CEPHALIC PHASE
(sight, smell, taste, etc. of food)

Sensory stimulation → Hypothalamus → Medulla oblongata

GASTRIC PHASE
(food enters stomach)

Stimulation of stretch receptors and chemoreceptors (proteins + secretagogues) + gastroenteric reflex

Gastrin → Gastric juice → Gastric motility

Proteins and Secretagogues + Vagus Nerve (parasympathetic impulses)

Effect of symp impulses?

ENTEROCRININ

INTESTINAL JUICE -> INTESTINAL MOTILITY

INTESTINAL PHASE
(food enters duodenum)

Stimulation of stretch receptors and chemoreceptors (protein)

Enterogastrone + CCK-PZ

Secretin

? Acid chyme

? Undigested proteins and fat

KEY:
+ stimulate/facilitate
- inhibit