

Online Supplemental Data

Supplemental Table 1: Rubric for composite scoring model

Each imaging feature	Score assignment	
Lesion center	Mandibular condyle	Joint space
	1	0
Destruction of the mandibular condyle	Presence	Absence
	1	0
Destruction of the articular eminence/glenoid fossa	Absence	Presence
	1	0
Sclerosis of the articular eminence/glenoid fossa	Absence	Presence
	1	0
Infiltration into the tendon of the LPM	Presence	Absence
	1	0
Calcification	Absence, stippled	Flocculent, ring-and-arc, popcorn
	1	0
Periosteal reaction	Presence	Absence
	1	0
Internal enhancement	Presence	Absence
	1	0
Mean lesion size	≥ 30.5 mm	< 30.5 mm
	1	0

LPM: lateral pterygoid muscle.

A point of “1” indicates a high-risk feature for chondrosarcoma, while “0” indicates a favorable feature for synovial chondromatosis. A composite score for differentiating chondrosarcoma from synovial chondromatosis was created by summing the points of all variables. The best cut-off value to distinguish chondrosarcoma from synovial chondromatosis was observed for presence of ≥ 4 high-risk features (Youden index = 0.917, AUC = 0.986 [95% CI, 0.950–1.000]).