

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 47172

Title: Safety and efficacy of transfemoral intrahepatic portosystemic shunt for portal hypertension: A single-center retrospective study

Reviewer's code: 03024263

Reviewer's country: Russia

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-03-09 14:54

Reviewer performed review: 2019-03-09 18:28

Review time: 3 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
<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 1991 Laberge et al. described the first success with the femoral approach in creating an hepatic vein-to-portal vein shunt in a patient whose hepatic veins were located caudal to the right portal venous trunk. Since non-standard approaches to portosystemic shunting



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have been described mostly in case reports, when anatomic challenges have prohibited conventional TIPS. To the best of my knowledge this is the first study to evaluate the safety and clinical outcomes of TFIPS and compare them with those of typical TIPS. Despite the limitations of the present report that the authors themselves indicate, this study showed that TFIPS to be a safe and effective treatment for patients who are poor anatomic candidates for standard TIPS creation or who have undergone an unsuccessful TIPS creation.

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 Clinical Cases

Manuscript NO: 47172

Title: Safety and efficacy of transfemoral intrahepatic portosystemic shunt for portal hypertension: A single-center retrospective study

Reviewer's code: 00052926

Reviewer's country: Greece

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-03-09 06:44

Reviewer performed review: 2019-03-17 17:23

Review time: 8 Days and 10 Hours

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

The manuscript entitled "Safety and efficacy of transfemoral intrahepatic portosystemic shunt for portal hypertension: A single-center retrospective study" is on a new method of creating portosystemic shunts using the femoral approach (TFIPS) in patients who



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failed the classical jugular approach (TIPS). The authors compare the two methods and found that they have similar reduction effect on portal venous pressure and gradient and similar effects on variceal hemorrhage rates. The subject is original, the paper is well written and the statistical methods are correct. The new method is safe and effective. Few cases of new onset of hepatic encephalopathy developed following the new method but not more than the classical method. Minor comments 1.The sample size is small (19 and 21 patients in TIFPS and TIPS group, respectively) but this is expected as the new technique is under development. 2.Figures 1 and 2 are of poor quality. 3.Table 2 needs justification. 4.In page 9 the sentence , “and a method known as the “gun-sight” approach[23], which creates a portocaval shunt in patients with HVs unsuitable for conventional TIPS creation was performed.” needs rewriting. 5.In page 8 “THE” should not be with capital letters. 6.In Table 1 “0..169” has two points.

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