

عنوان مقاله:

Survey the complications of femoral neck fracture

محل انتشار:

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خلاصه مقاله:

Objective:Femoral neck fracture is associated with several complications and poor prognosis. This study design to survey the complications of femoral neck fracture.**Methods:** We design a descriptive analytical study. All patients with femoral neck fracture from March 2012 to March 2014 who referred to Imam-Khomeini Hospital of Mazandaran University of medical sciences at Saricity were enrolled to this study. Patients were follow for 12 months. Patient's demographic data, radiologic data, type of treatment (surgery or supportive Therapy) and type of complication were recorded.**Results:** from 72 patients how referred to our center, 50 patients (28 men) with mean age of 58.43 ± 6.73 years complete the study. There was not significant difference between men and women age (56.5 ± 21.17 vs. 59.72 ± 16.38 years, $P=0.55$). 22 cases (40%) (7 men) by arthroplasty, 13 cases (26%) (10 men) by cannulated screw fixation and 15 cases (30%) (11) by dynamic hip screw (DHS) were treated. 14 patients (28%) including 4 men and 10 women were a foul complications that included avascular necrosis (3 patients), dislocation of prosthesis (2 patients), pulmonary embolism (one patient), intraoperative femoral shaft fracture (one patient), relocation of screw and shortening of the femoral neck (2 patients) and death in 5 patients who all of them were women (mean age of 79.35 ± 5.81 years) and surgery by arthroplasty technique. morbidity and mortality were significantly higher in women ($p=0.007$)**Conclusion:** morbidity and mortality were significantly higher in women. arthroplasty associated with high rate of complication and death, especially in older patients

کلمات کلیدی:

Femoral neck fracture, complications, arthroplasty, internal fixation

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