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Neonatal Resuscitation and Quality Improvement initiatives at Hopital St Nicolas de Saint Marc, Haiti

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Neonatal Resuscitation and Quality Improvement Initiatives at Hôpital St Nicolas de Saint Marc

Deborah O'Dowd BA, RN, CCRN

IMPACT/SIGNIFICANCE

- Haiti has one of the highest infant mortality rates in the Americas at 52.2 per 1,000 live births as compared to 12.5 per 1,000 live births in the Americas as a whole
- Providing advanced education to Haitian nursing staff in the care of neonates is vital to improving the outcomes of this patient population
- Systems and quality gaps are the major contributors to poor maternal and neonatal outcomes. Haiti currently has no standardized practices/protocols in place through the Haitian Ministry of Health

OBJECTIVES

- Provide skills workshops in neonatal resuscitation
- Mentor Haitian nurses through the Quality Improvement (QI) process with the goal of eventual development and implementation of their own independent projects
- Provide a strong foundation in QI methodology giving nurses the tools necessary to develop and implement their own QI initiatives



METHODS

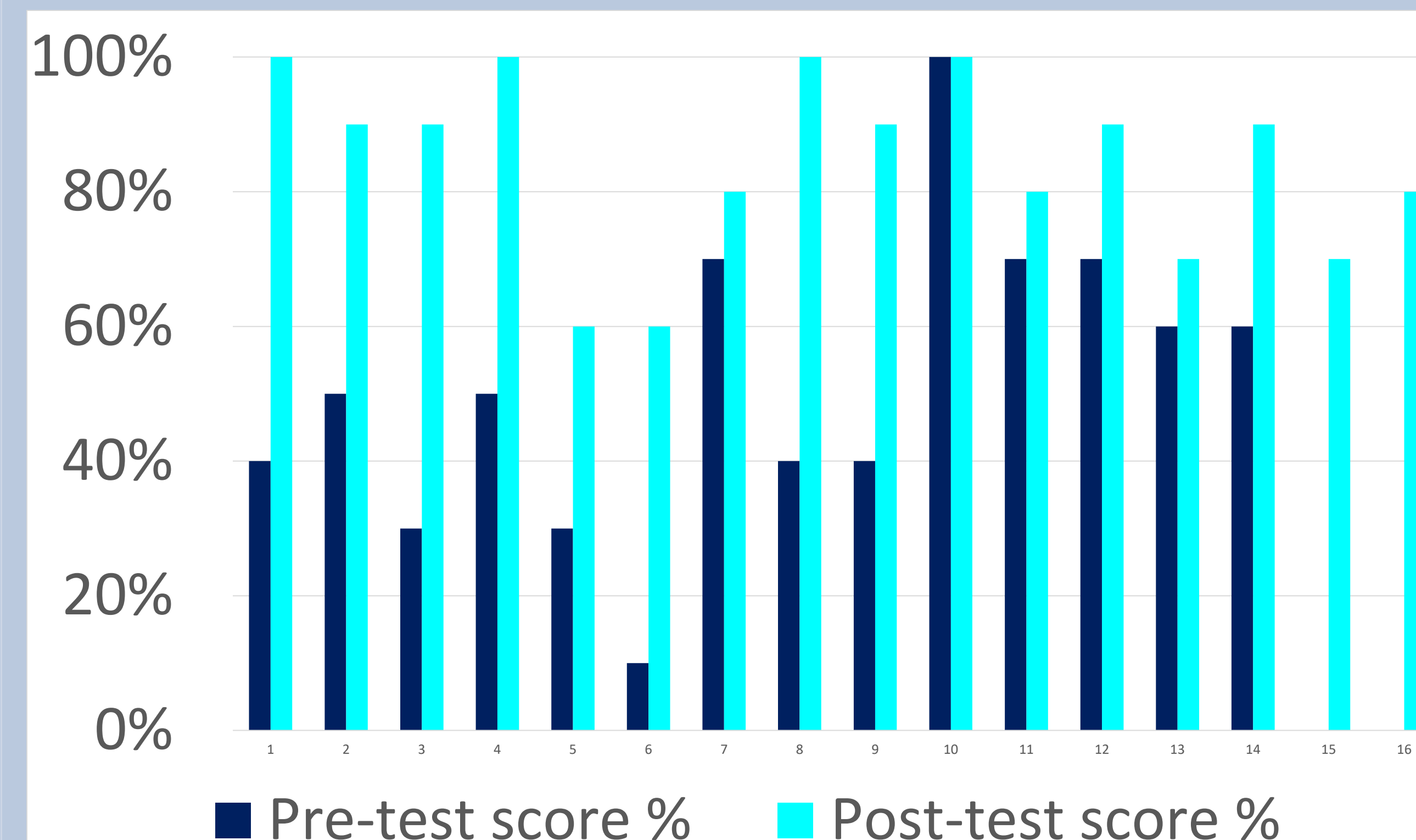
- In collaboration with Partners in Health, a skills workshop in neonatal resuscitation was offered at Hôpital St Nicolas de Saint Marc
- Provided a workshop to introduce a QI methodology, specifically the PDSA (Plan/Do/Study/Act) cycle



CONCLUSION/NEXT STEPS

- Neonatal resuscitation skills/knowledge assessed before and after training were improved
- Follow up trip to Hôpital St Nicolas de Saint Marc planned for October 2017
 - Activities will include:
 - Assess retention of quality improvement methodology
 - Conduct a second multi-disciplinary QI workshop
 - Provide additional neonatal resuscitation classes

NEONATAL RESUSCITATION: PRE/POST TEST PER TRAINEE



SUMMARY

- Understanding the evidence based science behind maternal and newborn care delivery and resuscitation is essential to improving infant mortality rates in under-resourced areas
- Understanding quality improvement project design, implementation and measurement matrices is essential to facilitating successful change in practice

