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| Book Name: | [**Medical Science: Recent Advances and Applications**](https://bookstore.bookpi.org/product/medical-science-recent-advances-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5232** |
| Title of the Manuscript: | **An Update on the role of the clinical scoring systems in the diagnosis of acute appendicitis: Review Article** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | Appendicitis is one of the most common surgical causes of acute abdominal pain in patients. Today, contemporary research is vastly focused amongst physiopathology, imaging studies, digital data analysis, scoring algorithms and environmental or genetics related investigations, aiming to achieve a timely and precise diagnosis. Scoring systems are one of the methods used in diagnosing appendicitis that is still being studied and developed. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, it is suitable. |  |
| 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. | “PAS” could be added to sentence “The common scoring systems are the Alvarado score, RIPASA score, AIR, and AAS.” because it is mentioned in the manuscript. |  |
| **Is the manuscript scientifically, correct? Please write here.** | A separate paragraph could be written about articles stating that appendicitis scoring systems are inadequate for diagnosis. In general, it is stated in these articles that scoring systems are effective in rull out the diagnosis of appendicitis. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | It is pleasing that studies conducted in the last five years are mostly preferred as references.  - Löfvenberg F, Salö M. Ultrasound for Appendicitis: Performance and Integration with Clinical Parameters. Biomed Res Int. 2016;2016:5697692. doi: 10.1155/2016/5697692.  - Bilgili YD, Uçarcı DT, Güvenç BH (2024) Diagnostic parameters for acute appendicitis in pediatric patients with abdominal pain: An analytical interpretation. Ann Clin Anal Med 15(4):228-233. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Understandable language has been used, but it would be better to edit it to correct grammatical errors before printing. |  |
| Optional/General comments | - “The diagnosis of acute appendicitis involves the history of abdominal pain starting from the periumbilical region radiating to the right iliac fossa, and it is associated with nausea, vomiting, or fever.” Please add “loss of appetite”  - The first paragraph in the Imaging Methods section should state that CT involves radiation.  - The arrangement of abbreviations in the text should be reviewed. Although Appendicitis Inflammatory Response (AIR) was written before, no abbreviations were used in the manuscript. There are similar situation in AAS, CRP, PAS CT.  -Care should be taken not to start sentences with numbers.  For example:  “17 studies with 2239 patients were included in this study, and an Alvarado score of 7 and above was associated with a significant predictor of acute appendicitis”  “42 studies were included in this study, and an Alvarado score of 5 or below was associated with a 99% sensitivity in ruling out acute appendicitis in adults” |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Y.Doruk Bilgili, Bandirma Onyedi Eylul University, Turkey**