



**PEER-REVIEW REPORT**

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

**Manuscript NO:** 54734

**Title:** SPONTANEOUS PORTO-SYSTEMIC SHUNTS IN LIVER CIRRHOSIS: CLINICAL AND THERAPEUTICAL ASPECTS

**Reviewer’s code:** 02860814

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Assistant Professor

**Reviewer’s country:** Greece

**Author’s country:** Italy

**Manuscript submission date:** 2020-02-15

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-02-18 20:10

**Reviewer performed review:** 2020-02-21 14:48

**Review time:** 2 Days and 18 Hours

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 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 checked="" 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



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## **SPECIFIC COMMENTS TO AUTHORS**

I read with great interest this invited Mini-Review by Nardelli et al entitled “Spontaneous porto-systemic shunts (SPSS) in liver cirrhosis: Clinical and therapeutical aspects”. It is a well-written paper, where the authors describe successfully the association of “SPSS and hepatic encephalopathy”, “SPSS and esophago-gastric varices”, “SPSS and portal vein thrombosis” and “SPSS and liver transplantation”. They also provide a short description of the “Portosystemic shunt syndrome” and management with “Portosystemic shunts occlusion”. My comments on this paper are as follow: a) The exact diameter which discriminate SPSS into large or small sizes should be provided (page 3 - introduction). b) A detailed description about methods that could be used for the diagnosis of SPSS should be provided. Which methods are available? Which is the specificity and sensitivity of these methods? Which is the gold standard for SPSS diagnosis? Is there any guidance for screening cirrhotic patients for the presence of SPSS in order to monitor closely and to treat timely? c) Rarely, SPSS could happen in non-cirrhotic patient. This condition should me mentioned briefly in few sentences in the introduction. d) As we know the MELD score does not perfectly reflect the severity of liver disease, neither taking into account portal hypertension nor encephalopathy. Thus, the possibility of implementing the presence of SPSS into the MELD scoring system aiming to improve prognostic prediction should be discussed. e) The impact of SPSS shunts involving renal artery on renal function should be discussed. f) A recent paper by Praktijnjo et al in J Hepatol 2020 should be mentioned.

## **INITIAL REVIEW OF THE MANUSCRIPT**

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**Manuscript NO:** 54734

**Title:** SPONTANEOUS PORTO-SYSTEMIC SHUNTS IN LIVER CIRRHOSIS: CLINICAL AND THERAPEUTICAL ASPECTS

**Reviewer's code:** 02444986

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Academic Research, Doctor, Professor, Research Scientist

**Reviewer's country:** Turkey

**Author's country:** Italy

**Manuscript submission date:** 2020-02-15

**Reviewer chosen by:** Le Zhang

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**Reviewer performed review:** 2020-02-24 03:44

**Review time:** 4 Days and 21 Hours

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
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		<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



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

This is not a research article, but a literature review. Authors concisely summarized the clinical features of spontaneous porto-systemic shunts (SPSS) in patients with cirrhosis. if possible, a picture/diagram showing locations of SPSS in relation to venous structures should be added.

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

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

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- No

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- Plagiarism
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