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Summary

FROM ONSET TO RESOLUTION: THE NATURAL HISTORY OF PANCREATIC FLUID COLLECTIONS IN ACUTE PANCREATITIS

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Pancreas

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A prospective study of 253 acute pancreatitis patients found that 75% of pancreatic fluid collections resolved spontaneously within 6 months, with most complications occurring in the first 3 months.

KEY POINTS

- Among 253 prospective patients (median age 34.56 years, 81.5% male), the most common fluid collection type was acute necrotic collection (90.9%), followed by walled-off necrosis (7.9%).
- Venous thrombosis was present in 68% of patients, predominantly in the retropancreatic splenic vein, and was the most common complication.
- In the first 3 months, 18 patients (14.4%) required intervention, most commonly EUS-guided cystogastrostomy with stent placement (19.6%), while 20.6% of non-intervention patients showed complete resolution.
- Between 3 and 6 months, an additional 14 patients (11.2%) required intervention, and complete resolution was observed in 28.5% of non-intervention patients.
- Mortality rate was 8.4%, and the authors conclude that close monitoring is most important during the first 3 months when complications and relapses are most frequent.

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