Reducing Unsuccessful Intubation Attempts in the Neonatal Intensive Care Unit
Isaac Asemota, MS; Meredith Chanas, PharmD, MSCR, BCPPS

BACKGROUND

- Largest contributing factor: lack of experience
- Inexperience cannot be eliminated
- Guidance - procedures and order sets - can substitute for experience

THE PROBLEM

Each time a healthcare provider tries to intubate a newborn unsuccessfully, that newborn becomes significantly more likely to experience death or adverse effects.

BASELINE DATA

39% of intubations successful on the first try

THE AIM

By designing and implementing procedural guidelines and pre-made order sets, this study aims to increase the percent of successful first-try intubation attempts from 39% to 59% in the ECU Health NICU within 6 months.

REFERENCES


THE TEAM

- Uduak Akpan, MD, FAAP, C-ELBW (Neonatologist)
- Meredith Chanas, PharmD, MSCR, BCPPS (Pharmacist)
- Brandy Davis, BS, RRT-NPS, ACCS (Respiratory Therapist)
- Lindsey Gieselman, MSN, RN, NNP-BC (Nurse Practitioner)
- Mary Iwaszewski, DO (Neonatology Fellow)
- Jessica Yelverton, MSN, RN, NNP-BC (Nurse Practitioner)