

Colonoscopy Report – Summary of Evidence

What is the evidence that colonoscopy in elderly patients reduces the chance of dying of colon cancer and/or getting diagnosed with metastatic colon cancer? What % of patients who get a colonoscopy get diagnosed with colon cancer?

*Legend located at the end of the document

DrE ID	Interventions	Inclusion Criteria	Follow Up	Diagnosed with Colon Cancer	Mortality Due to Colon Cancer
444408	<ul style="list-style-type: none"> Colonoscopy Sigmoidoscopy No Lower endoscopy 	<ul style="list-style-type: none"> Patients 67 to 80 years old Underwent colonoscopy or flexible sigmoidoscopy from January 1, 1998, through December 31, 2002 Did not undergo lower endoscopy. Free of cancer Outpatients 	(Mean follow up) <ul style="list-style-type: none"> Colonoscopy group-60 months Sigmoidoscopy group -70 months No lower Endoscopy group - 64 months 	<ul style="list-style-type: none"> Colonoscopy group 58/12,266 (0.5%) Sigmoidoscopy group 66/6,402 (1%) No Lower Endoscopy 634/41,410 (1.5%) 	N/A
444118	<ul style="list-style-type: none"> Computed tomographic Colonography Colonoscopy 	<ul style="list-style-type: none"> Patients with symptoms suggestive of colorectal cancer from 21 UK hospitals. 55 years or older No known genetic predisposition to cancer No history of inflammatory bowel disease 	Median follow up 5.2 years	<ul style="list-style-type: none"> Computed tomographic Colonography – 28/503 (5.6%) Colonoscopy - 55/967 (5.7%) 	<ul style="list-style-type: none"> Computed tomographic Colonography – 63 (11.8%), Colonoscopy – 157 (14.7%)
444104	<ul style="list-style-type: none"> Colonoscopy Fecal Immunochemical Testing 	<ul style="list-style-type: none"> Asymptomatic adults 50 to 69 years of age 	10 years	<ul style="list-style-type: none"> Colonoscopy - 30/26,703 (0.1%) FIT - 33/26,599 (0.1%) 	N/A
443975	<ul style="list-style-type: none"> Fecal Occult Blood Test Flexible Sigmoidoscopy Colonoscopy 	<ul style="list-style-type: none"> Chinese Asymptomatic adults Older than 50 years Average-risk 	N/A	<ul style="list-style-type: none"> Colonoscopy: 63/505 (12.5%) 	N/A
228726	<ul style="list-style-type: none"> Virtual Colonoscopy and Optical Colonoscopy 	<ul style="list-style-type: none"> Patients aged 50 and older Symptomatic gastroenterology outpatients 	4-5 days	<ul style="list-style-type: none"> 3/100 (3%) 	N/A