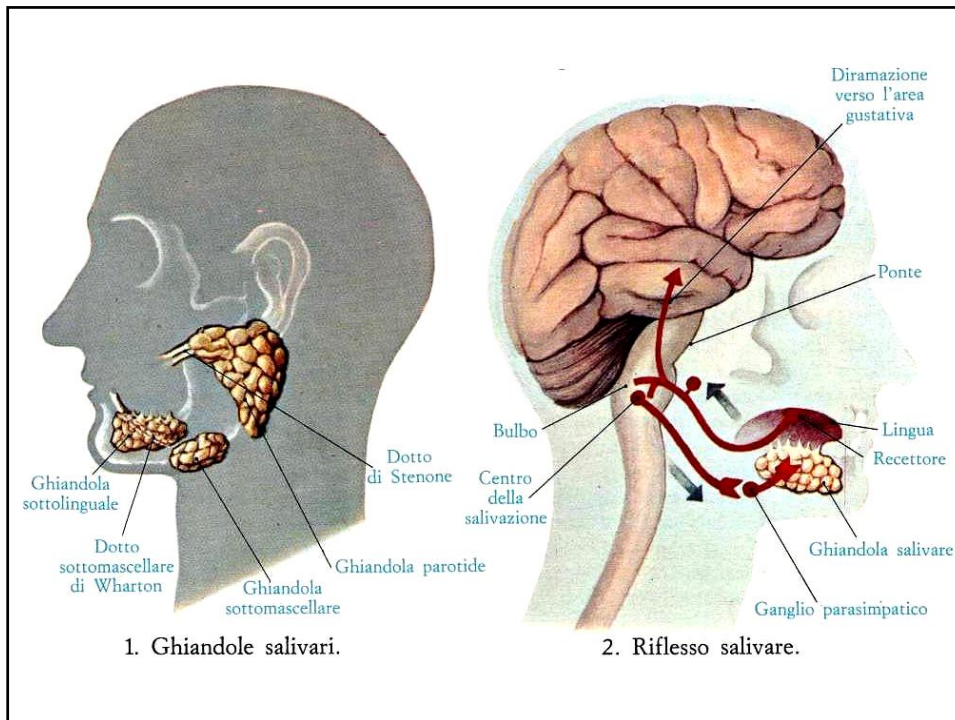






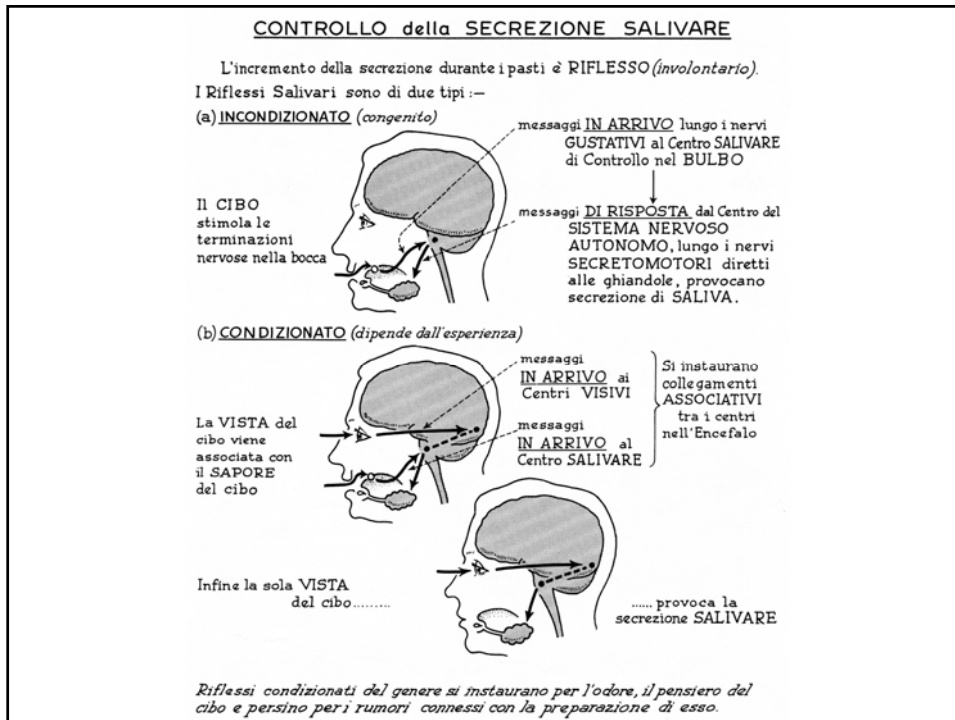


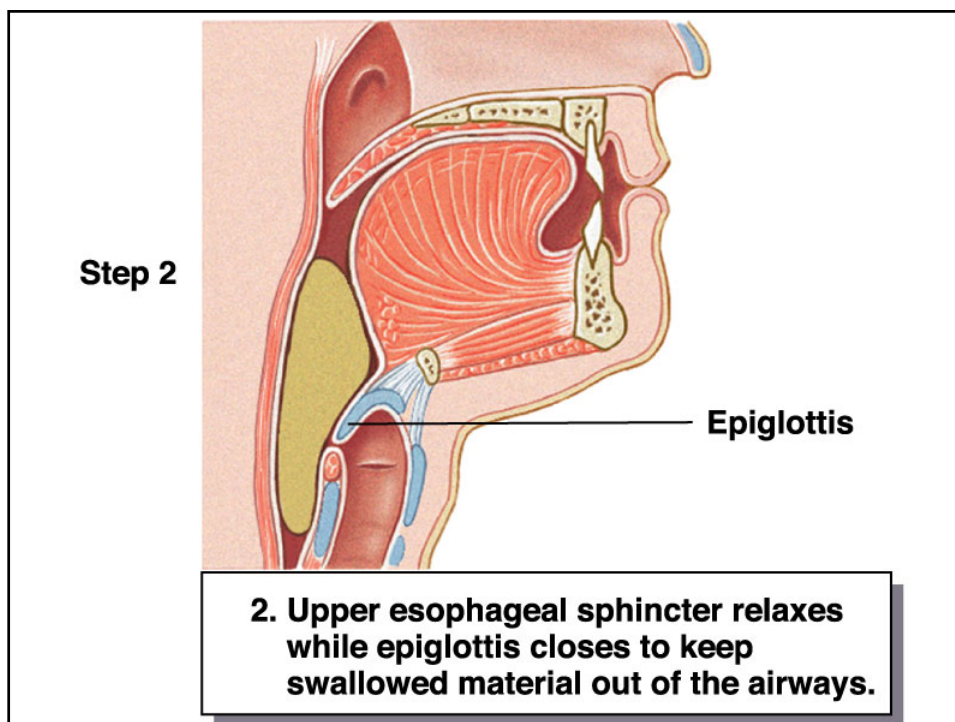
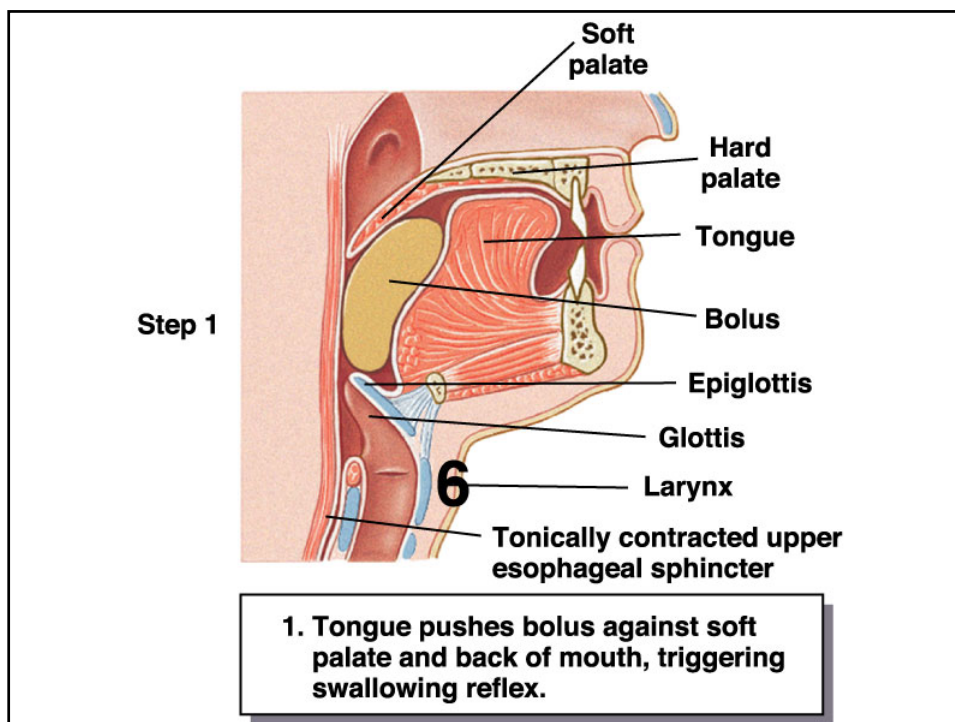


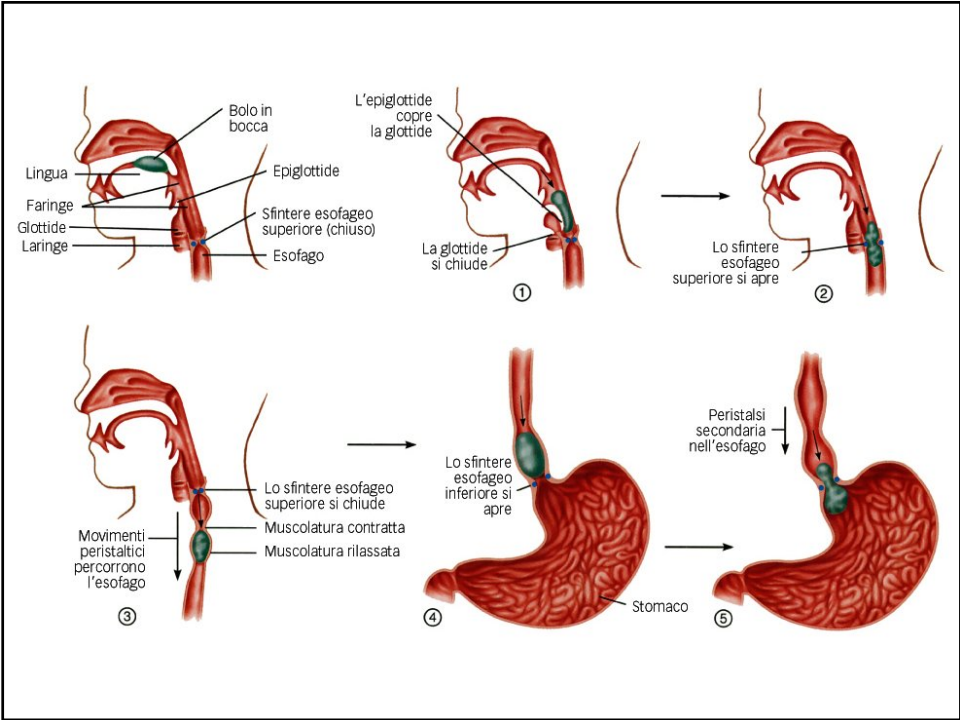
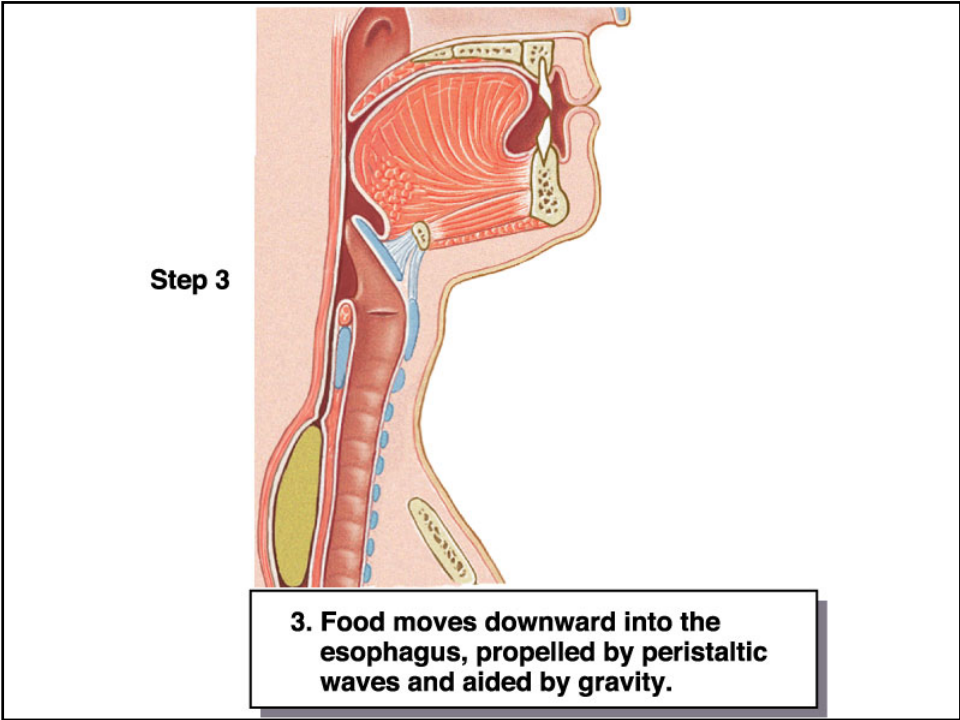


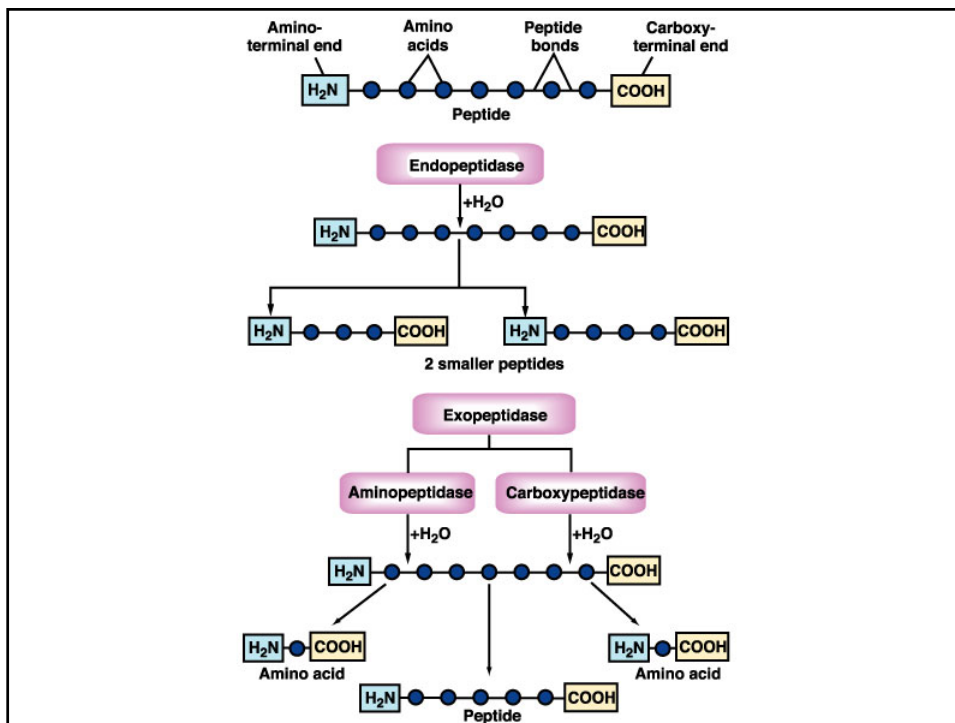
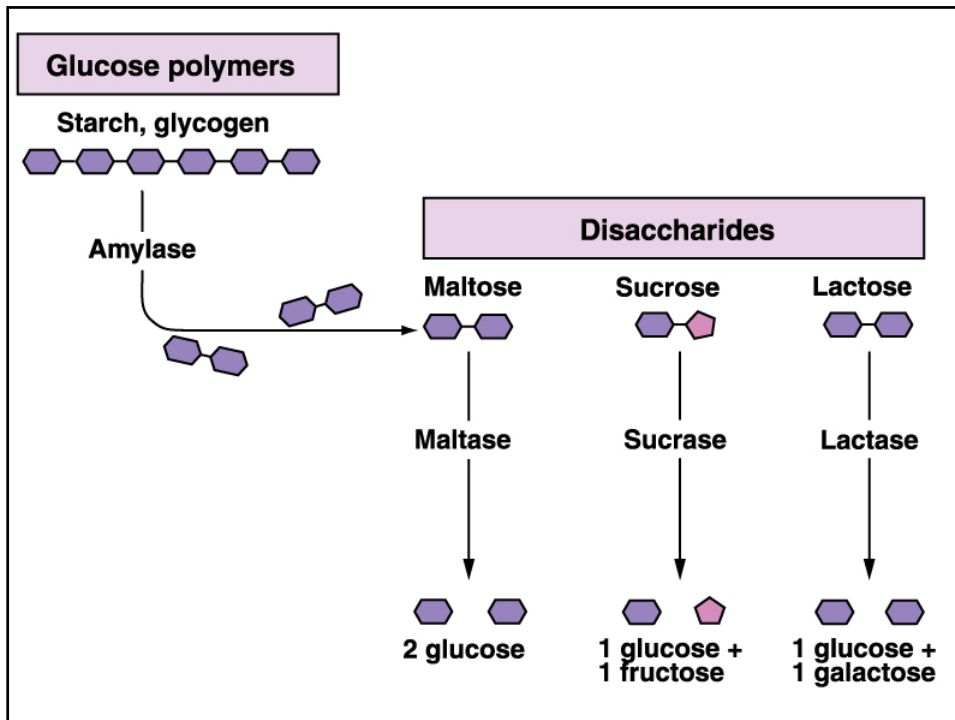
1. Ghiandole salivari.

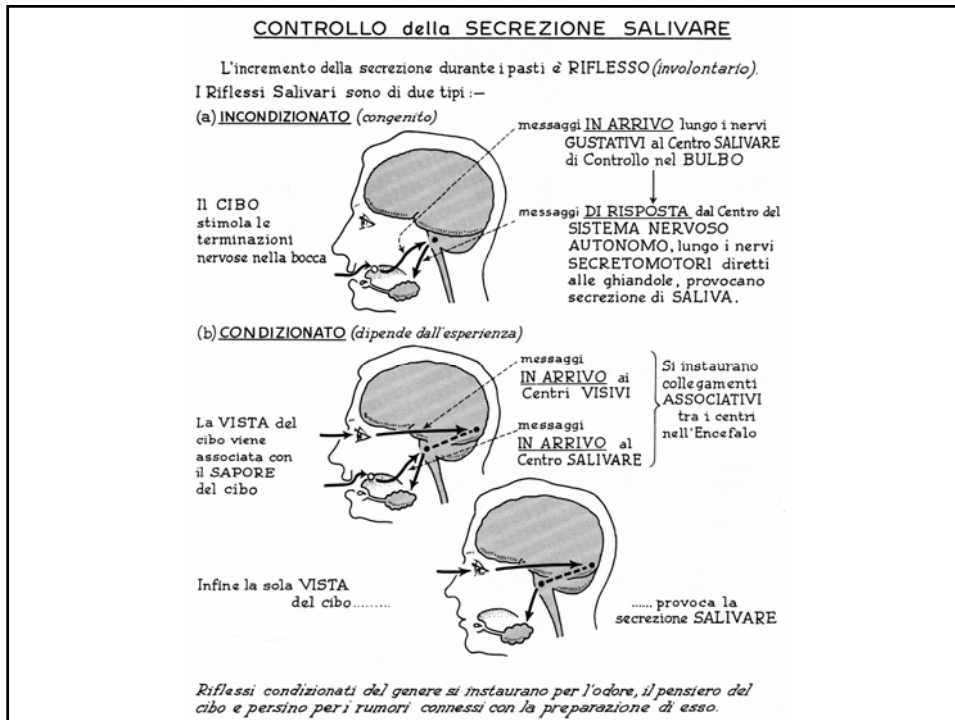
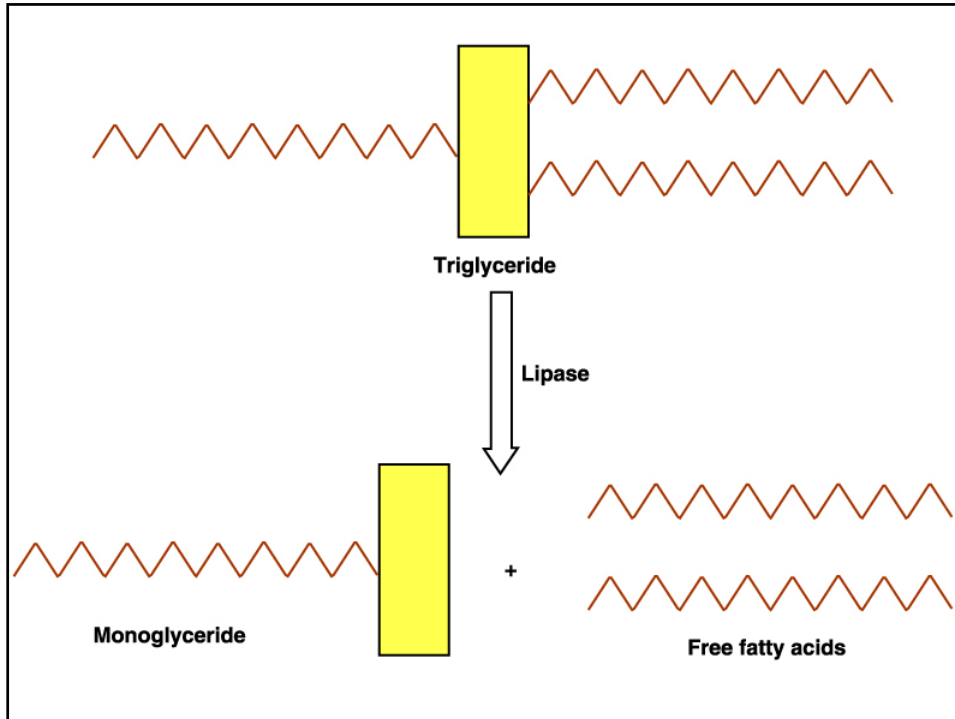
2. Riflesso salivare.











Source	Substance Secreted	Stimulus for Release	Function
Mucous neck cell	Mucus	Tonic secretion; increased with irritation of mucosa	Physical barrier between lumen and epithelium
	Bicarbonate	Secreted with mucus	Buffers gastric acid to prevent damage to epithelium
Parietal cells	Gastric acid (HCl)	Acetylcholine, gastrin, histamine	Activates pepsin; kills bacteria
	Intrinsic factor		Complexes with vitamin B ₁₂ to permit absorption
Enterochromaffin-like cell	Histamine	Acetylcholine, gastrin	Stimulates gastric acid secretion
Chief cells	Pepsin(ogen)	Acetylcholine, acid, secretin	Digests proteins
	Gastric lipase		Digests fats
D cells	Somatostatin	Acid in the stomach	Inhibits gastric acid secretion
G cells	Gastrin	Acetylcholine, peptides, and amino acids	Stimulates gastric acid secretion

Succo	Enzimi	Substrato	Prodotti finali
Saliva	Ptialina	Amido	Destrine maltosio
Succo gastrico	Pepsina	Proteine	Proteasi, peptoni
	Caglio	Caseino- geno	Caseina
Succo pancreatico	Tripsina	Proteine	Ammino- acidi
	Lipasi	Grassi	Ac. grassi, glicerina
	Amilasi	Amido	Maltosio
	Disacca- rasi	Disacca- ridi	Monosac- caridi
Succo enterico	Entero- chinasi	Tripsino- geno	Tripsina
	Peptidasi	Poli- peptidi	Ammino- acidi
	Amilasi	Amido	Maltosio
	Lipasi	Grassi	Ac. grassi, glicerina

