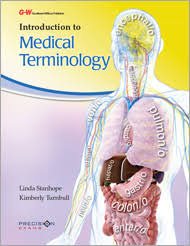
MEDICAL TERMINOLOGY NOTES

2020-2021

****

Access the online textbook:

* + www.g-wonlinetextbooks.com
    - Login: fisd62
    - Password: imt17
      * “go to my textbooks/bookshelf”

**Attach course guide here:**

**CHAPTER 1: THE BASICS AND THE BODY**

Word Parts (define all prefixes, suffixes, and root words):

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| **Word Part** | **Definition** | **Word Part** | **Definition** |
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**CHAPTER 1: THE BASICS AND THE BODY**

Additional notes (class rules, etc.)

**CHAPTER 1: THE BASICS AND THE BODY**

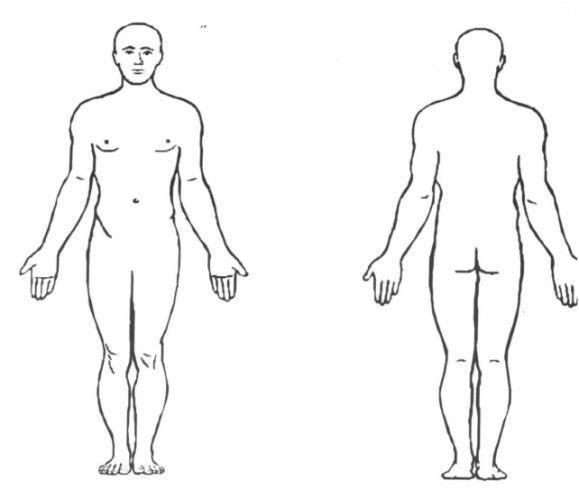
Anatomy-

Physiology-

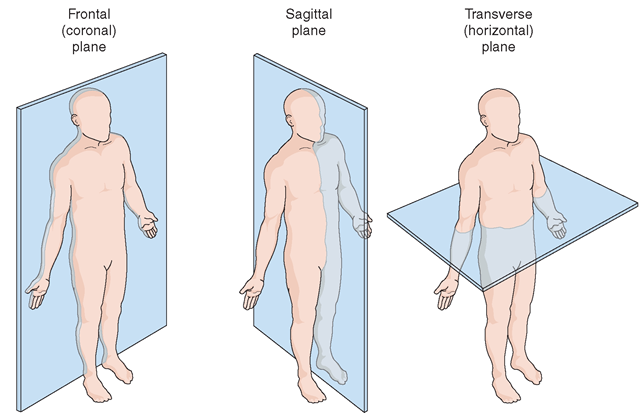
Body Planes-

Body Directions-

Anatomical Position (also known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_position):



Body Planes (define- what does each plane divide the body into?)

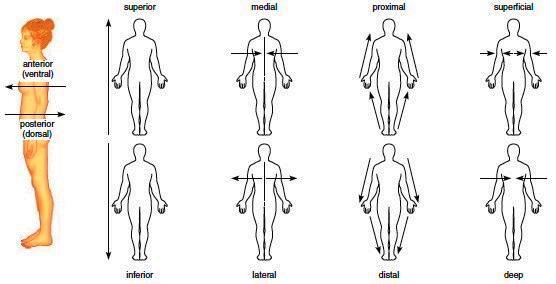
* Sagittal-
  + Midsagittal-
* Frontal/Coronal-
* Transverse-

**CHAPTER 1: THE BASICS AND THE BODY**

Body Directions (define)

* Ventral-
* Dorsal-
* Anterior-
* Posterior-
* Superior-
* Inferior-
* Medial-
* Lateral-
* Proximal-
* Distal-

* Caudal-
* Cephalic-



**CHAPTER 1: THE BASICS AND THE BODY**

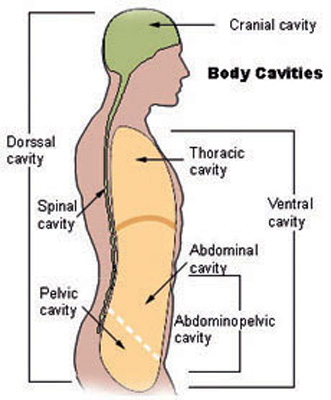
Body Cavities (describe each and list organs they may contain)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Cavities:

* Cranial-
* Spinal-

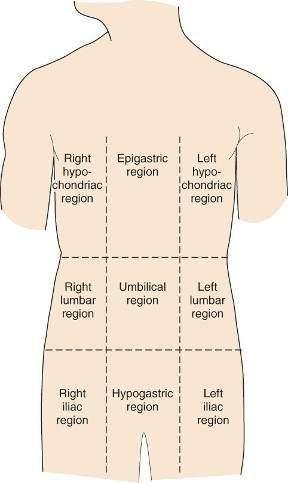
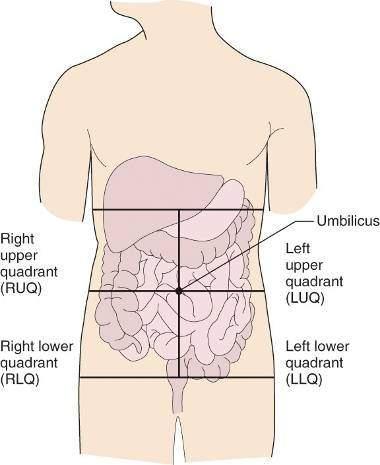
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Cavities:

* Thoracic-
* Abdominal-
* Pelvis-



**CHAPTER 1: THE BASICS AND THE BODY**

Abdominal Quadrants (know the abbreviations for each) and Abdominal Regions



Body Organization

* Cell
* Tissue
* Organ
* Body System
* Organism

**CHAPTER 1: THE BASICS AND THE BODY**

The Body Systems (describe the function and parts of each)

* Integumentary
* Digestive
* Lymphatic or\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Muscular
* Skeletal
* Cardiovascular or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Respiratory
* Urinary or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Nervous
* Reproductive

**CHAPTER 1: THE BASICS AND THE BODY**

Patient Positions (Label each and describe what it may be used for): 



**CHAPTER 1: THE BASICS AND THE BODY**

Descriptive Vocabulary for Diseases/Conditions & Assessments

* Acute
* Autoimmune
* Benign
* Chronic
* Congenital
* Convalescence
* Debilitating
* Endemic
* Endogenous
* Epidemic
* Exogenous
* Genetic
* Hypersensitivity
* Idiopathic

**CHAPTER 1: THE BASICS AND THE BODY**

* Immunological
* Infectious
* Inflammatory
* Ischemic
* Malignant
* Metabolic
* Neoplastic
* Nosocomial
* Nutritional
* Opportunistic
* Syndrome
* Terminal
* Iatrogenic
* Inspection

**CHAPTER 1: THE BASICS AND THE BODY**

* Auscultation
* Signs
* Symptoms
* Palpation
* Percussion
* Olfaction
* Manifestation
* Observation
* Diagnosis
* Prognosis

**Chapter 1: Additional Notes**

**CHAPTER 2: SKELETAL SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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**Chapter 2: Skeletal System**

Functions

Parts of the Skeletal System

* Bones:
* Joints:
* Ligaments:
* Cartilage

Anatomic landmark of bones

* Diaphysis
* Epiphysis
* proximal epiphysis
* distal epiphysis
* foramen
* process

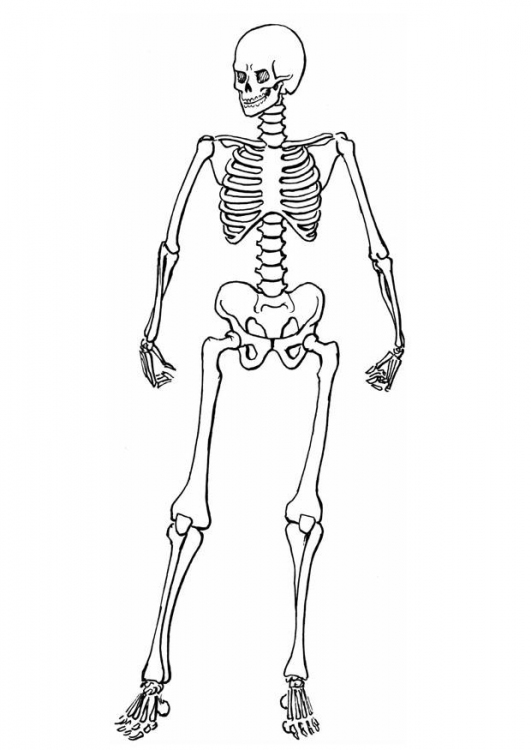
Label the Bones of the Skeleton

cranium vertebrae femur phalanges ulna sacrum

scapula sternum tibia humerus ribs coccyx

patella carpals tarsals fibula radius calcaneus

pelvis metacarpals metatarsals maxilla mandible



**Chapter 2: Skeletal System**

List the bones of the Axial Skeleton:

List the bones of the Appendicular Skeleton:

Describe and give examples of each of the bone types:

* Flat
* Irregular
* Sesamoid
* Long
* Short

Define/Describe skeletal system injuries:

* Sprain
* Dislocation
* Fracture

Describe the types of fractures (document in your journal notes if needed and draw a picture of each)

* Simple
* Compound
* Colles
* Comminuted
* Longitudinal
* Oblique
* Greenstick
* Spiral
* Stress
* Pathological
* Transverse

**CHAPTER 2: SKELETAL SYSTEM DISEASES/PROCEDURES/DRUGS**

Define/Describe each disease

* Kyphosis
* Lordosis
* Scoliosis
* Spina Bifida
* Osteoporosis
* Sprain
* Fracture

Define/Describe each procedure

* amputation
* cast
* bone grafting
* ORIF
* prosthesis
* CRIF
* lumbar puncture
* X-ray

**CHAPTER 2: SKELETAL SYSTEM DISEASES/PROCEDURES/DRUGS**

Define/Describe each therapeutic drug

* analgesic
* anti-inflammatory
* antipyretic
* narcotic
* NSAID

Describe chapter 2 skeletal careers

List the medical name for each of the bone’s common name:

* Shin:
* Heel:
* Funny bone:
* Fingers and toes:
* Breast bone:
* Collar bone

Additional chapter 2 notes:

**CHAPTER 3: MUSCULAR SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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**CHAPTER 3: MUSCULAR SYSTEM**

Functions

Structures

Muscles:

Tendons:

Muscle Tissue Types

Skeletal Muscle:

Smooth Muscle:

Cardiac Muscle:

Muscle Tissue Properties:

Automaticity -

Contractility -

Elasticity -

Excitability -

Extensibility -

**CHAPTER 3: MUSCULAR SYSTEM**

Origin -

Insertion -

What’s the Difference?

Strain -

Sprain -

Diseases and Conditions

Adhesion -

Atrophy -

Contracture -

Hypotonia -

Muscular Dystrophy -

Tetany -

Spasm -

Rigor (rigidity) -

Tremor -

**CHAPTER 3: MUSCULAR SYSTEM**

Therapeutic Drug Treatments \*(only write new drugs)  
Antispasmodic -

Analgesic

Antipyretic

Anti-inflammatory

Narcotic

Nonsteroidal Anti-inflammatory Drug(NSAID)

Directional Movements

Abduction -

Adduction -

Inversion -

Eversion -

Hyperextension -

Dorsiflexion -

Plantar Flexion -

**CHAPTER 3: MUSCULAR SYSTEM**

Elevation -

Depression -

Flexion -

Extension -

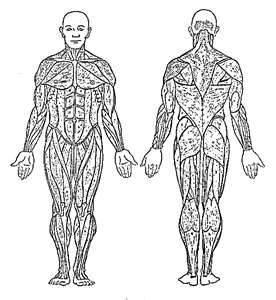
Rotation -

Pronation -

Supination -

Circumduction -

Label the Muscles (page 63 in your textbook)



**CHAPTER 3: MUSCULAR SYSTEM**

\*Muscle Functions: Define/Describe the muscle functions in your notes from the chart on page 68 in your textbook

Muscle Location Primary Functions

frontalis

trapezius

deltoid

pectoralis major

triceps brachii

biceps brachii

latissimus dorsi

abdominal muscles

gluteus medius

gluteus maximus

sartorius

biceps femoris (hamstring)

rectus femoris (quadricep)

gastrocnemius

tibialis anterior

Define/describe chapter 3 careers

Additional notes

**CHAPTER 4: INTEGUMENTARY SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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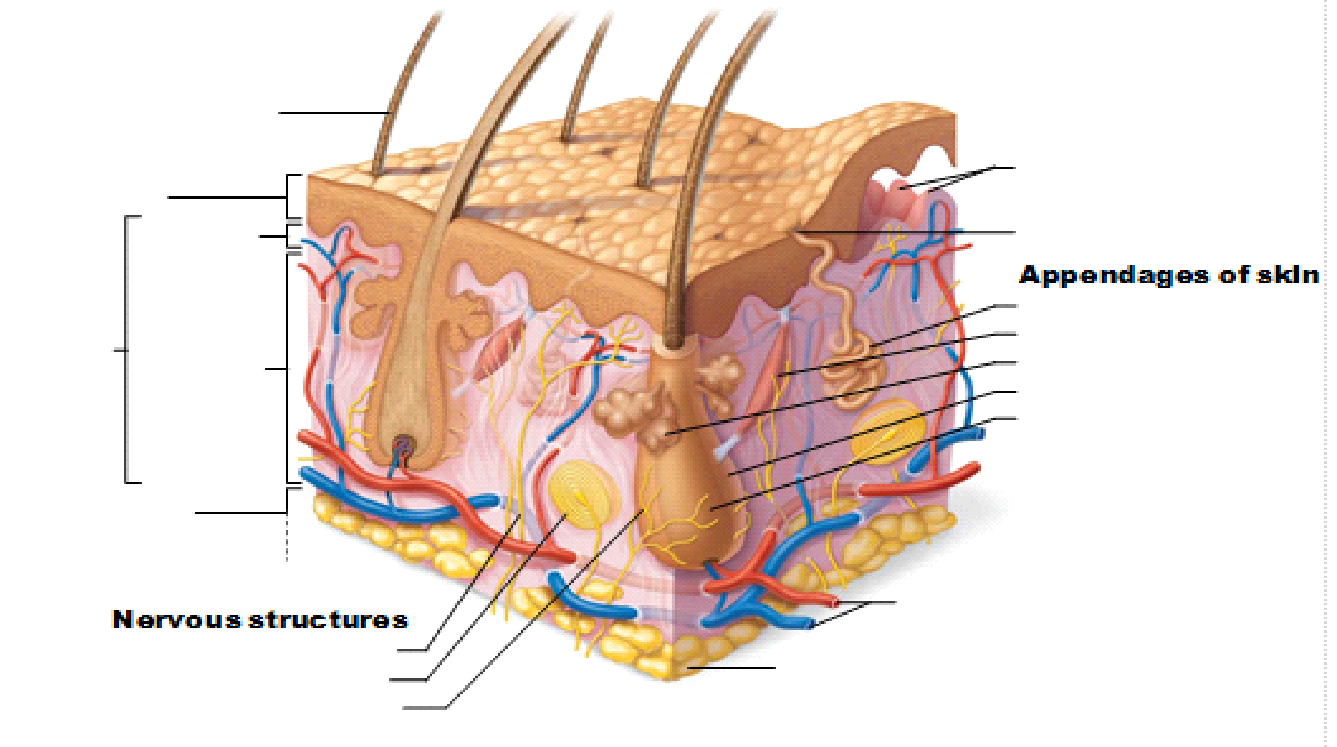
**CHAPTER 4: INTEGUMENTARY SYSTEM**

Functions of the Skin



Layers of the Skin (using your textbook fill in the blanks & label the diagram below)

* Epidermis
* Dermis
* Subcutaneous



**CHAPTER 4: INTEGUMENTARY SYSTEM**

Accessory Organs

* Glands
* Hair
* Nails

Diseases and Conditions

* Burns:
  + First Degree -
  + Second Degree -
  + Third Degree -
* Acne –
* Albinism –
* Alopecia –
* Cicatrix –
* Cyanosis –
* Ecchymosis –
* Eczema –
* Gangrene –
* Keloid –
* Impetigo –

**CHAPTER 4: INTEGUMENTARY SYSTEM**

* Cancerous Lesions:
  + Basal Cell Carcinoma –
  + Kaposi’s Sarcoma –
  + Malignant Melanoma –
    - ABCDE Rule –
  + Squamous Cell Carcinoma –
* Non-cancerous Lesions:
  + Cyst –
  + Nevus –
  + Nodule –
  + Papule –
  + Polyp –
  + Pustule –
  + Ulcer –

Skin Conditions (continued)

* Psoriasis –
* Purpura –
* Scabies –
* Scleroderma –
* Tinea –
* Urticaria –
* Varicose veins –
* Vitiligo –
* Wart –

**CHAPTER 4: INTEGUMENTARY TESTS, PROCEDURES AND THERAPIES**

(Describe each & list other names/”also called”)

* Allergy Skin Tests
  + Scratch Test –
  + Intradermal Skin Test –
* Biopsy
  + Excisional biopsy -
  + Incisional biopsy -
  + Exfoliative cytology -
  + Needle biopsy -
  + Punch biopsy -
* Autograft -
* Blepharoplasty –
* Cauterization –
* Cryosurgery –
* Debridement -
* Dermabrasion –
* I & D -
* Lipectomy –
* Liposuction –
* Mohs Surgery –
* Sclerotherapy –

**CHAPTER 4: INTEGUMENTARY PROCEDURES AND THERAPIES**

Therapeutic Drugs (description, examples, what does it treat?)

* Anesthetic –
* Antibiotic –
* Antifungal –
* Antipruritic -
* Antiviral –
* Biologic -
* Corticosteroid –
* Immunosuppressant –

Chapter Careers (describe each)

Additional Notes:

**CHAPTER 5: THE BLOOD, LYMPHATIC & IMMUNE SYSTEMS**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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**CHAPTER 5: THE BLOOD, LYMPHATIC & IMMUNE SYSTEMS**

Blood

Function(s):

Structure/Parts of the Blood (list medical name of each blood cell, the abbreviation, and its function)

Blood Cells-

|  |  |  |  |
| --- | --- | --- | --- |
| **Blood Cell** | **Abbreviation** | **Medical Name** | **Function** |
| Red Blood Cell |  |  |  |
| White Blood Cell |  |  |  |
| Platelet |  |  |  |

Plasma-

Lymphatic/Immune Systems

Functions:

**CHAPTER 5: THE BLOOD, LYMPHATIC & IMMUNE SYSTEMS**

Lymphatic Structures (describe each, other names they are called, and their function)

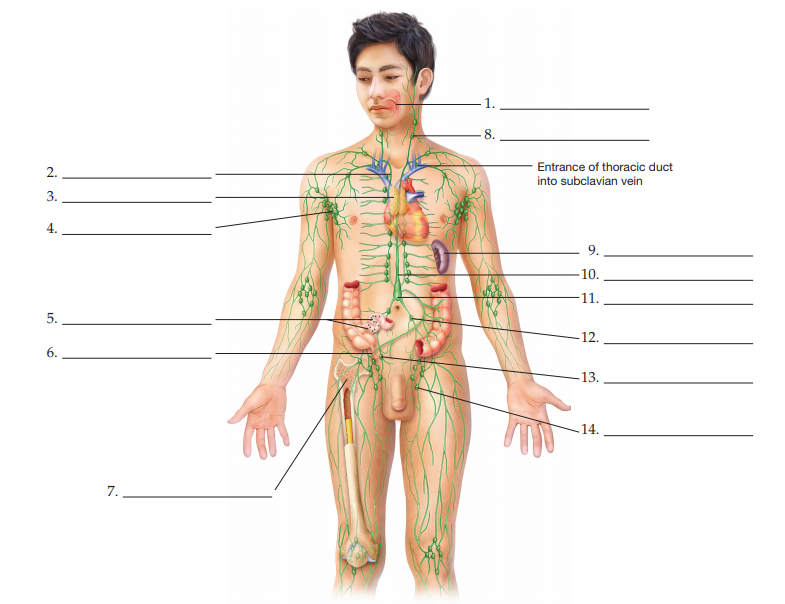
* Lymph
* Lymph vessels
* Lymph nodes
* Tonsil
* Thymus
* Spleen
* Liver

Immune System Structures

* T Cells (list the types)
* B Cells (describe)

**CHAPTER 5: THE BLOOD, LYMPHATIC & IMMUNE SYSTEMS**

Define

* Immunity
* Natural Immunity
* Acquired Immunity
* Acquired Active Immunity (list examples)
* Acquired Passive Immunity

**CHAPTER 5: THE BLOOD, LYMPHATIC & IMMUNE PROCEDURES AND THERAPIES**

*Describe each & list other names/”also called”*

Classifications of Diseases and Conditions (pg. 129-131)

* Acute
* Chronic
* Congenital
* Endemic
* Epidemic
* Genetic
* Ischemic
* Nosocomial
* Terminal

Tests/Procedures (pg. 132-133)

* Apheresis
* Coagulation Test
* Complete Blood Count (CBC)
* Crossmatching
* Red Blood Cell Morphology
* Serology Test

**CHAPTER 5: THE BLOOD, LYMPHATIC & IMMUNE PROCEDURES AND THERAPIES**

Surgical Procedures/Therapeutics (description, examples, what does it treat?) (pg. 134-136)

* Antibiotic
* Antifungal
* Antiviral
* Corticosteroid
* Cytotoxic Drug
* Immunosuppressant

Describe chapter careers:

**CHAPTER 6: CARDIOVASCULAR SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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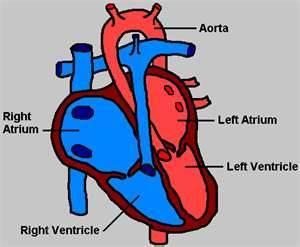
**CHAPTER 6: CARDIOVASCULAR SYSTEM**

Functions of the cardiovascular system:

The 3 major structures of the Cardiovascular System (list):

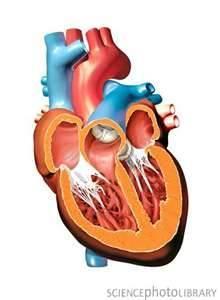
**Chambers of the Heart**

\*Be able to label (know location of each)



What is the aorta? (**hint**: type of structure/function…what is special about it)

**Muscular Layers of the Heart (label the diagram)**



**CHAPTER 6: CARDIOVASCULAR SYSTEM**

Describe the heart (first) and its parts:

* epicardium
* myocardium
* endocardium
* chambers of the heart (list)
* List the four valves of the heart

Define

* circulation:
  + pulmonary
  + systemic:

**List the pathway as blood flows through the heart:**

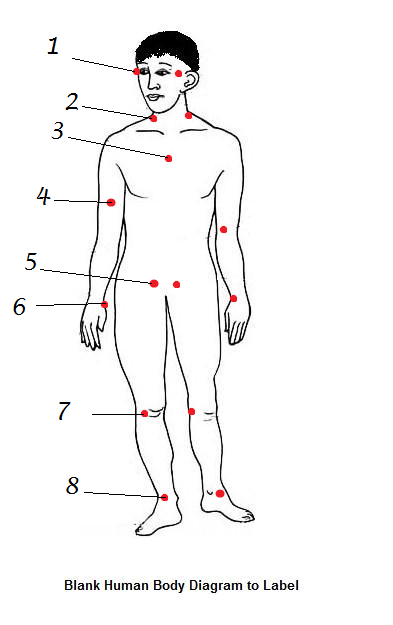
**CHAPTER 6: CARDIOVASCULAR SYSTEM**

* conduction:
* blood pressure:
  + systolic BP:
  + diastolic BP:
  + sphygmomanometer:

Define chapter careers:

**CHAPTER 6: CARDIOVASCULAR SYSTEM**

Label the Pulse Points



Pulse:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Which Pulse point is used to take blood pressure:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Which pulse point requires a stethoscope:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Most common pulse point:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**CHAPTER 6: CARDIOVASCULAR SYSTEM PROCEDURES AND THERAPIES**

(Describe each & list other names/”also called”)

Classifications of Diseases and Conditions (pg. 154-158)

* Aneurysm
* Angina
* Cardiac Tamponade
* Congestive Heart Failure (CHF)
* Coronary Artery Disease (CAD)
* Atherosclerosis
* Arrhythmia
* Bradycardia
* Tachycardia
* Shock
* Embolus
* Thrombus
* Heart Murmur
* Hypertension
* Hypotension

**CHAPTER 6: CARDIOVASCULAR SYSTEM PROCEDURES AND THERAPIES**

* Diagnostic Tests/Procedures (pg. 159-161)
* Angiogram
* Cardiac Catheterization
* Auscultation
* Holter Monitor
* Stress Test

Surgical Procedures/Therapeutics (description, examples, what does it treat?) (pg. 161-166)

* Cardioversion
* Defibrillation
* Pacemaker
* Heart Transplant
* Angiotensin-Converting (ACE) Inhibitor
* Antianginal
* Anticoagulant
* Antihypertensive
* Antiarrhythmic
* Beta Blocker
* Calcium Channel Blocker
* Diuretic
* Hypolipidemic
* Thrombolytic
* Vasoconstrictor
* Vasodilator

**CHAPTER 6: CARDIOVASCULAR SYSTEM**

**DRAW THE HEART**

1. Draw the heart below labeling the following structures:

Bicuspid Valve Ventricles ( right & left) Pulmonary veins Pericardium

Aortic valve Atria (right & left) Pulmonary arteries Myocardium

Septum Vena Cava (superior & inferior) Ascending Aorta Descending Aorta

Endocardium AV node SA node Tricuspid valve

Pulmonary valve

1. Show blood flow through the heart with **BLUE** arrows for deoxygenated blood and **RED** arrows for oxygenated blood.

**CHAPTER 7: RESPIRATORY SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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| **Word Part** | **Definition** | **Word Part** | **Definition** |
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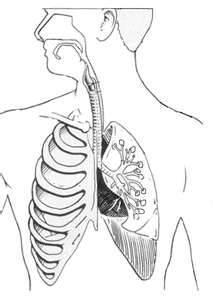
**CHAPTER 7: RESPIRATORY SYSTEM**

**Label the following structures (listed below) of the Respiratory System:**

Nasal cavity Mouth Pharynx Lung

Lung Bronchi Alveoli Diaphragm

Larynx Trachea



**CHAPTER 7: RESPIRATORY SYSTEM**

List the common name for each of the following:

trachea\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

pharynx\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

larynx\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What are the functions of the Respiratory System?

Describe the structures of the respiratory system

* Mouth/Nose (nasal/oral cavity)
* Pharynx
* Larynx
* Trachea
* Epiglottis
* Bronchi
* Lungs
* Alveoli
* Diaphragm

**CHAPTER 7: RESPIRATORY SYSTEM**

Define

* inspiration
* expiration
* respiration
  + internal
  + external
* ventilation

(Describe each & list other names/”also called”)

* Cheyne-Stokes Respiration -
* Hyperventilation -
* Orthopnea -
* Aspiration -
* Sputum -
* Sleep Apnea -
* Pleural Effusion -
* Chronic Obstructive Pulmonary Disease -
* Emphysema –

**CHAPTER 7: RESPIRATORY SYSTEM DISEASES/CONDITIONS,**

PROCEDURES & TREATMENTS

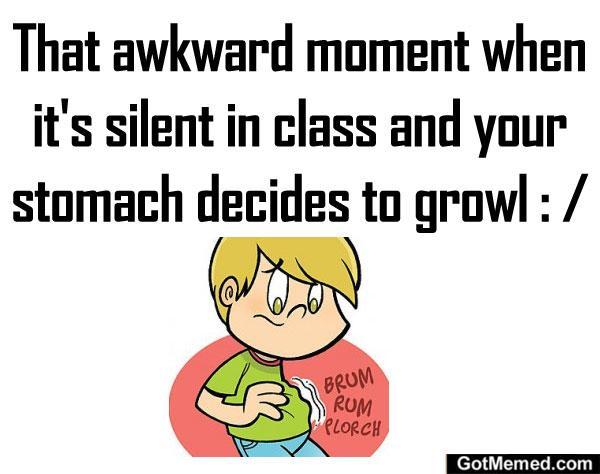
* Chronic Bronchitis -
* Common Cold -
* Croup -
* Asthma -
* Influenza -
* Pneumonia -
* Cystic Fibrosis -
* Pulmonary Embolism -
* Tuberculosis -

Describe/define chapter 7 therapeutic drugs

Define/describe chapter 7 careers

Additional Notes





**CHAPTER 8: DIGESTIVE SYSTEM**

Functions of the Digestive System

**CHAPTER 8: DIGESTIVE SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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| **Word Part** | **Definition** | **Word Part** | **Definition** |
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**CHAPTER 8: DIGESTIVE SYSTEM**

Parts of the Digestive System

Oral Cavity

Mouth-

Teeth-

Tongue-

Salivary Glands-

Pharynx -

Esophagus –

Stomach –

Small Intestine –

Large Intestine (Colon) -

**CHAPTER 8: DIGESTIVE SYSTEM**

Rectum -

Feces -

Accessory Organs of the Digestive System

Liver -

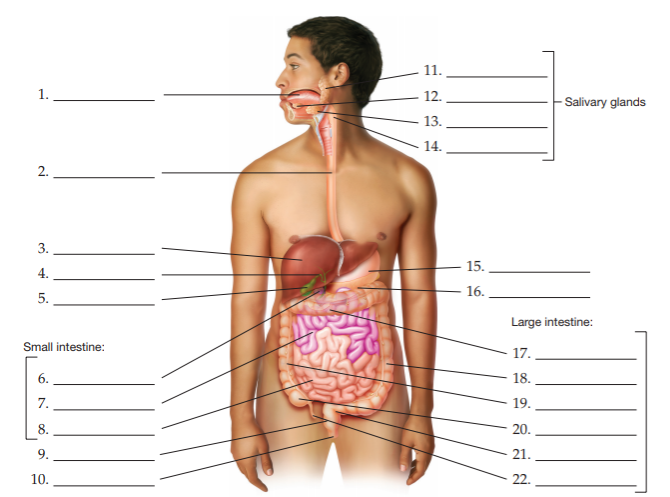
Gallbladder -

Pancreas -

List that pathway food travels through the digestive tract:

**CHAPTER 8: DIGESTIVE SYSTEM**

Label the Digestive System using pg. 207 in your textbook



**CHAPTER 8: DIGESTIVE SYSTEM**

Diseases and Conditions of the Digestive System pg. 214-220

GERD –

Pyrosis –

Peptic Ulcers –

Anorexia Nervosa –

Bulimia Nervosa –

Obesity –

IBS –

IBD –

Hernia –

Dental Caries –

Celiac Disease –

Hepatitis –

Cirrhosis –

**CHAPTER 8: DIGESTIVE SYSTEM**

Signs and Symptoms of Digestive Conditions pg. 220-221

Ascites –

Constipation –

Diarrhea –

Emesis –

Halitosis –

Nausea –

Regurgitation –

Dehydration –

Therapeutic Drugs:

Chapter Careers:

Answer the following:



**CHAPTER 9: NERVOUS SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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**CHAPTER 8: NERVOUS SYSTEM**

Function(s) of the Nervous System

* sensory input
* integration
* motor output

Describe the parts of each the main function of each system

CNS-

PNS-

Describe each structure and its function

Brain-

* occipital lobe-
* temporal lobe-
* frontal lobe-
* parietal lobe-
* cerebrum-
* diencephalon-
  + thalamus
  + hypothalamus
  + pineal

**CHAPTER 9: NERVOUS SYSTEM**

* brain stem-
  + pons
  + midbrain
  + medulla oblongata

Spinal Cord:

* Function-
* What protects it?
* What is white matter?
* What is gray matter?

Nerves:

* Function-
* Neuron-
* Afferent-
* Efferent-

Meninges:

**CHAPTER 9: NERVOUS SYSTEM DISEASES AND CONDITIONS**

Somatic(define)

* Aneurysm
* Amyotrophic Lateral Sclerosis (AMS)
* Syncope
* Cerebral Palsy
* Guillain Barre
* Multiple Sclerosis (MS)
* Transient Ischemic Attack (TIA)
* Stroke
* Bell’s Palsy
* Migraine
* Concussion
* Paralysis
* Paraplegia
* Quadriplegia
* Hemiplegia
* Paresthesia
* Spina Bifida
* Hydrocephalus
* Shingles
* Coma

**CHAPTER 9: NERVOUS SYSTEM DISEASES AND CONDITIONS**

* Seizure
* Aura
* Epilepsy
  + Grand Mal Seizure
  + Petit Mal Seizure
  + Focal Seizure
* Dementia
* Amnesia
* Delirium
* Meningitis
* Alzheimer’s Disease (AD)
* Parkinson’s Disease (PD)
* Tetanus (\_\_\_\_\_\_\_\_\_\_\_\_\_)

Mental(define)

Anxiety Disorders

* Panic Disorder
* Post-Traumatic Stress Disorder (PTSD)
* Obsessive Compulsive Disorder (OCD)
* Phobia

**CHAPTER 9: NERVOUS SYSTEM DISEASES AND CONDITIONS**

* Generalized Anxiety Disorder (GAD)
* Developmental Disorders
* Dyslexia
* Attention Deficit Hyperactivity Disorder (ADHD)
* Autism Spectrum Disorder (ASD)
* Intellectual Disorder (ID)
* Mood Disorders
* Bipolar (Manic Depressive Disorder)
* Depression
* Seasonal Affective Disorder (SAD)
* Psychotic Disorders
* Postpartum Psychosis
* Eating Disorders
* Anorexia Nervosa
* Bulimia Nervosa

**CHAPTER 9: NERVOUS SYSTEM TESTS AND PROCEDURES**

* EEG
* Cerebral Angiography
* Lumbar Puncture
* PET
* Babinski Sign
* DTR
* CSF shunt
* Carotid endarterectomy
* Nerve block
* CBT
* ECT
* Light therapy
* Psychotherapy

*\**Draw the flowchart from page 249 of your textbook. Be sure to be able to describe the relationship between the CNS and PNS

**Chapter 9: The Nervous System**

**\***Fill in the chart with the correct disease, condition or therapeutic medication\*

(Conditions are either somatic or a specific mental class/Drugs are somatic or antipsychotic)

|  |  |  |
| --- | --- | --- |
| **Name** | **Type of Disorder or**  **Class** | **Effect on the Body** |
| **sedative**  **(example)🡪** | **Somatic**  **Drug** | **Produces a soothing or restful effect** |
|  |  | Usually a temporary condition that causes one side of the face to droop. Can be caused by a virus. |
| PTSD |  |  |
|  |  | Antianxiety drug |
|  |  | Known as a “mini stroke” and is a warning sign of a CVA caused by a brief stoppage of blood flow to the brain. |
|  |  | Learning disorder causing one to have difficulty recognizing and understanding written language |
| Neuroleptic |  |  |
|  |  | Medication that is used to temporarily relieve or  Deaden pain. |
| **Name**  **(define abbreviations)** | **Type of Disorder or**  **Class** | **Effect on the Body** |
| Schizophrenia |  |  |
|  |  | Drug that increases activity in the nervous system |
|  |  | Disability characterized by difficulty communicating with others, making eye contact, and focusing beyond oneself. |
| Bulimia nervosa |  |  |
|  |  | Congenital defect where the membrane that is supposed to cover the spinal cord protrudes outside the body through a gap in the spine. |
| Antianxiety |  |  |
| Postpartum Psychosis |  |  |
|  |  | Progressive disorder of nervous system with tremors, bradykinesia, muscle rigidity, irregular  gait and mask-like facial appearance |
| hypnotic |  |  |

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| **Name**  **(define abbreviations)** | **Type of Disorder or**  **Class** | **Effect on the Body** |
| Shingles | Somatic Disorder | . |
|  |  | Also known as a concussion |
| OCD |  |  |
|  |  | Example of this drug is aspirin. Relieves pain and includes both prescription and nonprescription mediations |
| Phobia |  |  |
|  |  | Intense headache causing pain in one area of the head, nausea, and light sensitivity |
|  |  | Characterized by memory loss, poor language expression and inability to care for oneself due to progressive mental deterioration. |
| ID |  |  |

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| --- | --- | --- |
| **Name**  **(define abbreviations)** | **Type of Disorder or**  **Class** | **Effect on the Body** |
|  |  | Produces a soothing or restful effect |
| Hydrocephalus |  |  |
|  |  | Disorder where person is easily distracted and hyperactive. Often interferes with performance at work or school. |
| Narcotic |  |  |
|  |  | Type of CVA that occurs when a blood vessel ruptures and bleeding occurs in the brain |
|  |  | Type of seizure that is characterized by violent muscle contractions. Also known as a tonic-clonic seizure |
| MS |  |  |
| SAD |  |  |

Additional notes:

**CHAPTER 10: SPECIAL SENSES**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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**CHAPTER 10 SPECIAL SENSES**

Function of the Special Senses

Describe the following structures of the eye and define its function

Conjunctiva-

Sclera-

Choroid-

Iris-

Pupil-

Lens-

Ciliary Body-

Aqueous Humor-

Vitreous Humor-

Retina-

**CHAPTER 10: SPECIAL SENSES**

Photoreceptors-

Rods-

Cones-

Macula-

Optic Nerve-

Optic Disc-

Fovea Centralis-

Lacrimal Glands-

Lacrimal Canaliculi-

Lacrimal Sac-

Lacrimal Duct-

**CHAPTER 10: SPECIAL SENSES**

The Ear: Explain each area (outer, middle, inner) and its function

Describe the structures of the ear (list other names for the structures if needed):

Auricle-

Auditory Canal-

Ceruminous glands

Cerumen-

Tympanic Membrane-

Auditory Ossicles-

Malleus-

Incus-

Stapes-

Eustachian Tubes-

Labyrinth-

Cochlea-

**CHAPTER 10: SPECIAL SENSES**

Organ of Corti-

Vestibule-

Semicircular Canals-

Oval Window-

Round Window-

Vestibulocochlear Nerve-

The Nose: Describe the following structures and define their function:

Olfactory Receptor Cells-

Olfactory Nerve-

Olfactory Bulb-

Describe how the olfactory cells are uniquely “wired”-

**CHAPTER 10: SPECIAL SENSES**

The Tongue:

What type of tissue makes up the tongue?

What does the term stratified mean?

What does the term squamous mean?

What does the term mastication mean?

What does the term deglutition mean?

Describe the following structures and their functions:

Papillae-

Taste Buds-

Gustatory Sense-

**CHAPTER 10: SPECIAL SENSES**

Skin/Touch:

What 4 sensations are detected by the sense of touch?

Describe the location of each type of sensory detector.

Diseases and Conditions of the Eye (list common names in addition to description)

* amblyopia
* cataract
* glaucoma
* hordeolum
* nystagmus
* hyperopia
* myopia
* presbyopia
* strabismus

**CHAPTER 10: SPECIAL SENSES**

Diseases and Conditions of the Ear (list common names in addition to description)

* Conductive deafness
* Nerve deafness
* Impacted cerumen
* Meniere’s disease
* tinnitus

Other Disease and Conditions

* ageusia
* anosmia

Diagnostic Tests and Procedures (describe and note what sense it is used to test)

* Ishihara Color Vision Test
* Visual acuity test
* Visual field test
* audiometry
* LASIK
* Enucleation
* phacoemulsification

**CHAPTER 10: SPECIAL SENSES**

* Precision Nerve Exams (list all)

**Medical Terminology: Special Senses**

**DRAW THE SYSTEM ACTIVITY**

Instructions (drawings MUST be in color)

1. Draw the eye (in color) labeling the major structures listed. Define & describe each structure below. (You will need more than one drawing to complete):

* outer canthus
* inner canthus
* conjunctiva
* pupil
* iris
* sclera
* lacrimal gland
* lacrimal sac and duct
* eyelashes
* lens
* aqueous humor
* cornea
* vitreous humor

2. Draw an external/internal view of the ear labeling the structures listed. Define & describe each structure below:

* auricle
* auditory canal
* tympanic membrane
* malleus
* incus
* stapes
* semicircular canals
* vestibule
* cochlea
* eustachian tube
* external ear/middle ear/inner ear (by section)

Draw the System(s):

Additional Notes:

**CHAPTER 11: ENDOCRINE SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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| **Word Part** | **Definition** | **Word Part** | **Definition** |
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**CHAPTER 11: ENDOCRINE SYSTEM**

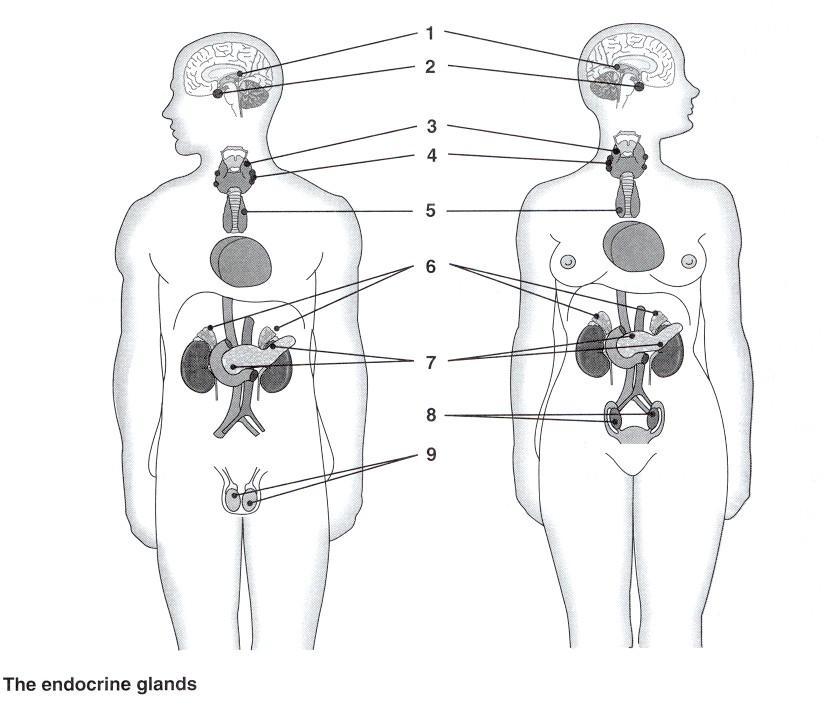
Function of the system

Hormone:

Exocrine glands:

Endocrine glands:

Label the glands and structures:



1.

2.

3.

4.

5.

6.

7.

8.

9.

**CHAPTER 11: ENDOCRINE SYSTEM**

Describe the main function of each gland (List the number of each in the human body and the associated hormones with each gland):

* Pituitary
  + Function
  + How many
  + Hormones
  + Associated disease/condition
* Thyroid
  + Function
  + How many
  + Hormones
  + Associated disease/condition
* Parathyroid
  + Function
  + How many
  + Hormones
  + Associated disease/condition
* Adrenal
  + Function
  + How many
  + Hormones
  + Associated disease/condition

**CHAPTER 11: ENDOCRINE SYSTEM**

* Thymus
  + Function
  + How many
  + Hormones
  + Associated disease/condition
* Pineal
  + Function
  + How many
  + Hormones
  + Associated disease/condition
* Pancreas
  + Function
  + How many
  + Hormones
  + Associated disease/condition
* Gonads
  + Female
    - Function
    - How many
    - Hormones
    - Associated disease/condition
  + Male-
    - Function
    - How many
    - Hormones
    - Associated disease/condition

**MEDICAL TERMINOLOGY: Endocrine Diseases and Therapeutics**

|  |  |  |
| --- | --- | --- |
| **DISEASE** | **SIGNS/SYMPTOMS** | **GLAND/HORMONE(S) INVOLVED** |
| Dwarfism |  |  |
| Tetany |  |  |
| Diabetic  Ketoacidosis |  |  |
| Hirsutism |  |  |
| Thyrotoxicosis |  |  |
| Peripheral neuropathy |  |  |
| Exophthalmos |  |  |
| Hyperparathyroidism |  |  |
| Edema |  |  |

**Endocrine Careers**

* Nutritionist
* Endocrinologist
* Certified Diabetes Educator
* Phlebotomist

**Endocrine Therapeutic Drugs (describe, list other names/abbreviations)**

* Antithyroid agents
* Hormone replacement therapy
* Human growth hormone therapy
* Insulin replacement therapy
* Oral hypoglycemic agents
* Synthetic antidiuretic hormone
* Synthetic glucocorticoids
* Thyroid replacement therapy

**Endocrine Procedures (describe, list other names/abbreviations)**

* Laparoscopic adrenalectomy
* Thyroid scan
* Thyroid function test
* Human gonadotropin test
* Blood serum test
* Fasting blood sugar test
* Diabetic retinopathy
* Glucose tolerance test
* Catecholamine(s) test

**CHAPTER 12: URINARY SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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| --- | --- | --- | --- |
| **Word Part** | **Definition** | **Word Part** | **Definition** |
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**CHAPTER 12: URINARY SYSTEM**

*\*Use your textbook to complete the notes*

Describe all four functions of the urinary system (do NOT just list the function):

Describe how the following organs/structures function in the urinary system:

* Kidneys
  + term(s):
* ureters
  + term:
* (urinary) bladder
  + related term:
* urethra
  + related term

What is urine?

* related term(s):

**CHAPTER 12: URINARY SYSTEM**

Urinary s/s (define)

* Diuresis
* Anuria
* Enuresis
* Oliguria
* Nocturia (nocturnal enuresis)
* Urinary retention
* Incontinence

**CHAPTER 12: URINARY SYSTEM DISEASES, CONDITIONS AND PROCEDURES**

* Transplant
* Lithotripsy
* Nephrolithotomy
* KUB
* Intravenous Pyelogram
* Nephrolithiasis
* PKD
* Pyelonephritis

**CHAPTER 12: URINARY SYSTEM DISEASES, CONDITIONS AND PROCEDURES**

* Wilms tumor
* UTI
* Cystocele
* Renal hypertension
* Renal cell carcinoma
* Nephrosclerosis
* Nephritic Syndrome
* Cystolithiasis

**Additional Notes:**

**Draw the System Activity: Urinary**

**Purpose:** Describe and label the different parts of the system.

**Materials:** Paper, pencils, crayons, colored pencils

**Directions:** Draw and label the system including all parts listed below. Drawing **must** be colored – each part a different color. Define the function of the structures listed below.

**Parts to be included (define/describe each):**

* Kidneys - Right and Left
* Adrenal Gland
* Ureters - right and left
* Urinary bladder
* Urethra
* External urethral orifice
* Inferior Vena Cava (draw only)
* Abdominal aorta (draw only)
* Renal vessels: veins/arteries (draw only)
* Prostate gland (describe location & function only)

Draw the System:

**CHAPTERS 13: MALE REPRODUCTIVE SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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| **Word Part** | **Definition** | **Word Part** | **Definition** |
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**Chapter 13: Male Reproductive System**

*Use textbook to complete*

List the 3 system functions:

Organs/Structures (define and describe each)

* Testicles
  + Related terms:
* Penis
  + Related terms:
* Seminal Vesicles
* Prostate gland
* Semen

**Procedures and Therapeutics**

Define/Describe the following:

* Ablation
* C&S
* DRE
* Circumcision
* TSE
* ED drugs
* TUNA
* TRUS
* PSA
* Vasectomy
* Vasovasostomy
* VDRL
* antibiotics
* RPR
* orchiectomy
* Orchiopexy
* Prostatectomy
* cryosurgery
* Cholesterol level

Additional Notes:

**CHAPTERS 14: FEMALE REPRODUCTIVE SYSTEM**

Define all word parts (prefixes, suffixes, root words) and abbreviations:

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| **Word Part** | **Definition** | **Word Part** | **Definition** |
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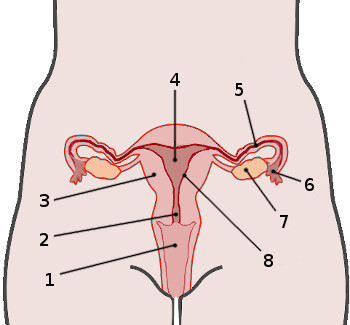
Describe the following structures (function, etc.):

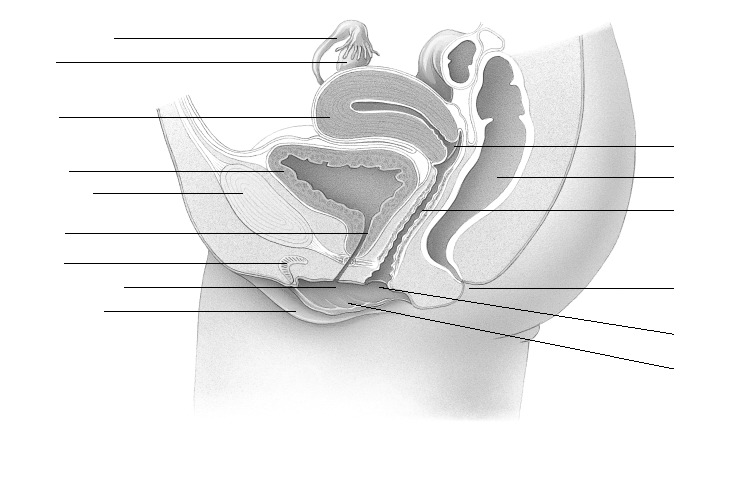
* Ovaries
* Uterus
* Fallopian Tubes
* Vagina
* Placenta
* Umbilical cord
* Breast/Mammary Glands

Vocabulary:

* Ovulation
* Pregnancy
* Conception
* Estrogen
* Progesterone
* Gestation
* Embryo
* Fetus
* Colostrum
* Premature birth

Label the anatomy diagrams using your textbook:





Additional Notes: