To facilitate the safe and simple introduction of an endoscopic ultrasound (EUS)-guided gastroenterostomy technique, we present a step-by-step teaching video of a variant technique for direct EUS-guided gastroenterostomy using a feeding tube (▶ Video 1). The stages involved are as follows.

1. Preparation: orotracheal intubation, positioning the patient in the left lateral position (maintain water at the Treitz angle), and use of a spasmolytic are recommended.

2. A therapeutic gastroscope is used to pass a 0.035-inch guidewire and endoscopic retrograde cholangio-pancreatography catheter across the stricture until just distal to the Treitz angle.

3. Oroenteric catheter insertion: a radiopaque through-the-scope feeding tube (NJ-8; Cook Medical) is advanced over the guidewire, through the stenosis, and is positioned at the proximal jejunum using fluoroscopic guidance.

4. The gastroscope is carefully removed, maintaining the position of the feeding tube. The guidewire is removed once the scope is out.

5. Enteral loop distension: the feeding tube is connected to a waterjet system (saline and contrast) for continuous infusion into the jejunum until stent deployment.

6. An echoendoscope is advanced following the mesenteric vein (to the mid-stomach body), turning clockwise to identify the Treitz area with the first jejunal loop containing the feeding tube, which is visualized by EUS and fluoroscopy (▶ Fig. 1).

7. Enteral access (the crucial point): the duodenal–jejunal loop (fixed at the Treitz angle) must be positioned in a longitudinal plane and in line with the working channel tract (▶ Fig. 2).

8. Stent deployment: the direct “free-hand” method using an electrosurgery-enhanced lumen-apposing metal stent (LAMS; HotAxios; 20 × 10 mm) and high settings (pure cut; 160 W) is used. After the release of the distal stent flange, a guidewire is advanced. The LAMS is then completely deployed as described.

9. Intra-LAMS dilation up to 12–15 mm. Spontaneous water drainage, and visualization of the enteral lumen (and usually, the feeding tube) to confirm the successful gastroenterostomy (▶ Fig. 3).
The final stages of the procedure include: a spontaneous drainage of blue water, as seen endoscopically; b intra-LAMS dilation up to 12 or 15 mm, seen on a fluoroscopic image; c trans-LAMS endoscopic visualization of the enteral loop and feeding tube.

Video 1 A teaching video demonstrating the technique of direct endoscopic ultrasound-guided gastroenterostomy using a feeding-tube waterjet system.