

Colorectal Pancreatic Metastases: A Three-Case Series and Literature Review

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Abstract

Introduction: Pancreatic metastases are very rare tumors comprising 2-5 % of all malignant tumors of the pancreas. Colorectal pancreatic metastases are rare – 1.7%.

Clinical features: Three patients with colo-rectal pancreatic metastasis were resected in our department. The immunohistochemical examination was positive for colorectal origin. Extensive imaging work-up excluded extrapancreatic disease and allowed the surgical resection.

Results: Three patients with personal history of colorectal cancer (2 – colon, 1 – rectal) were diagnosed with isolated pancreatic metastasis (2 in the head and one in body). Standard pancreatic resections were performed (2 pancreatoduodenectomies and one distal spleno-pancreatectomy). One patient with associated vascular resection died postoperatively. The other two developed extrapancreatic recurrence and only one was resected (alive and disease free); the other died under systemic therapy.

Conclusions: Surgical resection is recommended in selected patients, surgically fit, with resectable oligometastatic disease, in high-volume center with experience in pancreatic surgery.

Key words: colorectal cancer, pancreatic metastasis, immunohistochemistry, pancreatic resection