PEER-REVIEW REPORT

Name of journal: *World Journal of Experimental Medicine*

Manuscript NO: 87494

Title: Ground level utility of AWaRe Classification: Insights from a Tertiary Care Center In North India

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06059470

Position: Peer Reviewer

Academic degree: BCPS, MSc, PharmD, PhD

Professional title: Academic Research, Assistant Lecturer, Research Fellow

Reviewer's Country/Territory: Hungary

Author's Country/Territory: India

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Reviewer chosen by: Geng-Long Liu (Quit 2023)

Reviewer accepted review: 2023-08-30 06:25

Reviewer performed review: 2023-09-03 18:13

Review time: 4 Days and 11 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

The manuscript entitled „Ground level utility of AWaRe Classification: Insights from a Tertiary Care Center In North India" by Negi et al.   Abstract (and please also correct in the main text): once an abbreviation is introduced (e.g., AMR), please use it consistently throughout the text The overuse and misuse of antimicrobials are some of the most important hallmarks of AMR… explain the AWaRe classification AIIMS Rishikesh: explain the abbreviation …at a tertiary-care hospital: provide more info on the settings Medicine and Surgical departments…these department names were not informative "According to the AWaRe classification, 57.61% of antibiotics fell under the Access category, 38.27% in Watch, and 4.11% in Reserve." put category at the end of the sentence suggesting appropriate antibiotic selection, according to these criteria explain the DDD abbreviation antibiotic names should NOT be capitalized please consider revising the keywords for better visibility of the article   Introduction: "The discovery of antimicrobials is regarded as one of the most crucial advancements of the 20th century, contributing significantly to saving lives." please rephrase while minimizing the exacerbated risk of developing antimicrobial resistance (AMR).   "Antimicrobial

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resistance poses a global public health problem, capable of spreading and causing significant human and economic burdens." provide a reference for this statement introduce the abbreviation MDR (multidrug resistant) "The fourth category is of the Discouraged antimicrobials, mostly including antimicrobial combinations this was developed in the 2019 EML update." please rephrase this sentence please include some examples for all AB categories "Therefore, the WHO AWaRe categories can serve as a valuable tool for monitoring antibiotic consumption and optimizing antibiotic use, complementing antibiotic stewardship efforts at the national level." please consider including the following reference on the use of WHO AWaRe categorization: https://www.mdpi.com/2079-6382/10/9/1098 Objectives: "2. To assess knowledge and practices of prescribing doctor about the utility of AWaRe by Questionnaire based assessment" please rephrase The methodology is poorly explained, please check similar articles to see how the methods section should be described! The relevance of antimicrobial prescriptions was assessed by… statistical analysis is poorly explained, please check similar articles to see how the methods section should be described! Results: I recommend to split the results into three subsections please use the following form: n=123 please provide the following data: n, % "The mean duration of antibiotics prescribed was 6.63 ± 3.83 days. The maximum number of antibiotics prescribed per patient was five." summarize these sentences please explain the departments better the statistic tests used do not need to be explained in the results, they were explained in the methods Figure 2. and 3. is of poor quality, please improve them Discussion: metronidazole is not a broad-spectrum drug, please correct please further explain why metronidazole was the most commonly prescribed drug, according to the setting please include further references from other geographical regions on the use of the AWaRe classification Conclusions: please include some further clinical recommendations