

JOINT EVENT

12th Global Gastroenterologists Meeting
&3rd International Conference on Metabolic and Bariatric Surgery

March 15-16, 2018 Barcelona, Spain

Efficiency of tofisopam in the treatment of patients with esophageal spasmPichugina I M¹ and Firsova LD²¹Federal Scientific Clinical Center of Reanimatology and Rehabilitation, Russia²Moscow Clinical Scientific Center, Russia

Introduction: The esophageal spasm amounts 3-16% of all esophageal diseases. Psychopharmacology in primary esophageal spasm is effective enough but it is rarely used in patients in combination with GERD (Gastroesophageal reflux disease). The treatment of esophageal spasm in combination with GERD and PPI (Proton pump inhibitors) is not effective enough.

Objective: To optimize the treatment of patients with esophageal spasm.

Methods: Sixty one patients were examined in 2012-2014. Survey included endoscopy, esophageal manometry, daily pH-meter, psychodiagnostics. Forty four patients (21 patients with esophageal spasm in combination with GERD, 23 patients with primary esophageal spasm) received tofisopam, 17 patients with esophageal spasm in combination with GERD received monotherapy PPI. The effectiveness of the therapy was analyzed within 1 month after the end of treatment.

Results: The treatment of esophageal spasm with tofisopam was effective on the dynamics of clinical manifestations in 84.1% of the cases, the results of manometry control 95.5% of the cases. The result was equally high in the treatment of primary esophageal spasm and its combination with GERD: clinical data (85.7% and 82.6%, respectively; $p=0.753$) and according re-manometry (95.2% and 95.7%, respectively; $p=0.732$). In the group of patients with GERD supplementation tofisopam improved result in comparison to the monotherapy with PPI on clinical data (64.7% and 95.2% respectively; $p=0.022$), which was confirmed by the results of the monitoring and manometry (52.9% and 90.5%, respectively; $p=0.012$).

Conclusion: Tofisopam was effective on clinical data and control as manometry in patients with primary esophageal spasm and patients with its combination with GERD in comparison with monotherapy PPI.

Biography

Pichugina I M has completed her PhD from Moscow Clinical Scientific Center, Moscow, Russia. She is the chief of the laboratory neurogastroenterology Federal Scientific Clinical Center of Reanimatology and Rehabilitation, Moscow, Russia. She has published 13 papers in reputed journals.

dr.pichugina@gmail.com

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