



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 67318

Title: Recent trends in the prevalence and distribution of colonic diverticula in Japan evaluated using computed tomography colonography

Reviewer's code: 05374940

Position: Peer Reviewer

Academic degree: FACS, MA, MD

Professional title: Professor, Surgeon

Reviewer's Country/Territory: Philippines

Author's Country/Territory: Japan

Manuscript submission date: 2021-04-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-29 23:00

Reviewer performed review: 2021-05-01 22:17

Review time: 1 Day and 23 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 Grade E: Do not publish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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This is an important body of work studying diverticulosis in the Asian setting. Since you have implied superiority of the CTC over the usual diagnostic modalities such as Barium enema and colonoscopy, it was also expected that a bit more emphasis would be placed on supporting this assertion.



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 67318

Title: Recent trends in the prevalence and distribution of colonic diverticula in Japan evaluated using computed tomography colonography

Reviewer's code: 00038744

Position: Peer Reviewer

Academic degree: PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: New Zealand

Author's Country/Territory: Japan

Manuscript submission date: 2021-04-27

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-27 08:23

Reviewer performed review: 2021-05-03 09:41

Review time: 6 Days and 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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
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SPECIFIC COMMENTS TO AUTHORS

The main aim of this study was to evaluate the prevalence of colonic diverticula using CT colonography. The authors conducted a multi-center study involving 1,181 patients and analyzed the prevalence of colonic diverticula by age, gender, location and length of the colon. The main findings were a higher prevalence of diverticula, particularly in older patients, and a shortening of the colon with patients with diverticular. The authors also noted a seemingly higher prevalence of right-sided diverticula in the population studied. In general, the study is clearly presented. I have made a number of comments for the authors to consider in order to improve the manuscript. Major Page 12 – what was authors’ justification for the severity criteria? I see later on page 15 a more detailed classification definition was given, was this provided in the work by De Cecco et al (reference 15)? It would be to clarify the classification criteria in the methods. Given there was an increasing in the prevalence of diverticula associated with age, would the distribution of age data be skewed? Was this accounted in the statistical analysis? One limitation, as acknowledged by the authors, was the non-inclusion of asymptomatic patients. However, this does raise the question whether the severity of diverticula was related to the severity of symptoms? Given that the participants were all symptomatic, this data should be available for analysis. Minor Were there any exclusions criteria? Page 15 “The grading of diverticula was in accordance with a previous study to allow for comparison with [the] previous stud[y]” unless multiple studies can be cited then it is “studies” Figure 3 – the color schemes of “non” and “left “are difficult to discern.