

## Outcomes Of Hemi Arthroplasty In Neck Of Femur Fracture

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### INTRODUCTION:

Fall is the leading cause of injuries and hospital admission in the elderly population. Worldwide annual incidence of approximately 1.7 million<sup>4</sup>. Femoral neck fractures account for over 90% of hip fractures. The goal of treatment is to restore of pre-fracture function without associated morbidity. We evaluated the functional outcome in term of mobility and pain of hemiarthroplasty in fracture neck of femur

### METHODS:

All patients above fifty year old undergoing uncemented Austin Moore unipolar hemiarthroplasty for fracture neck of femur from the period 2010-2016 were studied retrospectively. Data were evaluated for pre-injury level and at six months post operatively

### RESULTS:

22 patients has been reviewed at six months postoperatively. Table shows the result:

Domain	Pre-injury		At 6 Months
Hip pain	0 (0%)		4(18.18 %)
Mobility	Supported	4(18.18 %)	8(36.36 %)
	Unsupported	18(81.81 %)	6(27.27 %)
	Unable to ambulate	0(0%)	8(36.36 %)

### DISCUSSIONS:

Surgical treatment of femoral neck fracture enables early mobilization of patient, thus preventing complications associated with inactivity. In our study all patients underwent

hemiarthroplasty and the outcomes at the 6 months follow up showed good response. There were more than half of the patients able to ambulate.

### CONCLUSION:

Hemiarthroplasty using uncemented Austin Moore prosthesis remains a useful mode of treatment for fracture neck of femur in patients aged 55 years and above.

### REFERENCES:

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