



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 49043

Title: Risk factors, clinical features and short-term prognosis of spontaneous fungal peritonitis in cirrhosis: A matched case-control study

Reviewer’s code: 03257023

Reviewer’s country: India

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-05-15 15:59

Reviewer performed review: 2019-05-15 16:15

Review time: 1 Hour

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 type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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 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 provides useful information on the subject, but needs language rewriting. The flow of patients needs to be captured properly. The study started with 3119 patients, of whom 410 were chosen for study, but only 138 are included in the data.



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This needs to be expressed properly with regard to tally of the numbers. Table 3 shows Control 1 and Control 2, but does not show cases. The actual numbers of cases and the 2 control groups should be shown along with OR and CI. P value is not important if space is a constraint. Table 4 should also show the numbers for each group and should show the reference group in each horizontal category.

INITIAL REVIEW OF THE MANUSCRIPT

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 49043

Title: Risk factors, clinical features and short-term prognosis of spontaneous fungal peritonitis in cirrhosis: A matched case-control study

Reviewer's code: 03537089

Reviewer's country: Egypt

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-05-15 17:09

Reviewer performed review: 2019-05-19 16:56

Review time: 3 Days and 23 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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input checked="" 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 checked="" type="checkbox"/> Major revision	<input 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

Abstract: needs shortage, and corrections as shown Introduction needs some shortage, and vigorous language correction Patients and methods need shortage, language correction, correction of statistical analysis Results need shortage, and rearrangement



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Discussion needs some shortage, language correction and reference correction as shown
The manuscript needs major correction See the manuscript

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 49043

Title: Risk factors, clinical features and short-term prognosis of spontaneous fungal peritonitis in cirrhosis: A matched case-control study

Reviewer's code: 02942549

Reviewer's country: Greece

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-05-14 11:02

Reviewer performed review: 2019-05-20 10:44

Review time: 5 Days and 23 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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input checked="" 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 checked="" 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

It is a retrospective study about spontaneous fungal peritonitis in patients with liver cirrhosis. The limited published data regarding this difficult medical field, make this study interesting and important enough I have some comments to make 1) You



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described that you enrolled your sample from a data base of 3119 patients with culture positive ascitic fluid. But during your analysis you describe a group of patients (group 2) with diagnosis of SBP and PMN > 250 but culture negative ascitic fluid. How this can happen as your sample of patients derived from a pool of 3119 patients that all had culture positive ascitic fluid? Please explain 2) As you mentioned the vast majority of patients diagnosed with SFP had at the same time ascitic cultures positive for microbes (SBP). How can we know which of the two factors (fungi or microbe) played the most important role? 3) The administration of antibiotics during the hospitalization was found as an important factor predisposing to the presence of SFP. I believe that you must describe how many patients with SFP had a past history of SBP and how many of them had been taking prophylactic antibiotic treatment for the prevention of SBP before their hospitalization 4) The use of NSBB or PPI's was different among the 3 groups (SFP, SBP group 1 and SBP group 2)? 5) How many patients were finally analyzed and how many of them died? You give the Kaplan-Meier analysis but you do not describe the number of patients that finally died 6) In how many patients the prognostic scoring systems SOFA, CLIF-SOFA and APPACHE II were applied? 5) Your manuscript has a lot of grammatical problems that must be solved

INITIAL REVIEW OF THE MANUSCRIPT

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PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 49043

Title: Risk factors, clinical features and short-term prognosis of spontaneous fungal peritonitis in cirrhosis: A matched case-control study

Reviewer’s code: 02942147

Reviewer’s country: Argentina

Science editor: Jin-Lei Wang

Reviewer accepted review: 2019-05-18 22:42

Reviewer performed review: 2019-05-28 15:30

Review time: 9 Days and 16 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 type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
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			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

In this article, Chunhong Huang et al, compared the difference of clinical manifestation between spontaneous fungal peritonitis (SFP) and spontaneous bacterial peritonitis and evaluated risks factors for occurrence and short-term mortality of SFP. The design of



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the study is quite complex, since it is declared as a case-control study, but the authors also performed a survival analyses for one of the outcomes. Additionally, several scores are compared in terms of prediction of mortality in patients with SFP. Of note, in methods the authors only declare with sufficient detail how the case control study was designed. Very little information is given about the methodology used to perform the survival analyses and to compare the scores in patients with SFP. In the same line, no sample size calculating is given for any of the objectives of the study. The article would be very much improved if all these aspects are addressed in detail (an individual section to detail each methodology would be welcomed) Other suggestions: 1) In the introduction, when the mortality of the SBP is reported (second line) it should be declared in which time period (for example, 10-46% at 1 year?). I suggest to include as a reference a though recent review which has a table that clearly details the incidence of renal failure and death in patients with SBP (“Spontaneous bacterial peritonitis in patients with cirrhosis: incidence, outcomes, and treatment strategies”, *Hepat Med.* 2019; 11: 13-22.) 2) Consider at the end of the introduction declaring your third objective: to evaluate the predictive ability of different prognostic scoring systems....” 3) Please detail in methods or in the discussion how incorporating the variables “hepatorenal-syndrome” and “creatinine” in the model that evaluated factors associated with SFP mortality could affect its performance (both variables share very similar information) 4) Please detail in the inclusion criteria that patients had to be cirrhotic, and how did you evaluated this from the medical records 5) Table 5 could be improved if confidence intervals are reported for sensibility, and specificity. Also, the HR could be incorporated in a column.

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