

Flexible Endoscopy Simulation for Fellows: Three Years of Experience

Sabrina Drexel, MD; Jeffrey Marks, MD, FACS, FASGE

Background

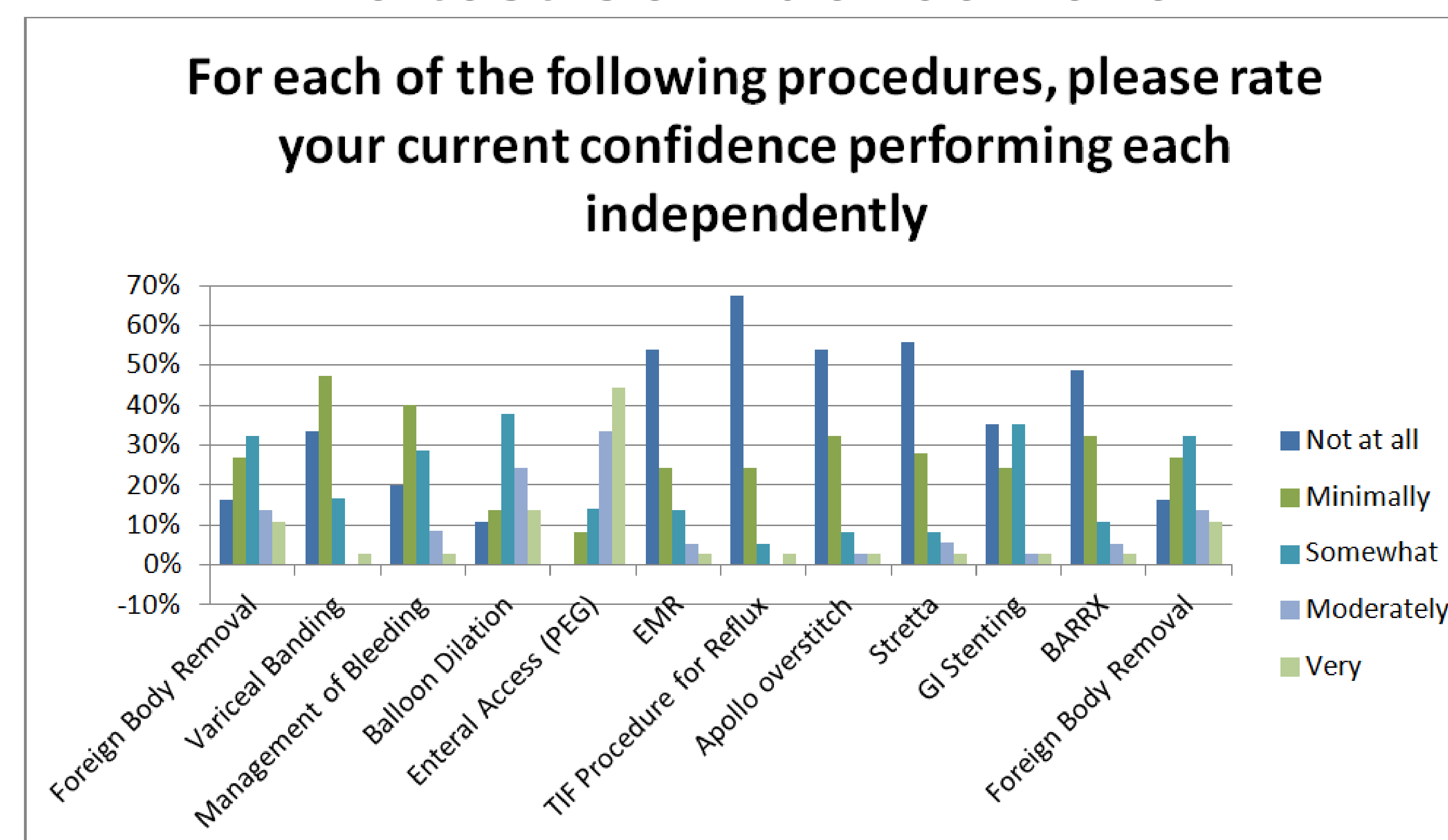
- Flexible Endoscopy Simulation courses have been available for MIS and bariatric fellows for several years through SAGES
- Impact of endoscopy simulation has not been studied at the surgical fellow level

Methods

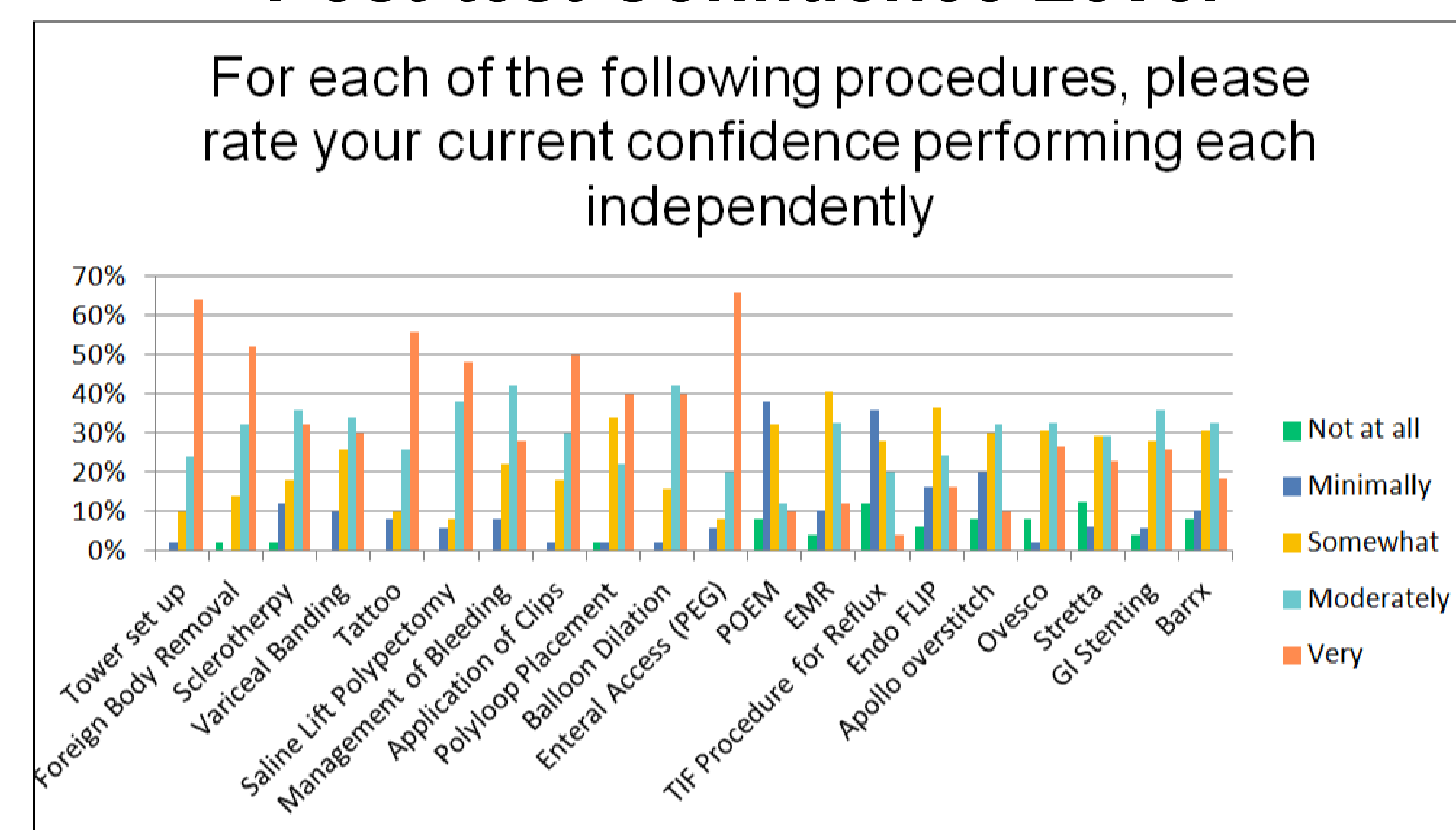
- Two day course with combination of:
 - Didactic sessions with faculty experts
 - Hands-on practice in porcine explant models
- Topics covered included:
 - Bleeding management*
 - Polypectomy techniques*
 - Stricture and perforation management*
 - Endoscopic GERD therapies*
 - Per oral endoscopic myotomy*
 - EndoFLIP*
- Pre- and Post- course surveys obtained
 - Completed by fellows from 2017 – 2019
 - 167 fellows participated

Results

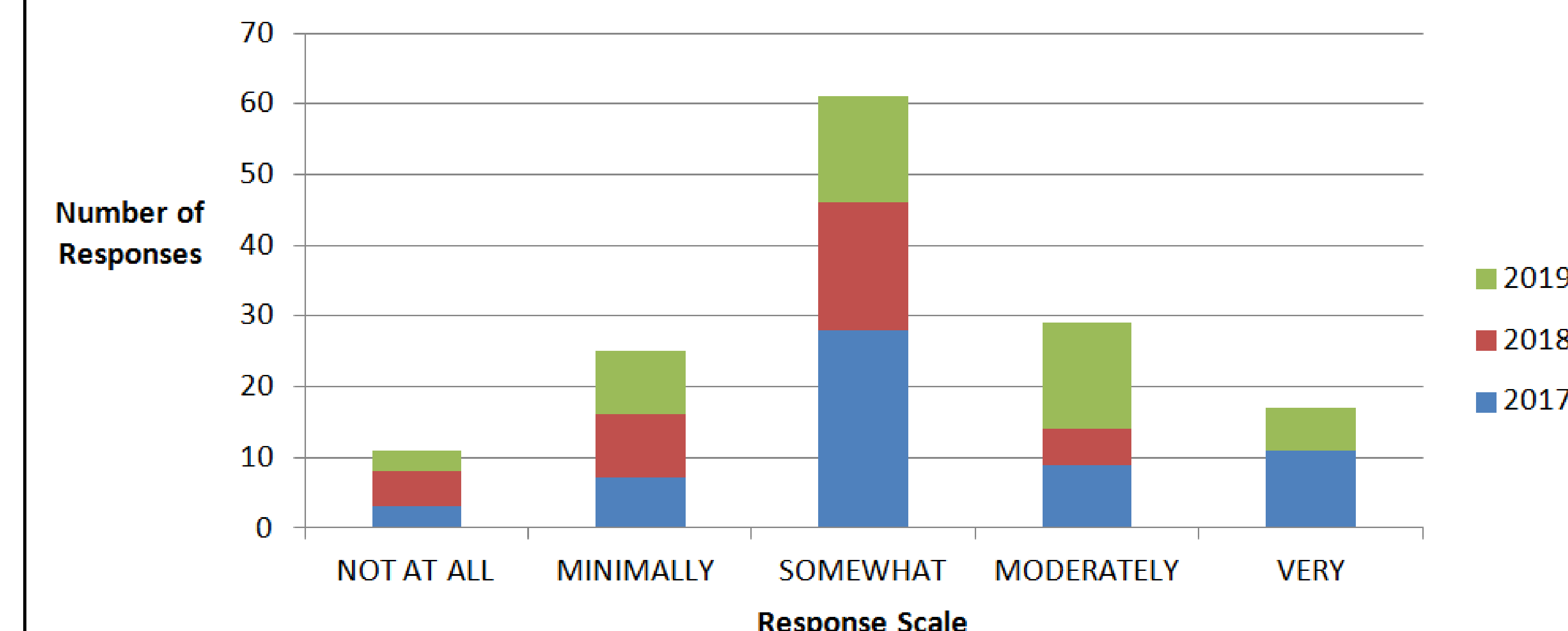
Pre-test Confidence Level



Post-test Confidence Level



Rate the extent to which they serve as barriers for you to perform endoscopy in practice: competition with GI colleagues



Conclusions

- Confidence in majority of skills improved over the course
- Fellows identified POEM experience as a potential gap in training with request for further simulation in POEM
- Consider including other fellows that utilize flexible endoscopy such as colorectal fellows in future sessions
- Greatest perceived barrier to performing endoscopy in practice was competition with GI colleagues