

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Hepatology*

**Manuscript NO:** 76488

**Title:** Sexual Dysfunctions and their treatment in Liver Diseases

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

**Peer-review model:** Single blind

**Reviewer's code:** 03232194

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

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

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

**Manuscript submission date:** 2022-03-21

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-03-22 12:01

**Reviewer performed review:** 2022-04-03 14:02

**Review time:** 12 Days and 2 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 Grade E: Do not publish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 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</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [ ] Yes [Y] No

## SPECIFIC COMMENTS TO AUTHORS

Physicians pay less attention to sexual function in patients with liver disease. This study conducted a literature review study on the diagnostic criteria, common causes, treatment, and other management options in patients with liver disease in both genders. On the basis of previous scholars' research, the content of the review is detailed and helpful for physicians to enhance their understanding of the disease. In particular, sexual dysfunctions assessment in liver disease ( Figure 2) and treatment of sexual dysfunctions in chronic liver diseases (Figure 4) are of great significance to clinical practice. Attached are suggestions on how to modify the article, which may be revised before publication. 1. There are relatively few research contents in this field, it is suggested that the author make a prospect for the research direction in this field, especially the treatment of female patients 2. On page 3, "table 21" should be "table 1".

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**Peer-review model:** Single blind

**Reviewer's code:** 02860797

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor, Research Fellow

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

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

**Manuscript submission date:** 2022-03-21

**Reviewer chosen by:** Qi-Gu Yao

**Reviewer accepted review:** 2022-04-13 23:46

**Reviewer performed review:** 2022-04-29 07:29

**Review time:** 15 Days and 7 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 type="checkbox"/> Accept (General priority) <input checked="" 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</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [ ] Yes [Y] No

### **SPECIFIC COMMENTS TO AUTHORS**

I read this work with great interest. This work reviews the incidence, risk factors, quality of life and management of sexual dysfunctions in liver diseases. However, I think that this work need revision in order to publish. Below are my concerns. 1. What is LDLT short for? 2. The part of liver transplantation and sexual functions is quite confusing. 3. The author did not describe the efficacy of PDE-5 inhibitors for sexual dysfunction, however mentioned a lot about its side effects and effect of HVPG changes? 4. What is the difference of figure 3 and 4? 5. The author mentioned that most patients with cirrhosis with sexual dysfunction have decreased quality of life. How much is the quality of life decreased in patients with cirrhosis with sexual dysfunction compared with those without sexual dysfunctions? 6. The structure of the article is a bit messy, please organize the context better

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**Peer-review model:** Single blind

**Reviewer's code:** 05533112

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Professor

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

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

**Manuscript submission date:** 2022-03-21

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-04-29 06:58

**Reviewer performed review:** 2022-05-05 02:11

**Review time:** 5 Days and 19 Hours

<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 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 type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

Conflicts-of-Interest: [ ] Yes [Y] No

## SPECIFIC COMMENTS TO AUTHORS

Comments to authors In this manuscript, Rakesh Kumar Jagdis et al have provided a review on the causes, assessment and treatment in patients with sexual dysfunctions and chronic liver diseases. This is an important and timely summary of sexual disturbances in liver diseases. Although this review is informative, the reviewer has a few concerns listed below to improve this manuscript . 1)The authors should provide a global epidemiological data of sexual dysfunctions in chronic liver. 2)A lack of information on how chronic liver diseases affect sexual dysfunction. Also, what about the interplay? 3)The discussion should be greatly improved, not just a descriptive summary of the topic. The authors should add their prospects. 4)The manuscript needs careful proof, as several grammatical mistakes were seen.