

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 73962

**Title:** Differentiating malignant and benign focal liver lesions in children using CEUS  
LI-RADS combined with serum AFP

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05906308

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Spain

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-10

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-12-13 10:35

**Reviewer performed review:** 2021-12-24 13:15

**Review time:** 11 Days and 2 Hours

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 Grade E: Do not publish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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<b>Peer-reviewer statements</b>	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 study is interesting and the discussion is well developed. Undoubtedly, the difficulty in adapting the guidelines of adults to children is given by the lower incidence of HCC and compared to the main pediatric hepatic malignancy (HB) pathology. As suggested by the authors, the study has limitations, but the results are interesting. In the title it would be better to limit the use of abbreviations. In the abstract and in the core tip: avoid use of abbreviations. In the results, indicate the range of data shown instead of the mean. Recommendation: accept

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**Peer-review model:** Single blind

**Reviewer's code:** 05506838

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Surgeon

**Reviewer's Country/Territory:** Italy

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-10

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-12-29 09:36

**Reviewer performed review:** 2022-01-08 10:49

**Review time:** 10 Days and 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	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 this study, the authors aimed to evaluate the performance of CEUS LI-RADS combined with AFP serum levels in differentiating benign and malignant focal liver lesions in children. The title and the abstract are adequate. The introduction is strict and concise. The methods are well-described, and the Results are quite interesting and innovative. The Discussion is well-structured, and the Conclusions are supported by the data. References are appropriate. Lastly, the English Language quality of the overall manuscript is pretty good. In conclusion, although this study has several limitations and authors' findings should be confirmed by further studies, I believe that this article may be suitable for publication in the WJG.