

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 65979

Title: Colorectal cancer screening and surveillance in patients with inflammatory bowel disease in 2021

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 01589311

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Full Professor

Reviewer's Country/Territory: Brazil

Author's Country/Territory: Spain

Manuscript submission date: 2021-03-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-18 17:52

Reviewer performed review: 2021-03-20 19:16

Review time: 2 Days and 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**Peer-reviewer
statements**Peer-Review: ☒ Anonymous ☐ OnymousConflicts-of-Interest: ☐ Yes ☒ No**SPECIFIC COMMENTS TO AUTHORS**

This is a review paper by Huguet and collaborators on colorectal cancer screening and surveillance with focus on patients with inflammatory bowel disease (IBD). Although the subject is not entirely new, and has been the objective of several previous similar publications, the authors perform a wide and updated review with an interesting approach especially in the session "Summary of our recommendations". As special and new points, the authors call the attention to developments in the detection, follow-up, and management of dysplasia, and shed light on future progress in the field. Minor point: Please check the reference list. It seems that they are some repeated publications (such as 23, 30, and 56).

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05419337

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Spain

Manuscript submission date: 2021-03-18

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-03-24 07:46

Reviewer performed review: 2021-03-24 08:08

Review time: 1 Hour

Scientific quality	<input checked="" type="radio"/> Grade A: Excellent <input type="radio"/> Grade B: Very good <input type="radio"/> Grade C: Good <input type="radio"/> Grade D: Fair <input type="radio"/> Grade E: Do not publish
Language quality	<input checked="" type="radio"/> Grade A: Priority publishing <input type="radio"/> Grade B: Minor language polishing <input type="radio"/> Grade C: A great deal of language polishing <input type="radio"/> Grade D: Rejection
Conclusion	<input type="radio"/> Accept (High priority) <input checked="" type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input type="radio"/> Yes <input checked="" type="radio"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

The manuscript entitled “Colorectal cancer screening and surveillance in patients with inflammatory bowel disease in 2021” proposed a useful approach to get insight into detection, follow-up, and management of dysplasia in patients with IBD, including confocal laser endomicroscopy and full-spectrum endoscopy. Overall, the review is quite interesting and meaningful. Hence, I suggested this manuscript can be accepted.

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Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02941507

Position: Editorial Board

Academic degree: FACC, FEBG, MD, PhD

Professional title: Associate Professor, Staff Physician

Reviewer's Country/Territory: Greece

Author's Country/Territory: Spain

Manuscript submission date: 2021-03-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-20 07:42

Reviewer performed review: 2021-03-26 10:22

Review time: 6 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input type="checkbox"/>] Anonymous [<input checked="" type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Surveillance strategies in patients with inflammatory bowel disease are still a matter of discussion internationally. As a consequence, reviews concerning the up-to-date data are always useful in the everyday's clinical practice. The review by Huguet et al is a well-written one dealing with almost all aspects of the current surveillance programs. However, some recommendations and suggestions are listed below.

- Please cite some data concerning the cost of the individual prevention strategies
- Please mention strategies in case of large number of polyps found in surveillance endoscopy

Please mention the kind of endoscopic surveillance in cases of serrated epithelial change. (Inflamm Bowel Dis. 2020 Dec 9;:iaa312. doi: 10.1093/ibd/iaa312. PMID: 33295614).

- Could patients with high risk characteristics benefit from continuing the practice of random biopsies during surveillance examinations? Please address this topic. (Inflamm Bowel Dis. 2020 Aug 19;:iaa205. doi: 10.1093/ibd/iaa205. Epub ahead of print. PMID: 32812048).
- Comparisons between dye chromoendoscopy and high-definition White-light endoscopy gave opposite results. Please mention these differences and give recommendations. (Int J Colorectal Dis. 2020;35(12):2301-2307. doi: 10.1007/s00384-020-03719-3. PMID: 32812090.) and (Endosc Int Open. 2020 May;8(5):E578-E590. doi: 10.1055/a-1120-8376. PMID: 32355874; PMCID: PMC7174005).
- Please mention data concerning interobserver agreement (Tech Coloproctol. 2021;25(1):101-108. doi: 10.1007/s10151-020-02349-9. PMID: 33025294).
- Please mention data concerning colon endoscopy capsule (Dig Endosc. 2020 Jun 16. doi: 10.1111/den.13769. PMID: 32542702).
- According to some data, surveillance pouchoscopy is not recommended in asymptomatic patients because significant

neoplasia following IPAA for ulcerative colitis is rare. Please further clarify this matter. (Br J Surg. 2020;107(13):1826-1831. doi: 10.1002/bjs.11811. PMID: 32687623). • Use of Endocytoscopy for Ulcerative Colitis Surveillance (Gastroenterology. 2020 ;158(6):e1-e2. doi: 10.1053/j.gastro.2019.11.018. PMID: 31738921). • Please mention some recent references (J Clin Med. 2020;9:2286. doi: 10.3390/jcm9072286. PMID: 32708456; PMCID: PMC7408776).

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Peer-review model: Single blind

Reviewer's code: 05045708

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Assistant Professor, Doctor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: Spain

Manuscript submission date: 2021-03-18

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-03-24 06:04

Reviewer performed review: 2021-03-29 10:31

Review time: 5 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input type="checkbox"/>] Anonymous [<input checked="" type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Thank you for detailed approach on colorectal cancer in IBD patients, I would advise only giving information about approach on pseudopolyps in active disease and remission disease which might be confounded about colorectal cancer development in the manuscript text Best Regards,

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Peer-review model: Single blind

Reviewer's code: 03662955

Position: Editorial Board

Academic degree: PhD

Professional title: Chief Physician, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Spain

Manuscript submission date: 2021-03-18

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-03-28 10:08

Reviewer performed review: 2021-04-08 14:14

Review time: 11 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This is a well-written paper which reviewed the advanced detection, follow-up and managements of dysplasia and addresses the importance of using new endoscopy techniques for screening CRC or IBD. It helps readers to better handle the dysplasia in CRC or IBD. The new endoscopy techniques are attractive and worth further exploration. It will be nicer if a table for summary and comparison of the different detection methods can be added.