

**Abstract**

Acquired hypoparathyroidism is often secondary to autoimmune destruction of the gland or post surgical, latter being more common in adults. Post surgical hypoparathyroidism usually occurs following thyroid, parathyroid or radical neck surgery. Hypoparathyroidism causes impairment of calcium homeostasis result in hypocalcaemia.

A 24-year-old Sri Lankan male presented with sub acute onset psychotic symptoms. He had undergone total thyroidectomy for refractory Graves' disease. He was found to be hypocalcaemic. A diagnosis of hypocalcaemia induced psychosis was made having excluded the other causes which gradually responded with correction of hypocalcaemia.

Organic causes always should be considered in a patient presenting with psychosis. Severe hypocalcaemia has a wide variety of symptoms one of which being neuropsychiatric symptoms. In order to prevent post surgical acquired hypoparathyroidism induced hypocalcemia, patient should be closely monitored and treated with calcium supplementation.