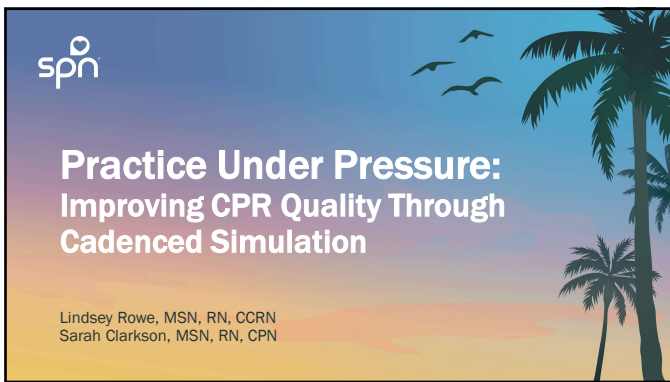





1



2

Objectives

- Discuss the components of high-quality CPR
- Discuss implementation of a cadenced CPR program
- Discuss barriers during implementation of CPR program
- Discuss goals for future state of cadenced CPR program



3



Who are you?

4

Where We Work



16 bed PICU

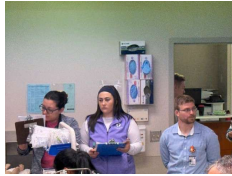
- 6 codes/year

CPR Practice

- CPR refreshers
- Monthly

CPR Data

- % of compressions that meet AHA's rate and depth requirements



5



CPR coach presence is associated with increased cardiopulmonary resuscitation guideline adherence in pediatric in-hospital cardiac arrest. **Optimizing CPR performance with CPR coaching for pediatric cardiac arrest: A**

Longitudinal effect of high frequency training on CPR performance during simulated and actual pediatric cardiac arrest

Aaron Donoghue^{a, b, c}, Debra Heard^d, Russell Griffin^e, Mary Kate Abbodessa^b, Shannon Gaines^b, Sangmo Je^f, Richard Hanna^g, John Erbayri^h, Sage Myers^b, Dana Nilesⁱ, Vinay Nadkarni^{b, c}

with A. Hunt

6

Focus on High Quality CPR

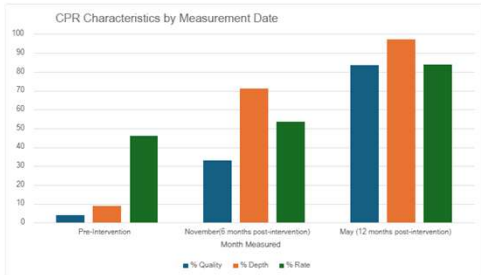


- Back to the basics
- Rapid cycle deliberate practice
- Using a CPR coach
- Cadenced 1:1 practice



10

Improving the Numbers



11

Translation into Real Codes



- Confidence
- Speaking up
- CPR Coach
- ROSC

12



What are some barriers you think popped up?

13

Barriers in the PICU



- Census
- Different Shifts
- Time
- Lack of Motivation
- Frequency
- Superstition



14

Steps Moving Forward



- Current Practice
- Quarterly Cadence
 - More Hands on Deck
- Future Goals
- Compliance with Cadence
 - Compliance with Upper Depth Limit

15
