

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 47208

Title: Colorectal cancer screening from 45 years of age: Thesis, antithesis and synthesis

Reviewer's code: 00036099

Reviewer's country: France

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-03-11 09:39

Reviewer performed review: 2019-03-14 15:24

Review time: 3 Days and 5 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a well-written review concerning colorectal cancer screening from 45 years old. This review is interesting and informative, pro- and anti- arguments are rigorously developed. I have no major remarks. The different fields concerned by CCR screening in young people are discussed. Authors underline the need for scientific



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evidence from population studies especially in front of the heterogeneity of epidemiologic indicators across countries. May be this geographical heterogeneity is the major point that may question lowering the age for screening in all countries. The choice of the screening strategy (FIT then colonoscopy vs colonoscopy alone) is crucial too and may strongly depends from each public health officials. Authors argue that advanced-stage diagnosis from eoCRC is increasing over time. This has been observed in the US non-selected general population and started around 1998 (SEER program, Wang et al). If later stage at diagnosis could be related to lower screening and failure to recognize symptoms in young individuals, I wonder why this would have strongly changed over the past 20 years. Data on these trends are scarce. Based on the SEER program data, trends over time in incidence were heterogeneous among race/ethnicity. The increase concerned young Non-Hispanic Whites. A European Irish recent population-based study (Ullah et al) exhibited a global increase in stage III and IV disease for patients <50 yrs, mostly influenced by stage of presentation in patients aged 20–29 years. Explanations for these trends are unclear and, as underlined by authors, more large epidemiological and medico-economic studies are urgently needed. Minor remarks Paragraph 2.2.1, second paragraph: “This is proven by the increase in incidence among white adults”

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 47208

Title: Colorectal cancer screening from 45 years of age: Thesis, antithesis and synthesis

Reviewer's code: 00503931

Reviewer's country: Czech Republic

Science editor: Ruo-Yu Ma

Reviewer accepted review: 2019-03-12 19:24

Reviewer performed review: 2019-03-25 12:44

Review time: 12 Days and 17 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
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publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors describe very clearly the epidemiology of colorectal cancer (CRC) and emphasize the increasing incidence of early onset CRC over recent decades, supported by recent epidemiological studies. I consider the article very beneficial, it will help to improve CRC screening and I think it will serve as a motivation for further population



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INITIAL REVIEW OF THE MANUSCRIPT

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