

中文題目：類似自體免疫胰臟炎的影像表現：皮膚黑色素瘤之胰臟轉移

英文題目：“Sausage-like” pancreas not caused by autoimmune pancreatitis: a case of melanoma metastasized to pancreas

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### ***Background:***

“Sausage pancreas” is a unique presentation on the cross-sectional images which demonstrates presents diffuse pancreatic enlargement, loss of surface clefts and/or capsule-like rim which imply autoimmune pancreatitis. Herein, we present a case with “Sausage pancreas” not caused by autoimmune disease.

### ***Method (Case Presentation):***

The 78-year-old patient has a history of right flank skin melanoma with small intestine metastasis, post surgical resection and immune checkpoint inhibitors (pembrolizumab and ipilimumab). Endocrinopathies including adrenal insufficiency and thyroiditis developed after the treatment but the cancer status also achieved complete response. He was brought to our emergency room due to epigastric pain for two weeks. After series examination, abdomen MRI disclosed pancreas diffuse enlargement with dilated main pancreas duct. PET-CT demonstrated suspected pancreas tumor with lymphadenopathy and peritoneal seeding. Further, EUS-FNA was performed to gain tissue proof from pancreas.

### ***Results & Outcome:***

The pathological immunostain report showed positive of SOX-10 and HMB-45 and negative for Melan-A, which was compatible with metastatic melanoma. 2nd line therapy with Ipilimumab and Nivolumab were prescribed every three weeks. Therefore, if a case presents with a “sausage-like” pancreas, malignancy etiology should be listed as a differential diagnosis.