Self-expandable stents are used to treat postoperative leaks and fistulas in the upper gastrointestinal tract [1–3]. However, a discrepancy between stent size and lumen size may lead to insufficient sealing of a leak, requiring further surgical intervention [4,5]. The main reason why this problem occurs is the relatively small diameter of commonly used commercial stents [5].

A 62-year-old man underwent distal esophagectomy with gastroesophageal intrathoracic anastomosis for esophageal tumor (Ivor-Lewis intervention) at another hospital. During his postoperative course, a partial dehiscence of the anastomosis developed, with the formation of a paraesophageal collection. The fluid collection was drained endoscopically with a 7-Fr nasobiliary drain inserted through the dehiscence.

Because this procedure was ineffective, the patient was admitted to our hospital for the insertion of a fully covered esophageal stent. Before placement of the stent, percutaneous transthoracic drainage of the paraesophageal collection was performed. Then, a fully covered, self-expandable esophageal metal stent (Euromedical) was placed to cover the internal orifice of the fistula. However, the stent diameter was not large enough for the stent to adhere to the tubularized gastric wall, so that upstream gastric reflux into the mediastinal collection prevented complete healing of the fistula (Fig. 1a). To increase the diameter of the distal end of the stent, we decided to replace the original stent with a “chimera” stent, created by suturing together an 18-mm-diameter fully covered self-expandable metal stent (Euromedical) and a 28- to 34-mm-diameter fully covered self-expandable colonic metal stent (Euromedical), which was added distally to allow complete adherence to the gastric wall (Fig. 2 and Fig. 3). The fistula outflow stopped immediately (Fig. 1b), and the stent was removed 3 weeks later (Fig. 4).

This case underscores the importance of choosing a stent of the correct size, depending on the site of placement. In this situation, a perfect fit within the tubularized gastric wall was mandatory and could not be achieved with a standard commercial stent. We suggest that this technical “trick” could be considered in selected patients and expert hands so that a stent of the best size relative to the lumen size can be obtained.

**Competing interests**: None
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