

Hypoplasia of exocrine pancreas with myocardial necrosis

Xiang-Sheng Zhang, Xin-Xiu Xu, Yan Zhang, Shu-Hua Wu

Xiang-Sheng Zhang, Yan Zhang, Shu-Hua Wu, Department of Pathology, Binzhou Medical College, Binzhou 256603, Shandong Province, China

Xin-Xiu Xu, Binzhou District Hospital, Binzhou 256603, Shandong Province, China

Author contributions: All authors contributed equally to the work.

Correspondence to: Dr. Xiang-Sheng Zhang, Department of Pathology, Binzhou Medical College, Binzhou 256603, Shandong Province, China
Telephone: +86-543-3324131-6242

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Abstract

AIM: To study the clinical and pathological features of hypoplasia of exocrine pancreas with myocardial necrosis.

METHODS: One case of hypoplasia of exocrine pancreas with myocardial necrosis was autopsied. The clinical signs and pathological changes were analyzed.

RESULTS: A 15-mo-old boy with hypoplasia of exocrine pancreas was reported. The main clinical features were steatorrhea and marked underdevelopment. He died of acute heart failure after hospitalization. Autopsy showed that there were aplasia of exocrine portion and fatty metaplasia of pancreas, the myocardium revealed focal necrosis and scar formation.

CONCLUSION: Atrophy of exocrine pancreas and myocardial necrosis exist at the same time, suggesting that there may be some relationship between them. It was likely that the damaged pancreatic tissue released some active materials that may harm the myocardium or decrease pancreatic juice that results in lack of nutrient and myocardial necrosis.

Key words: Hypoplasia, exocrine pancreas; Myocardial disease; Adipose metaplasia; Pancreas

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