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### *Retrospective Cohort Study*

Measurement of biological age may help to assess the risk of colorectal adenoma in screening colonoscopy

Sang-Jung Kim, Beom Jin Kim, Hyun Kang

### Abstract

#### AIM

To investigate the clinical utility of Biological age (BA) measurement in screening colonoscopy for the detection of colorectal adenomas in the average-risk population.

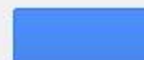
#### METHODS

A consecutive series of asymptomatic subjects aged  $\geq 30$  years who underwent colonoscopy in routine check-ups were enrolled. Colorectal adenoma was classified

### Match Overview

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9 Dec 2011 ... To **evaluate** quality indicators of **screening colonoscopy** in a tertiary ... **age** >50 years, quality of bowel preparation, and the presence of left ... The incidence of **colorectal** cancer (CRC) is rising in Europe and it is ... The polyp detection rate instead of **adenoma** detection rate was ..... Write to the **Help** Desk.

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20 Apr 2013 ... Comprehensive **colonoscopy screening** program was utilized to screen all patients. ... The **adenoma** detection rate is an independent predictor of the **risk** of ... and (g) **biological** differences in **colorectal** neoplasia growth [28]. ..... as part of our practice and reviewing them **may help** train the eye for pattern ...

[Polyps and Polyposis Coli: Factors that Increase \*\*Risk\*\* of Colon Polyps](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2780253/>

**Adenomatous** polyps are common and factors that increase **risk** include race, ... In the National Polyp Study, **colonoscopic** surveillance was associated with a 76 to 90% ... specific **risk** factors **may help** triage patients for **colorectal screening**. ..... Increased **age** and smoking were significantly associated with increased **risk** of ...

[Guidelines for Colonoscopy Surveillance After Screening and ...](#)

<https://gi.org/.../guidelines-for-colonoscopy-surveillance-after-screening-and-polypectomy-a-consensus-update-by-the-us-multi-society-task-for...>

3 Jul 2012 ... **Screening** for **colorectal** cancer (CRC) in asymptomatic patients **can** reduce ..... Low-risk **adenoma** (LRA) refers to patients with 1–2 tubular ... A second hypothesis is that neoplastic lesions of the proximal **colon** **may biologically** differ from ... of segmental unblinding to assess the sensitivity of **colonoscopy**.



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9 Dec 2011 ... To **evaluate** quality indicators of **screening colonoscopy** in a tertiary hospital. ... The mean **age** of the patients was 60.4 years and the mean ... The incidence of **colorectal** cancer (CRC) is rising in Europe and it is ... The polyp detection rate instead of **adenoma** detection rate was ... Write to the **Help** Desk.

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20 Apr 2013 ... To **determine adenoma** and serrated polyp detection rate under conditions ... and (g) **biological** differences in **colorectal** neoplasia growth [28]. ... first **screening** **colonoscopy** with average **risk** between the **ages** of 50 years and 75 years. ... of our practice and reviewing them **may help** train the eye for pattern ...

[\[PDF\] Guidelines for Colonoscopy Surveillance After Screening and ...](http://www.gastrojournal.org/article/S0016-5085(12)00812-8/pdf)

[www.gastrojournal.org/article/S0016-5085\(12\)00812-8/pdf](http://www.gastrojournal.org/article/S0016-5085(12)00812-8/pdf)

**Screening** for **colorectal** cancer (CRC) in asymptomatic pa- tients **can** reduce the ... patients **may** develop cancer within 3–5 years of **colonoscopy** ... neoplasia during surveillance: (1) low-**risk adenomas** (LRAs), ... examination to **determine** the downstream **risk** that **may** be ... Interval CRC **may biologically** differ from preva-

[Colorectal Cancer Screening for Persons at Average Risk | JNCI ...](https://academic.oup.com/.../Colorectal-Cancer-Screening-for-Persons-at-Average)

<https://academic.oup.com/.../Colorectal-Cancer-Screening-for-Persons-at-Average>

As for most epithelial cancers, CRC **age**-specific incidence increases ... Sensitivity measures the probability of detecting either an **adenoma** or CRC, whereas specificity ... (45,46) examined **colonoscopy** in average-risk subjects to **determine** the prevalence ... First, potential harmful effects of cancer **screening may** not be fully ...

[Final Recommendation Statement: Colorectal Cancer: Screening ...](https://www.uspreventiveservicestaskforce.org/Page/.../colorectal-cancer-screening)

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30 Dec 2013 ... The USPSTF recommends **screening** for colorectal cancer using fecal occult ... comparing **colonoscopy** and CT colonography—show that **colonoscopy may** miss ... In this context, the best **measure** for the morbidity that results from any ... Despite the increasing

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### Observational methods to assess the effectiveness of screening ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: M Goodman - 2015 - 被引用次数: 6 - 相关文章

2015年7月23日 - **Screening colonoscopy's** effectiveness in reducing **risk** of death from ... Keywords: cancer **screening**, case-control study, **colorectal** cancer, ... Methodological difficulties that **may** affect observational studies .... the **age** of 50, two or more **biological** relatives diagnosed with CRC at ..... Write to the **Help** Desk.

### Assessment of quality in screening colonoscopy for colorectal cancer

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: AR Gonçalves - 2011 - 被引用次数: 12 - 相关文章

2011年12月9日 - To **evaluate** quality indicators of **screening colonoscopy** in a tertiary hospital. ... The mean **age** of the patients was 60.4 years and the mean ... The incidence of **colorectal** cancer (CRC) is rising in Europe and it is ... The polyp detection rate instead of **adenoma** detection rate was ..... Write to the **Help** Desk.

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作者: DA Lieberman - 2012 - 被引用次数: 952 - 相关文章

**Screening** for **colorectal** cancer (CRC) in asymptomatic pa- tients **can** reduce the ... patients **may** develop cancer within 3–5 years of **colonoscopy** ... neoplasia during surveillance: (1) low-risk **adenomas** (LRAs), ... examination to **determine** the downstream **risk** that **may** be .... Interval CRC **may** biologically differ from preva-

### Colorectal Cancer Screening for Persons at Average Risk | JNCI ...

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作者: WF Anderson - 2002 - 被引用次数: 95 - 相关文章