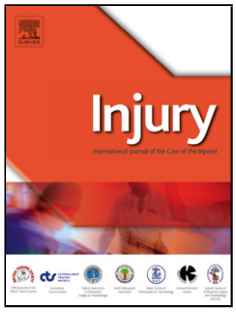


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# Stability of extracapsular hip fracture: does it affect rehabilitation outcome of post-acute patients?

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## ABSTRACT

**Background:** Various factors have been shown to affect rehabilitation outcome of hip fractured patients. The degree of extracapsular fracture stability may also affect functional recovery. The aim of our study was to assess the relationship between extracapsular hip fracture stability and rehabilitation outcome in a post-acute setting.

**Methods:** A retrospective cohort study of 144 hip fractured patients was carried out in a post-acute geriatric rehabilitation center from 1/2014 to 6/2015. The main outcome measures were the Functional Independence Measure (FIM) instrument, motor FIM (mFIM), Montebello Rehabilitation Factor Score (MRFS) on the mFIM and length of stay (LOS). The associations between patients with stable vs. unstable and clinical, demographic and comorbidity variables, were assessed by the Mann-Whitney U and chi-square tests. A multiple linear regression model was used to estimate the association between fracture stability and LOS score after controlling for sociodemographic characteristics and chronic diseases.