

Bone-RADS™ v2023 Assessment Categories and Scoring System

Add All Points to Determine Bone-RADS Score Level and Management		Bone-RADS Score	Risk Category	Description	Management
MARGINS IA = 1 IB = 3 II = 5 IIIA-C = 7		0	Incompletely Characterized Point Total = N/A	Risk cannot be adequately predicted Example: Lucent lesions of the axial skeleton such as scapula, spine, or pelvis	<ul style="list-style-type: none"> • Further workup is necessary • Additional radiographic views or cross-sectional imaging for further evaluation
ENDOSTEAL EROSION Mild = 0 Moderate = 1 Deep = 2	2	Low Risk Point Total = 3–4	<ul style="list-style-type: none"> • Asymptomatic geographic lytic lesion without suspicious periosteal reaction or deep endosteal erosion • Typical location and/or matrix of a common benign bone lesion Example: Enchondroma, giant cell tumor, aneurysmal bone cyst	<ul style="list-style-type: none"> • Short interval (3-6 month) surveillance to ensure stability • Consider advanced imaging to assess tumor composition and possibly biopsy to confirm benignity if needed • Consider orthopedic oncology referral for surveillance or treatment of benign tumor 	
					PATHOLOGICAL FRACTURE If YES = 2
SOFT TISSUE MASS If YES = 4	4	High Risk Point Total ≥ 7	<ul style="list-style-type: none"> • Malignant until proven otherwise • Geographic lytic lesion with aggressive periosteal reaction or soft tissue mass Example: Non-geographic osteolytic lesion	<ul style="list-style-type: none"> • Orthopedic oncology referral for recommended biopsy and treatment planning • Advanced imaging for tumor staging including additional sites of disease 	
					KNOWN PRIMARY CANCER If YES = 2