A 7-YEAR RETROSPECTIVE COHORT STUDY: EPIDEMIOLOGY, ETIOLOGY, SEVERITY AND COSTS OF ACUTE PANCREATITIS IN A ROMANIAN LARGE TERTIARY CENTER

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A retrospective analysis of 1503 acute pancreatitis episodes in Bucharest (2015–2022) found median daily costs of 170.91 EUR, with higher costs associated with surgical cases, greater severity, biliary etiology, and local complications, representing the first report of acute pancreatitis costs in Romania.

KEY POINTS

- Median daily cost was 170.91 EUR across 1246 episodes with available cost data from University Emergency Hospital of Bucharest.
- Costs were significantly higher for severe acute pancreatitis (229.23 EUR) compared to mild cases (162.26 EUR), and highest among patients who died (204.84 EUR) versus those healed (118.57 EUR).
- Surgical acute pancreatitis cases, biliary etiology (139.34 EUR), and acute necrotic collections (123.29 EUR) incurred significantly higher daily costs than gastroenterological cases, alcoholic etiology (79.31 EUR), and interstitial pancreatitis (84.80 EUR).
- Age, sex, and ICU admission showed no significant correlation with daily costs.
- This represents the first population-based cost analysis of acute pancreatitis in Romania, providing baseline economic data for resource planning in a tertiary center.

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