

## **UNIVERSALITY OF “UNIVERSAL GUIDEWIRE”**

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Universal guidewire is an essential tool in Biliary Stent Placement. Beyond the biliary tree, the universal guidewire has been widely used to intubate the upper esophagus in patients with Zenker's Diverticulum.

**Case#1:** A 75 year old male was scheduled for ERCP for the evaluation of obstructive jaundice. Multiple attempts to intubate the esophagus by ERCP scope were unsuccessful. On previous admission, the patient had EGD and esophagogram and was not known to have Zenker's Diverticulum. Endview scope was then used. The esophagus was intubated and a universal guidewire was left in the gastric cavity. The ERCP scope was then successfully passed over this guidewire.

**Case#2:** A 55 year old black female presented with dysphagia for solids and liquids. Barium swallow revealed achalasia. On EGD, the esophagus was very dilated and contained large amount of retained fluid and food material. Even after suctioning large amount of fluids, the EGD scope could not pass through the CE junction. A universal guidewire was then passed into the gastric cavity and then the scope was passed over the guidewire.

**Case#3:** A 70 year old white female presented with obstructive jaundice. She had previous history of R-e-Y gastrojejunostomy. Multiple attempts to locate the papilla by ERCP scope were unsuccessful. Ampulla was then localized by EGD scope, a universal guidewire was left near the ampulla and the ERCP scope was successfully guided.