

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Surgery

Manuscript NO: 34762

Title: Mesenteric vein thrombosis following impregnation via in vitro fertilization-embryo transfer

Reviewer's code: 02904354

Reviewer's country: China

Science editor: Yuan Qi

Date sent for review: 2017-07-04

Date reviewed: 2017-07-04

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This is an interesting case report. The authors reported their experiences regarding successful treatment of acute SMV thrombosis. Despite the management of acute SMV thrombosis is widely reported, they might provide a new risk factor for SMV thrombosis (). Several issues should be addressed before it is considered for the possible publication in the WJG. First, the liver, renal, and coagulation function data should be presented at her admission. PLT data should be also presented. Second, other thrombotic risk factors were missing, such as JAK2 V617F mutation, FV Leiden mutation, and FII G20210A mutation. These thrombotic risk factors should be reviewed in the Discussion. Indeed, EASL and AASLD guidelines have some clear recommendations regarding risk factors. Some high-quality evidence from meta-analyses should be reviewed. These limitations regarding absence of relevant data should be discussed. Third, it should be better if there are some pictures regarding surgical procedures and resection of gangrenous

portion of the small intestine. Fourth, is preoperative anticoagulation given? Fifth, follow-up CT scans showing the patency of SMV should be provided. Sixth, follow-up laboratory data should be provided. Did she have ascites? Seventh, I do not know the meanings of these words "partial recanalization of the SMV with persistent occlusion". Please clarify these words.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Surgery

Manuscript NO: 34762

Title: Mesenteric vein thrombosis following impregnation via in vitro fertilization-embryo transfer

Reviewer's code: 00613748

Reviewer's country: Canada

Science editor: Yuan Qi

Date sent for review: 2017-07-04

Date reviewed: 2017-07-04

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This is an interesting case highlighting the potential for a serious albeit infrequent complication of ART. I have no major comments

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Surgery

Manuscript NO: 34762

Title: Mesenteric vein thrombosis following impregnation via in vitro fertilization-embryo transfer

Reviewer's code: 03650239

Reviewer's country: United States

Science editor: Yuan Qi

Date sent for review: 2017-07-04

Date reviewed: 2017-07-11

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Mesenteric venous thrombosis is an uncommon cause of acute abdominal pain. However, as evidenced by the authors' case report, it can have serious consequences. Although there are numerous reports of mesenteric venous thrombosis in the literature, there are few that occurred in the setting of pregnancy, and I am unaware of other cases following in vitro fertilization. Overall, I think the manuscript is well written, but there are several minor points that should be addressed. 1. On page 6, as part of the discussion regarding her risk factors for venous thromboembolism (VTE), I would also mention whether the patient had a family history of VTE. 2. Pursuing thrombolysis in this case was undoubtedly a difficult decision as there are few data to guide its use during pregnancy. Recurrent SMV thrombosis itself is not surprising given the inflammation following surgery. It would be useful if the authors could expand upon their decision making in terms of pursuing thrombolysis. This is not meant to ignite a

debate, but more information could help readers making a similar decision in a different patient. 3. Similarly, I think the authors need to explain why abortion was recommended, as the thought process behind this decision is not discussed. 4. It would be useful for the authors to state how long they plan to continue anticoagulation in the patient.