Abstract PTU-122 Figure 1 Early vs late unplanned admissions

highest risk. However, more studies are needed to see if these results are reproducible and related to individual procedure. Early endoscopy readmissions could therefore be used as a surrogate marker for endoscopic complications and has the potential to be used in a KPI study.

PTU-123 **ENDORINGS ASSISTED COLONOSCOPY VERSUS STANDARD COLONOSCOPY FOR POLYP DETECTION: A RANDOMISED CONTROLLED TRIAL**

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Introduction The Endorings™ is a distal attachment consisting of two layers of circular flexible rings that evert mucosal folds. Aims; to investigate if Endorings Colonoscopy (ER) improves polyp and adenoma detection compared to standard colonoscopy (SC).

Methods This multi-centre, parallel group, randomized controlled trial included screening, surveillance and symptomatic patients. Primary outcome; number of polyps per patient. Secondary outcomes; number of adenomas per patient, adenoma/polyp detection rates and withdrawal times.

Results Total of 556 patients (214 females, 342 males) randomized to ER (275) or SC (281). Mean age 67. Colonoscopy completed 532/556 (96%) cases. EndoRings removed in 74/275 (27%) patients. In 66/74 (89%) cases removal was performed due to difficulties with sigmoid intubation. Remainder removed to facilitate retroflexion or polyp removal/retrieval. Total number of polyps in ER limb 571 vs 444 in SC limb. Total number of adenomas in ER limb 361

vs 343 for SC limb. Our study showed a statistically significant difference in the mean number of polyps per patient in both the Intention to Treat (ITT) (1.8 SC vs 2.1 ER, p-value 0.02) and Per Protocol (PP) (1.8 SC vs 2.25 ER, p-value 0.009).

Abstract PTU-123 Table

	Standard Colonoscopy (SC)	Endoring-Assisted Colonoscopy (ER)	P value
Mean polyps per patient	1.8	2.1	0.02
Mean adenomas per patient	1.2	1.3	0.38
Polyp detection rate	67.5%	75.2%	0.05
Adenoma detection rate	57%	61.4%	0.28
[Intention to Treat Analysis]			

There was a trend towards a greater polyp detection rate in the ER colonoscopy (67.5% SC vs 75.2% ER, p-value 0.05).

Conclusions Despite the high removal rate of Endorings, there was a statistically significant increase in the mean number of polyps in the ER limb compared to the SC limb. Our study shows promise for the EndoRings™ device to improve polyp detection.

PTU-124 **INCREASED DIAGNOSTIC SENSITIVITY OF PANCREATOBILIARY MALIGNANCY BY MODIFYING ERCP BRUSHING PRACTICE: A SINGLE CENTRE EXPERIENCE**

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