

PEER-REVIEW REPORT

Name of journal: *World Journal of Methodology*

Manuscript NO: 84697

Title: Epidemiological trends in acute pancreatitis: A retrospective cohort in a tertiary center over a seven year period

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02547753

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Chief Physician, Director, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Romania

Manuscript submission date: 2023-03-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-03-29 20:30

Reviewer performed review: 2023-04-01 08:28

Review time: 2 Days and 11 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
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

SPECIFIC COMMENTS TO AUTHORS

Thanks for the authors' work. This study provides us with valuable data for the epidemiological trends for acute pancreatitis in Romania , which is lacking in related work on Pubmed. However, I do have some questions: 1, "The objective of this paper is to estimate the incidence, cost and tobacco usage of hospitalized AP cases in Romania"(last paragraph of Introduction), and the authors' hospital "admitting half of the AP patients in our hospital as the other half being admitted to surgical wards"(first paragraph in Results). As the authors' hospital is a tertiary referral center, how can they ensure that the AP patients in their district are representative of AP patients throughout Romania? Have they considered any potential district-level heterogeneity? 2, The conclusion that "the incidence of acute pancreatitis in Romania is 2924 episodes per 100,000 people" is significant, as it is almost 10-20 times higher than the average level observed in East Europe (ref 8). Therefore, it is important to discuss in detail the potential reasons behind this discrepancy." 3, In this study, the etiology is classified as "alcohol related, biliary, hypertriglyceridemia, trama,DM, and others". Could you please provide more details on the criteria used for this classification? Are there any related

references that were consulted in making these classifications? 4. The table formatting in this article should be polished.

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05924725

Position: Peer Reviewer

Academic degree: BSc

Professional title: Associate Chief Physician

Reviewer's Country/Territory: China

Author's Country/Territory: Romania

Manuscript submission date: 2023-03-24

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-03-27 14:03

Reviewer performed review: 2023-04-01 15:11

Review time: 5 Days and 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input checked="" type="checkbox"/> Grade D: No novelty
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a retrospective epidemiological analysis. It is not adequately describe the background, present status and significance of the study. The methods of data analysis in the study is too simple with insufficient evidence. In the it discuss of the manuscript, paper's scientific is not significance relevance to clinical practice sufficiently.

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Peer-review model: Single blind

Reviewer's code: 06176936

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Chief Doctor, Deputy Director, Professor, Surgeon

Reviewer's Country/Territory: Russia

Author's Country/Territory: Romania

Manuscript submission date: 2023-03-24

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-04-20 06:08

Reviewer performed review: 2023-04-23 10:18

Review time: 3 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Dear colleagues, Digital material must be of the same type. I would change like this: We estimated the incidence of AP at 29,2 episodes that required hospitalization per 100,000 people. The majority of our cases were found in males (68,9%) and were related to alcohol abuse (45,7%). Out of the patients we were able to find data regarding tobacco usage, a vast majority of the patients were active smokers (68,5%).

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Peer-review model: Single blind

Reviewer's code: 05722857

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Czech Republic

Author's Country/Territory: Romania

Manuscript submission date: 2023-03-24

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-04-19 07:29

Reviewer performed review: 2023-04-23 14:26

Review time: 4 Days and 6 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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SPECIFIC COMMENTS TO AUTHORS

Interesting paper comparing epidemiology data on acute pancreatitis. While it does not bring new breakthrough informations it is important to see and compare evolution of epidemiology data and differences if different geografic regions and different time periods. It is a respectable fact, that this it the first study of its kind form Romania. Comments: in text is biliary AP defined as imaging findings with a high direct bilirubi. Biliary AP is however defined by elevation of aminotransferases (AST and/or ALT). Elevated bilirubin does not statistically corelate with biliary ethiology of AP. This shloud be corrected.