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Using humeral nail for surgical reconstruction of femur in adolescents with osteogenesis imperfecta

Paphon Sa-ngasoongsong, Tanyawat Saisongcroh, Chanika Angsanuntsukh, Patarawan Woratanarat, Pornchai Mulpruek

Abstract

5 Osteogenesis imperfecta (OI) is a rare inherited connective tissue disorder caused by mutation of collagen which results in a wide spectrum of clinical manifestations including long bone fragility fractures and deformities. While the treatment for these fractures was recommended as using intramedullary fixation for minimizing stress concentration, the selection of the best implant in the adolescent OI patients for the

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