



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 57310

Title: Gallbladder wall thickening: Approach to diagnosis on imaging

Reviewer's code: 05268902

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Research Scientist, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2020-06-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-06-09 13:15

Reviewer performed review: 2020-06-12 09:36

Review time: 2 Days and 20 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 Grade E: Do not publish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 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

good



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 57310

Title: Gallbladder wall thickening: Approach to diagnosis on imaging

Reviewer's code: 05122255

Position: Peer Reviewer

Academic degree: MD

Professional title: Reader (Associate Professor), Surgeon, Surgical Oncologist

Reviewer's Country/Territory: Taiwan, China

Author's Country/Territory: India

Manuscript submission date: 2020-06-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-06-08 13:37

Reviewer performed review: 2020-06-16 14:35

Review time: 8 Days

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 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 interesting review article focused on diagnostic modality, characteristic finding of each diagnostic tool, and approach to diagnosis of GB wall thickening. I have several opinions. (1) I have no comment on title and abstract. Since this review emphasized on GB wall thickening, the definition of GB wall thickening is mandatory for background and introduction.. (2) In the section of "CAUSES OF GB WALL THICKENING", author should explore more reference instead just 2 relevant studies. In addition, I do not believe that the reference 3 is relevant. (3) For figure 2, author should indicate that which is "A", "B", "C", or "D". (4) Table 1 should be modified since the item column (the left) is confusing. (5) How about authors incorporate the role of intervention radiology in this review article? In general, this review article is informative. Authors specified each modality and then introduced how to distinguish several specific entities from gallbladder cancer. Since I am a hepatobiliary surgeon, I have to suggest that this article should also be well-reviewed by radiologist for the specific radiologic findings mentioned in this article.



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 57310

Title: Gallbladder wall thickening: Approach to diagnosis on imaging

Reviewer's code: 03258219

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: India

Manuscript submission date: 2020-06-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-06-08 13:30

Reviewer performed review: 2020-06-20 01:45

Review time: 11 Days and 12 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 type="checkbox"/> Minor revision <input checked="" 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 minireview titled “Gallbladder wall thickening- approach to diagnosis on imaging” focuses on utility of imaging in differentiating between gallbladder cancer, Adenomyomatosis, Chronic cholecystitis and xanthogranulomatous cholecystitis (XGC). The manuscript is a well written, comprehensive review and provides appropriate discussion on utility of imaging features in GB pathologies. Few suggestions : - Consider revising the title to more general imaging based approach to GB pathologies, rather than GB wall thickening, since you have presented an excellent overview on imaging features in GB evaluation, such as “Imaging based algorithmic approach to gallbladder pathology”. - Consider adding a section on acute cholecystitis versus Chronic cholecystitis/XGC. - Under CT section: “The indirect signs predictive of malignancy include biliary obstruction, regional lymphadenopathy... “-Please note lymphadenopathy has been described to be associated with 63% of XGC and needs to be added to the statement as a limitation due to overlap feature (Rammohan A, Xanthogranulomatous cholecystitis masquerading as gallbladder cancer: can it be diagnosed preoperatively? Gastroenterol Res Pract 2014:253645 <http://dx.doi.org/10.1155/2014/253645>.) - Under GB versus XGC: Note, while some specific imaging features have been described in literature there has reported variability and challenges in utility of these findings in routine clinical practice. Please revise and elaborate on sensitivity, specificity and diagnostic accuracy of MDCT in differentiating GBC from other GB pathologies. Study have has shown CT has moderate sensitivity, poor specificity, and moderate-to-substantial inter-rater repeatability for the differentiation of gallbladder cancer from acute and xanthogranulomatous cholecystitis (Wasnik AP et al Clinical Imaging 2018:50, 223–228.). Study have also shown no significant differences in CT findings XGC and gallbladder cancer on CT and have recommended careful intraoperative gross observation and frozen section should be used for accurate



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diagnosis and avoid unnecessary extended resections, a finding that emphasizes utility of intra-op frozen section in cases with suspicious imaging features for GBC (Suzuki H, et al. Xanthogranulomatous cholecystitis: difficulty in differentiating from gallbladder cancer. World J Gastroenterol 2015;21:10166-73.) - Suggest replacing CEUS example with any better reference image if possible - Fig 4A- Add short arrow to the figure legend



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 57310

Title: Imaging-based Algorithmic Approach to Gallbladder Wall Thickening

Reviewer's code: 05268902

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Research Scientist, Surgeon

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2020-06-08

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-13 12:45

Reviewer performed review: 2020-08-15 04:39

Review time: 1 Day and 15 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
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

SPECIFIC COMMENTS TO AUTHORS

well



RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 57310

Title: Imaging-based Algorithmic Approach to Gallbladder Wall Thickening

Reviewer's code: 05122255

Position: Peer Reviewer

Academic degree: MD

Professional title: Reader (Associate Professor), Surgeon, Surgical Oncologist

Reviewer's Country/Territory: Taiwan, China

Author's Country/Territory: India

Manuscript submission date: 2020-06-08

Reviewer chosen by: Jia-Ping Yan

Reviewer accepted review: 2020-08-13 05:13

Reviewer performed review: 2020-09-11 11:00

Review time: 29 Days and 5 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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

SPECIFIC COMMENTS TO AUTHORS

I have check this manuscript NO: 57310. Since what I had mentioned in previous round



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of review has been revised in the revised manuscript appropriately, my opinion is "accept".