



# Surgical Management of Two Simultaneously Occurring Epiphrenic Esophageal Diverticula

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## ABSTRACT

Among all diverticula of the esophagus, epiphrenic diverticula occur less frequently than those in the pharyngo-esophageal segment. Two simultaneously occurring diverticula in the epiphrenic esophagus are very rarely reported in the English literature. A 52-year-old woman had a 3-year history of troublesome dysphagia, heartburn, chest pain and cough. Initial investigation included a physical examination and a barium swallow, which showed the presence of two diverticula in the epiphrenic esophagus. Esophagoscopy confirmed the presence only of the lower diverticulum. The patient underwent a left thoracotomy, the esophagus was mobilised from the hiatus to the aortic arch. The necks of the diverticula were localised in the posterior wall and between them there was a bridge of circular muscular fibres, which was divided. Diverticulectomy over an intra-esophageal 54 F Maloney dilator was performed. The upper diverticulum was left intact because it disappeared after the bridge of esophageal muscles has been myotomized. A long myotomy was carried out, and a modified Belsey fundoplication was added. The postoperative course was uneventful, and the patient remains well at 10 years with no recurrence of symptoms.

## KEYWORDS

Esophageal Epiphrenic Diverticulum; Esophageal Myotomy; Belsey Mark IV

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