

Multiple Pancreatic Metastasis of Clear Renal Cell Carcinoma Associated with Neuroendocrine Tumor

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Abstract

Introduction: Metastatic tumors of the pancreas are uncommon, but renal cell carcinoma is one of the few known cancers that can metastasize to the pancreas. Few cases have been reported as being metachronous multicentric metastases to the pancreas, but none associated with a pancreatic neuroendocrine tumor and reported in literature, to our knowledge.

Case presentation: We describe a case of 66-year-old woman who was diagnosed with multicentric pancreatic metastases from clear renal cell carcinoma associated with concomitant pancreatic neuroendocrine tumor, after 14 years from the initial diagnosis of kidney cancer. For this patient, the symptoms were unspecific for neoplastic disease, she had multiple pancreatic metastases which is an uncommon finding, but even rarer was the association of metastases with neuroendocrine tumor in the pancreas. Because of the good outcome and survival, surgical resection is recommended for solitary and multiple pancreatic metastases, as well as for pancreatic neuroendocrine tumors.

Conclusion: Differential diagnosis for multiple pancreatic tumors is undisputedly important, even though it would not have changed anything in our patient's preoperatively course. Patients with renal cell carcinoma must follow long-term surveillance with regular examination and imaging investigation so that any possible metastases can be detected early and treated properly.

Key words: clear renal cell carcinoma, pancreatic metastases, pancreatic neuroendocrine tumors