

The Impact of National Surveillance Training on The Knowledge of Infection Preventionists in the United Arab Emirates

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Background

Education and training are essential for Infection Preventionists (IPs) to stay abreast of criteria and methodologies used to identify Healthcare-Associated Infections (HAIs).

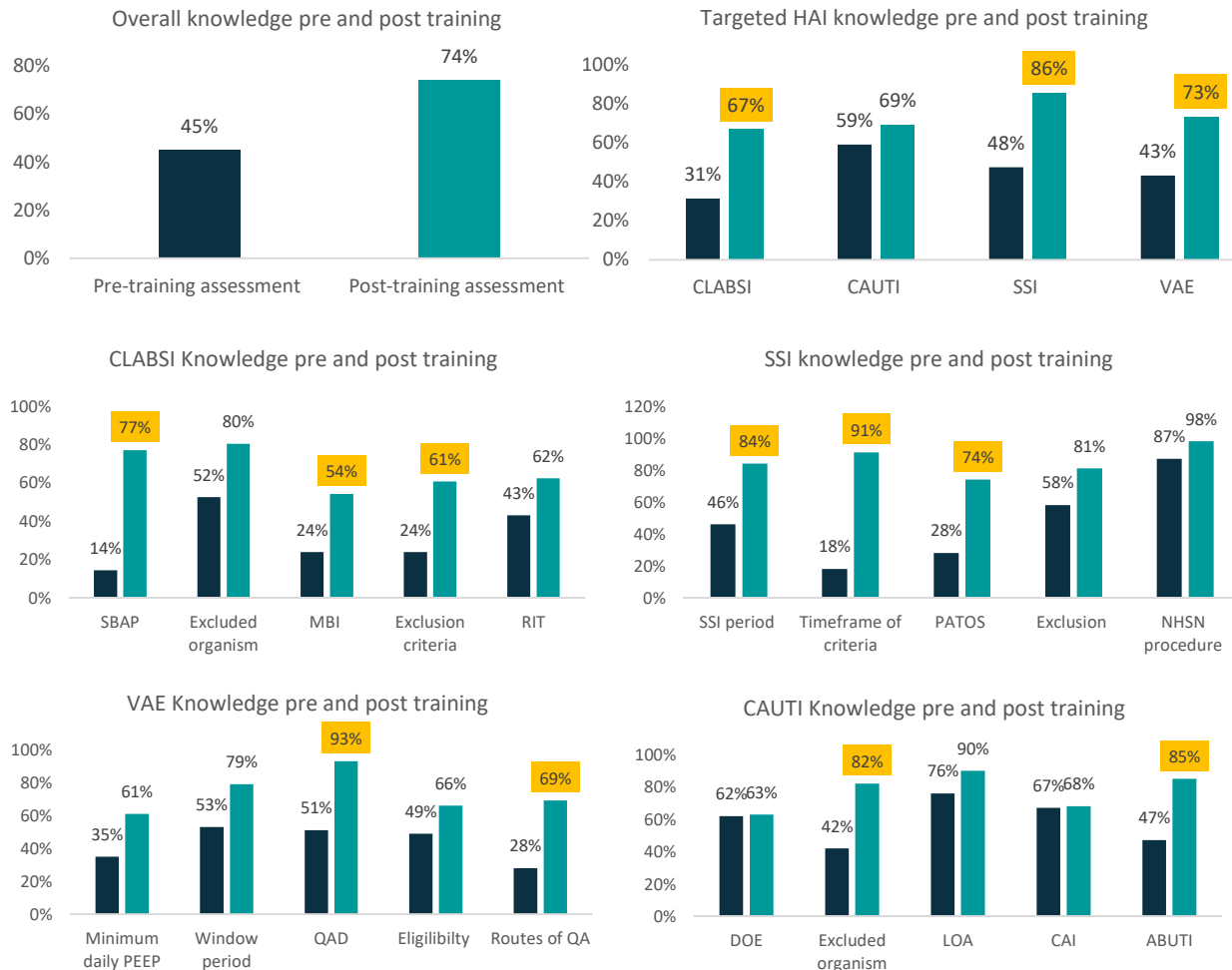
Objectives

This study assesses the impact of a national surveillance workshop on the knowledge of IPs in the United Arab Emirates (UAE) regarding Central Line-Associated Bloodstream Infection (CLABSI), Catheter-Associated Urinary Tract Infection (CAUTI), Surgical Site Infection (SSI), and Ventilator-Associated Event (VAE).

Study Design

96 IPs from both governmental and private hospitals participated, completing a pre-assessment questionnaire before the interactive national workshop on November 15, 2023. The questionnaire included 20 questions related to CLABSI, CAUTI, SSI, and VAE. A post-training reassessment was conducted to gauge the acquired knowledge, and statistical significance was set at $P \leq 0.05$.

Results



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Results showed a baseline knowledge of 45% on the pre-training assessment.

After the workshop, there was a significant increase to 74% on the post-training assessment ($P < 0.0001$).

Conclusion

- Targeted surveillance training significantly enhanced the knowledge of IPs in the UAE.
- Standardizing protocols through national training programs contributes to a consistent approach in identifying HAIs, establishing a robust national benchmark, and fostering a collective commitment to patient safety.

References

National Healthcare Safety Network (NHSN): Patient Safety Component Manual 2023