Media Folia Medica Indonesiana
Volume : 44 - No. 3 Terbit : 7--2008

Penulis :
Achmad Sjarwani

FIBULAR AUTOSTRUTGRAFT AS THE OPTIONAL TREATMENT OF THE FEMORAL NECK FRACTURES IN SURABAYA

Abstrak :

Fractures of the femoral neck have always been a great challenge to orthopaedic surgeons. The main aim of the
treatment is to retain the femoral head and to ensure that the hip is stable, painless, and mobile. Compression screw
fixation with fibular autostrutgraft method give some evidence of reconstitution of the trabecular pattern, incorporation
of the fibula into the femoral head proximal to the fracture line, and little or no progression of structural collapse after
a sufficiently long period of follow-up. We measure Hip Score for the patients with femoral neck fractures after treated
by open reduction, cancellous screw fixation and free fibular grafting. Hip Score including pain, range of hip movement,
ability to work and leg length discrepancy. The results were classified as excellent, good, fair or poor. Anteroposterior
and axial radiographs of the hip were also assessed and obliteration of the fracture site with trabecular bridging was
taken as evidence of union. At the last 3 years we treat 15 patients with neglected femoral neck fracture by cancellous
screw fixation and free fibular autostrutgraft construct. 9 patient is neglected fracture and the rest is fresh fractures.10
patients were found to be united and the other was still in observation. For that 10 patients, we evaluate with Hip Score.
Hip score was excellent in 6 patients, good in 3 patients, and poor in 1 patient.There are significance improvement of
the union rate and hip function of the patients with femoral neck fracture that treated by compression screw fixation
with fibular autostrutgraft method.

Keyword :

Daftar Pustaka :

Black, J Orthopaedic Biomaterials in Research and Practice Churchill Livingstone 1988 New York
Jupiter, B et al. Intracapsular hip fracture, in Browner, Skeletal Trauma, 4th edn WB Saunders Company 1998 -