Improving Communication and Quality of Care using the eRAPID Rounds application during daily RAPID Rounds

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**CONTEXT**

**RAPID:** Review, Assess and Plan for Imminent Discharge.
- efficient, daily, inter-professional communication
- patient centric plans, goals and care needs
- care goals & transition thresholds are set
- identify readiness for transition.

**THE JOURNEY**

**eRAPID Rounds Tool**
iOS App - xCode - Swift 3.0

**Original Tool**
Manual Whiteboards

**Displayed Information was:**
- Tracked manually
- Limited by space
- Required creative use of symbols/colour

**Maintenance and Update**
- Cumbersome
- Prone to physical disruption
Information was transient
Updating was labour intensive & not sustainable

**IMPACT**

eRAPID Rounds (eRR) was created to provide and display information to target discussion, update the plan of care for each patient and provide real time quality indicators and alerts for the team.

**eRAPID Rounds**
- has improved communication among the inter-professional team
- has provided a basis for agreement upon the plan of care
- has helped nurture a culture of collaboration, communication and teamwork

Algorithms provide real time alerts and prevalence for activities such as catheter use, DVT prevention, antibiotic use and identifies patients potentially ready for transition to support provincial ROPs and improvement of system flow. It is expected to decrease adverse events and length of stay.

**OUTCOMES**

- Promote Collaborative Practice
- Build High Performing Teams
- Assist with “Daily Care Planning”
- Document Team Activity
- Develop Patient Centric Plan
- Safe Transition
- Quality
- Provide Relevant Dynamic Data

**Front Line Data & Quality**

<table>
<thead>
<tr>
<th>Alerts and real time data has increased proactive discussion:</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Day Antibiotics</td>
</tr>
<tr>
<td>Catheter</td>
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<tr>
<td>DVT</td>
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</tbody>
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**Other Data**

- Intervention Workloads
- Allied Health Engagement
- Times to Complete Consults
- Times to Complete Investigations
- LOS (per Intervention)
- % Patient Discharge dispositions
- Daily ROP measures
- Team Reports & MORE……

**LEARNINGS**

- Managing Alerts!
- Descriptions for icons
- Workflow considerations
- Education / Training!
- Reports!

**Achievements**

We know more about our patients
We know more about our system
Tool can and has been used to support Interventions PDSA improvement cycles