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AIM

- To audit hand-washing quality in the NICU and ensure consistent adherence to proper techniques by all staff
- To reduce nosocomial infections and create a safer healthcare environment for both staff and patients through assessment, targeted education, and ongoing monitoring
- Timeframe: July 2024- November 2024

BACKGROUND

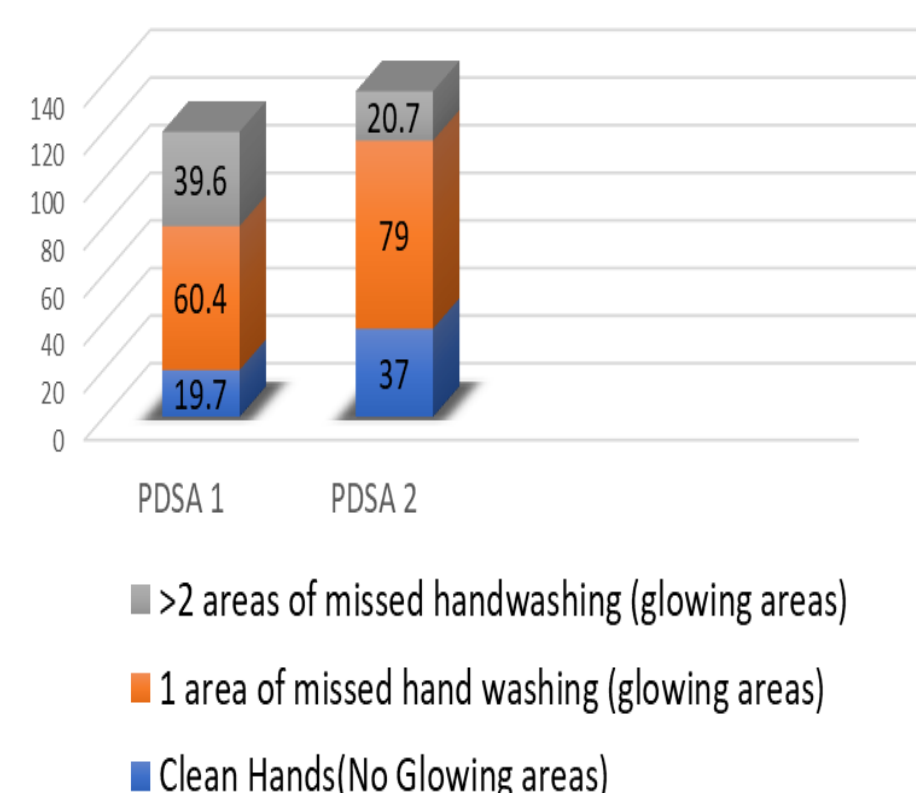
- The project was prompted by an increase in unit infections and an influx of new staff
- Proper hand hygiene is crucial in reducing the transmission of infections in healthcare settings
- Regular monitoring of the quality of hand hygiene practices ensures effectiveness

METHODS

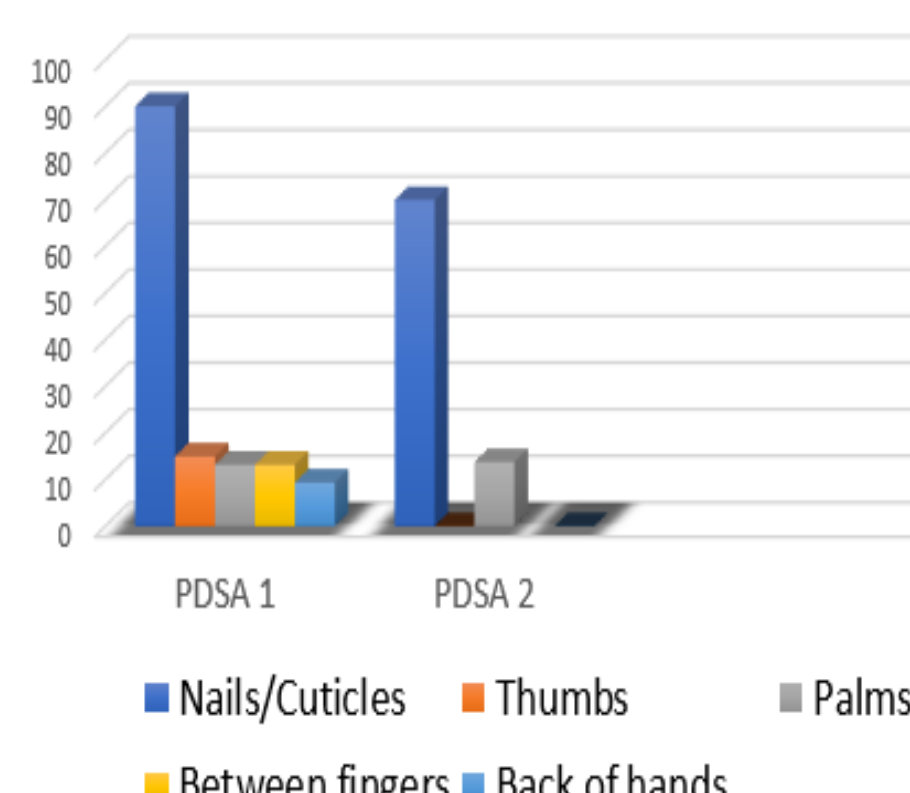
- To assess the effectiveness of handwashing, individuals entering the NICU applied glow lotion before handwashing
- A glow light was used to illuminate any missed areas
- Data was gathered on each instance of participation

RESULTS

Glow Light Audit Results

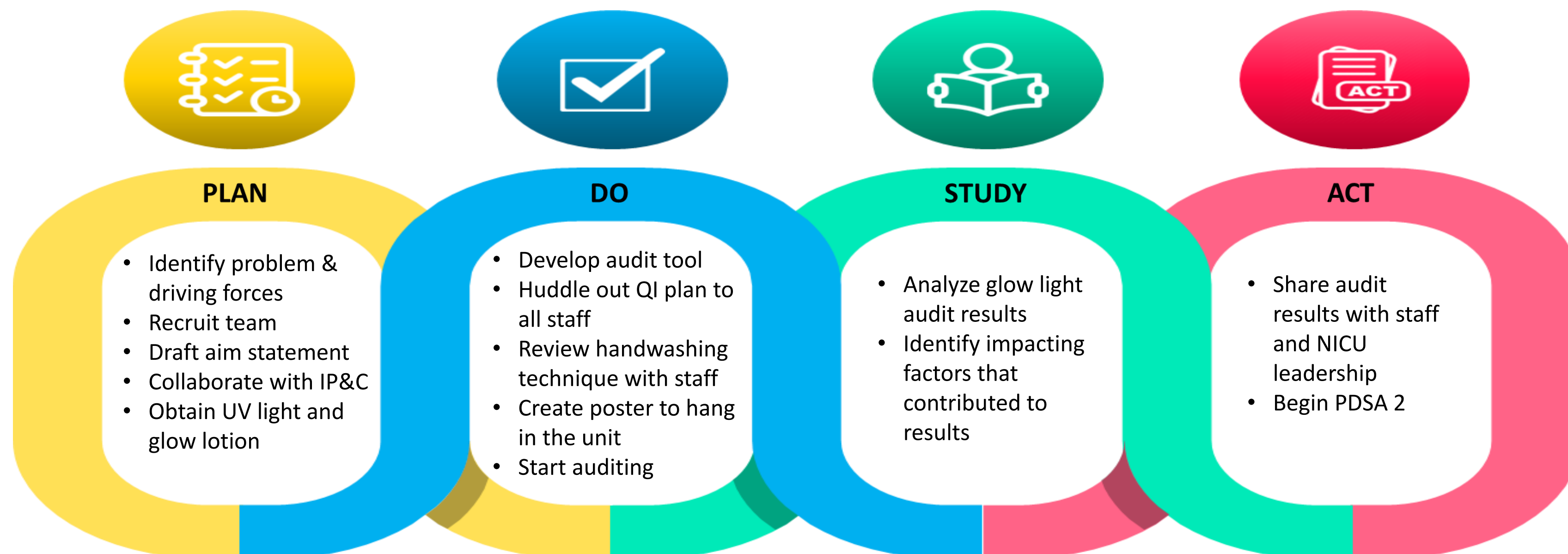


Missed Areas of Handwashing



PDSA CYCLE 1

July 8 – July 31, 2024



PDSA CYCLE 2

October 15 – November 7, 2024



CONCLUSION AND NEXT STEPS

Conclusion:

- Quality of hand hygiene improved by 17.3% at the end of the second PDSA Cycle
- The incidence of missed areas of hand hygiene also decreased
- Increased compliance was noted in those who had initially been wearing jewelry
- This QI project was shared with other areas of the hospital for application in their units due to its ease and value

Next Steps:

- Work with Handy Audit data collectors to ensure hand hygiene compliance
- Continue to stress the importance of basic skills and their contribution to decreasing infection