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Let's Get Code Ready!

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Mariners Hospital
BAPTIST HEALTH SOUTH FLORIDA

Are you ready for an emergency?
LET'S GET CODE READY!

Nikki Dudley, BSN, RN, CCRN; Zaneta Wylazlowska, BSN, RN, CCRN; ICU Unit Practice Council

PATHWAY DESIGNATED AMERICAN NURSES CREDENTIALING CENTER

Purpose

Codes happen infrequently at Mariners Hospital. Therefore, Registered Nurses (RN's) may have not had the experience to feel comfortable managing the crash cart. The ICU Unit Practice Council identified the need to determine proficiency in the use of emergency crash cart supplies by the RN's at Mariners Hospital.

Background

- ❖ Purpose of a crash cart:
  - ❖ Codes!
  - ❖ Reducing delays and errors
  - ❖ Rapid access of supplies
  - ❖ Improved outcomes

- ❖ Challenges of crash cart during a code:
  - ❖ Lack of knowledge of contents
  - ❖ Inaccurate selection of supplies
  - ❖ Stress of the situation
  - ❖ Second-guessing oneself = time wasted

Goals

- ❖ To increase RN confidence during codes
- ❖ To improve accuracy and speed of collection of supplies from within the crash cart during code situations
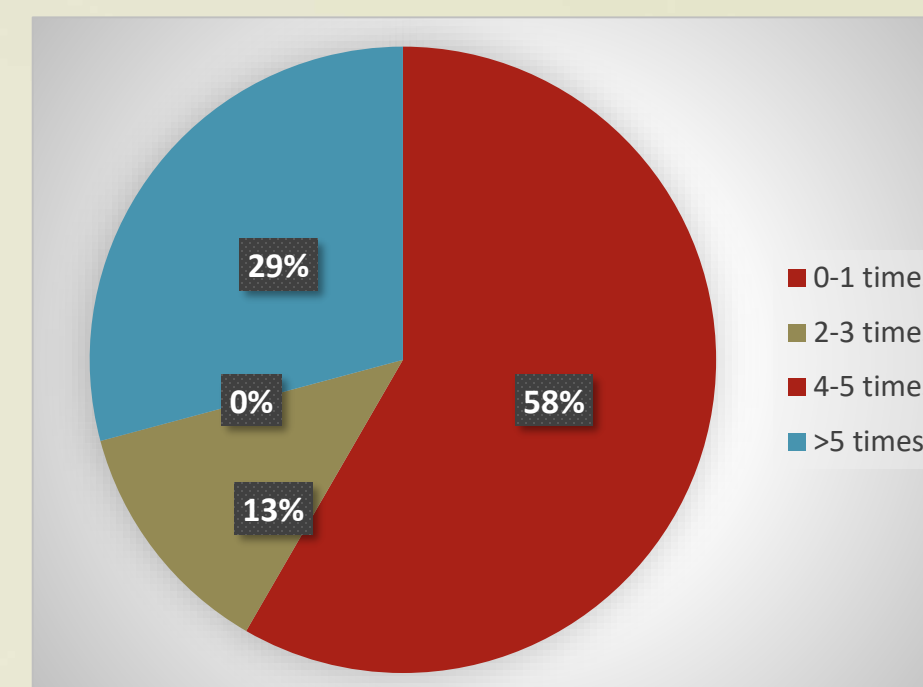
Methods

- ❖ Data collection (before intervention)
  - ❖ Scavenger hunt - timed
  - ❖ Survey
- ❖ Supplies list
- ❖ Visual aid poster- 3-month display
- ❖ Staff education
  - ❖ All bedside RN's at staff meetings
- ❖ Data collection (after intervention)
  - ❖ Scavenger hunt - timed
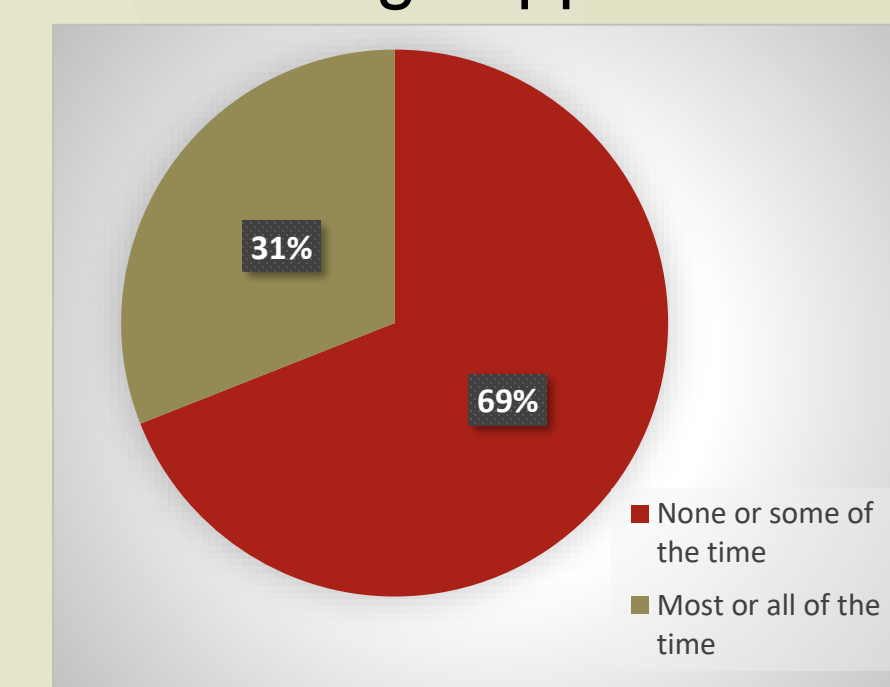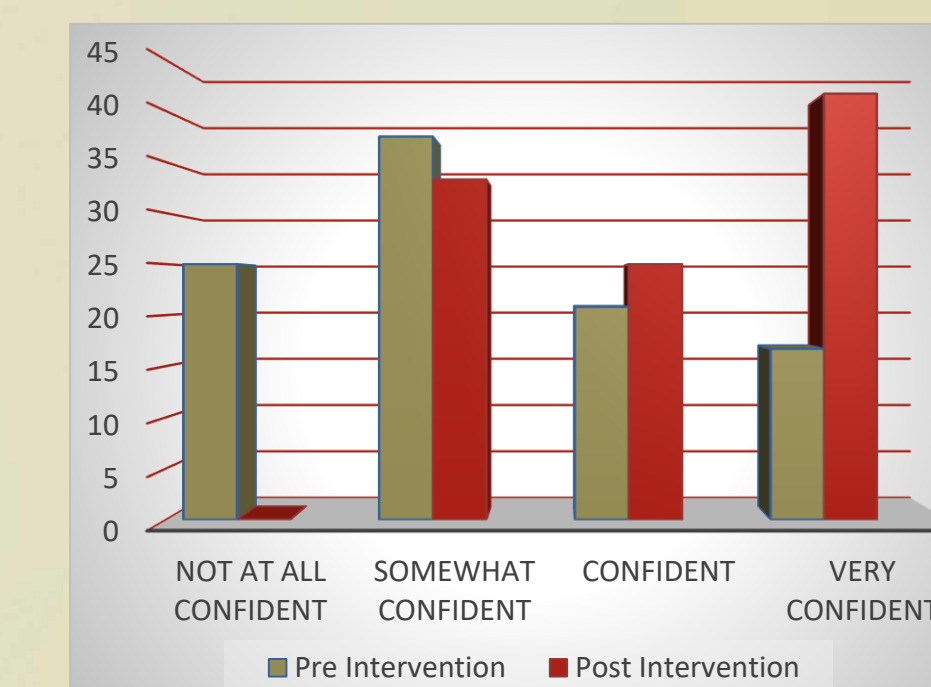 - ❖ Survey – same questions

Survey Results

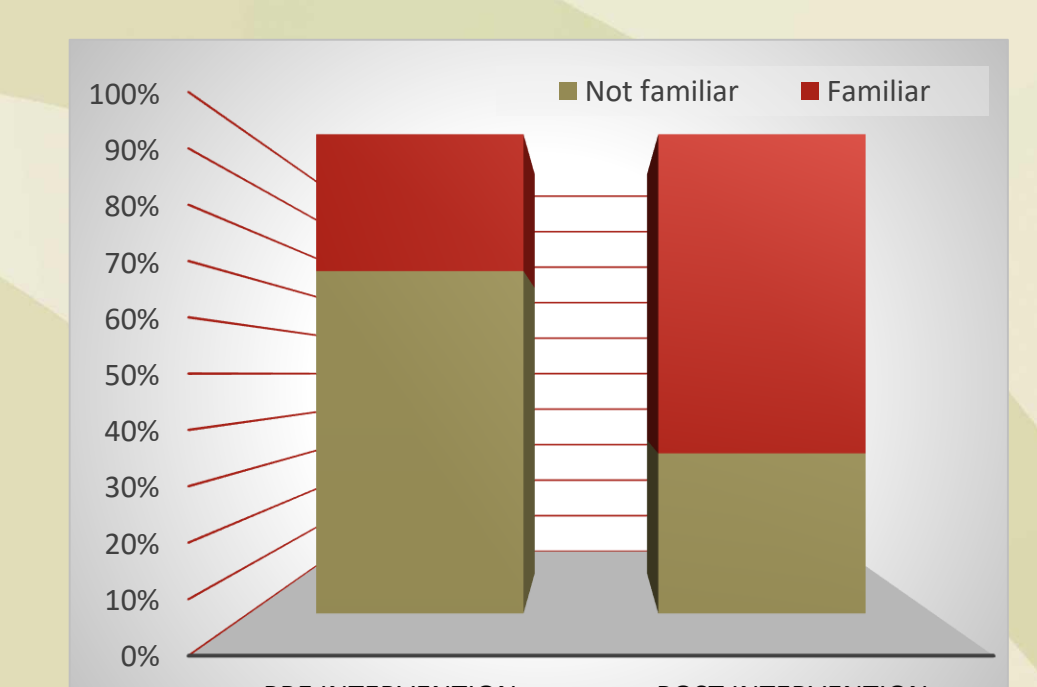In the past year, how many times have you participated in a code blue/rescue?

- 0-1 times
- 2-3 times
- 4-5 times
- >5 times

29% / 0% / 13% / 58%

Of the times you participated in a code, how many times did you utilize the crash cart for obtaining supplies?

- None or some of the time
- Most or all of the time

31% / 69%

Rate your confidence in efficiently locating items within the crash cart during a code:

(NOT AT ALL CONFIDENT / SOMEWHAT CONFIDENT / CONFIDENT / VERY CONFIDENT; Pre Intervention / Post Intervention)

How familiar are you with the contents of the crash cart?

Not familiar / Familiar
PRE INTERVENTION / POST INTERVENTION

Visual Aid

CODE READY!

LIDOCAINE
AMIODARONE
EPINEPHRINE
ADENOSINE

ACLS BOOK
HEPARIN
DEXTROSE
CALCIUM CHLORIDE
ATROPINE

SODIUM BICARBONATE
METOPROLOL
BENADRYL
ADRENALIN-EPINEPHRINE

DOPAMINE DRIP
NARCAN
LASIX
LEVOPHED

IV START KIT
20cc SYRINGE
NS FLUSH
18g IV
20g IV
22g IV

10cc SYRINGE
5cc SYRINGE
3cc SYRINGE
BLUNT NEEDLE
FILTER NEEDLE

IV EXTENSION TUBING
SCALPEL
CHLORA-PREP
IV TUBING

STERILE GLOVES
GAUZE 4x4
OR TOWELS
LAB KIT
POVIDONE-IODINE

IRRIGATION TRAY

SUCTION TUBING
STETHOSCOPE
NG TUBE
BLOOD PRESSURE CUFF
PRESSURE BAG

GLOVES
INTRAOSSEOUS (IO) ACCESS GUN
STERILE DRAPE
STERILE OR TOWELS
IO NEEDLE SET

1L NS
100cc, 250cc NS BAGS
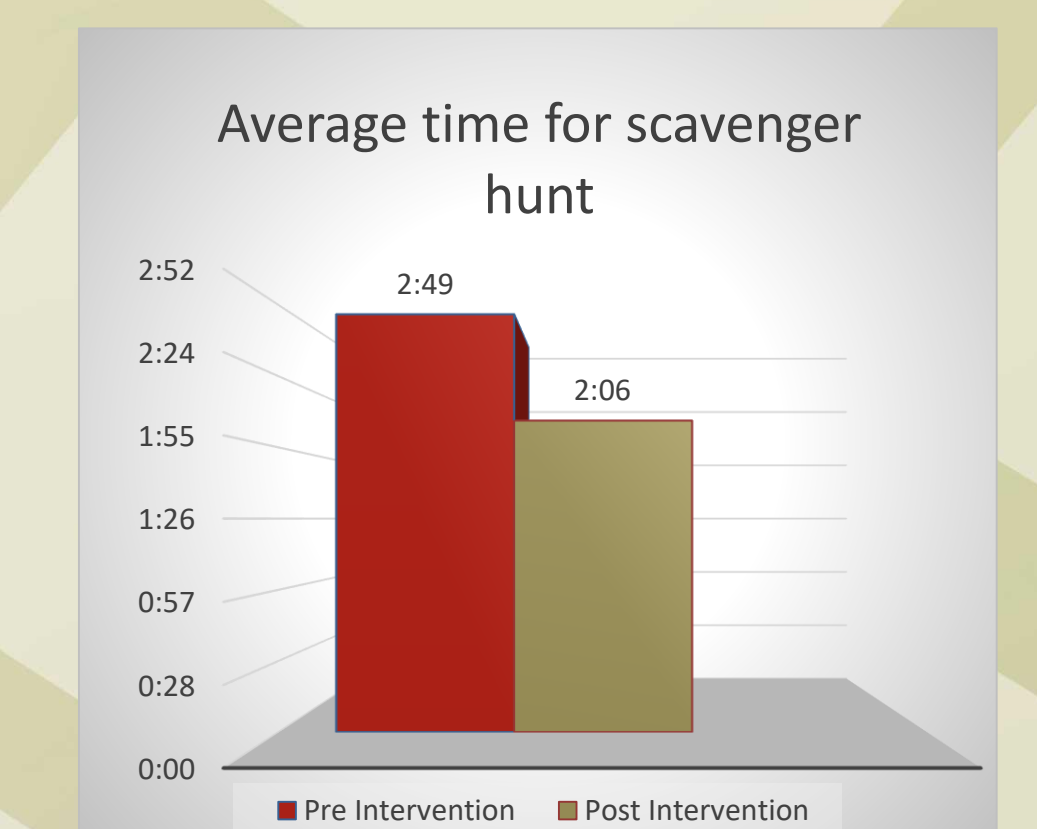
UPC PROJECT BY ICU

Scavenger Hunt

Time reduced by 43 seconds!

Interventions that can be accomplished with 43 extra seconds:
- ❖ Start an IV
- ❖ Administer a med
- ❖ Intubation
- ❖ Dress a wound
- ❖ Save a life!

Average time for scavenger hunt
2:49 / 2:06
Pre Intervention / Post Intervention

Outcomes

- ❖ The scavenger hunt demonstrated decreased time to locate supplies from within the crash cart.
- ❖ The survey results showed increased RN confidence and familiarity locating supplies.

Recommendations

- ❖ Expanding crash cart visual aid poster for pediatric crash cart
- ❖ Regular scavenger hunts with all RN's at mock codes or annual education

References

- ❖ AHC Media LLC (2010). Are you ready for an emergency? Don't get caught unprepared. Same-Day Surgery, 34(9) 97-108.
- ❖ Arak, S., Pasadyn, J. & Weekley, L. (2015). Standardizing adult crash carts. Journal of Perianesthesia Nursing, 30(4) C6.
- ❖ Pennsylvania Patient Safety Authority (2010). Clinical Emergency: Are you ready in any setting? PA Patient Saf Advis, 7, 52-60.