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ICU RESEARCH Newsletter

Dear ICU Team,

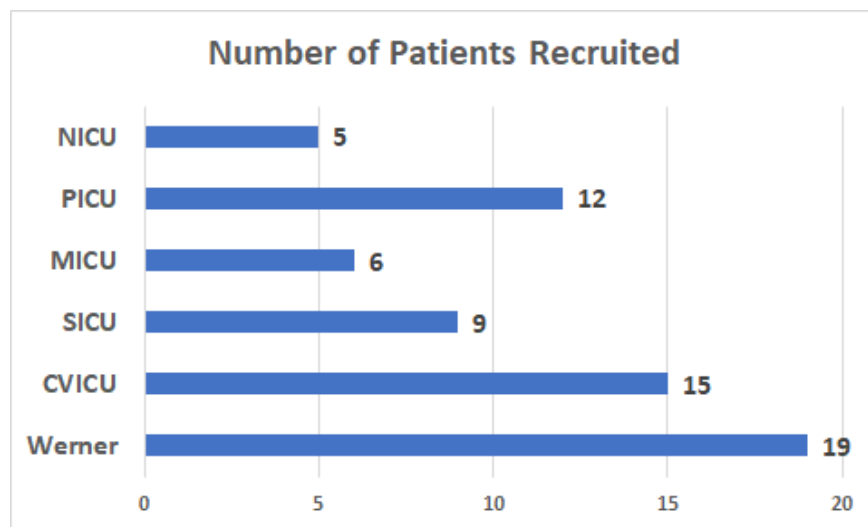
We would like to thank all the ICU units for your help in recruiting patients and caregivers for our research study! All of the units have been very welcoming and open to patient research. We look forward to continued partnership with all of the ICU units.

-ICU Research Team

Research Project 1

Exploration of Psychophysiological Factors that Influence Caregivers' Willingness to Participate in Patient Care in the ICU.

UPDATE on Progress: Currently we have enrolled 66 pairs of patients and caregivers to our research study. The goal is to enroll 150 pairs of patients and caregivers. We hope to achieve this over the next three months. See graph for recruitment for each unit.



****At the end of the research study the unit with most recruits will receive a FREE Pizza Party****

How you can help:

- Please continue to pass out our study postcards and encourage caregivers to contact us about the study or to participate in the study.
- Also, let us know when we are on the units if there maybe patients/caregivers who might be interested in participating.
- Caregivers Need to be at least 19 years old. If they participate they will get a \$5 meal ticket. The interview of the caregiver will take approximately 30-40minutes.

Research Project 2

Evaluation of a Web-Based Intervention to Promote Family Caregiver Engagement in Symptom Assessment and Management during Mechanical Ventilation in the Intensive Care Unit

UPDATE on Progress: Achieved IRB approval status. Currently working to develop the web-based interventions that will be used for this research study. The intervention will consist of three separate educational modules each approximately 5-7 minutes in length focused on ICU orientation, Symptoms Assessment, and Symptoms Management. Hope to have the intervention developed and ready to be piloted by December 2019. We will give you more information when we get closer to recruitment.

Research Project 3

Animal Assisted interaction with a robot seal during physical and occupational therapy sessions in the Pediatric ICU

UPDATE on Progress: Received research funding support. Currently working on IRB research application through UNMC. The aim for this research study is:

- Examine the therapeutic effect of PARO™ Robot Seal on patient psychological variables (pain, anxiety) physiological variables (heart rate [HR], blood pressure [BP], respiratory rate [RR], oxygen saturation [O2]), and sedative and analgesic medication requirements
- For the study we will need 30 PICU patients between the ages of 5-18 who are receiving physical or occupational therapy.

