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|  | Parameter | Radiographic Evaluation | CT Scan Evaluation (where available) | MRI Evaluation |
| 1 | Endosteal Scalloping: Circumference | 3 out of 4 cortices with endosteal scalloping in the region of interest | 2/3rd circumference of endosteum scalloped in the region of interest |  |
| 2 | Endosteal scalloping: Length | 2/3rd length of lesion scalloped in any cortex of interest |  |  |
| 3 | Medullary Expansion | Cortical remodelling with enlargement of medullary cavity |  |  |
| 4 | Cortical Erosion/Break | Unicortical break in continuity | Break in cortical continuity on axial slice images |  |
| 5 | Periosteal Reaction | Periosteal radiographic findings | Faint surface periosteal findings that may be missed on radiographs |  |
| 6 | Pathological fracture | Complete break in cortical continuity in orthogonal planes |  |  |
| 7 | Cortical Thickening | Cortical remodelling with thickening without enlargement of medullary cavity |  |  |
| 8 | Marrow Edema |  |  | Intra-osseous marrow edema beyond the lesion |
| 9 | Soft tissue Component |  |  | Presence of extra-osseous soft tissue tumor component |