Padlock Clip® defect closure system -
Endoscopic Closure of an actively bleeding duodenal ulcer

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Procedure:
Endoscopic closure of an actively bleeding duodenal ulcer.

Patient History:
A 57-year-old male was referred to our hospital due to hematemesis. An urgent upper endoscopy revealed the presence of an actively bleeding duodenal ulcer. The ulcer was treated with combined injective therapy with adrenaline and thermal therapy with a Gold Probe Bipolar Hemostasis Catheter. Because of the persistence of melena and anemization, the patient underwent a second upper endoscopy, again receiving injective and thermal therapy. Mechanical therapy with endoclips was attempted but failed because of the stiffness of the tissue and the large ulcer diameter.

Treatment with Padlock Clip system:
After five days, a third upper endoscopy was performed due to severe anemization. The examination revealed the presence of a visible vessel in the center of the ulcer (see fig. 1). The ulcer was closed with placement of Padlock Clip system (see fig. 2). The patient’s clinical status improved significantly. One month later a new endoscopy was performed showing the healing of the duodenal mucosa.

Fig. 1: Endoscopic appearance of visible vessel
Red out from blood while suctioning
Fig. 2: Ulcer post-Padlock Clip device deployment

To view the video, visit https://delivr.com/2jd2d_em or scan the QR code below.