

# **The Language Of Medicine**

**11<sup>th</sup> edition**

**Davi-Ellen Chabner**

# Chapter 6

## Additional Suffixes and Digestive System Terminology

# Chapter Goals

- Define new suffixes and use them with digestive system combining forms.
- List and explain laboratory tests, clinical procedures, and abbreviations common to the digestive system.
- Apply your new knowledge to understanding medical terms in their proper context, such as medical reports and records.

# Chapter 6

## Lesson 6.1



# Suffixes

Suffix	Meaning
• <b>-ectasis, -ectasia</b>	_____
• <b>-emesis</b>	_____
• <b>-pepsia</b>	_____
• <b>-phagia</b>	_____
• <b>-plasty</b>	_____
• <b>-ptysis</b>	_____



# Suffixes

Suffix	Meaning
• <b>-ectasis, -ectasia</b>	dilation, widening
• <b>-emesis</b>	vomiting
• <b>-pepsia</b>	digestion
• <b>-phagia</b>	eating, swallowing
• <b>-plasty</b>	surgical repair
• <b>-ptysis</b>	spitting



# Suffixes (cont'd)

**Suffix**

**Meaning**

- **-rrhage, -rrhagia**
- **-rrhaphy**
- **-rrhea**
- **-spasm**
- **-stasis**
- **-stenosis**
- **-tresia**

---

---

---

---

---

---

---



## Suffixes (cont'd)

Suffix	Meaning
• <b>-rrhage, -rrhagia</b>	bursting forth (of blood)
• <b>-rrhaphy</b>	suture
• <b>-rrhea</b>	flow, discharge
• <b>-spasm</b>	involuntary contraction of muscles
• <b>-stasis</b>	stopping; controlling
• <b>-stenosis</b>	narrowing, tightening
• <b>-tresia</b>	opening





## Suffixes (cont'd)

- Suffixes that are also used alone as separate terms:
  - Emesis (emetic)
  - Lysis
  - Spasm
  - Stasis
  - Stenosis



## QUICK QUIZ:

- 1. Which term means difficulty in swallowing?**
- A. Dysphasia
  - B. Dysphagia
  - C. Dysplasia
  - D. Polyphagia





## QUICK QUIZ: (cont'd)

- 2. Which term means to control or stop bleeding?**
- A. Hemostasis
  - B. Hematoma
  - C. Hemoptysis
  - D. Cholestasis





# Combining Forms and Terminology

**Combining Form**

**Meaning**

• **bucc/o**

\_\_\_\_\_

• **cec/o**

\_\_\_\_\_

• **celi/o**

\_\_\_\_\_

• **cheil/o**

\_\_\_\_\_

• **chol/e**

\_\_\_\_\_

• **cholangi/o**

\_\_\_\_\_

• **cholecyst/o**

\_\_\_\_\_

• **choledoch/o**

\_\_\_\_\_



# Combining Forms and Terminology

## Combining Form

## Meaning

- **bucc/o** cheek
- **cec/o** cecum
- **celi/o** abdomen
- **cheil/o** lip
- **chol/e** gall, bile
- **cholangi/o** bile duct (vessel)
- **cholecyst/o** gallbladder
- **choledoch/o** common bile duct



# Combining Forms and Terminology (cont'd)

**Combining Form**

**Meaning**

• **col/o**

\_\_\_\_\_

• **colon/o**

\_\_\_\_\_

• **dent/i**

\_\_\_\_\_

• **duoden/o**

\_\_\_\_\_

• **enter/o**

\_\_\_\_\_

• **esophag/o**

\_\_\_\_\_

• **gastr/o**

\_\_\_\_\_

• **gingiv/o**

\_\_\_\_\_



# Combining Forms and Terminology (cont'd)

Combining Form	Meaning
• <b>col/o</b>	colon
• <b>colon/o</b>	colon
• <b>dent/i</b>	tooth
• <b>duoden/o</b>	duodenum
• <b>enter/o</b>	intestines
• <b>esophag/o</b>	esophagus
• <b>gastr/o</b>	stomach
• <b>gingiv/o</b>	gums



# Combining Forms and Terminology (cont'd)

**Combining Form**

**Meaning**

• **gloss/o**

\_\_\_\_\_

• **gluc/o**

\_\_\_\_\_

• **glyc/o**

\_\_\_\_\_

• **hepat/o**

\_\_\_\_\_

• **herni/o**

\_\_\_\_\_

• **ile/o**

\_\_\_\_\_

• **jejun/o**

\_\_\_\_\_

• **labi/o**

\_\_\_\_\_





# Combining Forms and Terminology (cont'd)

## Combining Form

## Meaning

- **gloss/o** tongue
- **gluc/o** sugar
- **glyc/o** sugar
- **hepat/o** liver
- **herni/o** hernia
- **ile/o** ileum
- **jejun/o** jejunum
- **labi/o** lip



# Combining Forms and Terminology (cont'd)

**Combining Form**

**Meaning**

• **lingu/o**

\_\_\_\_\_

• **lip/o**

\_\_\_\_\_

• **lith/o**

\_\_\_\_\_

• **odont/o**

\_\_\_\_\_

• **or/o**

\_\_\_\_\_

• **palat/o**

\_\_\_\_\_

• **pancreat/o**

\_\_\_\_\_



# Combining Forms and Terminology (cont'd)

## Combining Form

## Meaning

- **lingu/o** tongue
- **lip/o** fat
- **lith/o** stone
- **odont/o** tooth
- **or/o** mouth
- **palat/o** palate
- **pancreat/o** pancreas



# Combining Forms and Terminology (cont'd)

**Combining Form**

**Meaning**

• **proct/o**

\_\_\_\_\_

• **pylor/o**

\_\_\_\_\_

• **rect/o**

\_\_\_\_\_

• **sialaden/o**

\_\_\_\_\_

• **splen/o**

\_\_\_\_\_

• **steat/o**

\_\_\_\_\_

• **stomat/o**

\_\_\_\_\_



# Combining Forms and Terminology (cont'd)

## Combining Form

## Meaning

- **proct/o**           anus and rectum
- **pylor/o**           pyloric sphincter
- **rect/o**             rectum
- **sialaden/o**       salivary gland
- **splen/o**            spleen
- **steat/o**            fat
- **stomat/o**         mouth



## QUICK QUIZ:

**3. Which term means enlarged liver?**

- A. Acromegaly
- B. Cardiomegaly
- C. Hepatomegaly
- D. Hepatitis



# Laboratory Tests and Clinical Procedures

- **Laboratory tests**

- **Amylase and lipase tests:** tests for the levels of amylase and lipase enzymes in blood
- **Liver function tests (LFTs):** tests for enzymes and bilirubin in blood
- **Stool culture:** test for microorganisms in stool
- **Stool guaiac test or Hemoccult test:** test to detect blood in feces



## QUICK QUIZ:

- 4. Which of the following tests for the clear fluid that remains after blood has clotted (serum)?**
- A. Stool guaiac
  - B. Hemoccult
  - C. Stool culture
  - D. LFTs





# Laboratory Tests and Clinical Procedures

- **Clinical procedures**

- X-rays

- Lower gastrointestinal series (barium enema)
    - Upper gastrointestinal series
    - Cholangiography
    - Computed tomography (CT scan)

# Laboratory Tests and Clinical Procedures (cont'd)

- **Clinical procedures**
  - Ultrasound examination
    - Abdominal ultrasonography
    - Endoscopic ultrasonography (EUS)
  - Magnetic resonance
    - Magnetic resonance imaging (MRI)
  - Nuclear medicine test
    - Hepatobiliary iminodiacetic acid scan (HIDA scan)

# Laboratory Tests and Clinical Procedures (cont'd)

- ***Other procedures***

- **Gastric bypass or bariatric surgery:** reduces stomach size
- **Gastrointestinal endoscopy:** visual examination of the GI tract
- **Laparoscopy:** visual examination of the abdomen
- **Liver biopsy:** removal of liver tissue for microscopic examination
- **Nasogastric intubation:** insertion of a tube through the nose into the stomach
- **Paracentesis (abdominocentesis):** puncture to remove fluid from abdomen



## QUICK QUIZ:

- 5. Which procedure is a surgical puncture to remove fluid from the abdomen?**
- A. Laparoscopy
  - B. Laparotomy
  - C. Abdominectomy
  - D. Abdominocentesis





# Abbreviations

- AFP \_\_\_\_\_
- alk phos \_\_\_\_\_
- ALT, AST \_\_\_\_\_
- BE \_\_\_\_\_
- BM \_\_\_\_\_
- BRBPR \_\_\_\_\_
- CD \_\_\_\_\_
- CT \_\_\_\_\_
- EGD \_\_\_\_\_
- ERCP \_\_\_\_\_



# Abbreviations

- AFP Alpha-Fetoprotein--tumor marker for liver cancer
- alk phos Alkaline phosphatase
- ALT, AST Alanine transaminase, aspartate transaminase
- BE Barium enema
- BM Bowel movement
- BRBPR Bright red blood per rectum
- CD Celiac disease
- CT Computed tomography
- EGD Esophagogastroduodenoscopy
- ERCP Endoscopic retrograde cholangiopancreatography



# Abbreviations (cont'd)

- EUS \_\_\_\_\_
- FOBT \_\_\_\_\_
- G-tube \_\_\_\_\_
- GB \_\_\_\_\_
- GERD \_\_\_\_\_
- GI \_\_\_\_\_
- HBV \_\_\_\_\_
- IBD \_\_\_\_\_
- J-tube \_\_\_\_\_
- LAC \_\_\_\_\_
- LFTs \_\_\_\_\_



## Abbreviations (cont'd)

- EUS Endoscopic ultrasonography
- FOBT Fecal occult blood test
- G-tube gastrostomy tube – feeding tube
- GB Gallbladder
- GERD Gastroesophageal reflux disease
- GI Gastrointestinal
- HBV Hepatitis B virus
- IBD Inflammatory bowel disease
- J-tube jejuostomy tube; feeding tube
- LAC Laparoscopic-assisted colectomy
- LFTs Liver function tests





# Abbreviations (cont'd)

- MRI \_\_\_\_\_
- NASH \_\_\_\_\_
- NG tube \_\_\_\_\_
- NPO \_\_\_\_\_
- PEG tube \_\_\_\_\_
- PEJ tube \_\_\_\_\_
- PTHC \_\_\_\_\_
- PUD \_\_\_\_\_
- TPN \_\_\_\_\_
- T tube \_\_\_\_\_



## Abbreviations (cont'd)

- MRI                      Magnetic resonance imaging
- NASH                     non-alcoholic streatohepatitis
- NG tube                 Nasogastric tube
- NPO                      Nothing by mouth
- PEG tube                Percutaneous endoscopic gastrostomy tube
- PEJ tube                Percutaneous endoscopic jejunostomy tube
- PTHC                    Percutaneous transhepatic cholangiography
- PUD                      Peptic ulcer disease
- TPN                      Total parenteral nutrition
- T tube                    Tube placed in the bile duct for drainage into a small pouch on the outside of the body



# Review Suffixes

-ase

---

-centesis

---

-chezia

---

-ectasia

---

-ectasis

---

-ectomy

---

-emesis

---

-emia

---

-genesis

---



## Review Suffixes (cont'd)

- -ase enzyme
- -centesis surgical puncture to remove fluid
- -chezia defecation; elimination of wastes
- -ectasia stretching; dilation; expansion
- -ectasis stretching; dilation; expansion
- -ectomy removal; excision; resection
- -emesis vomiting
- -emia blood condition
- -genesis producing; forming



# Review Suffixes (cont'd)

-graphy

---

-iasis

---

-lysis

---

-megaly

---

-orexia

---

-pathy

---

-pepsia

---

-phagia

---



## Review Suffixes (cont'd)

- -graphy                      process of recording
- -iasis                         abnormal condition
- -lysis                         breakdown; separation;  
                                      destruction; loosening
- -megaly                       enlargement
- -orexia                        appetite
- -pathy                         disease; emotion
- -pepsia                        digestion
- -phagia                        eating; swallowing



# Review Suffixes (cont'd)

-prandial

---

-plasty

---

-ptosis

---

-ptysis

---

-rrhage

---

-rrhagia

---

-rrhaphy

---

-rrhea

---



## Review Suffixes (cont'd)

- -prandial                      meal
- -plasty                        surgical repair
- -ptosis                        droop; sag; prolapse; fall
- -ptysis                        spitting
- -rrhage                        bursting forth (of blood)
- -rrhagia                        bursting forth (of blood)
- -rrhaphy                        suture
- -rrhea                         flow; discharge





# Review Suffixes (cont'd)

-scopy

---

-spasm

---

-stasis

---

-stenosis

---

-stomy

---

-tomy

---

-tresia

---



## Review Suffixes (cont'd)

- -scopy visual examination
- -spasm sudden contraction of muscles
- -stasis stop; control; place
- -stenosis tightening; stricture
- -stomy new opening (to form a mouth)
- -tomy process of cutting
- -tresia opening