

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Surgery*

Manuscript NO: 79894

Title: Diagnosis, severity stratification and management of adult acute pancreatitis – current evidence and controversies

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05655782

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Singapore

Manuscript submission date: 2022-09-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-12 01:46

Reviewer performed review: 2022-09-16 11:32

Review time: 4 Days and 9 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

This article comprehensively reviews the development, diagnosis, treatment, confusion, and problems to be solved of pancreatitis. It is a good review and is recommended for publication.

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Reviewer's code: 03307766

Position: Editorial Board

Academic degree: MD, MSc, PhD

Professional title: Associate Professor, Director, Doctor

Reviewer's Country/Territory: Kazakhstan

Author's Country/Territory: Singapore

Manuscript submission date: 2022-09-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-09-11 12:23

Reviewer performed review: 2022-09-19 13:31

Review time: 8 Days and 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

- This editorial is well-written, overall. It provides a nice overview of the AP. However, I would suggest spending some more words on chronic forms, since recurrent AP can overlap and/or cause chronic pancreatitis. In general, some points should be completed.

- Indeed, the authors themselves mention aspects/markers that may be more justifies in chronic forms , such as IgG4 screening (see: “In patients with no obvious etiology, a clinician must perform extended investigations before resorting to a diagnosis of idiopathic pancreatitis. These extended investigations include a repeat abdominal ultrasound scan, magnetic resonance cholangiopancreatography (MRCP) scan [2], endoscopic ultrasound (EUS) scan, autoimmune markers like serum IgG4 [7], viral markers like COVID-19 and genetic tests [10].). In this regard (IgG4 and, more in general, autoimmune pancreatitis), this recent review can be helpful to complete this discussion (World J Gastroenterol. 2021 Jul 7;27(25):3825-3836. doi: 10.3748/wjg.v27.i25.3825). - “In contrary, genetic testing involves assays for gene mutations such as mutations in the PRSS1 or CTFR gene.” This sentence should be supported by references (e.g. Gastrointest Endosc Clin N Am. 2022 Jan;32(1):27-43. doi: 10.1016/j.giec.2021.08.006). - the authors should also discuss the specific management of AP in the setting of chronic/recurrent pancreatitis, if any. - Moreover, the manuscript completely disregards the pediatric population: even if much more rarely, children can be affected by AP, both as an isolated episode and in the context of chronic recurrent forms (e.g. Front Pediatr. 2022 Aug 25;10:931336. doi: 10.3389/fped.2022.931336) and some concomitant episodes have also been observed during COVID-19 (Paediatr Child Health (Oxford). 2021 Dec;31(12):423-427. doi: 10.1016/j.paed.2021.09.001)

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's code: 03307766

Position: Editorial Board

Academic degree: MD, MSc, PhD

Professional title: Associate Professor, Director, Doctor

Reviewer's Country/Territory: Kazakhstan

Author's Country/Territory: Singapore

Manuscript submission date: 2022-09-11

Reviewer chosen by: Jia-Ru Fan

Reviewer accepted review: 2022-10-09 16:50

Reviewer performed review: 2022-10-09 18:03

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I have no additional major comments.