

[Review Form2](#)

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| Book Name: | Medicine and Medical Research: New Perspectives |
| Manuscript Number: | Ms_BPR_2512 |
| Title of the Manuscript: | Current Topics in Acute Abdomen: Causes, Diagnostics, and Emerging Therapies |
| Type of the Article | Book Chapter |

PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part. | The manuscript is important to help physicians to be familiar with causes of acute abdomen, diagnostic and treatment; and differences between children, adults and pregnant patient. It is also important to understand the evolution of the medicine and laparoscopy as a diagnostic and therapeutic tool. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The title is suitable but I believe it would sound better "(...) causes, diagnostic and emerging therapies". However I must say, I don't find any place in the article where emerging therapies are described such as gastrointestinal prostheses placement, percutaneous drainage, diagnostic and therapeutic laparoscopy... | |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | Abstract is comprehensible however I believe it's important due to its association with elevated morbimortality not "intense pain and rapid progression" as described. Also clinical examination is the minimum we do in a patient with acute abdomen and shouldn't be stated as a complex diagnostic method. | |
| Are subsections and structure of the manuscript appropriate? | Yes, subsections are appropriate but there are a few things lacking like keywords, it looks like an unfinished article. Also I believe in table 2, articles should be quoted from publication year – 2003, 2020, 2021, 2022 | |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part. | Although the "Title" of the article is "causes" of acute abdomen there's no place in this article regarding all the causes of acute abdomen and differences in children, adult and pregnant patient. In the "Methodology" there's no search for other common causes such as intestinal obstruction, other gastrointestinal perforations and cholecystitis and also, there are no specifications of the "specific periods" of the search. In "Results" there's a reference to magnetic resonance in acute abdomen but I would say there is no role for MR in the emergency setting as it is not available in most of the hospitals; also in results, it is quoted that in 2022 it was elucidated" (...); results are also disorganized in time (2022->2003) It would be nice to have some quote in results regarding the paper of emerging therapies in acute abdomen such as gastrointestinal prosthesis, clips, endosponge, percutaneous drainage, diagnostic and therapeutic laparoscopy etc. In "Conclusion" authors state they examine various etiologies but there is no place in the text examining causes of acute abdomen; also in this paragraph authors say COVID has led to adaptation and swift response but it is not said how. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. = | References are short. I wouldn't refer number 3 as there are a lot of other unusual causes of colonic perforation and this refer is just a case report and also wouldn't refer number 14 as there is no sense to quote "isquemiocardica" in an acute abdomen chapter. | |

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| | I suggest the reading of this chapter: Hugh M. Paterson (2024)Early assessment of the acute abdomen, Core Topics in General and Emergency Surgery: A Companion to Specialist Surgical Practice, 11, 105-114.e3 | |
| Minor REVISION comments | | |
| Is the language/English quality of the article suitable for scholarly communications? | yes | |
| Optional/General comments | | |

PART 2:

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|---|--|---|
| | Reviewer's comment | Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|---------------------------------|
| Name: | Eunice Vieira E Monteiro |
| Department, University & Country | Portugal |