

## HELP I'M STUCK !! HIP FUSION TAKEDOWN

HARWINDER SINGH GILL, KUNALAN GANTHEL, JEFFREY JAYA RAJ, MURALI GOVINDASAMY  
DEPARTMENT OF ORTHOPAEDIC AND TRAUMATOLOGY HOSPITAL KUALA LUMPUR

### INTRODUCTION:

Idiopathic Chondrolysis of the Hip (ICH) is a rare condition, characterized by the rapidly progressive destruction of articular cartilage in the hip joint, in the absence of known aetiologies. Patient will complaint of intense pain, motion restriction and often limping due to shortening of the limb. Diagnosis is made by exclusion of other hip diseases with similar symptoms and signs. Concentric narrowing of joint space without frank osteophyte formation in conjunction with periarticular osteopenia is the hallmark radiographic finding.

### REPORT:

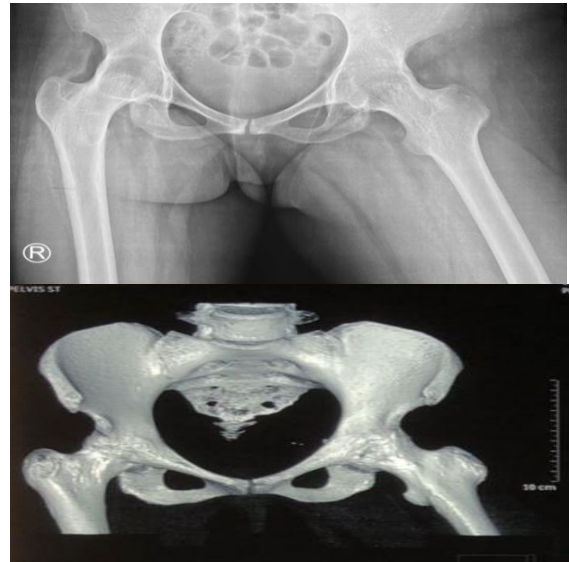
A 30 years old lady been complaining of bilateral hip pain for the past 17 years. It was sudden onset and have been progressively worsening. Patient denied any history of fall or trauma. She was thoroughly investigated for infection at that time and claimed all was negative. Over time, patient claim activity of daily living was progressively worsened, patient decided to seek treatment and was referred to our centre.

On examination, bilateral hip was fused, left lower limb was at 20 degrees flexion with neutral rotation and adducted while the right lower limb was flexed in almost neutral alignment and adducted. After discussion with patient, patient agreed for Total hip replacement and proceeded with the left hip first in view of more marked deformity. Patient underwent takedown of the left hip and left total hip replacement with modular stem.

During intraoperative, noted that the femur head was fused hence an intercalary cut over the neck was used to displace the shaft. Acetabulum was then reamed with the fused head in situ.

### PRE OPERATIVE XRAY

- Bilateral hip are fused



### POST OPERATIVE XRAY



### CONCLUSION:

Takedown of a fused hip can be a challenging procedure. Although patient can benefit functionally, both patient and surgeons need to be aware of the complications and increased risk of further revision procedures.

### REFERENCES:

1. Idiopathic Chondrolysis of the hip  
Report of 3 cases  
Malaysian Orthopaedic Journal 2014 Vol 8
2. Idiopathic Chondrolysis of the hip  
Acta Orthop. Belg., 2007, 73, 653-657