



WORLD CONGRESS OF GASTROENTEROLOGY AND DIGESTIVE DISEASES



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Endoscopic Findings in Patients Who Underwent Bariatric Surgery

Abstract: Esophagogastroduodenoscopy (EGD) findings are known causes of morbidity, especially in patients with obesity. As most bariatric surgery procedures involve some intervention on the stomach, it is important to know the organ's pre- and postoperative anatomical condition. This study seeks to create an anthropometric profile and analyze the prevalence of gastrointestinal findings in the pre- and postoperative periods of bariatric surgery. This study used data from 1019 patients who underwent bariatric surgery by vertical gastrectomy or Roux-en-Y gastric bypass techniques and had preoperative EGD results, collected from a reference hospital in Vale do Itajaí-SC, and the findings assessed were as follows: hiatal hernia, esophagitis, gastritis, gastric ulcer, esophageal varices, duodenitis, duodenal ulcer, and positive urease tests. In the results, 73% of the patients were female; the mean Body Mass Index (BMI) was 41.88 kg/m² in the preoperative period and 27.99 kg/m² at the 1-year postoperative time. In the preoperative EGD, 73.3% of patients presented abnormalities, primarily gastritis and a positive urease test. Postoperatively, only 20.6% of patients showed abnormalities, with findings generally improving depending on the surgical technique applied. The most common postoperative abnormalities were esophagitis, a positive urease test, and gastritis.

Key words: Endoscopy; Bariatric surgery; Obesity

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