

Name of Journal: World Journal of Gastroenterology

Manuscript NO: 35018

Manuscript Type: ORIGINAL ARTICLE

*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

1	<b>Crossref</b> 146 words Beom Jin Kim. "Clinical usefulness of glycosylated hemo- globin as a predictor of adenomatous polyps in the col..."	5%
2	<b>Crossref</b> 134 words Bae, Chul-Young, Young Gon Kang, Mei-Hua Piao, BeLo- ng Cho, Kyung Hee Cho, Yong Kyu Park, Byung Yeon Y	5%
3	<b>Crossref</b> 27 words Lim, Jun Uk, Jae Myung Cha, Joung Il Lee, Kwang Ro Jo- o, Hyun Phil Shin, Jae Jun Park, and Jung Won Jeon. "O	1%
4	<b>Internet</b> 26 words crawled on 05-Feb-2017 <a href="http://e-sciencecentral.org">e-sciencecentral.org</a>	1%
5	<b>Crossref</b> 23 words Byung Chang Kim. "Association of colorectal adenoma ... with components of metabolic syndrome", <i>Cancer Causes</i>	1%
6	<b>Internet</b> 21 words crawled on 27-Feb-2017 <a href="http://www.wjgnet.com">www.wjgnet.com</a>	1%
7	<b>Crossref</b> 19 words Freude, G., O. Jakob, P. Martus, U. Rose, and R. Seibt. ... redictors of the discrepancy between calendar and biolo	1%
8	<b>Publications</b> 15 words Luo, ChunYan Guo, XiaoYan Song, Wei Zhao. "Decreas- ed resting-state interhemispheric functional connectivit ...	1%
9	<b>Internet</b> 11 words crawled on 28-Jun-2017 <a href="http://www.jove.com">www.jove.com</a>	<1%

[全部](#) [图片](#) [视频](#) [新闻](#) [地图](#) [图书](#)

找到约 1,690,000 条结果

**时间不限**

过去 1 小时内  
过去 24 小时内  
过去 1 周内  
过去 1 个月内  
过去 1 年内

**所有结果**

精确匹配

显示的是以下查询字词的结果: [Measurement of \*Biological\* Age May Help to Assess the Risk of Colorectal Adenoma in Screening Colonoscopy](#)

仍然搜索: [Measurement of \*Biological\* Age May Help to Assess the Risk of Colorectal Adenoma in Screening Colonoscopy](#)

[Assessment of quality in screening colonoscopy for colorectal cancer](#)<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3254205/>

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.

[Adenoma detection in patients undergoing a comprehensive ...](#)<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3699850/>

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**.

[全部](#) [图片](#) [视频](#) [新闻](#) [地图](#) [图书](#)

找到约 59,000 条结果

**时间不限**

过去 1 小时内  
过去 24 小时内  
过去 1 周内  
过去 1 个月内  
过去 1 年内

**所有结果**

精确匹配

[Assessment of quality in screening colonoscopy for colorectal cancer](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3254205/)<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3254205/>

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**.

[Adenoma detection in patients undergoing a comprehensive ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3699850/)<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3699850/>

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)<https://www.uspreventiveservicestaskforce.org/Page/.../colorectal-cancer-screening>

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

[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多](#)[设置](#)[工具](#)

找到约 59,100 条结果（用时 0.98 秒）

### 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](#).

### Guidelines for Colonoscopy Surveillance After Screening and ...

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

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 ...

<https://academic.oup.com/.../Colorectal-Cancer-Screening-for-Persons-at-Av...> - [翻译此页](#)

作者: WF Anderson - 2002 - 被引用次数: 95 - [相关文章](#)