

Supplementary material

Using New Hampshire Colonoscopy Registry data to assess the US and ESGE post-polypectomy surveillance guidelines

Margaret C. Liu, Joseph C. Anderson, William Hisey, Todd A. Mackenzie, Christina M. Robinson,
Lynn F. Butterly

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Table 1s Comparison of European Society of Gastrointestinal Endoscopy (ESGE) vs US Multi-Society Task Force (USMSTF) guidelines for metachronous large or dysplastic SPs vs advanced adenomas with PPV and NPV

	Metachronous Risk Large or Dysplastic Serrated Polyps			Metachronous Risk Advanced Adenomas		
	Index polyps included	Positive Predictive Value (95%CI) (N)	Negative Predictive Value (95%CI) (N)	Index polyps included	Positive Predictive Value (95%CI) (N)	Negative Predictive Value (95%CI) (N)
ESGE	High Risk Adenomas \geq 1 cm or HGD, \geq 5 adenomas, SPs \geq 1 cm or with dysplasia	4.7% (3.9-5.6) (114/2450)	97.9% (97.6-98.1) (17621/18008)	High Risk Adenomas \geq 1 cm or HGD, \geq 5 adenomas, SPs \geq 1 cm or with dysplasia	8.6% (7.6-9.8) (211/2450)	96.1% (95.8-96.4) (17312/18008)
USMSTF 3	5-10 TAs < 1 cm, adenoma \geq 1 cm or TV/villous or HGD, SSP \geq 1 cm or with dysplasia, TSAs 5-10 SSPs < 1 cm	4.3% (3.6-5.2) (109/2517)	97.8% (97.6-98.0) (17549/17941)	5-10 TAs < 1 cm, adenoma \geq 1 cm or TV/villous or HGD, SSP \geq 1 cm or with dysplasia, TSAs 5-10 SSPs < 1 cm	9.0% (8.0-10.2) (227/2517)	96.2% (95.9-96.5) (17261/17941)
USMSTF 3 and 3-5	Above + 3-4 TAs < 1 cm, HP \geq 1 cm, 3-4 SSPs < 1 cm	4.1% (3.5-4.8) (147/3610)	97.9% (97.7-98.1) (16494/16848)	Above + 3-4 TAs < 1 cm, HP \geq 1 cm, 3-4 SSPs < 1 cm	8.6% (7.7-9.6) (310/3610)	96.5% (96.2-96.7) (16251/16848)
USMSTF 3, 3-5, and 5-10	Above + 1-2 SSPs < 1 cm	4.7% (4.1-5.4) (187/4010)	98.1% (97.9-98.4) (16134/16448)	Above + 1-2 SSPs < 1 cm	8.1% (7.3-9.0) (326/4010)	96.5% (96.2-96.7) (15867/16448)
USMSTF 3, 3-5, 5-10, and 7-10	Above + 1-2 TAs < 1 cm	3.2% (2.8-3.2) (293/9232)	98.1% (97.9-98.4) (11018/11226)	Above + 1-2 TAs < 1 cm	6.4% (6.0-7.0) (594/9232)	97.2% (96.9-97.5) (10913/11226)

CI: confidence interval, S.D.: standard deviation, TA: tubular adenoma, HGD: High grade dysplasia and SP: serrated polyp