中文題目：在一位 54 歲女性出現促腎上腺皮質激素分泌型的嗜鉻細胞瘤

英文題目：A 54-year-old woman with ACTH-secreting pheochromocytoma

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Introduction: Cushing's syndrome (CS) is an endocrine emergency due to its complications. 80–85% are adrenocorticotropic hormone (ACTH) dependent and 15–20% are ACTH independent. In ACTH-dependent CS, extra-pituitary (ectopic) tumors which lead to ectopic ACTH syndrome secretion (EAS) are account for estimated 5-10%. Locations are various, mainly represented by small-cell lung carcinomas, only less than 5% of all reported EAS cases were found with pheochromocytoma (PCC).

Case Presentation: We present a case of a 54-year-old woman who suffered from abdominal pain. Abdominal CT revealed adrenal incidentaloma, which was found to have ectopic CS secondary to an ACTH-producing PCC. The patient underwent left adrenalectomy uneventful. Pathology results confirmed the diagnosis of PCC.

Discussion: Cushing's syndrome related to ectopic ACTH secreting pheochromocytoma is extremely rare and can be fatal. We discuss about the evaluation of adrenal incidentaloma and two issues of our patient. Firstly, her initial presentation as epigastric pain, jaundice and elevated liver function. Secondary, lab data as high renin and aldosterone levels found with PCC.

Conclusion: We report a case of a patient with ACTH secreting PCC accompanied by rare clinical symptoms such as abnormal liver function tests, leukocytosis as well as secondary hyperaldosteronism. Problem resolved after surgical resection was done.