



Gastric perforation after Intra gastric balloon insertion: A case report

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Abstract

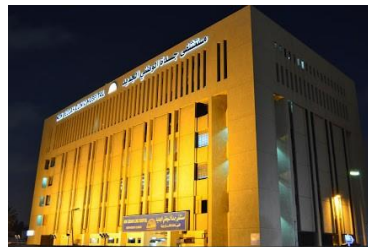
Introduction: Intra gastric balloon therapy is a minimally invasive, temporary method of inducing weight loss however, in some cases it may cause serious adverse events. Presentation of Case: A twenty three years old male, presented by acute gastric perforation six months after insertion of Orbera intra gastric balloon. The diagnosis done clinically and confirmed by plain x ray erect. The balloon first removed by gastroscop followed by laparoscopic exploration and repair of the perforation with no postoperative complications.

Discussion: Gastric perforation is a rare complication of the Bioenteric intra gastric balloon. In our case study the possible cause for perforation is the non compliance of the patient to proton pump inhibitor therapy as well as consumption of excessive ulcerogenic diet.

Conclusion: Adherence to physician recommendations regarding diet and medications with strict follow up may prevent serious complications of intra gastric balloons. **Keywords:** Case Report; Intra gastric Balloon; Weight Loss; Obesity; Complications.

Biography

Emad is a Head of GIT and Endoscopy department in New Jeddah Clinic Hospital (NJCH) KSA, he has published researches and articles in reputable journals and WHO which have a various achievement in the related studies, he is Editorial Board Member of Acta Scientific Open International Library, Acta Scientific Gastrointestinal Disorder, he obtained his medical degree at Mansoura university in Egypt and he got Diploma of Gastroenterology and Hepatology 2010, Master degree of Gastroenterology and hepatology 2014 at Menoufia University, Fellowship of Gastroenterology and hepatology in Menoufia Institute of hepatology 2012, he was a Candidate Councilor of ESGE (European Society of Gastrointestinal Endoscopy) 2019, he is a Member of European Society of Gastrointestinal Endoscopy (ESGE) 2016: 2020, Member of American Society for Gastrointestinal Endoscopy (ASGE) 2019 – 2020, Dr. Emad is an International Speaker in international GIT conferences and International Expert of Gastric Balloon for weight management.



Publications

1. Pi-Sunyer X. "The medical risks of obesity". Postgraduate Medicine 121 (2009): 21-33.
2. OG Nieben and H Harboe. "Intra gastric balloon as an artificial bezoar for treatment of obesity". Lancet 1 (1982): 198-219.
3. A Genco., et al. "BioEnterics intra gastric balloon: the Italian experience with 2,515 patients". Obesity Surgery 15.8 (2005): 1161-1164.
4. A Al-momen., et al. "Intra gastric balloon for obesity: a retrospective evaluation of tolerance and efficacy". Obesity Surgery 15.1 (2005): 101-105.
5. Abu Dayyeh BK., et al. "Endoscopic bariatric therapies". Gastrointestinal Endoscopy 81 (2015): 1073-1086.
6. El Hage Chehade HH., et al. "What could happen if you insert a BioEnterics intra gastric balloon after sleeve gastrectomy?" Surgery for Obesity and Related Diseases 11 (2015): e39-e41.
7. Giardiello C., et al. "Gastric perforation in an obese patient with an intra gastric balloon, following previous fundoplication". Obesity Surgery 13 (2003): 658-660.
8. Genco A., et al. "BioEnterics Intra gastric Balloon: The Italian Experience with 2,515 Patients". Obesity Surgery 15 (2005): 1161-1164.
9. Rodríguez-Hermosa JI., et al. "Gastric necrosis: a possible complication of the use of the intra gastric balloon in a patient previously submitted to Nissen fundoplication". Obesity Surgery 19 (2009): 1456-1459
10. Ríos AB and Rodríguez JM. Gastric perforation by intra gastric balloon in patient with Nissen fundoplication". Gastroenterology and Hepatology 41 (2018): 251-253.
11. Kotzampassi K., et al. "500 intra gastric balloons: what happens 5 years thereafter?" Obesity Surgery 22 (2012): 896-903.
12. Kotzampassi K., et al. "Looking into the profile of those who succeed in losing weight with an intra gastric balloon". Journal of Laparoendoscopic and Advanced Surgical Techniques 24 (2014): 295-301.
13. Mousavi Naeini SM and Sheikh M. "Bowel obstruction due to migration of an intra gastric balloon necessitating surgical removal before completion of the recommended 6 months". Case Report Medicine (2012): 414095

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