

Retrospective Study Minimally Invasive Management of Postoperative Lithiasis of the Common Bile Duct

B.A. Safta^{1,2}, M. Grigoriu^{1,3}, R. Palade^{1,3}, D. Ion^{2,3}, D.N. Păduraru^{2,3}, A. Bolocan^{2,3}

¹Ist Emergency General Surgery Clinic, Emergency University Hospital, Bucharest, Romania

²IIIrd Emergency General Surgery Clinic, Emergency University Hospital, Bucharest, Romania

³"Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

Abstract

Introduction: Postoperative common bile duct (CBD) lithiasis holds a significant place in the bilio-pancreatic pathology, both due to its high frequency as well as to the diagnostic and treatment issues it triggers.

Material and Methods: Based on a 5-year experience (2008-2012), assessed retrospectively, totalling 51 patients with postoperative lithiasis of CBD, we tried to elaborate on several recommendations for the treatment of this pathology. The recommendations were guided by the existing alternative therapeutic options and by the ideas in the literature regarding the results achieved by every manner of treatment.

Results: The rate of clearance of the CBD was of 93.6%, the morbidity rate was of 10.65% and the mortality rate was of 0%, which entitles us to deem the effectiveness of the minimally invasive treatment as maximum in the treatment of this pathology.

Conclusions: The endoscopic treatment of postoperative lithiasis of the CBD proved to be possible, efficient and we believe it good to be used as a principle; open surgery should be the solution in case of failures or of contraindications to minimally invasive treatment

Key words: choledochal lithiasis, ERCP, endoscopic sphincterotomy

Corresponding author: D.N. Păduraru, MD

Surgical Department III, Emergency University Hospital, Bucharest, Romania

E-mail: dan.paduraru.nicolae@gmail.com