

Review Form 3

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_130078
Title of the Manuscript:	Antimicrobial susceptibility pattern of aerobic bacteria isolated from urine of hospitalized children with urinary tract infection
Type of the Article	

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	This manuscript is useful in understanding the antimicrobial susceptibility patterns of the common pathogens known to cause UTIs in hospitalized children, a group of patients who are susceptible to antibiotic resistance. In turn, the study gives a response to a gap in understanding the practice of empirical antibiotic therapy by identifying the most common causative agents and the antibiotic resistance profiles of the organisms. Thus, the results help to expand the socioeconomic knowledge about PAMR and its tendency globally, as well as enhance the treatment algorithms leading to better outcomes and decreasing chances of further complications in patients.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title, " Antimicrobial susceptibility pattern of aerobic bacteria isolated from urine of hospitalized children with urinary tract infection, " is clear and descriptive but could be refined for conciseness and impact. A more succinct and engaging alternative title might be: " Antimicrobial Resistance Patterns in Pediatric Urinary Tract Infections: Insights from Hospitalized Children in Sudan " This alternative retains the key elements of the study while being more concise and highlighting the geographic context and importance of the findings.	
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.	To improve the abstract, the problem statement should be streamlined to emphasize the high prevalence of UTIs and the associated risks of antibiotic exposure in children, avoiding detailed numerical estimates that can be included in the main text. The objective can be rephrased for clarity, such as: "This study aimed to identify the causative agents of UTIs in children, evaluate their antimicrobial resistance patterns, and propose appropriate antibiotics for treatment." The methods section should briefly specify that it was a cross-sectional study conducted on 67 hospitalized children, providing essential context without excessive detail. The results could highlight the deviation observed, such as Staphylococcus aureus being the most common pathogen, contrasting with typical findings of Escherichia coli dominance, and discuss the implications of high resistance rates for clinical practice. The conclusion should be reinforced to link findings to actionable outcomes, suggesting the need for regular monitoring of resistance patterns and updating empirical treatment guidelines to enhance patient outcomes. Also the title is mention Susceptibility Pattern and the aim is to conclude resistance? please clarify this	
Is the manuscript scientifically, correct? Please write here.	From the standpoint of methodology and scientific characteristics, the manuscript is fundamentally flawless. It complies with most of the principles prevailing in microbiological and clinical research. However, for publication-quality refinement, it wants improved structure, less wording, and more crucial analysis of its results in the global and regional contexts of antimicrobial resistance.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Reference are not sufficient, as there is only 14 references, and there is not a single reference in Discussion, pleas add 8-10 more reference, in which majority should be in Discussion	

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Is the language/English quality of the article suitable for scholarly communications?	Though using simple English to write the article, the author makes it easy to comprehensively understand the research work and its outcomes. However, in order to bring it up to the levels expected for scholarly communication, certain aspects such as grammatical accuracy, syntactic accuracy, many features of lexical accuracy, and finally academic formality should be enhanced. It is necessary to perform a strong review on grammar and style, if necessary it is needed to consult with the professional proofreader. It is important to follow a clearly defined format as well as to use same terms and terminology in the book. To enhance its academic contentment, there is a need to polish the linguistic level and free from the usage of idioms.	
Optional/General comments	The presented results seem to be immature to publish, as there is overall susceptibility profile, Gentamicin is showing sensitivity for all organism, resistance for all organism as However it should susceptibility of each organism separately	

PART 2:

	Reviewer's comment	Author's comment (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)
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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