Adherence to Ontario DKA Emergency Treatment Guidelines among children admitted to the McMaster Pediatric Intensive Care Unit

**Presenter:** Dr. Jennifer Ann Klowak, PGY2

**Supervisors:** Dr. Melissa Parker

**Summary:** Pediatric DKA practice guidelines seek to inform optimal patient management, however there is a paucity of literature assessing guideline adherence. Our retrospective study will evaluate treatment adherence to the Ontario DKA Emergency Treatment Guidelines as well as predictors of non-adherence in critically ill children with DM1 and DKA.

**Presentation Goals:**
- Summarize progress to date
- Seek feedback for statistical analysis

Outpatient intravenous antibiotic order set for the McMaster Emergency Department

**Presenter:** Dr. Vidushi Khatri, PGY2

**Supervisors:** Dr. Chris Sulowski

**Summary:** A common reason for short-term hospital admission is delivery of intravenous (IV) antibiotics until negative microbiology is confirmed. Outpatient management of moderate-risk patients through the ED may decrease admission rates and positively impact infection control. This quality improvement study will analyze existing outpatient models for IV antibiotic therapy and perform a needs assessment. Subsequently, an order set for use within the McMaster ED will be created.

**Presentation Goals:**
- Discuss parameters for robust analysis pre and post-administration of order set
- Seek feedback on proposed study design

All faculty, research staff, allied health staff, and trainees are welcome to attend.

*These are interactive sessions - we want to hear your feedback, questions and great ideas!*

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http://fhs.mcmaster.ca/pediatrics_research/research_events.html

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