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## **Endoscopic diverticulotomy on Zenker's diverticulum with SB knife junior type endoscopic scissors. Safety profile in esophageal muco-myotomy**

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**Keywords:** Diverticulum. Zenker's diverticulum. Diverticulectomy.

Dear Editor,

The Stag Beetle (SB) knife junior endoscopic scissors are commonly used in submucosal dissections. Its small size allows for more precise cuts that can be useful in diverticula with short, wide septa. In these types of septa, a Z-POEM technique may be considered, although its practicality is limited due to its complexity.

We present the case of a 64-year-old man with symptoms of dysphagia, diagnosed with a 2 cm deep Zenker's diverticulum. It was therefore decided to perform an endoscopic muco-myotomy of the diverticulum.

First, the capped gastroscope is introduced and a guide is placed over the esophageal aspect after locating the diverticulum.

Subsequently, endoscopic mucosectomy-myotomy was performed with SB Knife Junior type endoscopic scissors, which given its small size offers greater control in its management until the sectioned septum of the diverticulum is exposed.

Finally, a hemoclip was placed in a central position over the myotomy.

The procedure was performed without immediate complications. Throughout his evolution the patient has remained asymptomatic with no evidence of endoscopic recurrence over the years.

The use of the SB Knife junior scissors seems to offer an adequate safety profile for use in esophageal muco-myotomy, being a valid alternative to perform these technique.

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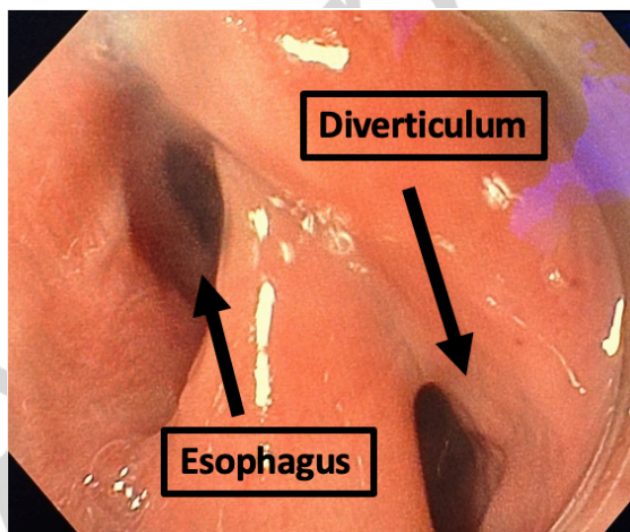


Fig 1. Esophageal lumen and diverticulum.

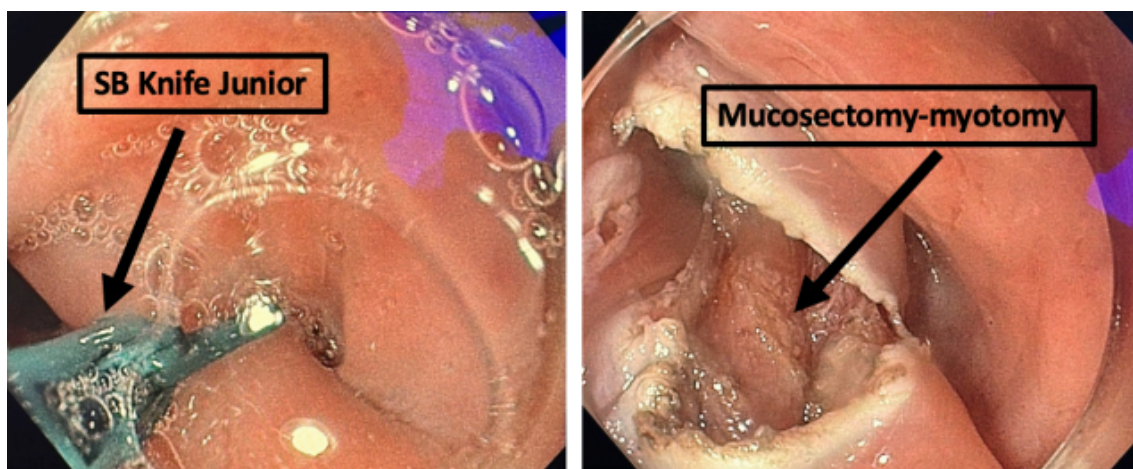


Fig 2. Mucosectomy-myotomy using SB knife.

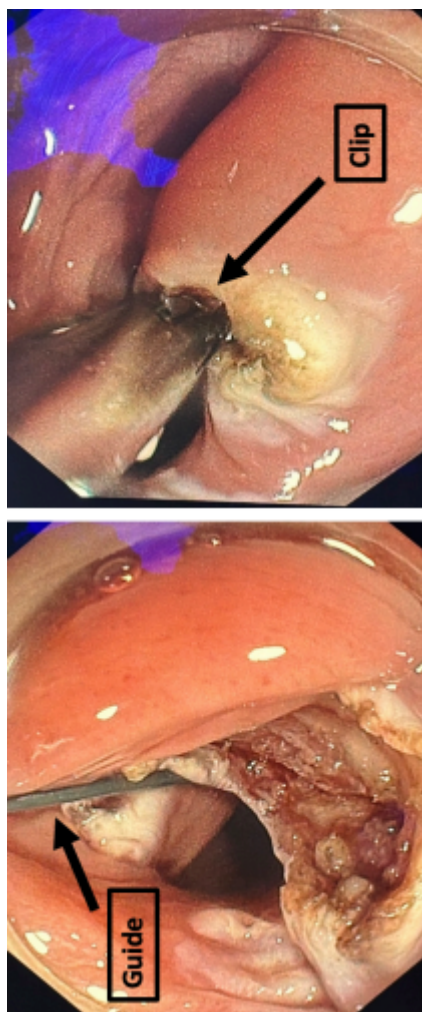


Fig 3. Clip over the myotomy.