

Endoscopic treatment of biliopancreatic diseases in children: Analysis of 31 patients

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An observational, descriptive study of the records of 53 endoscopic retrograde cholangiopancreatography (ERCP) performed on 31 patients of pediatric age with suspected biliopancreatic disorders at the National Center for Minimal Access Surgery was performed over a period of 2 years and 7 months, from 11 February 2013 to 28 July 2015. Of the total, 8 patients (27%) were male, and 22 (73%) female; 14 (26%) were diagnostic and 39 (74%) therapeutic. The primary indication was to study pain with elevated enzymes in 27 (50%), and the main diagnosis was postoperative benign common bile duct-anastomosis stricture in 14 patients (26%), followed by 10 normal ERCP (19%). The intervention used was endoscopic sphincterotomy (16) for placement of prosthesis (7), followed in frequency with stone extraction (6). There were complications in 2 cases, one (2%) in 21 therapeutic procedures, and one (2%) at diagnosis. Mortality was zero. Our results showed a higher diagnostic usefulness and therapeutic success of ERCP with minimal risk and complications in pediatric patients.

Biography

Raúl A Brizuela Quintanilla has completed his Medical Doctor studies in the Havana University School of Medicine, PhD in the Sciences Academy of Cuba and Post-doctoral studies from Havana University School of Medicine. He is the Head of Therapeutic Endoscopy and Gastroenterology Department in the National Center of Minimal Access Surgery, Havana, Cuba, a Titular Professor of Medicine from Havana University School of Medicine. He has published more than 51 articles in reputable journals and contributed in 4 textbooks. He has presented more than 50 papers in national and international events and is a member of the Cuban Society of Minimal Access Surgery and Gastroenterology.

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