

Table E1. ARCO International Classification of Osteonecrosis of the Femoral Head

Stage	0	1	2	3	4
Findings	All present diagnostic techniques are normal or non-diagnostic	Plain radiographs and CT are normal; at least one of the below-mentioned studies is positive	No crescent sign. Plain radiographs are abnormal: sclerosis, osteolysis, focal porosis	Crescent sign on plain radiographs and/or flattening of articular surface of femoral head	Osteoarthritis: joint space narrowing, acetabular changes, joint destruction
Techniques	Plain radiographs, CT, scintigraphy, MRI	Scintigraphy, MRI	Plain radiographs, CT, scintigraphy, MRI	Plain radiographs, CT only	Plain radiographs only

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