

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 66329

Title: Imaging of the chemotherapy-induced hepatic damage: yellow liver, blue liver, and pseudocirrhosis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03721359

Position: Peer Reviewer

Academic degree: MD

Professional title: Attending Doctor, Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Italy

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-21 15:43

Reviewer performed review: 2021-04-21 15:52

Review time: 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 Grade E: Do not publish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



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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

In my opinion, this paper has better revealed the different imaging manifestations caused by chemotherapy-induced liver injury, and has a certain guiding effect on clinical targeted treatment.

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Title: Imaging of the chemotherapy-induced hepatic damage: yellow liver, blue liver, and pseudocirrhosis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03317331

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Professional title: Attending Doctor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: Italy

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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
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SPECIFIC COMMENTS TO AUTHORS

Linda Calistri et al reported the image findings of chemotherapy related liver injury. They reviewed the pathogenesis and image presentations of CT/MRI clearly. This is an informative report and some valuable CT/MRI pictures are presented. There are only two suggestions: 1. Some chemotherapy-associated liver injury (CALI) could happen rapidly and be detected within days or weeks, but some cases of CALI develop slowly (months or years later). Some drug related liver damages are through immune reaction (hypersensitive) and could happen rapidly. Could authors give some image examples of acute onset of CALI? And give a time table of CALI, such as diseases types in 0-1 months, 1-3 months, 3-6 months and 6-12 months following certain chemotherapy. 2. Most cases in this report were followed for the responses of liver metastases following the chemotherapies. The image finding of non-tumor part may be detected incidentally. Are these image findings of yellow liver or blue liver, such as peliosis, correlated with the chemotherapy efficiency (survival time) or just a reversible finding, such as steatosis? 3. Could author add the duration of time following chemotherapy in Figure 13-15?