Benefits of Pamidronate Treatment in Osteogenesis Imperfecta

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Abstract
Osteogenesis imperfecta is a hereditary disorder of connective tissues characterised by low bone mass and bone fragility. Previous studies demonstrated that cyclical pamidronate therapy is effective in increasing bone density and improving clinical outcomes in children with osteogenesis imperfecta. We report our experience in treating two children with cyclical intravenous pamidronate infusion. The benefits and problems of the treatment are discussed. (HK J Paediatr (new series) 2005;10:66-70)

Key words: Osteogenesis imperfecta; Paediatric; Pamidronate treatment