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Project #15: A Tale of Two Nasal Swabs: Impact of Process Improvement in Testing for MRSA Pneumonia

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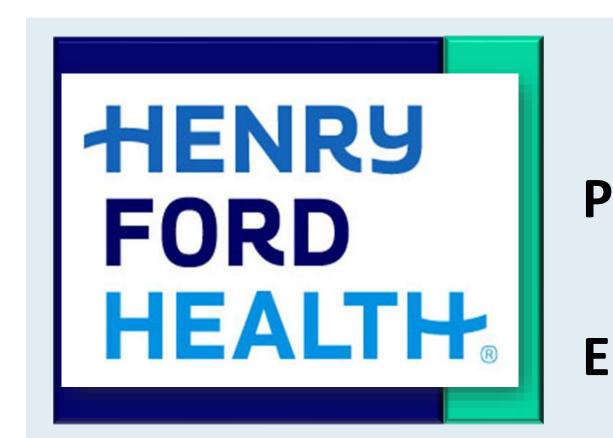
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💫 A Tale of Two Nasal Swabs: Impact of Process Improvement in Testing for MRSA Pneumonia

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P Background

- Pneumonia (PNA) is a leading cause of infectious-related hospitalization in United States. Close to a third of patients receive inappropriate anti-methicillin-resistant Staphylococcus aureus (MRSA) coverage for pneumonia -> This can increase length of stay, health care cost, and cause harm to patients
- MRSA nasal swab (via MRSA culture or PCR) can aid in ruling out MRSA pneumonia, facilitating the reduction of anti-MRSA treatment
- In 2018, via delegated authority, pharmacists were able to order MRSA nasal culture in patients with community-acquired PNA (CAP)

AIM outline a comprehensive, evidence-driven, multi-year (2018-2023), interdisciplinary, and cost-conscious system-wide strategies aimed at enhancing quality of care by optimizing the use of diagnostics and anti-MRSA antibiotics.

