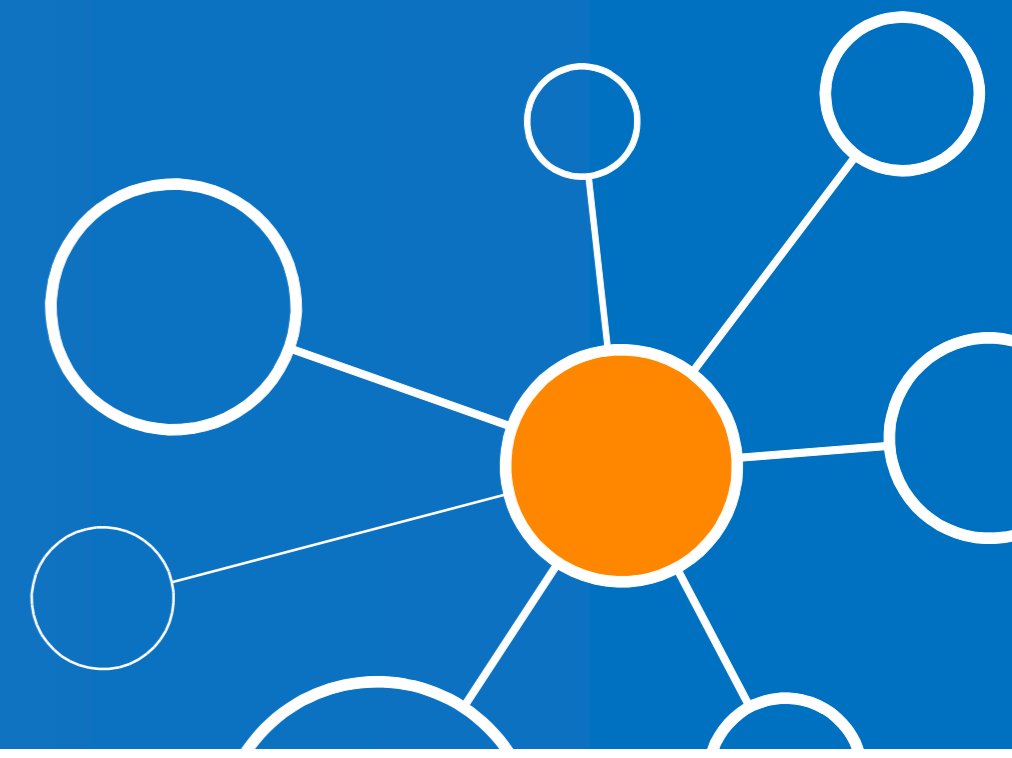


JAG Provisional Colonoscopy Certification: Does this Sufficiently Equip Trainees with Competencies in Diagnostic Colonoscopy?

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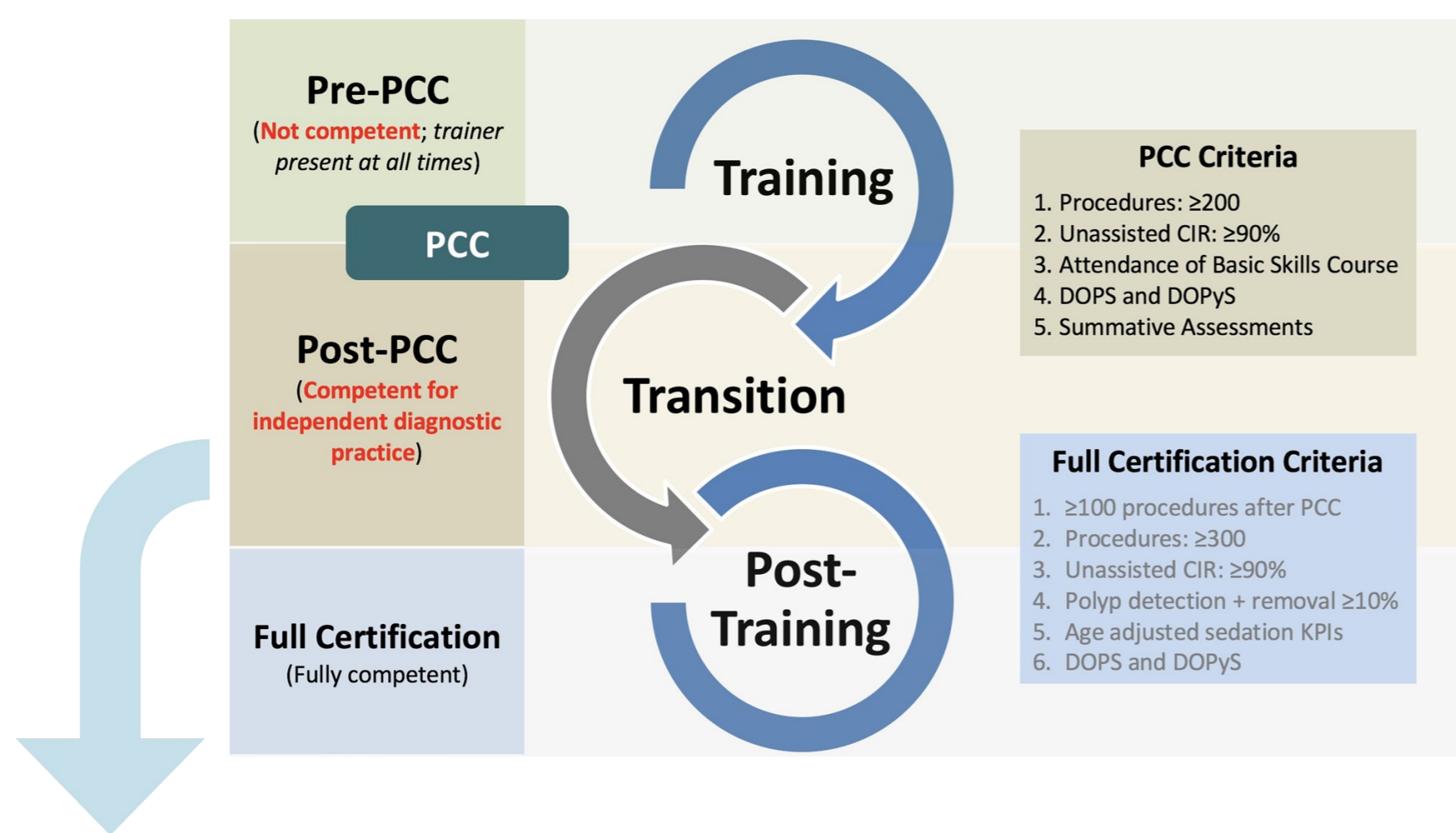


≈ **1 million** /yr



but...

Endoscopist Quality	Key Performance Indicator (KPI)	Patient Satisfaction
High	Pain ↓ Completion ↑ Polyp detection ↑ Missed cancer ↓	
Poor	Pain ↑ Completion ↓ Polyp detection ↓ Missed cancer ↑	



JAG Provisional Colonoscopy Certification (PCC)
(allows unsupervised practice)

← Est. 2011

The need for QA

JAG Joint Advisory Group on GI Endoscopy

AIMS ?

- 1) Evaluate KPIs in a national trainee cohort
- 2) Are KPIs maintained during newly-independent practice?

JETS JAG Endoscopy Training System

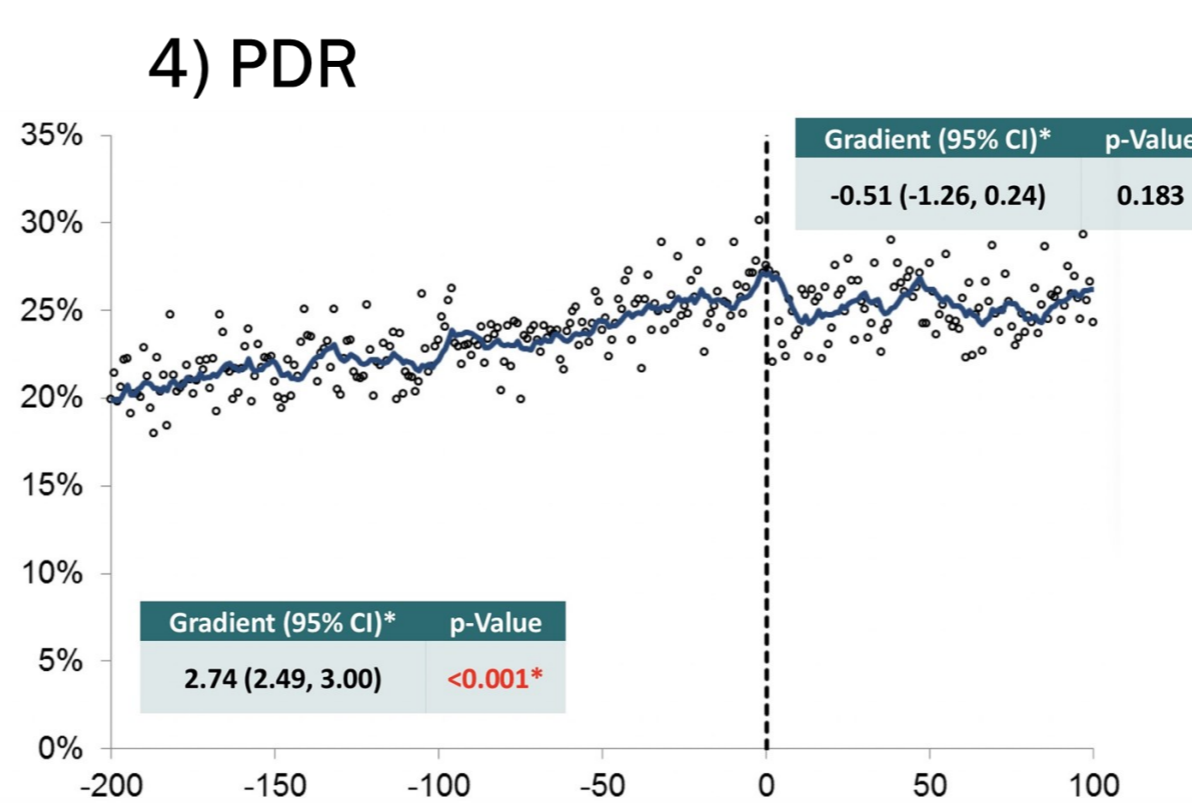
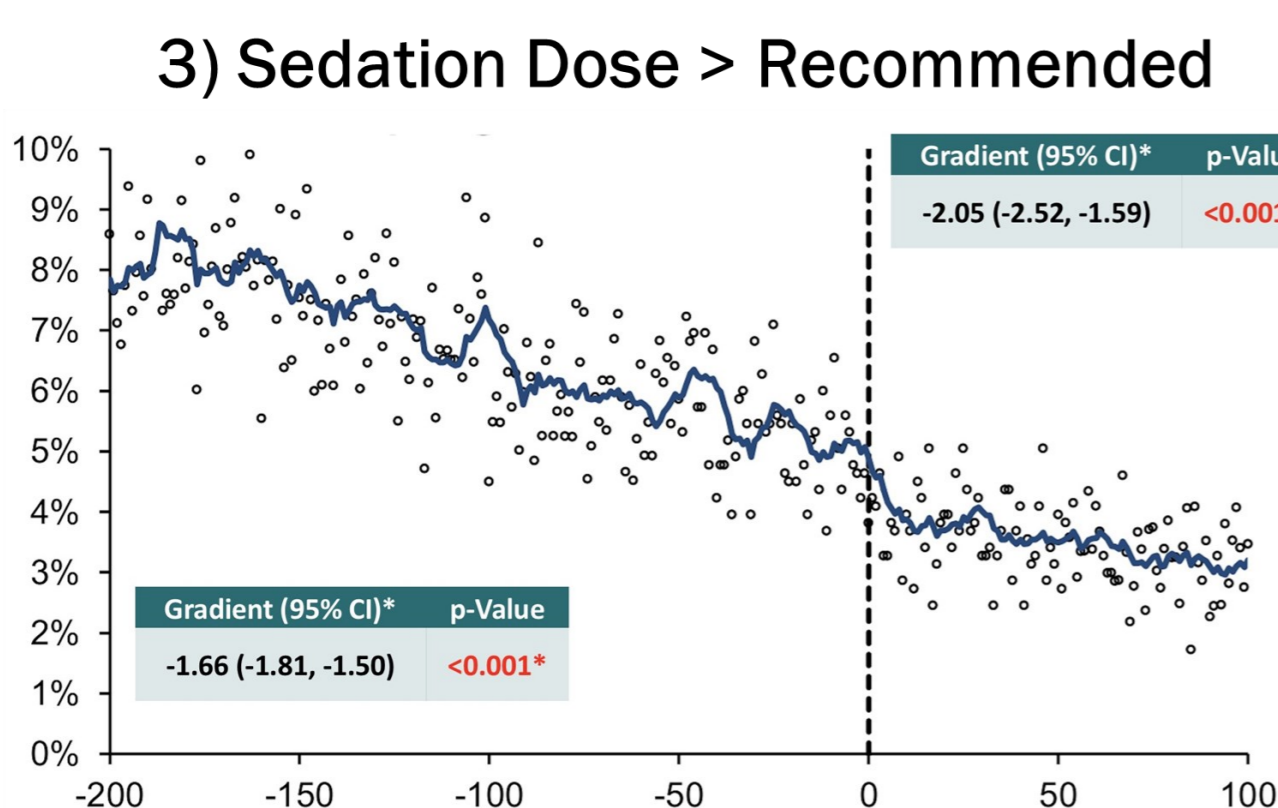
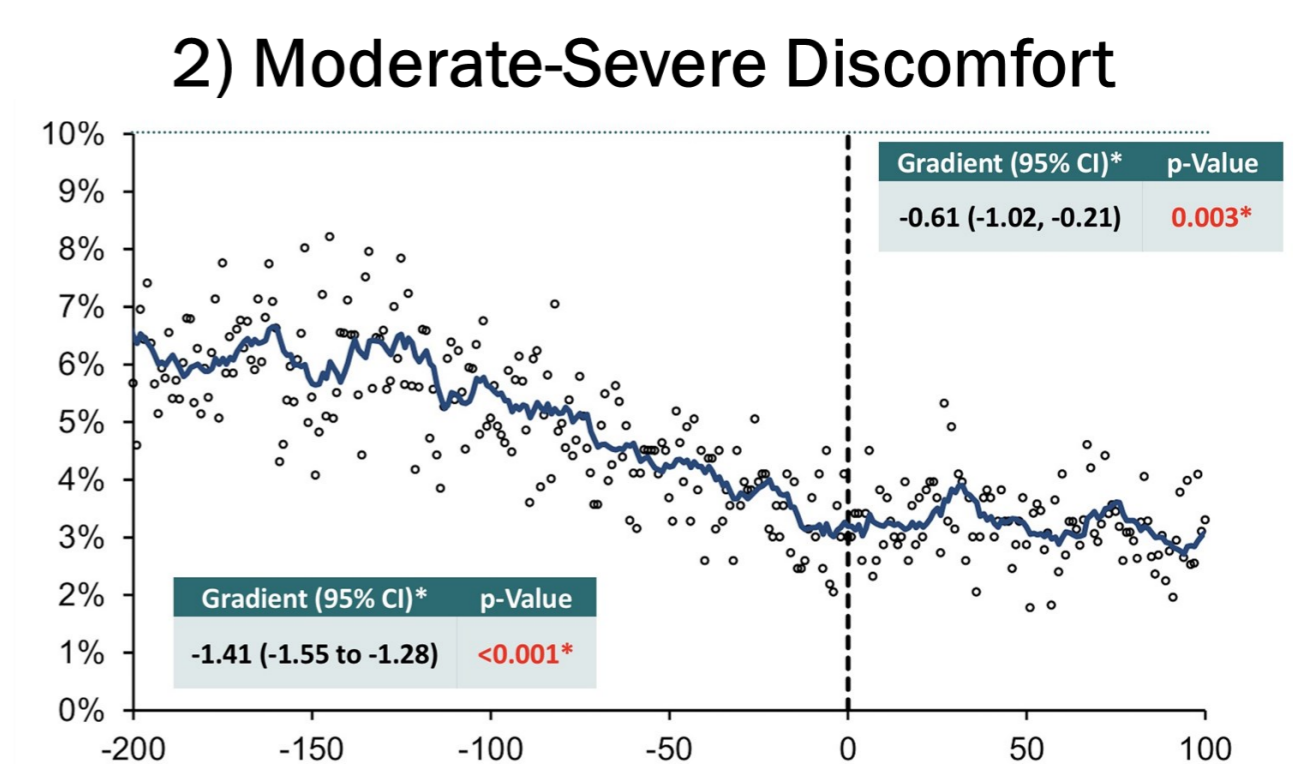
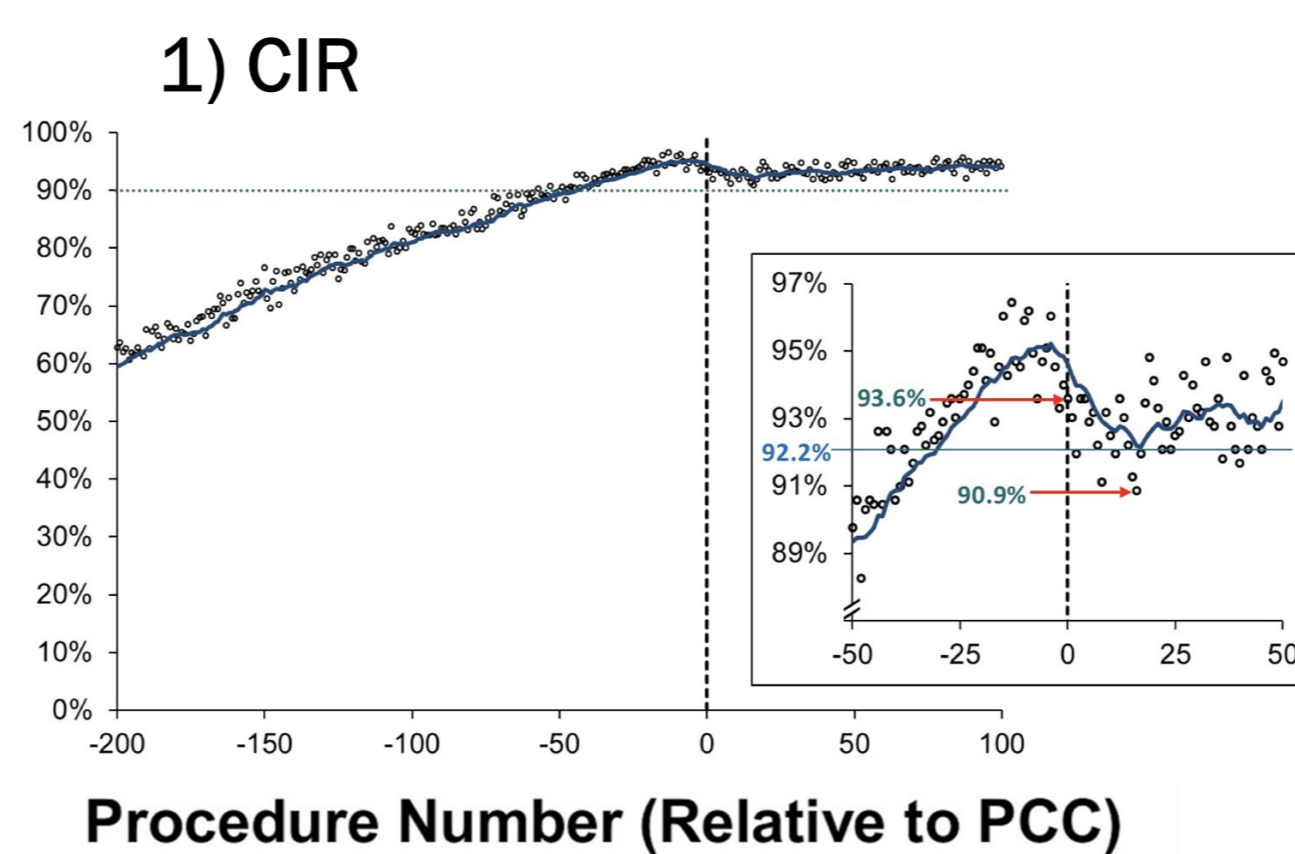
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- PCC 2011-2016
- 250,000 training entries
- Moving average & trend analyses

KPI Outcomes	UK Standard
Caecal intubation rate (CIR)	90%+
Moderate-Severe discomfort	<10%
Sedation Dose > Recommended	<10%
Polyp detection rate (PDR)	>15%

RESULTS

- **733** trainees from **180** centres:
 - 51%: Gastroenterologists
 - 32%: GI surgeons
 - 16%: Non-medical
- Median time to PCC: **3.1y / 265 procedures.**
- **78%** of post-PCC procedures were for service.



CONCLUSIONS

- Trainee KPIs met UK standards in the lead-up to PCC, and were maintained during newly-independent practice.
- JAG PCC is a robust marker of competence in diagnostic colonoscopy.
- This supports the role of certification in the QA of colonoscopy training.