



## Hypoplasia of exocrine pancreas with myocardial necrosis

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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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