# Case report of a young male with multiple endocrine neoplasia type 1 with insulinoma and hyperparathyroidism presenting with symptomatic hypoglycaemia


## Abstract

28 year old previously well patient presented with brief episodes of loss of consciousness in the morning with associated excessive sweating and drowsiness following the episode. Symptoms were relieved by consumption of a sugary drink. He also had significant weight gain of 20kg within last 1.5 years. He denied consumption of insulin or any oral hypoglycemic drugs. His father had a history of hyperparathyroidism for which he underwent parathyroidectomy. Whipple's triad was fulfilled in this patient. There was fasting hypoglycemia demonstrated by prolonged fasting test and there was high fasting serum C peptide levels and insulin levels with evidence of focal pancreatic lesion on imaging. The clinical picture was suggestive of insulinoma. He also had asymptomatic hypercalcemia and evidence of parathyroid hyperplasia on imaging. Multiple endocrine neoplasia type 1 (MEN 1) with Insulinoma and hyperparathyroidism was diagnosed. MEN 1 gene was positive and the ultimate diagnosis of familial MEN 1 syndrome was made due to the background family history of hyperparathyroidism.



**Key words**; fasting hypoglycaemia, whipple's triad, insulinoma, MEN 1