

BONE LESION	Radiography	Computed Tomography	MRI
Date of Exam			
BONE involved			
BONE location	1. Epiphysis 2. Metaphysis 3. Diaphysis 4. Epi & Metaphysis 5. Meta & Diaphysis 6. Epi, Meta & Diaphysis	1. Epiphysis 2. Metaphysis 3. Diaphysis 4. Epi & Metaphysis 5. Meta & Diaphysis 6. Epi, Meta & Diaphysis	1. Epiphysis 2. Metaphysis 3. Diaphysis 4. Epi & Metaphysis 5. Meta & Diaphysis 6. Epi, Meta & Diaphysis
Lesion center	1. Medullary 2. Cortical 3. Surface	1. Medullary 2. Cortical 3. Surface	1. Medullary 2. Cortical 3. Surface
Endosteal Scalloping	1. Yes 2. No 3. Indeterminate	1. Yes 2. No 3. Indeterminate	1. Yes 2. No 3. Indeterminate
MATRIX [predominant signal pre-contrast]	1. Lucent 2. Sclerotic 3. Mixed	1. Fat 2. Fluid 3. Soft tissue 4. Osseous 5. Mixed	1. T1 hypo, T2 hyper 2. T1 hyper, T2 hyper 3. T1 iso, T2 hyper 4. T1 iso, T2 hypo 5. T1 hypo, T2 hypo 6. T1 hyper, T2 hypo
UNIFORMITY	1. Homogeneous 2. Hetero - minimal 3. Hetero - moderate 4. Hetero - marked	1. Homogeneous 2. Hetero - minimal 3. Hetero - moderate 4. Hetero - marked	1. Homogeneous 2. Hetero - minimal 3. Hetero - moderate 4. Hetero - marked
Fluid-Fluid Levels	1. Yes 2. No	1. Yes 2. No	1. Yes 2. No
Mineralization	1. Osteoid 2. Chondroid 3. Present – nonspecific 4. Present – zonal 5. None 6. Indeterminate	1. Osteoid 2. Chondroid 3. Present – nonspecific 4. Present – zonal 5. None 6. Indeterminate	NA
Transition Zone	1. Narrow – sclerotic 2. Narrow - nonsclerotic 3. Wide 4. Diffuse (permeative)	1. Narrow – sclerotic 2. Narrow - nonsclerotic 3. Wide 4. Diffuse (permeative)	1. Narrow – BME present 2. Narrow – BME absent 3. Wide – BME present 4. Wide – BME absent 5. Diffuse
Periosteal Reaction	1. None 2. Indolent 3. Aggressive 4. Indeterminate	1. None 2. Indolent 3. Aggressive 4. Indeterminate	1. None 2. Indolent 3. Aggressive 4. Indeterminate
Soft tissue mass	1. Yes 2. No 3. Indeterminate	1. Yes 2. No 3. Indeterminate	1. Yes 2. No 3. Indeterminate
Intra-articular involvement	1. Yes 2. No 3. Indeterminate	1. Yes 2. No 3. Indeterminate	1. Yes 2. No 3. Indeterminate
Neural Involvement	4. Yes 5. No 6. Indeterminate	4. Yes 5. No 6. Indeterminate	4. Yes 5. No 6. Indeterminate
Vascular Involvement	1. Yes 2. No 3. Indeterminate	4. Yes 5. No 6. Indeterminate	4. Yes 5. No 6. Indeterminate
Size – max (cm)			
Volume (cm ³)			
Enhancement	NA	1. No contrast given 2. None 3. Yes – homogeneous 4. Yes - heterogeneous	1. No contrast given 2. None 3. Yes – homogeneous 4. Yes – heterogeneous
Spectroscopy	NA	NA	1. Not performed 2. Normal 3. Abnormal
Diagnosis	1. Benign 2. Malignant 3. Indeterminate	1. Benign 2. Malignant 3. Indeterminate	1. Benign 2. Malignant 3. Indeterminate