

## Case Report

# Ampullary Adenocarcinoma Presenting with Acute Pancreatitis and Anemia

Hung-Da Chen<sup>1</sup>, Wen-Hsiung Chang<sup>1,2\*</sup>, Kuo-Shyang Jeng<sup>3</sup>, Yu-Jen Chen<sup>4</sup>, Huan-Chao Lin<sup>5</sup>,  
Shou-Chuan Shi<sup>1,2</sup>, Yu-Ren Chen<sup>6</sup>

<sup>1</sup>Division of Gastroenterology, Department of Medicine, Mackay Memorial Hospital, Taipei, Taiwan

<sup>2</sup>Mackay Medicine Nursing and Management College, Taipei, Taiwan

<sup>3</sup>Department of Surgery, Far Eastern Memorial Hospital, Taipei, Taiwan

<sup>4</sup>Department of Pathology, Mackay Memorial Hospital, Taipei, Taiwan

<sup>5</sup>Division of Hematology and Oncology, Department of Medicine, Mackay Memorial Hospital, Taipei, Taiwan

<sup>6</sup>Department of Radiation-Oncology, Mackay Memorial Hospital, Taipei, Taiwan

### Abstract.

Adenocarcinoma of the ampulla of Vater is an uncommon malignancy. Jaundice is the most common presentation of ampullary cancer, and about 70% of patients present with jaundice. Other common symptoms include abdominal pain and weight loss. Only 3-5 % of patients with ampullary cancer are associated with acute pancreatitis. About one-third of patients with ampullary cancer present anemia. We report a case of ampullary cancer, presenting with severe anemia and acute pancreatitis but not jaundice. Abdominal ultrasonography and abdominal computed tomography revealed dilatation of the common bile duct, intra-hepatic duct, and pancreatic duct. Endoscopic retrograde cholangiopancreatogram showed a tumor of the ampulla of Vater, and biopsy proved adenocarcinoma of the ampulla of Vater. The patient underwent Whipple's resection, and adjuvant chemotherapy and radiotherapy. She died 10 months after operation because of cancer recurrence and metastasis.

**Keywords :** ampullary carcinoma, jaundice, pancreatitis

## 病例報告

### 壺腹癌罕見的以急性胰臟炎及貧血為表現

陳泓達<sup>1,2</sup> 張文熊<sup>1,2\*</sup> 鄭國祥<sup>3</sup> 陳瑜珍<sup>4</sup> 林煥超<sup>5</sup> 施壽全<sup>1,2</sup> 陳裕仁<sup>6</sup>

<sup>1</sup>馬偕紀念醫院 胃腸肝膽科

<sup>2</sup>馬偕醫護管理專科學校

<sup>3</sup>亞東紀念醫院 外科部

<sup>4</sup>馬偕紀念醫院 病理科

<sup>5</sup>馬偕紀念醫院 血液腫瘤科

<sup>6</sup>馬偕紀念醫院 放射腫瘤科