

Bilateral Congenital Dislocation Of Knee: Report Of Two Cases

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INTRODUCTION:

Congenital dislocation of knee is a rare disorder that was first reported by Chatelaine in 1822 and its incidence has been recorded to be up to 100 times rarer than congenital dysplasia of the hip. Due to scarcity of cases being reported in literatures of paediatric and radiology, it is often viewed with ambiguity.

CASE REPORT:

We present two neonates which was delivered at our institution that had this anomaly. The first case was a malay newborn boy delivered via spontaneous vertex delivery at 36 weeks by a primigravida mother with an antenatal history complicated with intrauterine growth restriction. He presented with bilateral dislocation of the knee and dysmorphic features of down syndrome. The second case was a malay newborn girl delivered via spontaneous vertex delivery at 39 weeks by a mother with an uneventful antenatal history. She presented with bilateral dislocation of knee and bilateral dysplasia of hip. Both patients were treated conservatively with serial casting and pavlik harness.

DISCUSSION:

This report will discuss the presentation, classification, associated congenital anomalies, current theories in its aetiology and latest advancements in treatment of congenital dislocation of knee.

Key Words:

Congenital dislocation of knee, Genu recurvatum, Arthrogryposis

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