A Rare Cause of Symptomatic Neonatal Hypocalcaemia

EKC Yau, AWF Cheng, SY Lee, CB Chow

Neonatal hypocalcaemia due to maternal hyperparathyroidism is a well-known but relatively rare condition. A 10-day-old infant presented with neonatal convulsion was found to have hypocalcaemia, hypomagnesium, hyperphosphataemia and inappropriately low parathyroid hormone level. Investigation of the asymptomatic mother showed hypercalcaemia due to parathyroid adenoma. Evaluations of both neonatal and maternal parathyroid status are indicated in investigation of neonatal hypocalcaemia. (HK J Paediatr (new series) 2003:8:121-125)

Key words: Hyperparathyroidism; Neonatal hypocalcaemia; Seizures