

Assisted Capsule Endoscopy

AdvanCE™ and Guardus™ Case Report Series • Report 1



“The patient had a successful endoscopic placement of a video capsule using the capsule delivery device via an overtube due to the presence of a large Zenker’s diverticulum. The overtube was essential due to difficulty placing the capsule endoscopically with the capsule delivery device alone.”

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Procedure

- EGD with placement of a video capsule

Indications

- Obscure GI bleeding with history of a large Zenker’s diverticulum requiring endoscopic placement of the video capsule

Findings

Large Zenker’s diverticulum with mild distal esophageal inflammatory changes, but no stricture. No other significant endoscopic findings were present.

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Initially, an attempt was made to intubate the esophagus using the AdvanCE delivery device for video capsule placement, but the endoscope could not be negotiated past the patient’s Zenker’s diverticulum. The procedure was stopped, the scope and delivery device removed. Next, the Guardus overtube was preloaded onto the scope and successfully advanced into the esophagus. The inner tube and scope were withdrawn, leaving the overtube in place. The scope with delivery device was reintroduced, passing easily through the overtube, into the stomach and then the duodenum where the video capsule was successfully deployed.



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1. Zenker’s diverticulum



2. AdvanCE delivery device successfully passing the Zenker’s diverticulum via Guardus overtube

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