# The Outcome of Total Radial Head Replacement in Mason Type 3 Radial Head Fracture

<sup>1</sup>Amreet PKG, <sup>2</sup>Soo LT, <sup>3</sup>Asrul SY Orthopedic Department Hospital Serdang

# INTRODUCTION:

Radial head fractures occur in about 17–19% of cases of elbow trauma and account for 33% of elbow fractures [1]. Mason type III fractures remain one of the most challenging fractures to treat. There are various surgical treatment options available, including open reduction and internal fixation or radial head arthroplasty. [2]

### **REPORT:**

We are reporting three cases of closed fracture of right radial head (Mason III), two of our patients had a fall from height and another patient had road traffic accident.

All 3 patients presented with radial head bony tenderness upon palpation. Neurovascular intact. We proceeded with radial head replacement and physiotherapy was started as early as next day for early rehabilitation. Patient were under our follow up for four to five months. Within 4 months, all patient able to achieve full active range of motion over right elbow. None of the patient had complication post operatively. All three of them were able to return to work after 4 months



Figure 1: Pre-operative xrays



Figure 2: Post radial head replacement

# **CONCLUSION:**

Radial head prosthesis replacement treatment is superior to ORIF as it provides better stability and range of motion at the elbow. [3]

### **REFERENCES:**

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