

## **IMPLEMENTING UNIQUE COMPREHENSIVE UNIT-BASED SAFETY PROGRAM (CUSP) INITIATIVE**

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### **Background Information:**

- CUSP is used as a forum to identify safety defects that impact patient care.
- The multidisciplinary Pediatric PACU CUSP Team investigated a system defect related to nursing and medical resources when a patient's condition deteriorates in the postanesthesia period.
- The Rapid Response Team is utilized for early recognition and intervention in the Pediatric Department at Johns Hopkins Hospital.

### **Objectives:**

- To identify life threatening patient events that lead to poor outcomes in the pediatric PACU population.
- To identify the appropriate resources needed to promote optimal patient outcomes.
- To describe the Rapid Response activation process for Peds PACU Staff when life threatening events present.

### **Implementation Process:**

- Determine volume projections for this pediatric PACU population
- Analyze patient events that take place in the Pediatric PACU.
- Collaborate with multidisciplinary staff, administration, and safety leaders regarding care to these pediatric PACU patients.
- Establish a new standard of care for life threatening pediatric patient events.
- Translate new standard into practice.

### **Successful Practice:**

- Successfully implemented Rapid Response activation process by Peds PACU Staff when life threatening events present in a critical care setting.
- Elimination of critical delays in care of the deteriorating pediatric PACU patients
- Getting the right care providers at the bedside in a timely manner.

### **Implications for perianesthesia practice:**

- Preventing life threatening patient events that lead to poor outcomes in the pediatric PACU population.
- Barrier mitigation related to anesthesia and critical care medicine