

Provided figure with sample radiographic images of each of the four grades of elbow dysplasia included in Tables 2 + 3

**Table 2.** - Modified Elbow Dysplasia Scoring

Modified Elbow Dysplasia Scoring	Radiographic Findings
0	Normal elbow joint: No evidence of sclerosis or arthrosis
1	Mild arthrosis: Presence of osteophytes < 2 mm high. Minor sclerosis of the base of the coronoid processes.
2	Moderate arthrosis: Presence of osteophytes of 2 - 5 mm high. Obvious sclerosis of the base of the coronoid processes
3	Severe arthrosis: Presence of osteophytes of > 5 mm high).

### Modified Elbow Dysplasia Scoring - Grade 0

Radiograph of a left elbow in a mediolateral flexed view

Grade 0: Normal elbow joint - No evidence of sclerosis or arthrosis



Radiograph of a left elbow in a craniocaudal view  
Grade 0: Normal elbow joint - No evidence of sclerosis or arthrosis



## Modified Elbow Dysplasia Scoring - Grade 1

Radiograph of a right elbow in a mediolateral flexed view

Grade 1: Mild arthrosis - Presence of osteophytes < 2 mm high. Minor sclerosis of the base of the coronoid processes



Radiograph of a right elbow in a mediolateral flexed view

Grade 1: Mild arthrosis - Presence of osteophytes < 2 mm high (shown in the measurement). Minor sclerosis of the base of the coronoid processes



Radiograph of a right elbow in a craniocaudal view

Grade 1: Mild arthrosis - Presence of osteophytes < 2 mm high. Minor sclerosis of the base of the coronoid processes



Radiograph of a right elbow in a craniocaudal view

Grade 1: Mild arthrosis - Presence of osteophytes < 2 mm high (shown in the measurement). Minor sclerosis of the base of the coronoid processes



## Modified Elbow Dysplasia Scoring – Grade 2

Radiograph of a left elbow in a mediolateral flexed view

Grade 2: Moderate arthrosis - Presence of osteophytes of 2 - 5 mm high. Obvious sclerosis of the base of the coronoid processes



Radiograph of a left elbow in a mediolateral flexed view

Grade 2: Moderate arthrosis - Presence of osteophytes of 2 - 5 mm high (shown in the measurement). Obvious sclerosis of the base of the coronoid processes





Radiograph of a left elbow in a craniocaudal view

Grade 2: Moderate arthrosis - Presence of osteophytes of 2 - 5 mm high. Obvious sclerosis of the base of the coronoid processes



Radiograph of a left elbow in a craniocaudal view

Grade 2: Moderate arthrosis - Presence of osteophytes of 2 - 5 mm high (shown in the measurement). Obvious sclerosis of the base of the coronoid processes



### Modified Elbow Dysplasia Scoring – Grade 3

Radiograph of a right elbow in a mediolateral flexed view

Grade 3: Severe arthrosis - Presence of osteophytes of  $> 5$  mm high.



Radiograph of a right elbow in a mediolateral flexed view

Grade 3: Severe arthrosis - Presence of osteophytes of  $> 5$  mm high (shown in the measurement).



Radiograph of a right elbow in a craniocaudal view  
Grade 3: Severe arthrosis - Presence of osteophytes of  $> 5$  mm high.



Radiograph of a right elbow in a craniocaudal view  
Grade 3: Severe arthrosis - Presence of osteophytes of  $> 5$  mm high (shown in the measurement).





**Table 3.** Computed tomographic variables studied at the medial coronoid process (MCP)  
[16,27,28].

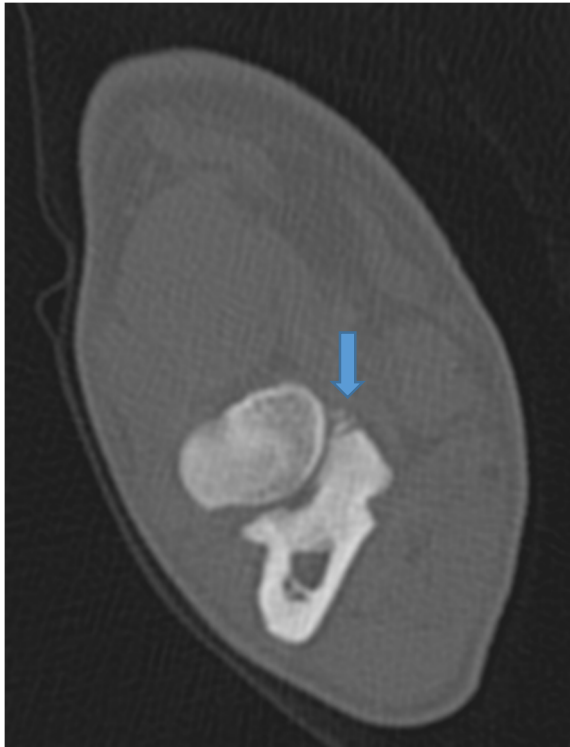
Type of pathology present at MCP		Type of fragmentation of the MCP		Fragment dislocation	
1.	Single fragment	1.	Fragment or fissure along the radial incisure of the ulna	1.	Yes
2.	Multiple fragments	2.	Fragmentation affecting the MCP at the apex	2.	No
3.	Fissures	3.	Radial incisures – Tip fragment or fissure (Combination)		
4.	Combination of lesions				
5.	None of the above lesions				

**Type of pathology present at MCP:**

**CT of a right elbow; Single fragment (arrow)**



**CT of a right elbow; multiple fragments (arrow)**

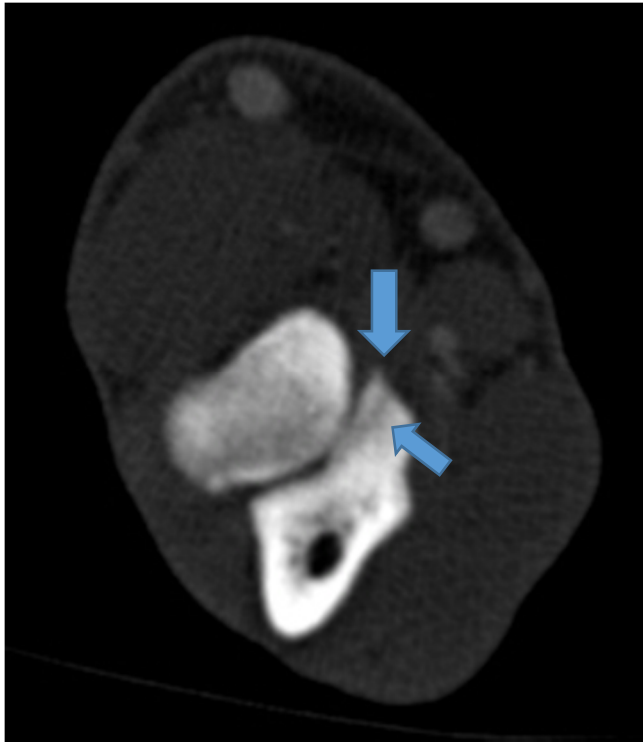


**CT of a right elbow; Fissure at the tip of the medial coronoid process (arrow)**



**Type of fragmentation of the MCP:**

**CT of a right elbow; Fragment or fissure along the radial incisure of the ulna (arrow)**

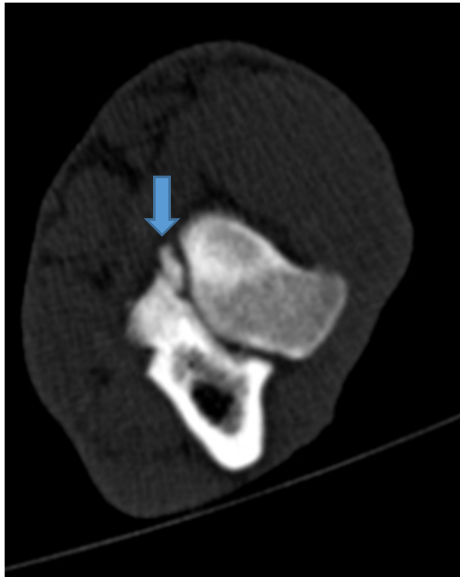


**CT of a left elbow; Tip fragment (arrow)**



## **Fragment dislocation**

**CT of a left elbow; dislocated fragment (arrow)**



**CT of a right elbow; non-dislocated fragment (arrow)**

