

Lytic Lesions (FEGNOMASHIC)

- Fibrous Displasia
- Eosinophilic Granuloma , Encondroma
- Giant Cell tumor
- NOF
- Osteoblastoma
- Metastasis / Myeloma
- Aneurysmal Bone Cyst (always eccentric)
- Simple Unilocular bone cyst (central)
- Hyperparathyrodism, Hemophilia
- Infection
- Chondroblastoma/Chondromyxoid Fibroma

FEGNOMASHIC

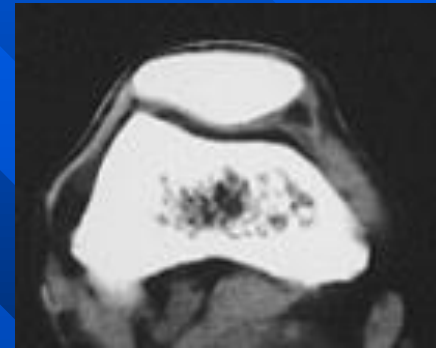
- Fibrous Dysplasia
 - No Periosteal Rxn
- Enchondroma
 - Must have calcification (except phalanges).
 - No periostitis
- EG
 - Age <30
- Giant Cell Tumor
 1. Epiphysis closed
 2. Abuts articular surface
 3. Well defined with non-sclerotic margin
 4. Eccentric
- Non-Ossifying Fibroma
 - Age < 30
 - No Periostitis or Pain
- Osteoblastoma
 - Mention when considering ABC
- Mets/Myeloma
 - Age >40
- Aneurysmal Bone Cyst
 - Expansile
 - Age <30
- Solitary Bone Cyst
 - Central
 - Age <30
- Hyperparathyroidism (Brown Tumor)
 - Must have other evidence of HPT
- Infection
 - None
- Chondroblastoma
 - Age < 30
 - Epiphyseal
- Chondromyxoid Fibroma
 - Consider when NOF mentioned

Lesions in the Epiphysis

- Intraosseous ganglion
- GCT
- Chondroblastoma
- ABC
- Clear-cell chondrosarcoma
- EG
- Infection (brodie's abscess)
- Subchondral cyst

Epiphyseal Equivalents for DDx

- Carpals, Tarsals, Patella
- Apophyses



- Epi vs Apophysis:

Epi – contribute to length
of a bone

Apo – ligamentous
attachment



Metapyseal/diaphysis

- Bone cyst
- NOF
- Osteblastoma
- Chondromyxoid Fibroma
- Aneurysmal Bone Cyst (always eccentric)
- Fibrous Dysplasia
- Infection
- Brown Tumor
- Eosinophilic Granuloma
- Osteogenic sarcoma
- Chondrosarcoma

Diaphyseal lesion

- Fibrous dysplasia
- Eosinophilic granuloma
- Metastasis
- Adamantinoma
- Leukemia
- Lymphoma
- Ewing sarcoma

Central medullary lesion

- Enchondroma
- Solitary bone cyst

Eccentric medullary lesion

- Giant cell tumor
- Osteogenic sarcoma
- Chondrosarcoma
- Fibrosarcoma
- Chondromyxoid fibroma

Cortical lesion

- Nonossifying fibroma
- Osteoid osteoma

Parosteal/Juxtacortical lesion

- Juxtacortical chondroma
- Osteochondroma
- Parosteal osteogenic sarcoma

Automatics: Age <30

- Infection
- EG



Automatics: Age >40

- Infection
- Mets
- Myeloma



>30 Exclude

- EG
- Chondroblastoma
- NOF
- ABC
- SBC