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Summary

UPDATED MORBIDITY AND MORTALITY RATES OF ACUTE PANCREATITIS BASED ON DATA FROM THE FEDERAL STATISTICS OFFICE OF GERMANY

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Pancreas

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Analysis of German DRG data from 2018-2019 found an acute pancreatitis incidence of 65.5 per 100,000 person-years with overall mortality of 2.4%, rising to 24.9% in patients with severe disease requiring intervention.

KEY POINTS

- Among 109,064 acute pancreatitis patients in Germany, 86.8% had mild disease while 13.2% had at least one organ failure or local complication.
- Organ failures included respiratory failure in 7.3%, renal failure in 6.4%, circulatory failure in 1.6%, and liver failure in 0.6% of patients.
- Interventions included intensive care admission in 3.5%, invasive ventilation in 3.1%, pancreatic drainage in 1.8%, necrosectomy in 1.1%, and renal replacement therapy in 1.3%.
- Mortality was 2.4% overall, 14.9% in patients with organ failure or local complications, and 24.9% in the 5.5% with severe disease requiring ventilation, dialysis, or treatment for local complications.
- The reported incidence is notably higher than previous surveys, though German mortality rates appear on the lower end of the international range.

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