

GASTRIC BAND AND HIATUS HERNIA

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We present a video on the topic of gastric banding in the patient with hiatus hernia.

Specifically we demonstrate four scenarios of increasing complexity:

Video 1 (primary gastric banding with simultaneous hiatus hernia repair)

An hiatus hernia is found at operation for gastric banding and repaired before the band is placed.

Video 2 (hiatus hernia repair in the previously banded patient)

Fibrosis related to the banding operation gives this operation a “redo-like” quality, particularly posteriorly where the band passes in close contact with the crura. This hernia is meshed anteriorly after suture repair.

Video 3 (hiatus hernia repair in a patient with a slipped band)

A large slippage is displayed and is associated with a large hiatus hernia noted during the operation.

Video 4 (second redo hiatus hernia repair with large band slippage)

This video demonstrates a complex and difficult dissection and reduction of a large dilated proximal gastric pouch from the chest. This hernia is meshed anteriorly and posteriorly with a mesh cut to size and shape on the table to encircle the oesophagus and the original band is preserved.

Series Review

We present a review of 31 patients who have had simultaneous gastric band and hiatus hernia repair. These patients, mean age 53 yrs , mean BMI 41.4, presented primarily for gastric banding. Mean operating time was 77 minutes and post-op length of stay 1.4 days. Pre and post-op reflux scores differed significantly according to a modified DeMeester scoring system (mean 1.92 vs 0.19, $p < 0.0001$).