

# Hip-Hip Not Hooray , A Rare Case of Luxatio Erecta Femoris

Joshua LEK, Richford J MS ORTHO (UKM), Rashdeen Fazwi MS ORTHO (UKM)

Department of Orthopaedic, Hospital Selayang, Selangor, Malaysia

## INTRODUCTION:

Luxatio erecta femoris or inferior hip dislocation is the least common of all dislocations, accounts only 2-5%<sup>[1]</sup>. Hip dislocations associated with femoral head fractures are typically result of high-energy trauma<sup>[2]</sup>.

## REPORT:

A 26 years old male had alleged motorbike accident, presented with painful left hip in externally rotated and abducted position. No neurovascular involved.

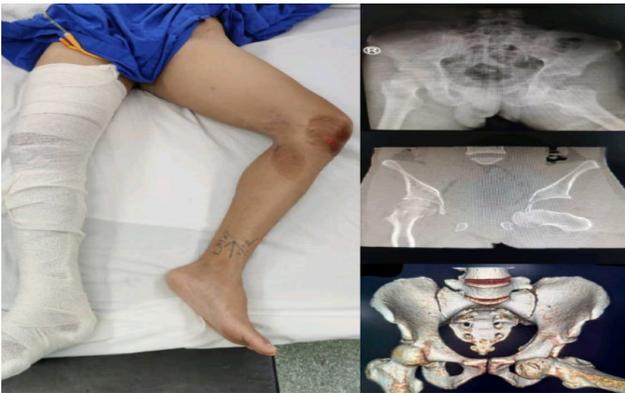


Figure 1: Left inferior hip dislocation with femoral head fracture.



Figure 2: Post reduction shows successful reduction of left hip.

Closed manipulative reduction (CMR) under general anesthesia (GA) was proceed after failed reduction under sedation. Successful reduction is achieved by maintaining abduction

with continuous axial traction and counter-traction. Post reduction hip was stable in all direction of motion and no neurovascular deficit. Patient was kept monitored for two days and discharged with non weight bearing for six weeks.

## CONCLUSION:

Inferior hip dislocations are rare, especially in adults. CT scan helps in the diagnosis of offending structures and identifying loose bodies or associated fractures<sup>[3]</sup>. There is risk of complications for all hip dislocations which includes avascular necrosis (10%) , associated fractures (<40%) , neurovascular compromise (<25%) and articular cartilage (6%)<sup>[1]</sup>. If the hip is congruous and there are no associated fractures of the acetabulum or femoral head that require surgery, then non operative management is generally definitive<sup>[3]</sup>. Closed reduction is usually possible under general anesthesia and prognosis after reduction is excellent<sup>[4]</sup>.

## REFERENCES:

1. Ismael, Salam et al. "Adult Traumatic Inferior Hip Dislocation: Rare Case Ended with Open Reduction." *Journal of orthopaedic case reports* vol. 7,1 (2017): 101-104. doi: 10.13107/jocr.2250-0685.708
2. Frederick M. Azar., James H. Beaty., (2021) *Campbell's Operative Orthopaedics*, (14<sup>th</sup> ed., Part.XV), Fractures and Dislocations of the Hip, Elsevier.
3. Charles M. Court-Brown., James D. heckman., Margaret M. McQueen., William M. Ricci., Paul Tornetta III., (2015) *Rockwood and Green's*, (8<sup>th</sup> ed., Vol 1., Sec 4), Hip Dislocations and Fractures of the femoral head , Wolters Kluwer
4. Sameer, Aggarwal, et al. "Inferior dislocation of the hip: a case series and literature review." *Chinese Journal of Traumatology* 15.05 (2012): 317-320.