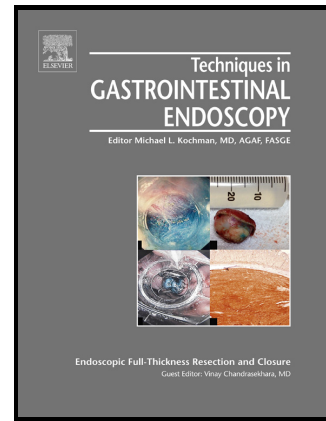


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Endoscopic ultrasound access, therapy, and treatment of gastrointestinal bleeding

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Disclosures:

None

ABSTRACT

The first line of therapy for gastrointestinal bleeding is endoscopic treatment. However, there is a subset of patients in whom standard endoscopic hemostatic treatment fails or is considered unsuitable. Historically, these patients underwent surgical or interventional radiologic procedures to manage the refractory bleed. Endoscopic ultrasound (EUS) has recently been utilized to help detect and offer alternative approaches to treatment and potentially improve patient outcome for these difficult to treat lesions. This manuscript serves as a review of the novel EUS techniques used to treat gastrointestinal bleeding.

Keywords: endosonography, angiotherapy, coil, cyanoacrylate

INTRODUCTION

Acute gastrointestinal (GI) bleeding is one of the most common indications for inpatient GI consultation. Although most causes of GI bleeding can be successfully treated endoscopically, refractory or recurrent bleeding can be encountered. Historically, patients with these lesions that are difficult to manage have undergone alternative management strategies with either surgery or conventional angiotherapy. Furthermore, lesion characteristics, including its location, size, and other features, may make it difficult for the standard techniques to be used as primary therapy. More recently, endoscopic

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