CTMID 2026 Conference
The 2026 International Online Conference on Tropical Medicine and Infectious Disease
1–2 July 2026 | Online
MDPI

Prevalence of multidrug-resistant bacteria in clinical samples from a secondary hospital in Lambaréné, Gabon, and Implications for antimicrobial stewardship: a retrospective study

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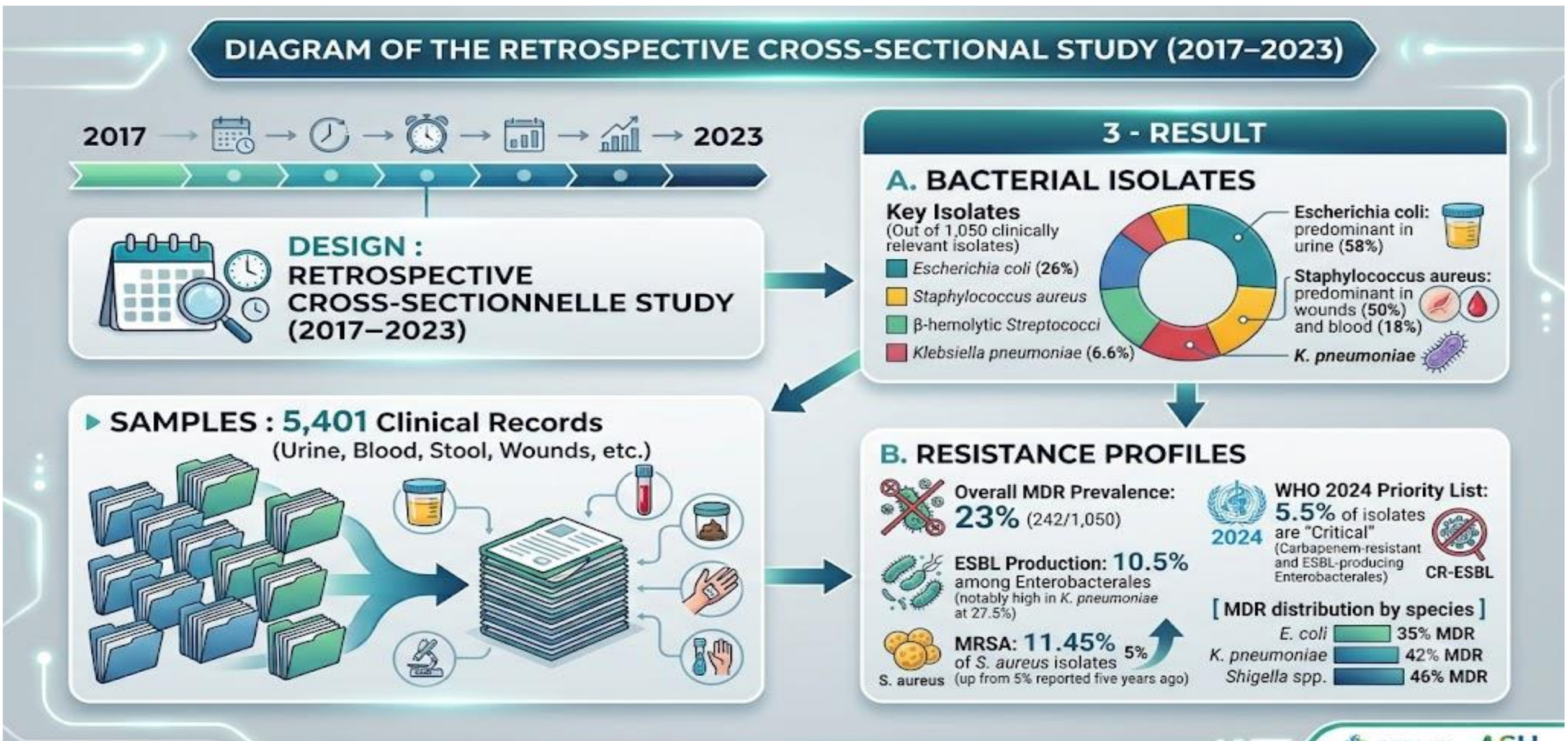
INTRODUCTION & AIM

Antimicrobial resistance (AMR) is a global health challenge, with Africa expected to bear the highest burden by 2050. This study investigates the spectrum and proportion of **multidrug-resistant (MDR)** bacteria at a major secondary hospital



Conclusion :

The high prevalence of **MRSA, ESBL-producing Enterobacterales, and MDR isolates** is alarming. In settings with limited infrastructure, these data are vital for:

- **Guiding empiric therapy** where culture is not systematic.
- **Informing National Action Plans** for AMR.
- **Strengthening Stewardship:** Promoting rational antibiotic use and active surveillance.