

RESULTS OF VIDEO LAPAROSCOPIC CORRECTION OF BILIARY REFLUX GASTRITIS IN POSTCHOLECYSTECTOMY SYNDROME

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Abstract. *The study included patients with clinically, endoscopically, and histologically confirmed biliary reflux gastritis who had undergone cholecystectomy and were refractory to medical treatment. All patients were treated using minimally invasive video laparoscopic techniques aimed at restoring physiological duodenogastric passage and preventing pathological bile reflux. Clinical symptoms, endoscopic findings, and postoperative complications were assessed in the early and late postoperative periods.*

The results demonstrated a significant reduction in dyspeptic symptoms, epigastric pain, and bile reflux manifestations after surgical intervention. Endoscopic evaluation revealed marked regression of inflammatory changes in the gastric mucosa and a decrease in bile content in the stomach. The video laparoscopic approach was associated with low morbidity, minimal postoperative pain, and rapid recovery.

Keywords. *Biliary reflux gastritis, postcholecystectomy syndrome, diagnosis, treatment.*

Introduction. Biliary reflux gastritis is a frequent manifestation of postcholecystectomy syndrome and remains a challenging condition due to persistent clinical symptoms and limited effectiveness of conservative therapy. The aim of this study was to evaluate the outcomes of video laparoscopic surgical correction of biliary reflux gastritis in patients with postcholecystectomy syndrome[2,3].

The problem of treating cholelithiasis remains relevant, despite many studies and publications. In the postoperative period, 8-87% of patients experience pain and dyspeptic disorders. One of the key reasons for postcholecystectomy syndrome is untimely diagnosis and correction of reflux gastritis, which in the long-term postoperative period is complicated by postcholecystectomy reflux gastritis[1,4,5].

The aim of the study was to study the effectiveness of videolaparoscopic correction of reflux gastritis in patients with postcholecystectomy syndrome.

Materials and methods. The study is based on an analysis of clinical data from 80 patients treated in the surgical department from 2017 to 2023. To determine the incidence of postcholecystectomy reflux gastritis, the total number of patients diagnosed with gallstone disease admitted during this period was determined-571 people (100%). Of these, 160 patients (27.8%) presented with symptoms of postcholecystectomy syndrome, while 48 (45.7%) of them were diagnosed with reflux gastritis, and 50 patients (17%) required exclusively surgical correction.

The results and discussion. In patients with postcholecystectomy syndrome, reflux gastritis of varying severity occurred in 45.9% of cases after cholecystectomy performed open or laparoscopically. Of these, 17% of patients with reflux gastritis required only surgical correction. In 24% of cases, the cause of the development of reflux gastritis was insufficiency of the pyloric sphincter, and in 76% - a chronic disorder of duodenal patency (functional or organic in nature).

Conclusion. Thus, the method of video laparoscopic anti-reflux intervention in patients with PCES, developed and improved by us, is highly effective, which allows improving both immediate and long-term results of operations.

REFERENCES

1. Farsakh N. A. A., Stietieh M., Farsakh F. A. A. The postcholecystectomy syndrome: a role for duodenogastric reflux //Journal of clinical gastroenterology. – 1996. – T. 22. – №. 3. – C. 197-201.
2. Kitaghenda F. K., Hidig S. M. The Prevalence of Bile Reflux Gastritis Following Cholecystectomy: A Meta-Analysis and Systematic Review //Clin Case Rep Int. 2024; 8. – 2024. – T. 1706.
3. Othman A. A. A. et al. Post-cholecystectomy bile reflux gastritis: Prevalence, risk factors, and clinical characteristics //Chronic Illness. – 2023. – T. 19. – №. 3. – C. 529-538.
4. Farsakh N. A. A., Stietieh M., Farsakh F. A. A. The postcholecystectomy syndrome: a role for duodenogastric reflux //Journal of clinical gastroenterology. – 1996. – T. 22. – №. 3. – C. 197-201.
5. Qureshi M. A. et al. Post-cholecystectomy symptoms after laparoscopic cholecystectomy //Annals of the Royal College of Surgeons of England. – 1993. – T. 75. – №. 5. – C. 349.