

Early Outcome Of Operative Treatment For Acetabular Fracture : Hospital Serdang Experience

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Objective

The management of displaced acetabular fractures remains a challenging task for orthopaedic surgeons. Since the landmark paper of Judet et al in 1964, the approach to management of acetabular fracture has changed towards fixation, with early operation now recommended. It has reduced the complication rates, mobilisation time, length of stay and morbidity. The aim of this study was to evaluate the early outcome in patients who underwent internal fixation for acetabular fractures at Hospital Serdang from January 2016 to June 2018 (30 month).

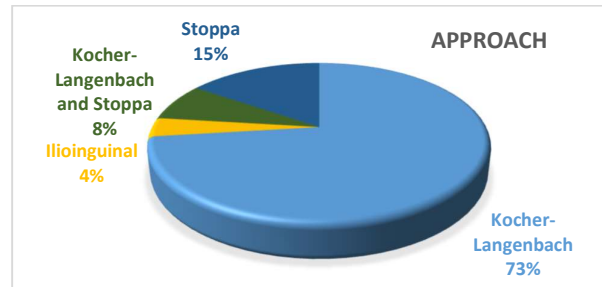
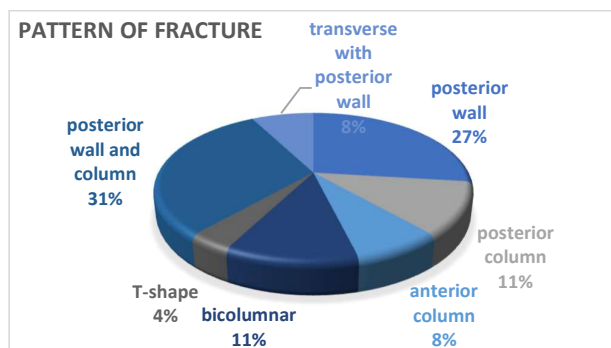
Methods

We retrospectively reviewed 26 patients with acetabular fractures of various types from January 2016 to June 2018 (30 months) with a minimum of 6 month follow up. We look into early outcomes (after 3 months post op) late outcome (more than 6 months follow up post op) of in term of clinical and radiological findings.

Results

There were 22 males and 4 females. Mean age was 35.6 years with the youngest aged 16 and the oldest aged 75 years old. The mean duration of stay was 19.5 days. Duration of follow-up was from 6 till 24 months. All cases were result of motor vehicle accident.

Post operatively all patient were ambulating full weight bearing by the third month post-operative and were able to ambulate well after 6 month of operation.



EARLY COMPLICATION	INCIDENCE
INFECTION	0
SCIATIC NERVE INJURY	0
DVT / PULMONARY EMBOLISM	0
REVISION SURGERY	0

LATE COMPLICATION	INCIDENCE
DEGENERATIVE CHANGES	3
NON UNION	0
INFECTION	0
AVASCULAR NECROSIS	1
HETEROTOPIC OSSIFICANS	1

Conclusion

Most patients treated for acetabular fractures with operative fixation in our facility showed good outcomes with very few complications.

References

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