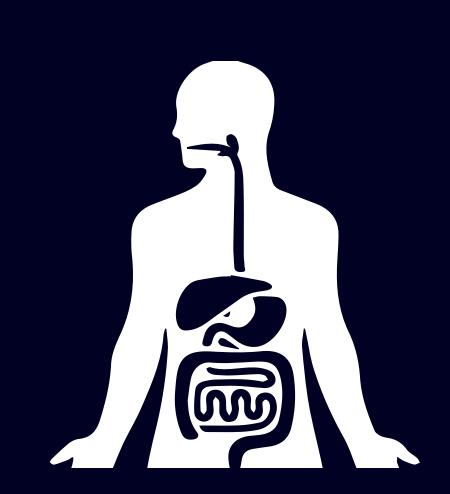






## REVOLUTIONIZING ENDOSCOPY: SCIENTIFIC TRANSFORMING LIVES



#### WHAT IS EMR?



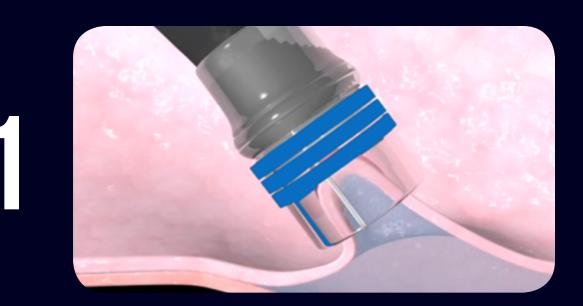
Endoscopic Mucosal Resection (EMR) is a minimally invasive treatment option used to remove potentially cancerous tissues from the upper gastrointestinal tract.

#### WHY USE EMR?



EMR is done to treat Barrett's esophagus and early gastric cancer patients. About 2 million Americans suffer from Barrett's esophagus, and 100,000 from gastric cancer.

### HOW IS EMR DONE?



A lesion is suctioned into the EMR device.

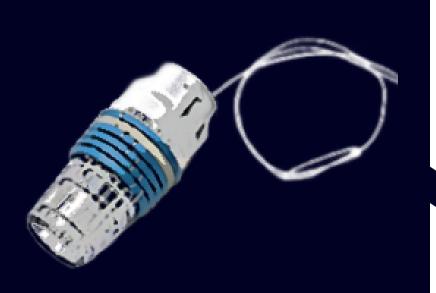


A band is deployed around the lesion.



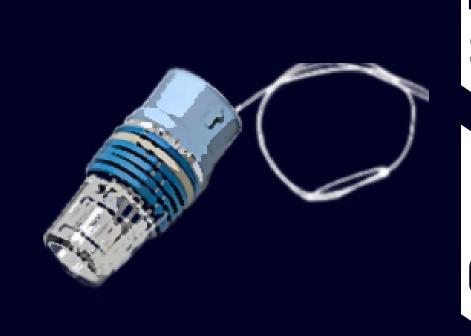
The lesion is resected using the snare.

# WHAT IS THE PROBLEM?



Fit scope ODs 9-9.9 and 11.3-11.6 mm 8.7-11.96mm range

Standard and Large





### WHAT DID WE DO?

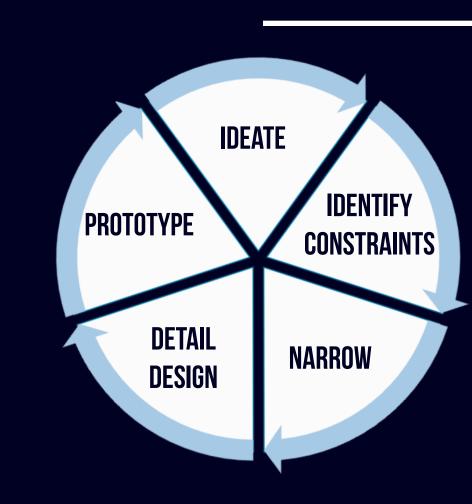


#### **BSC LIAISONS SCOPE TEAM**

Greg Coleman Toni Saylor Nagy Hakim Ellie Funkhouser

Mike Sinisi Man Nguyen Paul Aquilino

**SCOPE ADVISOR** Chris Lee



We used a user-oriented cycle of design to approach this challenge. When prototyping revealed design flaws, we iterated on this process.