

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53662

Title: Benign Gallbladder Diseases: Imaging Techniques and Tips for Differentiating

with Malignant Gallbladder Diseases

Reviewer's code: 00068723 Position: Editorial Board Academic degree: MD, PhD

Professional title: Doctor, Occupational Physician

Reviewer's Country/Territory: Japan

Author's Country/Territory: South Korea

Manuscript submission date: 2019-12-30

Reviewer chosen by: Jin-Zhou Tang

Reviewer accepted review: 2020-01-08 04:52

Reviewer performed review: 2020-01-11 08:08

Review time: 3 Days and 3 Hours

Scientific quality	[] Grade A: Excellent [] Grade B: Very good [Y] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish
Language quality	[] Grade A: Priority publishing [Y] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	[] Accept (High priority) [] Accept (General priority) [Y] Minor revision [] Major revision [] Rejection
Re-review	[]Yes []No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [] Onymous Conflicts-of-Interest: [] Yes [Y] No



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SPECIFIC COMMENTS TO AUTHORS

The authors reviewed diagnostic imaging of gallbladder diseases. Discussed diseases ranged from inflammation to cancer, including rare conditions such as gallbladder varices. The contents of this review were informative and useful for the clinicians. There are a couple of contrast medium available of CEUS. If contrast medium for CEUS was described, readers would be able to evaluate the photos of CEUS corresponding to the medium. The authors stated that HR-US was an advanced technique. It would be helpful to expand the explanation of HR-US. Figure 3. Were there any photos of surgical specimens, such as H&E staining? The stalk of lesion protruding to the lumen of gallbladder seemed absent with structure of the gallbladder wall. The lesion seemed to invade the wall of gallbladder. If invasion was the case, it was appropriate to diagnose gallbladder cancer. Gangrenous cholecystitis is a problem because it is sometimes fatal. Hallmark of the diagnosis of gangrenous cholecystitis would be helpful for the readers. If possible, please emphasize useful information, or tips, for the prompt and correct diagnosis of gangrenous cholecystitis. Figure 8. Were there any photos of ultrasonography? In adenomyomatosis of gallbladder, it was often possible to illustrate cystic lesion corresponding to RA sinus in the location of adenomyomatosis. Ultrasonoraphy is easy and usually performed as screening prior to CT or MRI. Figure 9. Were there any photos of ultrasonpgraphy? Ultrasonography is expected to be useful for many readers for their daily clinical work. The section of ADC map did not seem to match that of DWI. Were there any photos of surgical specimens, such as H&E staining? Figure 10. Were there any photos of ultrasonography? Figure 11. Were there any photos of ultrasonography? Was MRCP performed? How would the author think about liver invasion of the gallbladder cancer? The section of ADC map did not seem to match that of contrast-enhanced CT and DWI. Were there any photos of surgical specimens, such as



H&E staining? Figure 12. Were there any photos of ultrasonography? Figure 13. Were there any photos of ultrasonography?



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Title: Benign Gallbladder Diseases: Imaging Techniques and Tips for Differentiating

with Malignant Gallbladder Diseases

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Professional title: Chief Doctor, Full Professor, Surgeon

Reviewer's Country/Territory: China

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Scientific quality	[] Grade A: Excellent [Y] Grade B: Very good [] Grade C: Good [] Grade D: Fair [] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [] Grade B: Minor language polishing [] Grade C: A great deal of language polishing [] Grade D: Rejection
Conclusion	[] Accept (High priority) [Y] Accept (General priority) [] Minor revision [] Major revision [] Rejection
Re-review	[]Yes []No
Peer-reviewer	Peer-Review: [Y] Anonymous [] Onymous
statements	Conflicts-of-Interest: [] Yes [Y] No



SPECIFIC COMMENTS TO AUTHORS

This article is a systematic and detailed discussion on Imaging techniques and tips for differentiating with malignant Gallbladder Diseases