

Unit 2, Lab 1

PTA/OTA 106 Regional A & P

G. Blevins

Updated: Fall 2011

SURFACE ANATOMY:

Jugular or suprasternal notch
Sternal angle
Manubrium
Body of the sternum
Xiphisternal joint
Costal margin
Costal arch
Anterior median line
Midclavicular lines
Intermammary cleft
Axillary fossa
Anterior axillary line
Anterior axillary fold
Midaxillary line
Posterior axillary line
Posterior median line
Scapular lines
Epigastric fossa
Iliac crest
Umbilicus
Linea alba
Rectus abdominis
Serratus anterior
Semilunar line

VERTEBRAL COLUMN-

Special Features

Normal Curves

Primary:

Thoracic
Sacral

Secondary:

Cervical
Lumbar

Abnormal Curves

Kyphosis
Lordosis
Scoliosis

VERTEBRAL COLUMN BONES [26]

Vertebra (general features)

Body
Neural arch
 Pedicles
 Laminae
Spinal (or vertebral) foramen
Transverse processes
Spinous process
Superior articulating processes
Inferior articulating processes
Intervertebral foramen
Intervertebral disc

Thoracic vertebrae [12]

Rib facets or demifacets

Lumbar vertebrae [5]

Lack rib facets and transverse foramina

Sacrum [1]

Fused bone consisting of 5 vertebrae
Sacral promontory
Sacral foramina (pelvic & dorsal)
Auricular surface

Coccyx [1]

Fused bone consisting of 3-5 vertebrae

THORACIC BONES [25]

Sternum [1]

Manubrium
Body (or gladiolus)
Jugular (or suprasternal) notch
Xiphoid process

Ribs [12 pair]

Head
Neck
Tubercle
Body (or shaft)
Costal groove

Costal cartilages

Types of ribs

True ribs

False ribs

Floating ribs

PECTORAL (OR SHOULDER) GIRDLE

Clavicles [2]

Sternal extremity

Acromial extremity

Conoid tubercle

Scapula [2]

Borders:

Superior

Vertebral (medial)

Axillary (lateral)

Angles:

Superior (medial)

Inferior

Fossae:

Sub scapular

Supraspinatous

Infraspinatous

Glenoid cavity (or fossa)

Spine

Acromion process

Coracoid process

PELVIC (OR HIP) GIRDLE [2]

Os Coxae (or os innominatum) [2]

Ileum portion

Iliac crest

Iliac spines:

Anterior superior

Anterior inferior

Posterior superior

Posterior inferior

Greater sciatic notch

Acetabulum

Iliac fossa

Ischium portion

Ischial tuberosity

Ischial spine

Lesser sciatic Notch

Pubic portion

Symphysis pubis

Superior pubic ramus

Inferior pubic ramus

Pubic arch

Pubic crest

Obturator foramen