ProFHER TRIAL: Neer's X-ray Classification Proforma								
Trial Participant ID : Rater :								
Please record a cross in the box(es) below that apply:								
	X-ray ID Anteroposterior (Scapular plane)		Anteroposterior (Coronal plane) Axillary (modified axi				Other - please describe	
		П				i		
2.	Are there at least two projections in planes perpendicular to each other? (Please cross one box only)							
3.	For each X-ray projection is the: Proximal humerus visible?					.eft / Rig		
		Yes / No	Yes / No		Yes / No		Yes / No	
	* This annlies to a c	lin that was adde	d to the cassette	at the time of		usition		
* This applies to a clip that was added to the cassette at the time of image acquisition 4. Are proximal humerus and glenohumeral joint seen on each projection [of at least two different views?] (Please cross one box only) 5. For each X-ray, can you clearly identify the following:								
	X-ray ID	Humeral shaft?	Greater tuberosity?	Les tuber	sser osity? / No	hur	ead of nerus?	Glenohumeral joint?
			Yes / No					Yes / No
6.	Considering all the structures (the hui and glenohumeral fractured segment	meral shaft, great I joint) sufficiently	ter tuberosity, les to determine the	ser tuberosity,	head of hu	ımerus	Yes	No
7.	Please give your opositioning) based					erms of	exposure a	nd patient
	a) Good: Optimal image definition & content, good for classification							
	b) Fair: Suboptimal image definition & content, but adequate for classification							
	c) Poor: Suboptimal image definition & content, inadequate for classification							

Displacement

Criteria / terms for displacement:

- "involved" this includes any indication of a fracture for that anatomical structure
- "undisplaced" either not displaced or clearly insufficient to meet Neer's criteria
- "displaced (unclear if Neer)" indicates marginal cases: some uncertainty that displacement meets Neer's criteria (lack of scale marker or poor quality image may be reasons)
- "displaced (Neer)" gross (including complete displacement), clearly meets Neer's criteria (45°; 1cm linear measurement may not be possible for some x-rays)

"No contact fracture" (of the surgical neck) - the shaft has displaced fully in relation to the head and these segments have no contact with each other

Fracture dislocation applies to the dislocation of the humeral head from the glenoid.

8. Please record a cross in the box(es) below that apply: (N.B. If you do record that an anatomical structure is 'involved' then choose one of the three other descriptors (undisplaced, displaced (unclear if Neer), displaced (Neer)) to indicate the extent of displacement according to Neer's criteria.

	X-ray ID	X-ray ID	X-ray ID	X-ray ID	Verdict		
Anatomical neck							
- involved							
- undisplaced							
- displaced (unclear if Neer)							
- displaced (Neer)							
Surgical neck							
- involved				\vdash			
- undisplaced				닏			
- displaced (unclear if Neer)				\sqcup			
- displaced (<u>Neer</u>)					│		
- no contact fracture					∐		
- impacted					$ \; \sqcup \; $		
Greater tuberosity - involved							
- undisplaced				H			
- displaced (unclear if Neer)				\vdash	l Hil		
- displaced (Neer)			\vdash	H			
Lesser tuberosity							
- involved							
- undisplaced				H			
- displaced (unclear if Neer)				H			
- displaced (Neer)							
Fracture dislocation							
- anterior				\sqcup			
- posterior					🗀		
Head splitting #							
Is there an articular surface fracture?							
Head position Head segment in varus					_		
					-		
Head segment in valgus							
9. Using the separate sheet provided of Neer's classification 1 to 16 and your verdicts above ("displaced (Neer)" only), please record Neer's category:							

Head position Head segment in varus Head segment in valgus									
D. Using the separate sheet provided of Neer's classification 1 to 16 and your verdicts above ("displaced (Neer)" only), please record Neer's category: 9049527804									