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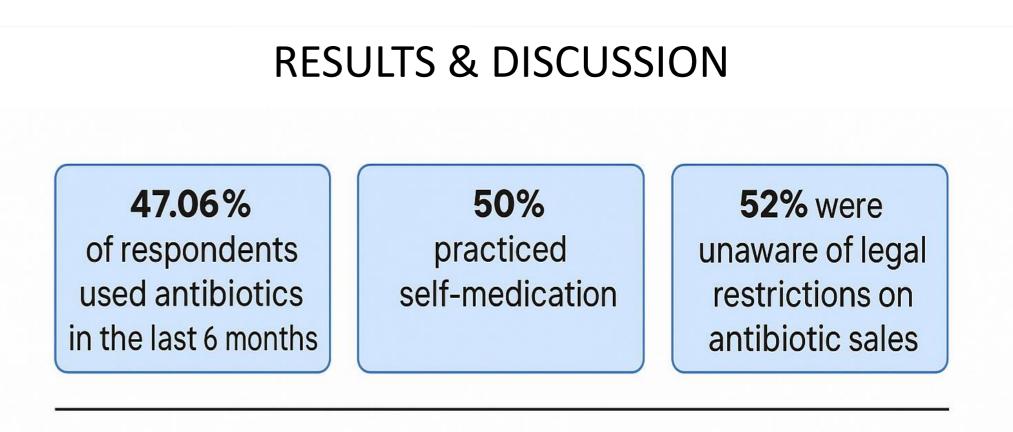
From Policy to Practice: Field-Level Regulation for Sustainable Antibiotic Stewardship in Bangladesh

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INTRODUCTION & AIM

Antimicrobial resistance (AMR) poses a major global threat, particularly in low- and middle-income countries (LMICs) like Bangladesh. The widespread use of antibiotics—often without prescriptions—is exacerbated by weak enforcement, pluralistic healthcare systems, and limited access to formal healthcare, particularly in rural areas.



Gaps identified:

Aim: To examine how antibiotic regulation operates at the grassroots level and how bottom-up regulatory approaches can foster sustainable stewardship practices in Bangladesh. Institutional inefficiencies

Lack of stakeholder engagement

Weak public awareness

Disconnect between policy and local enforcement

METHOD

Design: Qualitative, case-oriented Data Collection:

- Key informant interviews with district drug inspectors
- Focus group discussions with community members
- Semi-structured interviews with local pharmacists
- Secondary data from official reports and policy documents

CONCLUSION

Effective antibiotic stewardship in Bangladesh requires bridging the gap between national policy and grassroots implementation. An integrated approach—combining both top-down and bottom-up strategies—can enhance the responsiveness of regulatory practices.

FUTURE WORK / REFERENCES

- Focus on co-designed interventions with pharmacists and community leaders
- Expand research to other LMIC settings for comparative insights
- Selected references available upon request

https://sciforum.net/event/ECA2025