

Lab Exam 1 Objectives

Terminology

anterior
deep
distal
dorsal
frontal (coronal) section
inferior
lateral
medial
midsagittal section

peripheral
posterior
proximal
sagittal section
superficial
superior
transverse (cross, horizontal) section
ventral

Abdominopelvic Regions

epigastric
hypochondriac (right & left)
hypogastric

iliac (right & left)
lumbar (right & left)
umbilical

Body Cavities and Serous Membranes

abdominal cavity
abdominopelvic cavity
cranial cavity
diaphragm
dorsal cavity
epicardium
mediastinum
parietal pericardium
parietal peritoneum
parietal pleura
pelvic cavity

pericardial cavity
peritoneal cavity
pleural cavity
pleural cavity (right & left)
retroperitoneal region
spinal cavity
thoracic cavity
ventral cavity
visceral pericardium (or epicardium)
visceral peritoneum
visceral pleura

Diffusion & Osmosis

Demonstration procedure
Processes of diffusion and osmosis

Integument

arrector pili muscle
dermal papilla
dermis
epidermis

hair
hypodermis (or subcutaneous layer)
sebaceous gland
sudoriferous (sweat gland)

Long Bone Structure

articular cartilage
compact bone tissue
diaphysis
endosteum

epiphysis
medullary cavity
periosteum
spongy (cancellous) bone

Axial Skeleton

Skull

anterior cranial fossa
coronal suture
cribriform plate
crista galli
dorsum sellae
ethmoid bone
ethmoid air cells
external acoustic meatus
foramen magnum
frontal bone
frontal sinus
greater wing of sphenoid
hypophyseal fossa
inferior nasal concha
lacrimal bone
lambdoidal suture
mandible
mandibular (glenoid) fossa
mandibular condyle
mastoid process
maxilla
maxillary sinus
median palatine suture

middle concha
nasal bone
occipital bone
occipital condyle
orbital surface of sphenoid
palatine bone
palatine process of maxilla
parietal bone
perpendicular plate of ethmoid
posterior cranial fossa
sagittal suture
sella turcica
sphenoid bone
sphenoidal sinus
squamosal suture
styloid process
superior concha
temporal bone
vomer bone
zygomatic bone
zygomatic arch
zygomatic process of temporal bone

Vertebral Column

atlas
axis
body of vertebrae
cervical curvature
coccyx
intervertebral disk
intervertebral foramina
lamina
lumbar curvature
neural arch
odontoid process (dens)

pedicle
pelvic curvature
sacral curvature
sacrum
sacrum to ilium articulating surface
spinal (vertebral) foramen
spinous process of vertebrae
thoracic curvature
transverse foramen
transverse process

Thorax & Hyoid

body of sternum
clavicle
false ribs
hyoid bone
manubrium of sternum
sternal angle

sternum
vertebral (false, floating) ribs
vertebrochondral (false) ribs
vertebrosternal (true) ribs
xiphoid process

Appendicular Skeleton

Upper extremity

acromion process
axillary margin of scapula
capitulum
carpals
clavicle
coracoid process
coronoid fossa
coronoid process
deltoid tuberosity
glenoid cavity
greater tubercle
head of humerus
head of radius
head of ulna
humerus
lateral epicondyle
lesser tubercle

medial epicondyle
metacarpals
olecranon fossa
olecranon process
pectoral girdle
phalanges
radial notch
radial tuberosity
radius
scapula
spine of scapula
styloid process of radius
styloid process of ulna
trochlea
ulna
vertebral margin of scapula

Lower Extremity

acetabulum
anterior inferior spine/process
anterior superior spine/process
calcaneus
coccyx
femur
fibula
greater sciatic notch
greater trochanter
head of femur
head of fibula
iliac crest
ilium
ischial spine
ischial tuberosity
ischium
lateral condyle of femur
lateral condyle of tibia
lateral malleolus
lesser trochanter

medial condyle of femur
medial condyle of tibia
medial malleolus
metatarsals
obturator foramen
os coxa
patella
pelvic girdle
phalanges
posterior inferior spine/process
posterior superior spine/process
pubis
sacra-iliac joint
sacrum
symphysis pubis
talus
tarsals
tibia
tibial tuberosity

Skeletal Muscles

Head and Neck Muscles

masseter
sternocleidomastoideus
temporalis

Trunk, Shoulder & Upper Extremity Muscles

biceps brachii
brachialis
brachioradialis
coracobrachialis
deltoid
external intercostal
infraspinatus
internal intercostal
latissimus dorsi
pectoralis major
pronator teres
serratus anterior
subscapularis
supraspinatus
teres major
teres minor
trapezius
triceps brachii

Abdominal, Pelvic & Lower Extremity Muscles

Achilles' (calcaneal) tendon
adductor longus
adductor magnus
biceps femoris
external oblique
gastrocnemius
gluteus maximus
gluteus medius
gracilis
iliacus
iliopsoas (insertion of the tendon)
internal oblique

psoas major
rectus abdominis
rectus femoris
sartorius
semimembranosus
semitendinosus
soleus
tibialis anterior
transverse abdominis
vastus intermedius
vastus lateralis
vastus medialis