





STRENGTHENING HEALTHCARE OUTCOMES THROUGH A RIGOROUS AND SUSTAINABLE INFECTION PREVENTION TRAINING PROGRAM IN A SECONDARY HOSPITAL IN SAUDI ARABIA

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The Basic Infection Control Skills License (BICSL) program, initiated by the Saudi Ministry of Health (MOH), plays a crucial role in elevating the knowledge of healthcare workers (HCWs) in infection prevention and control (IPC).



Its primary objective is to educate HCWs on fundamental IPC principles, mitigating the risk of infection transmission within healthcare facilities, and promoting patient safety.



This study explores our experience implementing the BICSL program and its impact on improving healthcare outcomes.



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Highlight the importance of the Basic Infection Control Skills License (BICSL) program in Saudi Arahia



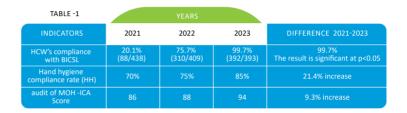
Explore our experience in implementing the BICSL program at our facility.

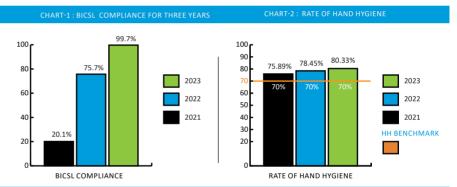
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Demonstrate the statistical significance of improved healthcare workers (HCWs) compliance with BICSL training and its impact on healthcare outcomes.



- In a prospective analysis, we examined the compliance of HCWs with the BICSL training and its correlation with the improvement in the infection control audit (ICA) score by MOH and overall hand hygiene (HH) compliance rate at our secondary care hospital in Saudi Arabia.
- Descriptive statistics and Z-tests were utilized for outcome comparison, with a significance level set at p < 0.05.
- From 2021 to 2023, a targeted intervention scheme was implemented, encompassing a comprehensive and sustainable educational approach, evaluation of training quality, meticulous administrative follow-up, thorough review of training records, and personalized follow-up by the IPC team







Implementing targeted interventions significantly enhanced compliance with the BICSL program among our HCWs, leading to a notable improvement in their IPC knowledge and skills. The implementation of a rigorous and sustainable IPC training scheme yielded enhanced healthcare outcomes.

STATISTICAL TOOLS USED

REFERENCES

CONTACT INFORMATION

