Faculty Quality Improvement Involvement

Jeremy Affolter

1. The Incidence of Acute Kidney Injury during Pediatric Cardiac Extracorporeal Membrane Oxygenation Support as Defined by the Kidney Disease: Improving Global Outcomes (KDIGO) guidelines
2. The Incidence of Chylothorax after Cardiothoracic Surgery
3. Fluid Goals in Cardiac Surgery Patients in the Postoperative Time Period
4. PICU CLABSI work group

Andrew Ausmus

1. National patient safety goal #6, reducing alarm fatigue

Paul Bauer

1. Line Entry and Rounding Checklist Utilization
2. PICU CLABSI group
3. Time to Disposition for Outpatient and Medical Emergencies
4. Code Prevention Framework on Medical Wards
5. Human Factors Engineering working group for CLABSI
6. Business Plan for Get With the Guidelines Resuscitation Database

Tara Benton

1. Pediatric Severe TBI Guideline Implementation
2. Severe Pediatric Burn Management Guideline Implementation
3. Line Entry and Rounding Checklist Utilization
4. Reduction of Pressure Ulcers Related to NIV by Standardizing Equipment
5. Reduction of Pressure Ulcers Related to Nasal ETTs
6. Fluid Goals in Cardiac Surgery Patients in the Post-Operative Time Period
7. Passport to the PICU: A Quality Improvement Project for Resident Critical Care Education

Jennifer Flint

1. Passport to the PICU: A Quality Improvement Project for Resident Critical Care Education
2. Implementation of an Evaluation and Treatment Algorithm for Single Ventricle Patients with Concerns for NEC
3. Severe Pediatric Burn Management Guideline Implementation
   a. The Effects of Protocol Implementation on Fluid Resuscitation in Severely Burned Pediatric Patients
   b. Improving and Describing Initiation of Nutrition in Severely Burned Pediatric Patients through Protocol Implementation

Yong Han

1. Quality Improvement Analysis of the Global Pediatric Sepsis Initiative Registry
Jenna Miller

1. Passport to the PICU: A Quality Improvement Project for Resident Critical Care Education
2. Severe Pediatric Burn Management Guideline Implementation
   a. The Effects of Protocol Implementation on Fluid Resuscitation in Severely Burned Pediatric Patients
   b. Improving and Describing Initiation of Nutrition in Severely Burned Pediatric Patients through Protocol Implementation
3. Fluid Goals in Cardiac Surgery Patients in the Post-Operative Time Period

Laura Miller-Smith

1. Passport to the PICU: A Quality Improvement Project for Resident Critical Care Education
2. Implementation of an Evaluation and Treatment Algorithm for Single Ventricle Patients with Concerns for NEC
3. Pediatric Severe TBI Guideline Implementation
4. Standardization of Tracheostomy Education for Families

Erica Molitor-Kirsch

1. Improving Transitions of Care in Cardiac Critical Care - NICU to PICU, CICU to OR, OR to CICU
2. Preventing cardiac arrest in the CICU
3. Single ventricle management pathway: Optimizing timing of surgery, standardized communication, transitions of care, anticipation/prevention of cardiac arrest, ECMO/cath triggers
4. Continuous EEG monitoring s/p congenital heart surgery

Brian Olsen

1. CMH Pediatric Critical Care Transport Quality Improvement Program
2. Ground and Air Medical Quality Transport (GAMUT) Database
3. AAP-Increasing Use of Waveform Capnography in Pediatric Patients with Advanced Airways During Interfacility Transport

Kelly Tieves

1. Pediatric Severe TBI Guideline Implementation
2. Passport to the PICU: A Quality Improvement Project for Resident Critical Care Education
3. Code LITE, low tech internal training experience

Marita Thompson

1. Development of CRRT Protocol for Children with Underlying Metabolic Disease
2. Severe Pediatric Burn Management Guideline Implementation

Asdis Wagner