**RectaNav: Managing Chronic Constipation in Patients with Neurogenic Bowel Disorder**

**Clinical Background:**
Neurogenic Bowel Disorder (NBD) is a condition characterized by disrupted nervous communication between the brain and the bowel, leading to loss of regular and deliberate bowel function.

Primary symptoms of NBD include chronic constipation and fecal incontinence (FI). The Peristeen Transanal Irrigation (TAI) system is the gold standard for treating these symptoms.

**Problem:**
Advantages of Transanal Irrigation

- Reduced likelihood of eventual stoma surgery (35% reduction)
- Decrease in expected number of FI episodes (36% reduction)
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TAI is also the last treatment option before invasive measures are taken. However, patients are discontinuing TAI due to difficulty navigating catheter to the anus.

**Need:**
Chronically-constipated individuals with Neurogenic Bowel Disorder who use transanal irrigation for bowel management need a more efficient process for rectal insertion in order to reduce the transanal irrigation discontinuation rate.

**Our Solution:**
A supplementary device to TAI systems that improves catheter navigation to the anus and deployment of catheter into rectum.

**References**