



Case #778

Endoscopic Dilation Monitor for Esophageal Dysphagia Treatment

Endoscopic dilation for esophageal dysphagia is currently empiric and subjective, and without objective predictive data, it often results in multiple dilation procedures or worse, injury. The endoscopic dilation monitor (EDM), developed and tested by Dr. Zubarik and his team, solves this problem by providing real time, reproducible pressure data and direct control of dilation execution. In addition, clinical trials have shown that patient outcome can be predicted by percent drop in static pressure and ongoing work is using the EDM to develop a better physiological understanding of the procedure.

Applications:

- Esophageal dilation
- Potential use in intestinal tract and other organs

Advantages:

- Real time, reproduceable pressure data
- Direct physician control
- Improved patient outcomes
- Improved dilation instrument maintenance and management

Intellectual Property and Development Status:

US Provisional Application 62/849,519

Looking for research and development collaboration and licensing opportunities.

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