

## PEER-REVIEW REPORT

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

**Manuscript NO:** 47828

**Title:** Occupational exposure to vinyl chloride and liver diseases

**Reviewer's code:** 03505676

**Reviewer's country:** China

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-03-28 01:20

**Reviewer performed review:** 2019-04-01 02:04

**Review time:** 4 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

In the manuscript, the authors discussed comprehensively the updated association between occupational exposure to VCM and liver diseases, particularly HCC and chronic liver disease; meanwhile described the potential interaction between VCM exposure and some known liver carcinogens such as alcohol and chronic viral infection.

This is the response to previous unsolved issue on occupational exposure to VCM and liver diseases [Liver Int. 2017 May;37(5):630-633.] and summary of their recent large-cohort observation [ Am J Ind Med. 2019 Jan;62(1):14-20.]. If possible, two issues should be improved before acceptance. 1. The association between chronic liver diseases and HCC in the VCM workers should be discussed because some chronic liver diseases are also the risk factors for HCC. 2. Possible mechanisms on the relationship between VCM and HCC or chronic liver diseases should be mentioned.

#### INITIAL REVIEW OF THE MANUSCRIPT

##### *Google Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

##### *BPG Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 47828

**Title:** Occupational exposure to vinyl chloride and liver diseases

**Reviewer's code:** 02936110

**Reviewer's country:** China

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-05-13 11:40

**Reviewer performed review:** 2019-05-23 12:10

**Review time:** 10 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

Occupational exposure to vinyl chloride causes chronic liver disease, liver angiosarcoma, and hepatocellular carcinoma. The aim of this review is to summarize new findings about epidemiological studies of vinyl chloride and liver diseases and updates previous results. The results of this review are practical , however, there is still some points



**Baishideng  
Publishing  
Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-223-8242  
**Fax:** +1-925-223-8243  
**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

needed to be improved. 1.The title of this paper is Occupational exposure to vinyl chloride and liver diseases, however, only vinyl chloride, hepatocellular carcinoma and Chronic liver disease are discussed in this review. Whether there are any new epidemiological studies about vinyl chloride and angiosarcoma, if there are, please supply it. 2.What's the morbidity of hepatocellular carcinoma, angiosarcoma and chronic liver disease in the workers exposed to vinyl chloride.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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- ☐ No

##### ***BPG Search:***

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No