**PICU Faculty Quality Improvement Involvement**

**Jeremy Affolter**
1. Pediatric Cardiac Critical Care Consortium/Pediatric Acute Care Cardiology (PC4/PAC3)
2. National Pediatric Cardiology Quality Improvement Collaborative (NPC-QIC)
3. The Incidence of Chylothorax after Cardiothoracic Surgery
4. Cardiac Arrest Prevention QI Project (PC4)
5. Cerner Advance Dashboard Project
6. PICU CLABSI Workgroup
7. Cardiothoracic Surgical Site Infection Workgroup

**Andrew Ausmus**
1. 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
7. Implementation of Bedside Huddle to Improve Communication When Coordinating Care for PICU Patients with Newly Diagnosed Anterior Mediastinal Masses

**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. Implementation of Bedside Huddle to Improve Communication When Coordinating Care for PICU Patients with Newly Diagnosed Anterior Mediastinal Masses

**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. PICC Line Insertion Checklist for the PICU
4. 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. 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
2. Fluid Goals in Cardiac Surgery Patients in the Post-Operative Time Period
3. Implementation of Bedside Huddle to Improve Communication When Coordinating Care for PICU Patients with Newly Diagnosed Anterior Mediastinal Masses

**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
5. Cardiac Arrest Prevention QI Project
6. VTE Risk Assessment and Analysis of Risk Factors

**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
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
Jay Rillinger

1. CHA Sepsis collaborative: Improving Pediatric Sepsis Outcomes
2. Neurocritical Care workgroup
3. Pediatric Stroke workgroup
4. Pediatric Severe TBI Guidelines workgroup
5. Continuous EEG workgroup
6. Code LITE workgroup
7. Morbidity and Mortality director

Kelly Tieves

1. Pediatric Severe TBI Guideline Implementation
2. Passport to the PICU: A Quality Improvement Project for Resident Critical Care Education
3. Continuous EEG monitoring s/p congenital heart surgery
4. 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
3. Implementation of Bedside Huddle to Improve Communication When Coordinating Care for PICU Patients with Newly Diagnosed Anterior Mediastinal Masses

Jessica Wallisch

1. Children's Mercy Pediatric Neurocritical Care workgroup
2. Spinal Cord Injury Protocol Implementation
3. Pediatric Severe TBI Guideline update