

Laparoscopic fundoplicatio in a case of big hiatal hernia and partial upside down stomach with the use of a resorbable mesh and fibrin glue fixation.

Authors: Fink M.J., Tentschert G., Klaus A.

Publication Date: 2014

Abstract:

Introduction: The use of mesh and its fixation in the repair of a big hiatal hernia, especially combined with a transthoracal transposition of the stomach is in controversial discussion at current. Method: A 75 years old female patient with a big hiatal hernia and a partial upside down stomach is receiving a laparoscopic fundoplication. To avoid a recurrence, a resorbable synthetic mesh is implanted during the procedure. To lower the rate of complications, the mesh is fixated with fibrin glue only. No staples are used. The operation is video filmed. Results: The video shows the laparoscopic operation of a big hiatal hernia with a partial upside down stomach with the implantation of a resorbable synthetic mesh, fixated only with fibrin glue. Summary: It seems that the use of synthetic resorbable mesh and the fixation with fibrin glue reduces the rate of recurrence and complications in laparoscopic fundoplication in big hiatal hernias.