

# Background

- Sepsis continues to be a major contributor to morbidity and mortality in the NICU.
- Increased mortality and long-term neurodevelopmental impairments in infants with sepsis.
- Rising rates of nosocomial infection (NI) at Mount Sinai Hospital's (MSH) NICU over recent years.

# Aim Statement

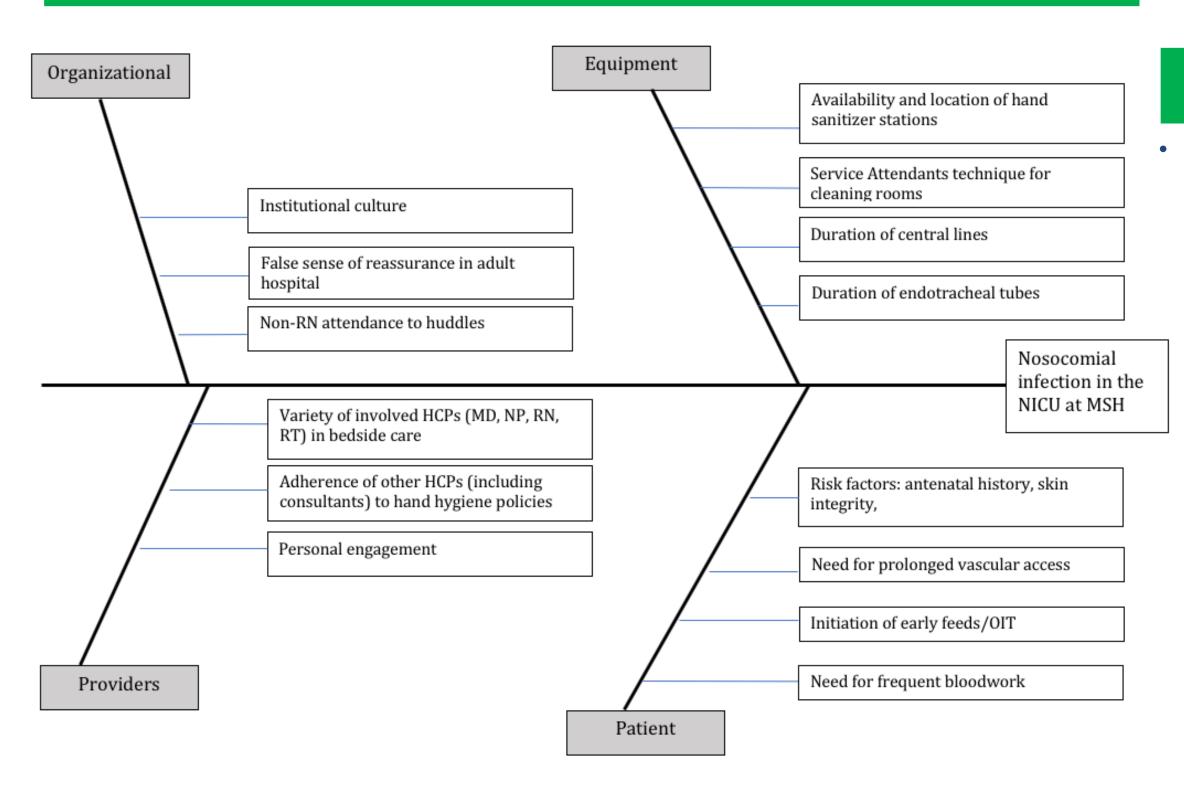
To reduce the rate of CLABSIs in the NICU from 22% to 18% by December 2023

To reduce the rate of non-CLABSIs in the NICU from 8% to 6% by December 2023

# **Process Outline**

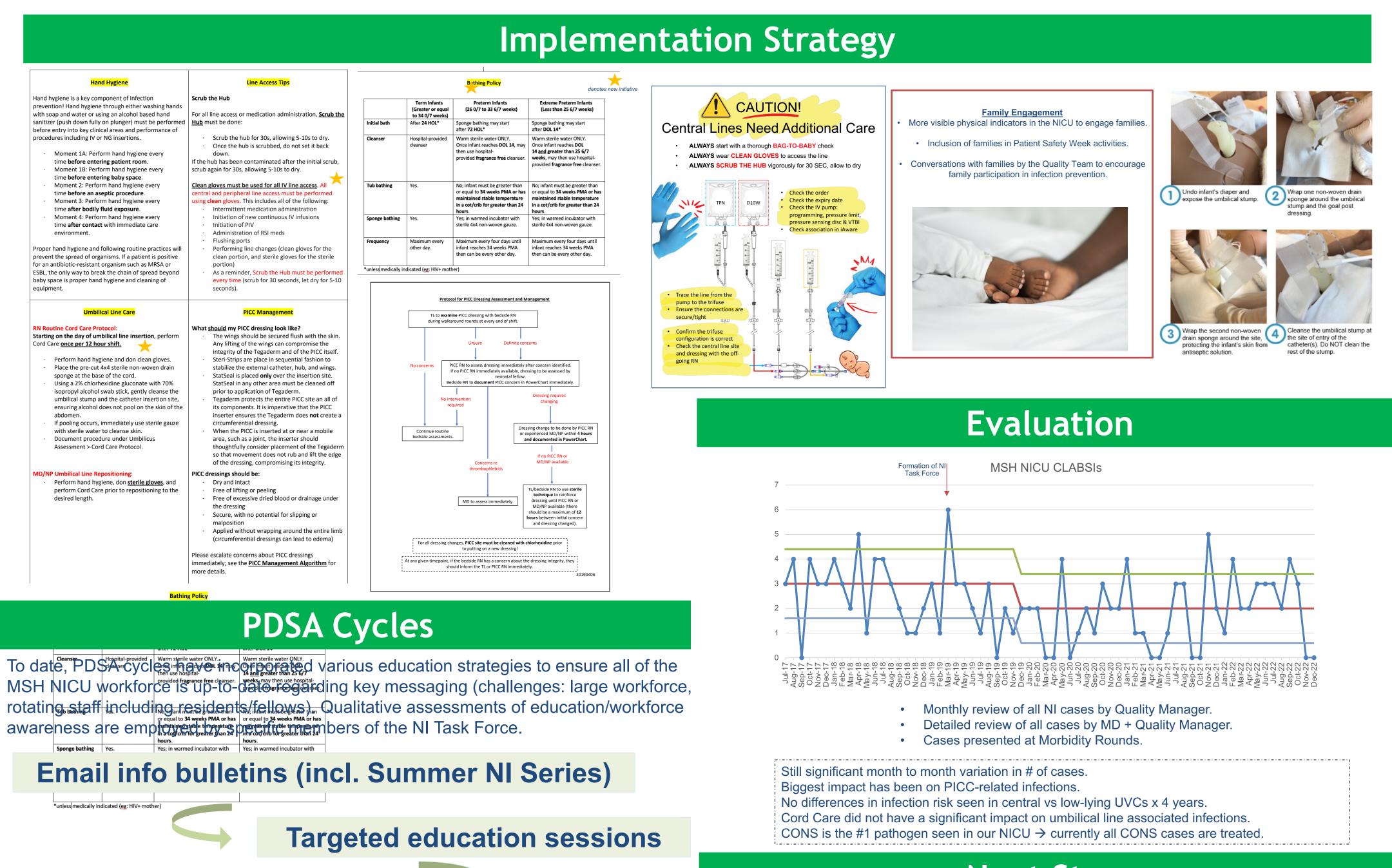
- We employed several strategies to obtain both qualitative and quantitative data to explore the causes of rising NI rates, including reviews of index cases and safety reports, and surveying front-line staff.
- A multidisciplinary Nosocomial Infection Task Force was created to engage all key stakeholders.

# **Root Cause Analysis**



# Data-Driven Quality Improvement to Evaluate and Address Nosocomial Infection in the NICU

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### Unit-wide 'roadshows'

**Quality multidisciplinary huddles** 







# Mount Sinai

Sinai Health System Joseph & Wolf Lebovic Health Complex

# Next Steps

Continue reenforcement of current messaging

**New Umbilical and PICC dressings** 

Skin care in ELBW