



Reduce the incidence of neonatal umbilitis

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INTRODUCTION

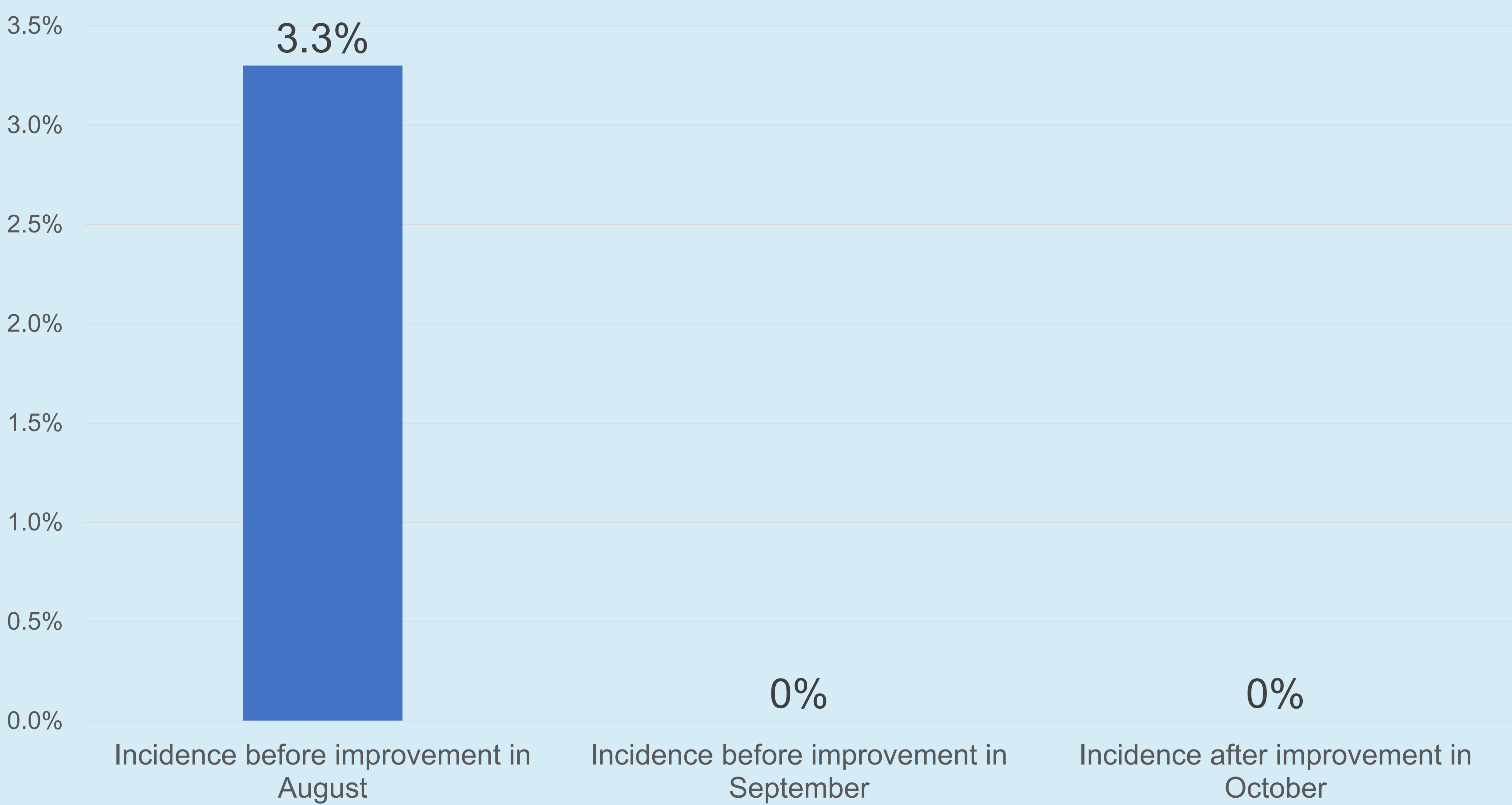
Neonatal umbilical corditis occurs in 0.7% of developing countries (200/27,107), Clinically, nearly one-quarter to one-fifth of the main pathogenic bacteria of neonatal sepsis is also infected through the umbilical cord, and then invades the blood and develops into sepsis. About 50-60 newborns are born in our hospital every month. In August 2022, two consecutive cases of neonatal umbilical corditis required hospitalization. The incidence of umbilical corditis was 3.3% (2/61).

AIM

- 1.Improve nurses' cognition of umbilical cord infection and the correctness of umbilical cord disinfection.
- 2.Reduce nosocomial infection rate.
- 3.Improving parents' skills in caring for newborns.

RESULTS

- 1The incidence rate of neonatal umbilical corditis before and after improvement in August-October 2022, the incidence rate before improvement in August 2022 was 3.3%, the incidence rate before improvement in September 2022 was 0%, and the incidence rate after improvement in October 2022 was 0%.
- 2.In 2.November 2022, the correct rate of 100% (11/11) in the evaluation of the umbilical cord disinfection of nurses in the nursery.
- 3.There will be no neonatal umbilical corditis in the unit from October to November 2022.



Cause Analysis

- 1.Based on the newborn umbilical cord disinfection evaluation form, it was found that 57% (4/7) nurses did not know how to evaluate the signs of umbilical cord inflammat.
- 2.62.5% (5/8) of the accuracy of the umbilical cord care work of nurses in the nursery audited on August 26-30, 2022.
3. Family members do not know the correct way to wrap diapers.

METHOD

- 1-1 The head nurse, quality control team leader, and clinical teachers set up a team to review the newborn umbilical cord disinfection standards.
- 1-2 According to the newborn umbilical cord disinfection operation standard, the evaluation items and contents are formulated.
- 1-3 Added to the newcomer education and training.
- 2-1 Included in the nursing technology project in the second half of the year, the head nurse and the quality control team will conduct a monthly audit for each person.
- 2-2 The head nurse is included in the daily routine, and whether there are new nosocomial infection cases is tracked.
- 3.Provide the correct diaper wrapping method for family members.

CONCLUSIONS

The baby room of our hospital was established in January 2022. Due to the unstable birth rate, few occurrences and the incidence rate is high. The improvement measures are relatively short-lived, which is regrettable. It is recommended to be included in the quality control and monitoring project of the unit. To enable long-term monitoring and promote patient safety.

CONTACT INFORMATION

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