Surgical Repair of Giant Type IV Hiatal Hernia

Reza Afghani1*, Amir Haji Mohammadi2, Sina Norouzi Asl3, Farzad Bagherian3

1 Thoracic Surgeon, 5-Azar Hospital, Golestan University of Medical Sciences, Gorgan, Iran
2 General Surgeon, 5-Azar Hospital, Golestan University of Medical Sciences, Gorgan, Iran
3 Resident of General Surgery, 5-Azar Hospital, Golestan University of Medical Sciences, Gorgan, Iran

ARTICLE INFO

Article type:
Image in Cardio-Thoracic Medicine

Article history:
Received: 4 Nov 2015
Revised: 4 Dec 2015
Accepted: 2 Jul 2016

Keywords:
Hiatal Hernia
Repair
Surgery

ABSTRACT

In this case report, we described a 74-year-old female patient with major complaint of respiratory problems and dyspnea after meal. Chest X-ray of the patient revealed a giant type IV hiatal hernia. Preoperative evaluations of the patient included esophagoscopy, esophageal manometry, barium swallow, and CT-scan. Repair of the hernia was performed using a dual mesh on the diaphragm and partial anterior fundoplication (Dor fundoplication). After a six-month follow-up, the overall condition of the patient is satisfactory, except mild intermittent dysphagia due to esophageal dysmotility.

Please cite this paper as:

Figure 1. Chest X-ray of patient before surgery

Figure 2. CT-scan of patient before surgery

Figure 3. Intraoperative View: Before Repair (a); After Repair (b)

Figure 4. Chest X-ray of patient after surgical repair of hiatal hernia

*Corresponding author: Reza Afghani, 5-Azar Hospital, Golestan University of Medical Sciences, Gorgan, Iran. Tel: 00989111113871; Email: af_med75@yahoo.com
© 2016 mums.ac.ir All rights reserved.
This is an Open Access article distributed under the terms of the Creative Commons Attribution License (http://creativecommons.org/licenses/by/3.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.