

Supplementary Table 3 – Radiography

Plain radiography	
AC Joint osteoarthritis	Abreu classification Grade 0 (No osteoarthritis) Grade 1 (Mild osteoarthritis) Grade 2 (Moderate osteoarthritis) Grade 3 (Severe osteoarthritis)
Subacromial space	Gill et al. Grade 1 (Normal) Grade 2 (Mild narrowing) Grade 3 (Moderate narrowing) Grade 4 (Severe narrowing / acetabularisation)
	SA space (minimum height in mm)
Calcific tendinosis	Bosworth classification Grade 0 (None) Grade 1 (Tiny, barely visible) Grade 2 (less than 15mm) Grade 3 (more than 15mm)
Scapula / acromion	Acromial spur (Yes/No)
	Os acromiale (Yes/No)
	Bigliani classification Type 1 Type 2 Type 3
	Critical shoulder angle
	Acromion index
	Acromion slope
	Lateral acromion angle
GH Joint osteoarthritis	Gill et al. Grade 1 (No arthritis) Grade 2 (Mild arthritis) Grade 3 (Moderate arthritis) Grade 4 (Severe arthritis)
	Samilson Prieto Allain Grade 0 (No osteoarthritis) Grade 1 (Inferior humeral exostosis 1-3 mm) Grade 2 (Inferior humeral exostosis 4-7 mm) Grade 3 (Inferior humeral exostosis > 7mm) Grade 4 (Narrowing of the GH joint and sclerosis)
Other	Hill Sachs (Yes/No)
	Previous proximal humerus fracture (Yes/No)
	Bony Bankart lesion (Yes/No)
	Osteonecrosis (Yes/No)

AC= acromioclavicular, SA=subacromial, GH=glenohumeral