

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 35018

Title: Measurement of Biological Age May Help to Assess the Risk of Colorectal Adenoma in Screening Colonoscopy

Reviewer's code: 00058440

Reviewer's country: Taiwan

Science editor: Ya-Juan Ma

Date sent for review: 2017-06-12

Date reviewed: 2017-06-19

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Chronological age (CA) is the age as determined by the passage of time since birth. However, biological age (BA) is determined by physiology rather than chronology. Colorectal adenoma was classified according to size, number, and location. BAs were calculated using the MEDIAGETM Biological Age Measurement System. As a result, the present study demonstrated that the prevalence of colorectal adenoma correlated well with BA, and was more common in the distal colon in BA-dominance. Furthermore, the incidence of MS correlated more precisely with BA compared with CA. The authors also pointed out the measurement of BA may help to assess the risk of colorectal adenoma in screening colonoscopy. Rather, careful colonoscopic examination in the distal colon should be performed in BA-dominant individuals. The study is concise and informative and I suggest it may be acceptable without revision.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 35018

Title: Measurement of Biological Age May Help to Assess the Risk of Colorectal Adenoma in Screening Colonoscopy

Reviewer's code: 00058378

Reviewer's country: Austria

Science editor: Ya-Juan Ma

Date sent for review: 2017-06-12

Date reviewed: 2017-06-23

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The author aimed to investigate the clinical utility of BA (biological age) measurement in screening colonoscopy for the detection of colorectal adenomas in the average-risk population. The present paper is indeed interesting, however few questions need to be addressed. 1. the age difference between those 2 groups is not great, thus I am not convinced that screening in relation to biological age will be of any clinical significance. In addition, MS was higher in the BA group, thus this fact might bias the outcome as well. I suggest performing a multivariate analysis including MS to more accurately defining the risk for developing adenoma.