Implementation of the PSPDR alongside the ADR: a dire necessity or superfluous hassle?

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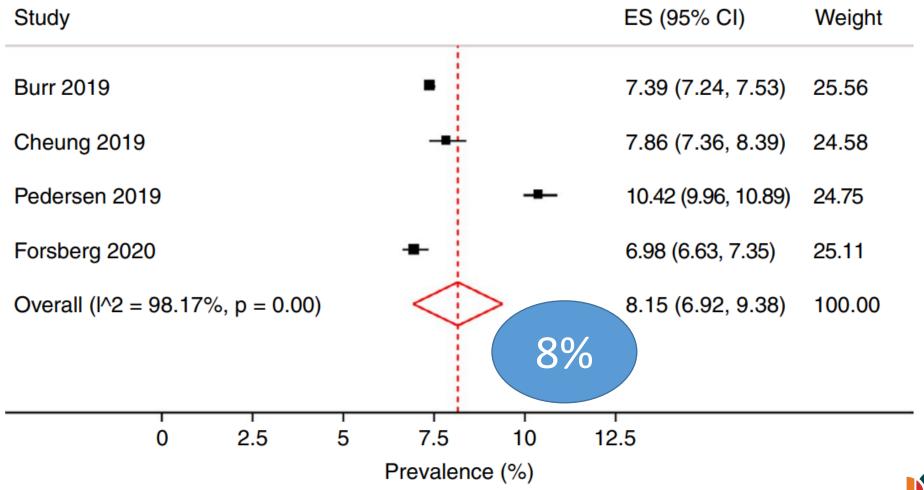




No conflicts of interest



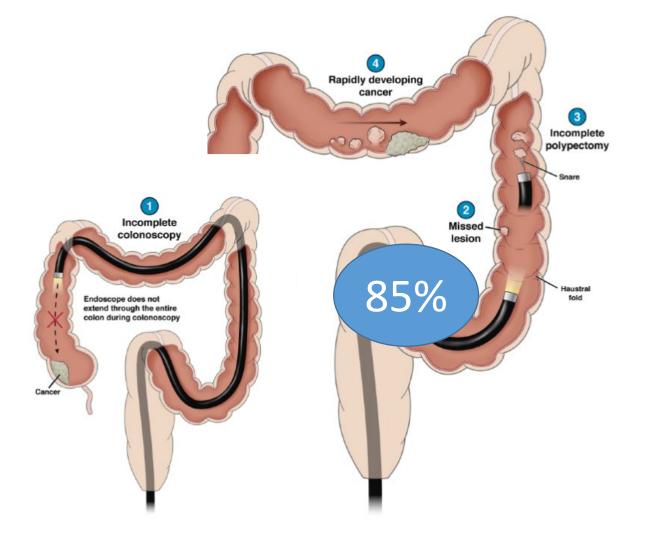
3-year PCCRC rate (WEO compliant methodology)







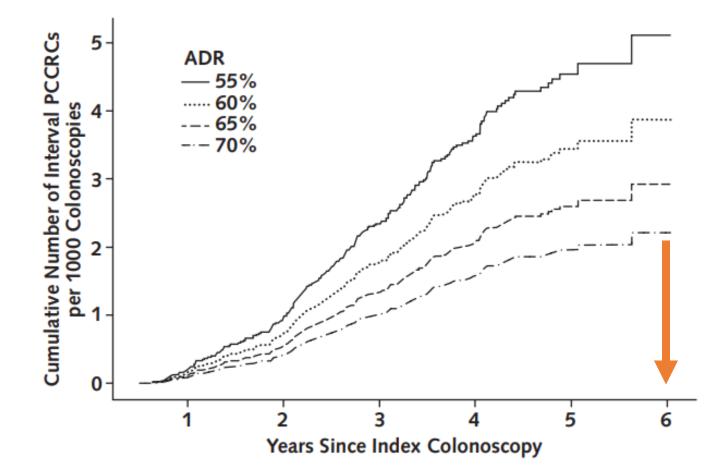
Causes of PCCRC





East Gastroenterology 2019 Schønfeldt Troelsen Clin Gastroenterol Hepatol 2023

ADR and interval PCCRC within Dutch FIT-based screening





What about serrated polyps?

- 15-30% of CRCs arise from serrated polyps
- Serrated polyps easily missed during colonoscopy
- PCCRC and serrated polyps share clinical and molecular characteristics
- Improving serrated polyp detection rate might decrease PCCRC incidence





Requirements of a new quality indicator for endoscopists



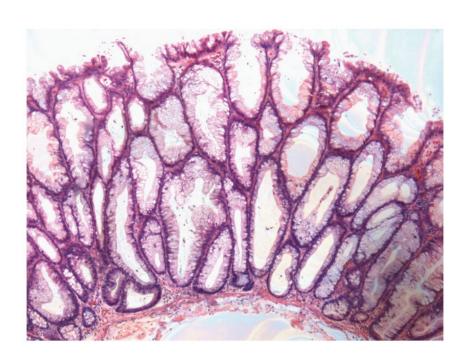




Proximal serrated polyp detection rate



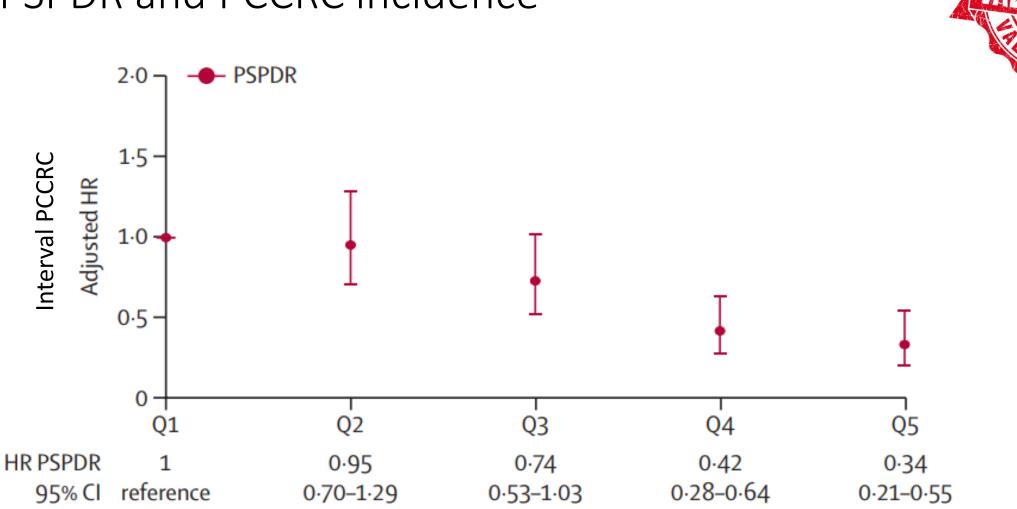
HP rectosigmoid



HP vs SSL



BIAS

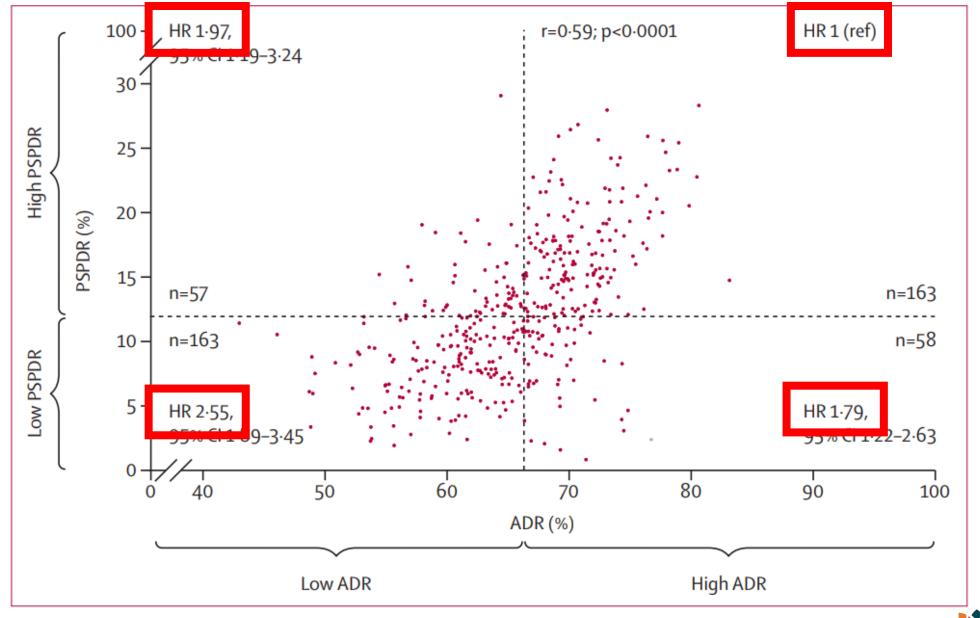






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PSPDR and PCCRC incidence





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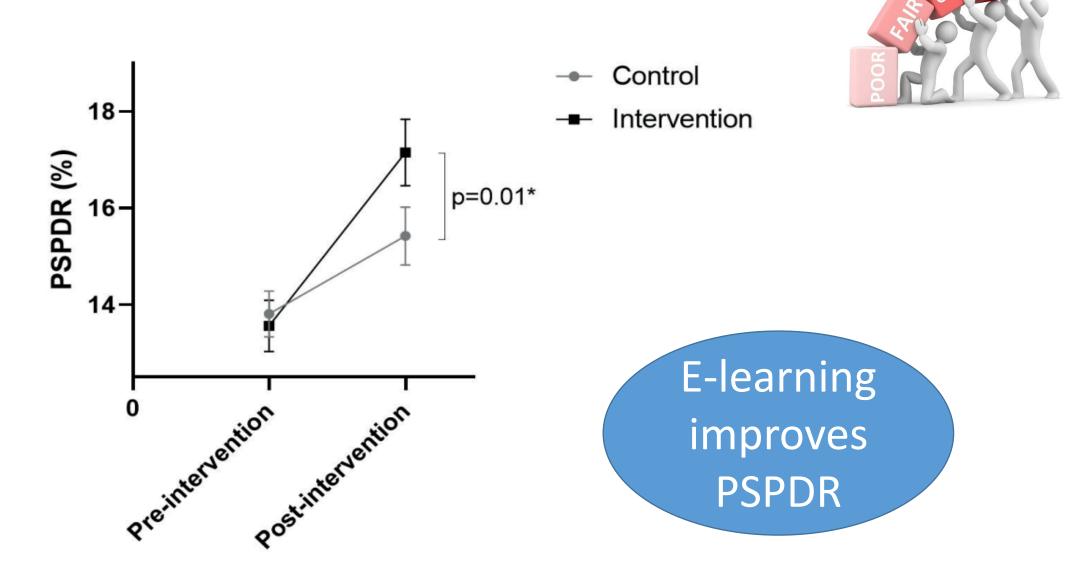
PSPDR and PCCRC mortality

Table 4 Association of adenoma detection rate and proximal serrated polyp detection rate at screening colonoscopy with post-colonoscopy colorectal cancer death. Model estimates are adjusted for age and sex.

Detection rate	HR (95 %CI)	P value
ADR	0.98 (0.96–0.99)	0.01
PSDR	0.97 (0.94–0.99)	0.02

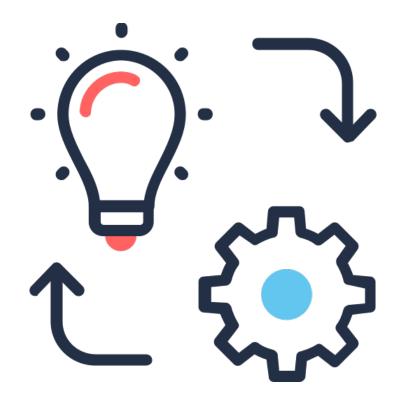


Zessner-Spitzenberg Endoscopy 2023





van Toledo unpublished data





Take home message

- PSPDR of added value to improve colonoscopy quality
- Adequate registration of serrated polyps a hurdle for implementation
- International collaboration needed to improve current standards

