



COVID-19: KEEPING UP WITH A MOVING TARGET

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Name of Faculty or Presenter	Reported Financial Relationship
Carrie Outten, MSN, RN, CCRN, ACCNS-AG	None
Sheila Miranda, RN, MS, CCRN	None

Carrie Outten and Sheila Miranda have indicated that they will not be referencing the unlabeled or unapproved use of agents in today's presentation.

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CME Information

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Learning Objectives

- Describe the needs assessment used to determine the knowledge base of the progressive care unit staff and their comfort with ICU skills
- Identify nurses' clinical skills requirements necessary to care for critically ill COVID-19 patients
- Describe the education, training, and support needed for progressive care unit nurses to successfully manage the ICU surge capacity requirements






Thank You

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educational activities





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Upskilling Medical Progressive Care RNs to Care for ICU COVID-19 Patients

- Initial support and education
 - Mobilization of resources
 - Redeployment of ICU trained staff
- Altered staffing patterns
- Just in time education
 - Videos
 - Fast facts
 - Policy awareness



From Progressive Care to ICU RN

- IMC vs. ICU skills

Skills and Activities Age of Patients Served: Geriatric, Adult, & Adolescent
Documentation
Demonstrates and Documents in electronic medical record per unit standards
Neurological/Sensory
Assist with lumbar puncture
Sedation
<ul style="list-style-type: none"> • Initiates, titrates, discontinues and documents sedation for procedures • Initiates, titrates, discontinues and documents sedation medication bolus and infusion • Initiates, titrates, discontinues and documents paralytic infusion (NMBA agent) • Train of four
Targeted Temperature Management after cardiac arrest
CAM ICU assessment
Cardiovascular
Demonstrates use of doppler
Cardiac Monitoring: Bedside Physiologic Monitor
<ul style="list-style-type: none"> • Interprets and documents rhythm strips per unit standard • Proper Electrode placement • Bedside/Central/Telemetry set-up

- COVID-19 Clinical Care

THE JOHNS HOPKINS HOSPITAL

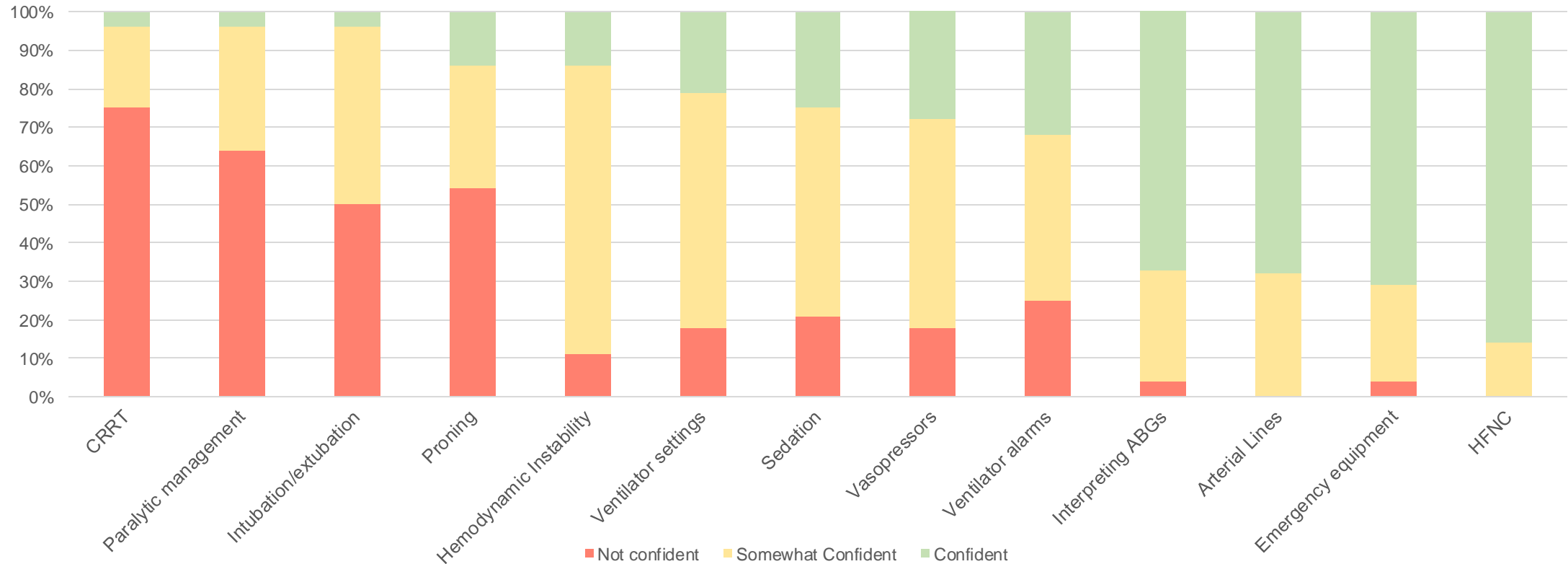
**COVID-19: CLINICAL GUIDANCE FOR CRITICAL CARE
MANAGEMENT OF PATIENTS**

- Mechanical ventilation
- Sedation
- Proning



Ongoing Development

Nurse Survey Results - April 2020

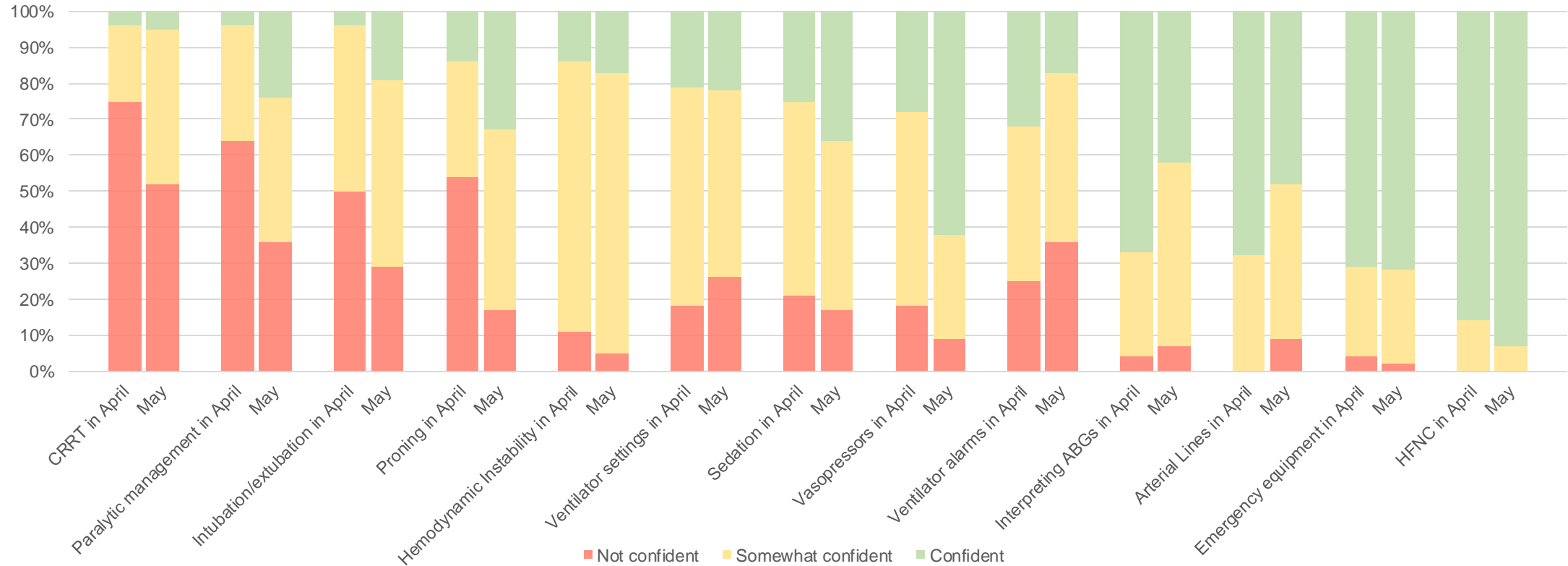


Nishimura, M. High-flow nasal cannula oxygen therapy in adults. *J Intensive Care* 3, 15 (2015). <https://doi.org/10.1186/s40560-015-0084-5>



Ongoing Development

Nurse Surveys prior to Skills Training





Ongoing Development Cont.

- Formal training
 - Skills review
 - Preceptorship
- Competency development
 - Clinical practice
 - Safety
 - Communication/Quality





Evaluation of Training, Education, and Support

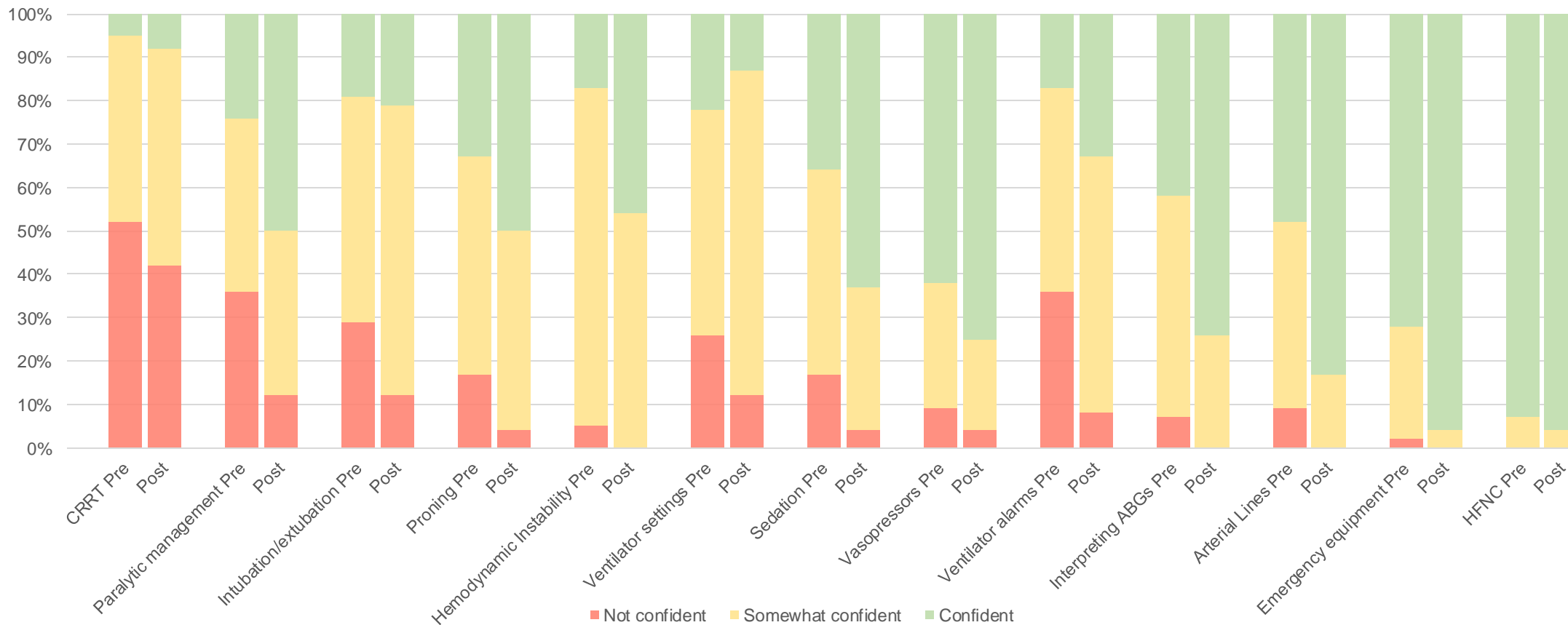
- Skills workshop evaluation
- Preceptor & staff feedback
- Ongoing survey





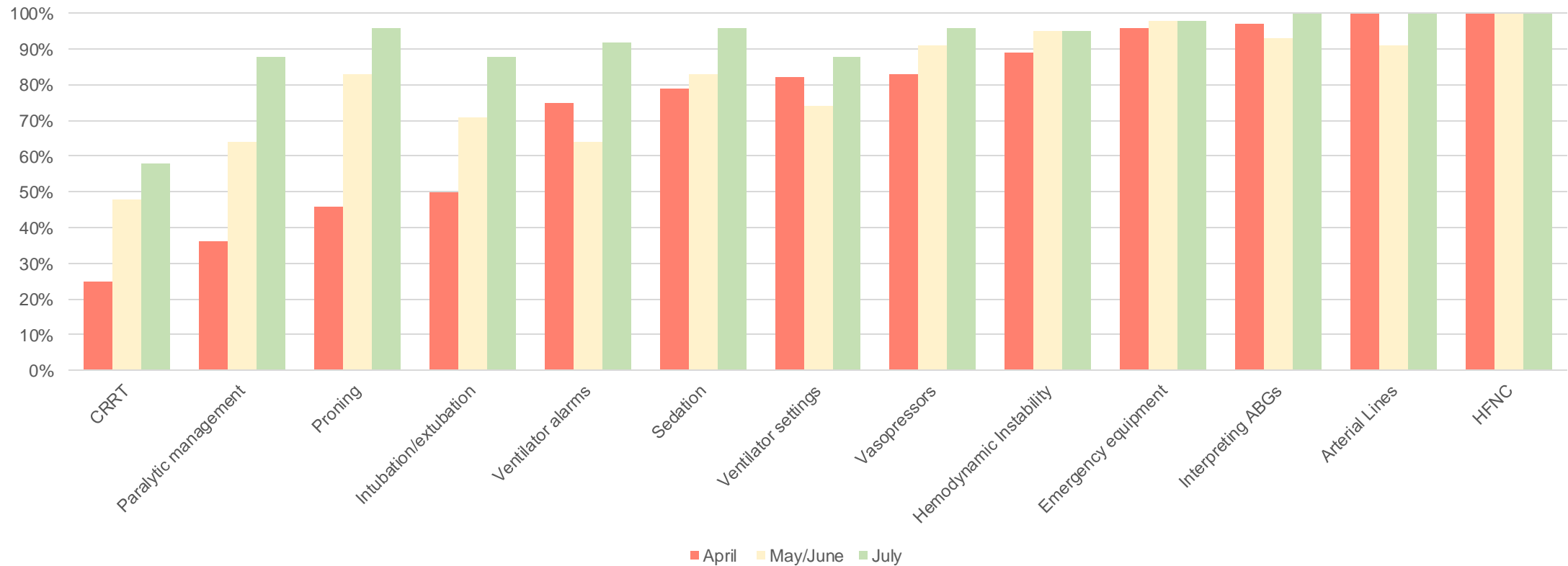
Pre and Post Skills Training

Nurse Surveys Pre and Post Skills Training



Confidence Increases with Time

Nurse Survey - At Least Somewhat Confident over Time





To submit your own question, please email QA@dkbmed.com





What are some of the biggest challenges progressive care unit RNs have reported during the upskilling process?





Would the nurses be able to maintain ICU level competency once COVID-19 pandemic passes?





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- QA@dkbmed.com

