

A&P Chapterr 1 Cheat Sheet

by Xyloswagg96 via cheatography.com/30111/cs/16591/

Anatomy 1.1a&b (A&P compared)

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Micros-Unseen

copic

Anatomy=

body cells Cytology

study of =

Histology tissue

study of =

Types of Gross

Systemic, Regional, Surface, Comparative, Embryology

Anatomy =

Pathol-Anatomic disease caused by

disease

ogical Anatomy=

Observes internal structure Radiographic

Anatomy =

Types of

MRI & X-Ray

Function

Radiographic

Anatomy=

1.1b PHYSIOLOGY

physio-

logy=

Physiology

Carbiovascular, Neurophys-Types= iology, respiratory, reprod-

uctive, and pathophysiology

Anatomy 1.2 (A&P Integrated)

Form and	interrelated		
Structure=			
Physiologists focus	mechanisms and		
on=	Structure		
Anatomists focus	form and structure		

Anatomy 1.3abc (Body's organization)

1.3a=LIVING CHARACTERIZATION

Metabo-All chemical reaction in the lism= body

Metabolism Anabolism & Catabolism

has=

7 traits Reproduces, Grows, Developmakes s, Uses Energy, Responsiven-Alive= ess, Adapts, and moves

1.3b = ORGANIZATION OF ORGANISMS

Organi-Atom, Molecule, Chemical, zation= Organelle, Cells, Tissue,

Organ, Organ System,

Organism

1.3c= ORGAN SYSTEMS

Integuskin mentary

Muscular muscle

System=

System =

Skeletal Skeleton

System=

Nerves Nervous

System=

Endocrine Hormones

System=

Lympathic

System=

Blood Vessels

Lymph

Cardiovascular

System=

Respiratory

Lungs

System=

Liquid Waste

Urinary System=

Male Sex Male

Reproductive

System=

Digestive Solid Waste

System=

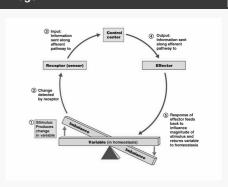
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Anatomy 1.3abc (Body's organization) (cont)

Female Reproductive Female System= Sex

Image



Anatomy 1.4 abcdef (A&P Terminology)

1.4a= ANATOMIC POSITIONS

3 Planes= Frontal, Transverse,

Midsagittal

1.4b= EHHH

1.4c= ANATOMIC DIRECTIONS

Relative to Anterior, Posterior, Dorsal,

front & back= and Ventral

Relative to Superior, Inferior, Cranial,

Head= Caudal, and Rostral

Relative to Medial, Lateral, Deep, and

Middle= superficial

Relative to Proximal and Distal

attachment=

1.4d =REGIONAL

Axial= head, neck, and trunk

Appendicular upper/lower limbs

region=

1.4e= CAVITIES



on=

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Anatomy 1.4 abcdef (A&P Terminology) (cont)

Superior (Thoracic) & Inferior Ventral Cavity= (abdominopelvic) Ventral Serous membrane

Cavity lined with=

Serous

Parietal layer & Visceral

Layer Membrane=

Serous membrane contains =

Serous Fluid

Heart (Inner to outer layers)

Heart, Visceral pericardium, pericardial cavity with serous fluid, and parietal perica-

rdium

Lungs, Visceral Pleura, Lungs Pleural cavity with serous (Inner to outer fluid, parietal pleura,

layers) diaphragm

Abdominopelvic

up=abdominal cavity. down=pelvic cavity

cavities=

Abdominop-Visceral peritoneum, elvic cavity peritoneal cavity, parietal peritoneum

(inner to

outer)=

1.4f ABDOMINOPELVIC REGIONS & **QUADRANTS**

abdominopelvic

regions=

Umbilical, epigastric, hypogastric, right/left hypochondriac, left/right lumbar, right and left/iliac Anatomy 1.5 ABC

1.5a HOMEOSTASIS COMPONENTS

Order = Stimulus, Receptor, control

center, effector, homeostasis

restored

1.5b NEGATIVE FEEDBACK

Negative decrease

feedback=

1.5c POSITIVE FEEDBACK

Positive increase

Feedback

Anatomy 1.6 Health & Disease



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