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A case of parathyroid adenoma presented as recurrent pancreatitis

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Objectives : Fifty nine year old male patients was admitted to Gastroenterology Department for acute pancreatitis.

Methods :

Results : Fifty nine year old male patients was admitted to Gastroenterology Department for acute pancreatitis. He had suffered recurrent episodes of acute pancreatitis with unknown etiology for three times. Despite elevated serum total calcium level (11.4mg/dL) at first admission, it remained unnoticed and did not receive medical attention. During the third admission, laboratory tests including ionized calcium, parathyroid hormone and vitamin D were performed. The parathyroid hormone level was 46.7 pg/mL (정상범위) and $1\alpha,25(\text{OH})_2$ vitamin D level was 49.3 pg/mL (정상범위). The presence of adenoma was confirmed by TC-99m MIBI parathyroid scan image that showed slightly increased residual uptake at the right lower pole in 120 min delayed image.

Conclusions : In case of pancreatitis without specific causes, hypercalcemia possible due to parathyroid adenoma or other malignancies should be considered.

Keywords : Hypercalcemia, parathyroid adenoma, pancreatitis