

11TH GLOBAL GASTROENTEROLOGISTS MEETING

June 12-13, 2017 Rome, Italy

Acute pancreatitis cases in Turkey: A review of the literature from 1980 to 2016

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This study is a review of the literature related to acute pancreatitis in Turkey. In order to find the published reports on this subject, national database (Tubitak Ulakbim Turkish Medical Literature database, <http://www.turkishmedline.com>, and two international databases [Index Medicus and Science Citation Index (SCI)-expanded] were searched. Key words for national database were acute pancreatitis, akut pankreatit and the key words for index medicus and SCI-e were acute pancreatitis and Turkey. More than three published case reports were included. Data for 959 patients with acute pancreatitis were obtained from 13 reports. Of the patients, 381 (40%) were males and 578 (60%) females. Their ages ranged from 16 to 107 years. Etiological factors were biliary in 674 (70%), alcohol in 70 (7%), hyperlipidemia in 40 (4%), diuretic usage in 12 (1%) and trauma in 11 (1%). 152 of all patients (16%) etiology were non-specific. Mortality was seen in 128 cases (13%). 265 (28%) patients had necrotizing pancreatitis. Of these necrosis rate is less than 30% in 76 (29%), 30-50% in 70 (26%), 50% in 107 (40%) patients. 12 patients (5%) had extra-pancreatic necrosis. 49 patients (5%) had abscesses in abdomen, 35 patients (4%) had pancreatic fistula, 16 patients (2%) had pseudocyst, 12 patients (1%) had bleeding into the abdomen, 10 patients (1%) had bile fistula, 10 patients (1%) had enterocutaneous fistula and seven patients (1%) had pancreatic abscesses. 12 patients (1%) had endocrine pancreatic insufficiency, three patients (0.3%) had exocrine pancreatic insufficiency. 59 of all patients (6%) developed multiple organ failure. Relaparotomy was performed in 19 patients (7%) with necrotic pancreatitis. Despite continuing technological advances in diagnosis and treatment, acute pancreatitis remains a disease with high morbidity and mortality.

Biography

Bulent Calik has completed his MD at Cukurova University, Turkey and Post-doctoral studies at Saglik Bilimleri University, Tepecik Education and Research Hospital in General Surgery department. He is the Chief Assistant at Saglik Bilimleri University Izmir Tepecik Education and Research Hospital. He is interested in Oncological Surgery, Robotic Surgery, Laparoscopic Surgery and Colorectal Surgery. He has published more than 20 papers in reputed journals and has been serving as an Editorial Board Member of repute.

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