

Chapter 5



Medical Specialists and Case Reports

Learning Objectives

- Describe the training process of physicians.
- Identify medical specialists and describe their specialties.

Learning Objectives

(cont'd.)

- Identify combining forms used in terms that describe specialists.
- Decipher medical terminology as written in case reports.



Chapter 5

Lesson 5.1

Examples of Residency Programs

Residency Programs

- Anesthesiology
- Dermatology
- Emergency Medicine
- Family Practice

Definition

- Administration of agents capable of bringing about a loss of sensation
- Diagnosis and treatment of skin orders
- Care of patients that requires sudden and immediate action
- Primary care of all members of the family on a continuing basis

Examples of Residency Programs (cont'd.)

Residency Programs

- Internal medicine
- Ophthalmology
- Pathology
- Pediatrics

Definition

- Diagnosis of disorders and treatment with drugs
- Diagnosis and treatment of eye disorders
- Diagnosis of the cause and nature of disease
- Diagnosis and treatment of children's disorders

Medical Specialists



- Allergist
- Cardiologist
- Geriatrician
- Oncologist
- Pathologist
- Radiation oncologist
- Urologist

Medical Specialties Defined

Specialist

- allergist
- cardiologist
- geriatrician
- oncologist

Description

Treatment of hyper-sensitivity reactions

Treatment of heart disease

Treatment of diseases of old age

Diagnosis and medical treatment of malignant and benign tumors

Medical Specialties Defined (cont.)

Specialist

- pathologist
- radiation oncologist
- urologist

Description

Diagnosis of disease by analysis of cells

Treatment of disease with high-energy radiation

Treatment and surgery on the urinary tract and male reproductive system

Combining Forms and Vocabulary

Combining Form	Meaning	Medical Term
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□ cardi/o	heart	<u>cardi</u> omegaly
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□ col/o	colon	<u>col</u> ostomy
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□ enter/o	intestines	<u>enter</u> itis
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□ iatr/o	treatment	<u>iatr</u> ogenic
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□ neur/o	nerve	<u>neur</u> algia
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Combining Forms and Vocabulary (cont'd.)

Combining Form	Meaning	Medical Term
ped/o	child	<u>p</u> ediatrics
rect/o	rectum	<u>r</u> ectocele
thorac/o	chest	<u>t</u> horacotomy
ur/o	urinary tract	<u>u</u> rology
vascul/o	blood vessels	<u>v</u> asculitis

Medical Terms per Specialty

Cardiology

- angina
- anticoagulant
- diuretic
- hypertension
- ischemia
- antiarrhythmic

Gynecology

- dysmenorrhea
- hysterectomy
- leiomyomas
- menorrhagia
- sonogram
- fibroids

Medical Terms per Specialty (cont'd.)

Orthopedics

- callus
- femur
- fibula
- fixation
- fracture

Radiology

- anterior
- infiltrate
- lateral
- mediastinal
- posterior

Pronunciation of Terms

Term

anesthesiology

colostomy

enteritis

gastroscopy

hematologist

iatrogenic

otitis

rectocele

vasculitis

Pronunciation

an-es-the-ze-**OL**-o-je

ko-**LOS**-to-me

en-the-**RI**-tis

gas-**TROS**-ko-pe

he-mah-**TOL**-o-jist

i-ah-tro-**JEN**-ik

o-**TI**-tis

REK-to-sel

vas-ku-**LI**-tis