

Supplementary Online Content

Click B, Pinsky PF, Hickey T, Doroudi M, Schoen RE. Association of colonoscopy adenoma findings with long-term colorectal cancer incidence. *JAMA*. doi:10.1001/jama.2018.5809

eTable 1. Demographics and Index Colonoscopy Findings by Extended Follow-up Status

eTable 2. Location of Adenoma on Initial Colonoscopy and Colorectal Cancer Incidence and Location

eTable 3. Colorectal Cancer Stage by Index Colonoscopy Adenoma Group

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Demographics and index colonoscopy findings by extended follow-up status

	Declined Extended Follow-up (N=1546)	Completed Extended Follow-up (N=14389)	P-value
Median Age (IQR)	64 (61-68)	65 (61-69)	0.02
Male, (%)	816 (52.8)	8691 (60.4)	<0.001
White Non-Hispanic Race, (%)	1469 (95.0)	12979 (90.2)	<0.001
Adenoma Group, (%)			
Advanced Adenoma	282 (18.2)	2600 (18.1)	0.80
Non-Advanced Adenoma	480 (31.1)	4588 (31.9)	
No Adenoma	784 (50.7)	7201 (50.1)	

eTable 2. Location of adenoma on index colonoscopy and colorectal cancer (CRC) incidence and location

Location	N	Person Years Follow-up	Subsequent CRC N (%)	Subsequent CRC Location		CRC Rate (per 10,000 PY)	Rate Difference (95% CI) per 10,000 PY	RR (95% CI) for CRC
				Distal	Proximal			
1-2 Non-Advanced Adenoma								
Distal only	2941	35631	29 (1.0%) ^a	12	16	8.1	Ref	Ref
Proximal only	1029	11767	14 (1.4%) ^a	5	8	11.9	3.8 (-3.1-10.7)	1.5 (0.7-2.8)
Both	373	4559	3 (0.8%)	0	3	6.6	-1.6 (-9.6-6.5)	0.8 (0.2-2.7)
Unknown	153	1856	2 (1.3%)	1	1	10.8	2.6 (-12.6-17.9)	1.3 (0.3-5.7)
Advanced Adenoma								
Distal only	1990	24676	37 (1.9%) ^b	16	19	15.0	Ref	Ref
Proximal only	565	6426	25 (4.4%) ^b	5	18	38.9	23.9 (7.9-39.9)	2.6 (1.6-4.3)
Both	248	2966	7 (2.8%) ^b	3	4	23.6	8.6 (-9.5-26.7)	1.6 (0.7-3.5)
Unknown	79	925	1 (1.3%)	0	1	10.8	-4.2 (-25.9-17.5)	0.7 (0.1-5.2)
AA: advanced adenoma; CRC: colorectal cancer; PY: person years; RR: rate ratio; CI: confidence interval Advanced adenoma defined as ≥ 1 cm, or villous, or tubulovillous, or high grade dysplasia on histology ^a One proximal only and one distal only 1-2 non-advanced adenoma had CRC in an unknown location. ^b Two proximal only advanced adenoma and two distal only advanced adenoma had CRC in an unknown location. There was no significant association between location of initial non-advanced adenoma and subsequent CRC location (P=0.79). There was no significant association between location of initial advanced adenoma and subsequent CRC location (P=0.06).								

eTable 3. Colorectal cancer stage by index colonoscopy adenoma group

	Advanced Adenoma	Non-advanced adenoma	No adenoma	P-value
Stage I/II, N (%)	42 (60.0)	30 (54.5)	39 (54.9)	0.78
Stage III/IV, N (%)	22 (31.4)	18 (32.7)	24 (33.8)	0.96
Unknown, N (%)	6 (8.6)	7 (12.7)	8 (11.3)	0.77
All, N (%)	70 (100)	55 (100)	71 (100)	

Association tested using Chi square or Fisher's exact test when appropriate of adenoma group by cancer stage categories.