



INSTITUTIONAL REVIEW BOARD (IRB) RAJSHAHI MEDICAL COLLEGE, RAJSHAHI.

Ref. RMC/IRB/2025/25

Date – 08-10-2025

CERTIFICATE OF ETHICAL APPROVAL OF RESEARCH PROTOCOL

To

Dr. Shila Tasnim Shimu
FCPS (Microbiology) Part – II Trainee
Department of Microbiology
Rajshahi Medical College, Rajshahi.
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Research Title of the Project : Bacteriological Profile and Antimicrobial Susceptibility of Recurrent Urinary Tract Infections with Detection of fimH Gene in *Escherichia coli* Isolates.

Period of Study – 12 Months

Dear sir

With reference to your application on the above subject, submitted on 22-09-2025, I am very pleased to inform you that your submitted research proposal of above mentioned title has been approved by ethical review committee. You are requested to comply the following ethical guidelines as mentioned at page 2 (overleaf) of this memo during your work.

The certificate will remain valid for aforementioned period of study.

Prof. Dr. Md. Abdul Alim
Member Secretary,
Institutional Review Board [IRB]
Rajshahi Medical College, Rajshahi, Bangladesh .

Correspondence: Prof. Dr. Md. Abdul Alim, Member Secretary, Institutional Review Board, Rajshahi Medical College. Tel: 01713228344, email-irbrmc@gmail.com Web : <https://irb.rmc.edu.bd>

THE ETHICAL GUIDELINES TO BE FOLLOWED BY

THE PRINCIPAL INVESTIGATOR (P.I.)/ CO-INVESTIGATORS

- ☐ The rights and welfare of individual volunteers are adequately protected.
- ☐ The methods to secure informed consent are fully appropriate and adequately safeguard the rights of the subjects (in the case of minors, consent is obtained from parents or guardians).
- ☐ The investigator(s) assume the responsibility of notifying the Ethical Review Committee if there is any change in the methodology of the protocol involving a risk to the individual volunteers or termination of research.
- ☐ To immediately report to the Ethical Review Committee if any evidence of unexpected or adverse reaction is noted in the subjects under study.
- ☐ It is mandatory to with let inform about the progress of research activities at six monthly interval and at the end of study .
- ☐ This protocol is ratified in accordance Research Cell, RMC ethical principles and guidelines currently in operation which is based on BMRC Ethical Principles & Guidelines.
- ☐ Ethical approval is specific to this protocol / project.