

Rise of the superbugs – A global burden of Antimicrobial Resistance (AMR)

Why is
AMR
a concern?

AMR has emerged as one of the leading public health threats of the 21st century.

By 2050



If AMR is not
tackled **NOW**

Source : amr-review.org/sites/default/files/160518_Final%20paper_with%20cover.pdf

AMS - Antimicrobial Stewardship

Antimicrobial Stewardship (AMS) aims to work with healthcare practitioners to optimize selection, dosing, and duration of antimicrobial treatment to have best clinical outcome with minimal side effects and subsequent resistance – to follow the **5 “D”s**.



1. Right **D**rug
2. Correct **D**ose
3. Right **D**rug-route
4. Suitable **D**uration
5. Timely **D**e-escalation

OSOM® Strep A Test

Approved for Clinical Diagnostic use in Singapore

Includes 2 additional test sticks for external QC testing

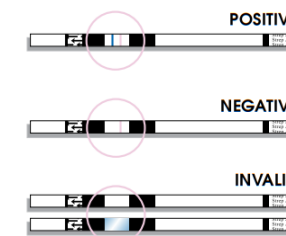
Has a 98% specificity versus culture

Easy-to-read two colour results

Results in 5 minutes

Sensitivity of 96%

Made in USA



DO YOU KNOW ?

In 2022, UK observed increase in cases of group A streptococcus disease causing scarlet fever, mostly affecting children under 10 years of age, leading up to dead in some serve cases. It was crucial to treat those children with Strep A infection promptly.

When parents realise their children were falling sick, parents start visiting the pharmacist to get antibiotics without knowing if it was bacterial or viral infection. Hence, there was an over-use of antibiotics where pharmacists began reporting shortages of the antibiotics used to treat patient with Strep A infections. With our **OSOM® Strep A Test** parents/pharmacist and doctors could easily be able to diagnose their children with Strep A infection and administer treatment efficiently.