

International Congress on

SURGERY AND DEMENTIA

May 22-23, 2019 | Tokyo, Japan

Laparoscopic repair of hiatal hernia, complicated by gastroesophageal reflux disease

Sovpel Igor Vladimirovich

Donetsk National Medical University, Ukraine

Background & Aim: Hiatal hernia is a common disorder, that in most cases complicated by gastroesophageal reflux disease. The main objectives of the surgical treatment of symptomatic hiatus hernia are the reduction of symptoms, improvement in quality of life and reduce the risk of life-threatening complications. Recently, the procedure is not standardized, and most reports contain small cohorts of patients and short follow-up periods. The purpose of this study is to analyze short-term and long-term results of surgical treatment of patients with hiatal hernia complicated by gastroesophageal reflux disease.

Method: A retrospective analysis of the short-term and long-term results of treatment of 171 patients suffering hiatal hernia complicated by gastroesophageal reflux disease was performed. All patients were underwent laparoscopic hiatal hernia repair supplemented by Nissen fundoplication-109 patients and Toupet fundoplication-62 patients.

Result: The duration of hospital stay was 7.2 ± 1.6 days. The duration of surgical intervention was 144 ± 17.8 min. Mild functional dysphagia was noted in 30 (17.5%) patients. Persistent long-term dysphagia in the late postoperative period was observed in 10 (5.8%) patients. The recurrences of hiatal hernia or GERD were noted in 32 (18.7%) patients in 5 years after surgery. The total GERD-HRQL questionnaire score in 5 years after surgery was 6.7 ± 2.9 compared to the baseline score of 31.2 ± 6.3 before the surgery. 121 (70.8%) patients reported satisfaction after surgery and 26 (15.2%) were neutral.

Conclusion: Positive functional results after surgical treatment were noted in 86% of patients. The high frequency of dissatisfactory results in the long-term period requires a more depth analysis in order to find the causes and possible ways to improve the results of surgical treatment of patients with this pathology.

Biography

Sovpel Igor Vladimirovich has been working at the G.V. Bondar Republican Cancer Center in Donetsk, Ukraine.

rsovpelman@gmail.com

Notes: