

## PEER-REVIEW REPORT

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

**Manuscript NO:** 65928

**Title:** Hemostasis testing in patients with liver dysfunction: advantages and caveats.

**Reviewer's code:** 01467363

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Full Professor

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

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

**Manuscript submission date:** 2021-03-17

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-08 16:06

**Reviewer performed review:** 2021-04-15 13:42

**Review time:** 6 Days and 21 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** bpgoffice@wjgnet.com  
<https://www.wjgnet.com>

## **SPECIFIC COMMENTS TO AUTHORS**

Title: accurately reflects the topic and content of the paper. Abstract: is appropriate, not structured, 194 words. Key words: 6 key words, define the content of the paper. Core tip: is appropriate, 138 words. Introduction: is informative, 319 words, the reader is acquainted with known facts about liver functions in synthesizing numerous plasma proteins, including most of the clotting factors. The purpose of the mini-review is clearly stated. Review: informative, 4122 words, the authors present different factors and their influence on blood clotting in individual chapters: evaluation of the hemostasis profile of patients with liver dysfunction – platelet count, global platelet functional tests, conventional coagulation tests, global coagulation assay, thrombin generation assays, viscoelastic tests – in different conditions: in liver transplantation, invasive procedures, in active bleeding. Presented and discussed are also hemostatic agents in patients with liver dysfunction, use and significance of platelet transfusion and thrombopoietin agonists, application of fresh frozen plasma, fibrinogen, recombinant activated factor VII, prothrombin complex concentrates, desmopressin and antifibrinolytic agents. The review is carefully written, supported by numerous references. Of course, the accurate reader should be aware that some options are available only in economically highly developed countries, with affordable and excellent health care. Conclusion: short, 115 words, the authors summarize the key findings of the presented topic and emphasize the importance of viscoelastic tests. References: 77, time period 1982 (J Clin Pathol) - 2021 (Annals of Emergency Medicine), references are appropriate, influential magazines in this field. Conflict of interest: the authors declared no conflict of interest. Opinion of the reviewer The content of the article is interesting, carefully written, this topic in the field of hepatology is often neglected. I suggest to accept the manuscript after language corrections.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 65928

**Title:** Hemostasis testing in patients with liver dysfunction: advantages and caveats.

**Reviewer's code:** 03764824

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2021-03-17

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-04-13 02:55

**Reviewer performed review:** 2021-04-18 14:29

**Review time:** 5 Days and 11 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<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="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

#### **SPECIFIC COMMENTS TO AUTHORS**

Well written and useful review. It would be helpful if the authors include current clinical practice at the end of each test/therapy based on available guidelines/clinical practice (understanding that guidelines recommendations are not available for all)