

Laboratory Risk Mitigation of Supply Chain Issues: Evaluations of Essential Agar Media

Sherman Lim, Nur Syhadah Lee, Shao Hua Sng, Kalaivani D/O Rethinasingham, Nadiah Binte Sata, Annjuline Chen, Iris Lim, Huina Yang

sherman_yh_lim@ttsh.com.sg



Problem Statement

For the identification of bacterial pathogens and susceptibility testing, the microbiology laboratory is heavily reliant on commercially prepared agar media for bacterial culture.

There were several issues with supply chains during the pandemic. Lessons learnt include the necessary risk mitigation to evaluate Health Sciences Authority (HSA) approved alternatives for essential agar media, in the event of unplanned shortages.

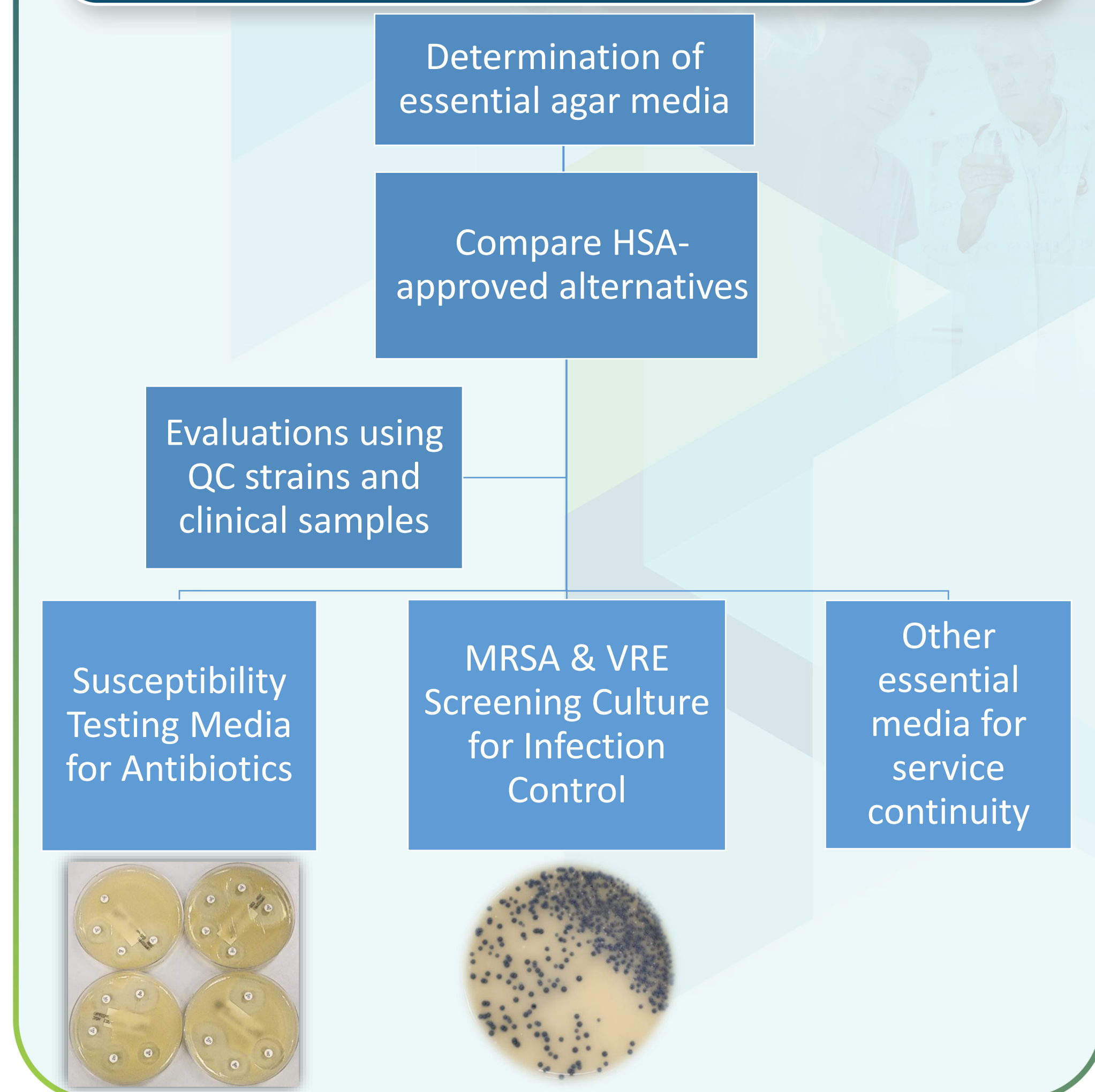
Project Aim

To identify acceptable alternatives for essential agar media to ensure the continuation of the clinical laboratory service, minimising service disruptions.

Lessons Learnt

Adherence to quality management systems is necessary for safe patient care. Pre-consideration of known risks and pre-emptive evaluations of alternatives provides options for service continuity, while meeting quality requirements for the laboratory.

Potential Solutions



Outcomes & Impacts

