

Intragastric Balloon Induced Gastric Perforation- Late Presentation >A Combined Endoscopic and Laparoscopic Approach for the Management- Case Report

Fatema Nabeel Nedham, MRCS* Thamer AlAbbasi, MBBCh BAO (NUI) , MRCS (Ireland), FRCS(Canada), FACS(USA)**

ABSTRACT

Intragastric balloon has been used for weight loss purposes since long time, and as with any other procedure it has a lot of variable complications at different time periods. Having an intragastric Balloon in place keeps the patient Under major implication to be complaint to using PPI and to stop smoking . All these measures in order to prevent such avoidable complication. that will be presented in the following case report.

Hereby a case representing a 30 years old male with IGB kept a year before presentation and exchanged 3 months back presented with sudden onset epigastric pain with Air under diaphragm on an Erect Chest radiograph and as he was stable a CT abdomen was obtained to reveal gastric perforation.

Therefore he had a combined endoscopic and laparoscopic approach in managing him. The former used to deflate the balloon and the latter for balloon extraction and closure of the perforation.

So we can conclude that the exact mechanism of this adverse effect was not clearly understood. But to avoid further such effect those patient has to be complaint to their PPI and H.pylori has to be treated if present as presence of the balloon could add further source of increased risk of contact induced ulceration on top.

Keywords: Perforation, Intragastric Balloon, Laparoscopic, Endoscopic, Deflation

Bahrain Med Bull 2022; 44 (1): 882 - 884

* Surgical Resident
BDF Hospital
Bahrain. E-mail: fatemakhonji@hotmail.com

** Consultant Trauma and Acute Care Surgery