POSTER PRESENTATION



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Effects of HH education program on HH compliance among empolyess working in a tertiary care setting in Saudi Arabia

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Introduction / objectives

King Abdulaziz Medical City conducted a pilot study monitoring the rates of HH compliance among healthcare workers over time.

Methods

Two phases were identified. The **pilot phase**, where HH compliance was monitored in adult ICUs during a baseline period and again during a follow up period; and the **implementation phase** where monthly and quarterly feedback of HH compliance was provided.

Results

A total of 1,658 HH opportunities were observed during the pilot phase and more than 55,000 opportunities were monitored over the next 2 years of implementation. Compared to baseline, rubbing increased (63.8% to 85.0%) while washing decreased (36.2 to 15.0%) during the follow up period (p<0.001). Baseline HH compliance rate was 45.3% and 76.1% thereafter. With an absolute improvement of 30.8% and relative improvement of 68.0%. The absolute improvement of compliance rate (average 30.8) was highest among nurses (34.6%) followed by other HCWs (28.0%) and finally doctors (21.9%). All HH indications had significant improvements with the exception of HH after body fluid exposure.

Conclusion

The initial improvement observed at the pilot phase of HH program at KAMC was maintained and actually improved.

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Disclosure of interest

None declared.

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