

BONE STRUCTURE AND JOINTS LIST

Classification

Long bone – yellow marrow

Epiphysis
Diaphysis
Epiphyseal line
Medullary cavity
Periosteum
Endosteum

Surface features: Processes

Head
Neck
Spine
Condyle
Crest
Trochanter
Tuberosity
Protuberance

Short bone – red marrow

Sesamoid

Flat bone

Irregular bone

Surface features: Depressions

Fossa
Foramen
Meatus
Sinus

Bone Type

Compact

Lamella
Osteon-Haversian System
Lacuna
Canaliculi
Osteocyte
Osteoblast
Osteoclast

Other

Intramembranous ossification
Endochondral ossification
Epiphyseal plates

Spongy

Trabeculae

Break classification

Open vs. closed
Complete vs. incomplete
Greenstick
Comminuted
Linear
Transverse
Oblique
Spiral
Colles

Potts

Avulsion

Bone Disorders

Osteoporosis
Osteomalacia (Rickets)
Paget's disease
Histiocytosis
Osteomyelitis

Joints

Structural

1) Synovial

Monaxial
Uniaxial
Biaxial
Multiaxial

2) Fibrous

Sutures
Syndesmoses
Gomphosis

3) Cartilaginous

Synchondrosis
Symphysis

Functional

Synarthrosis

Amphiarthrosis

Diarthrosis

Disorders

Bursitis
Tendonitis
Arthritis – Osteo, Rheumatoid, Gouty