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. 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:

<table>
<thead>
<tr>
<th>Domain</th>
<th>Pre-injury</th>
<th>At 6 Months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hip pain</td>
<td>0 (0%)</td>
<td>4(18.18 %)</td>
</tr>
<tr>
<td>Mobility</td>
<td>Supported</td>
<td>4(18.18 %)</td>
</tr>
<tr>
<td></td>
<td>Unsupported</td>
<td>18(81.81%)</td>
</tr>
<tr>
<td>Unable to</td>
<td>ambulate</td>
<td>0(0%)</td>
</tr>
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</table>

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:
2. Anshu Shekhar et al. Two years outcome of cemented Austin Moore hemiarthroplasty for Fracture neck of femur IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) Volume 11 Issue 6 (Nov-Dec 2013) PP 10-15