

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

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

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.

eRAPID Rounds Tool

iOS App - xCode - Swift 3.0

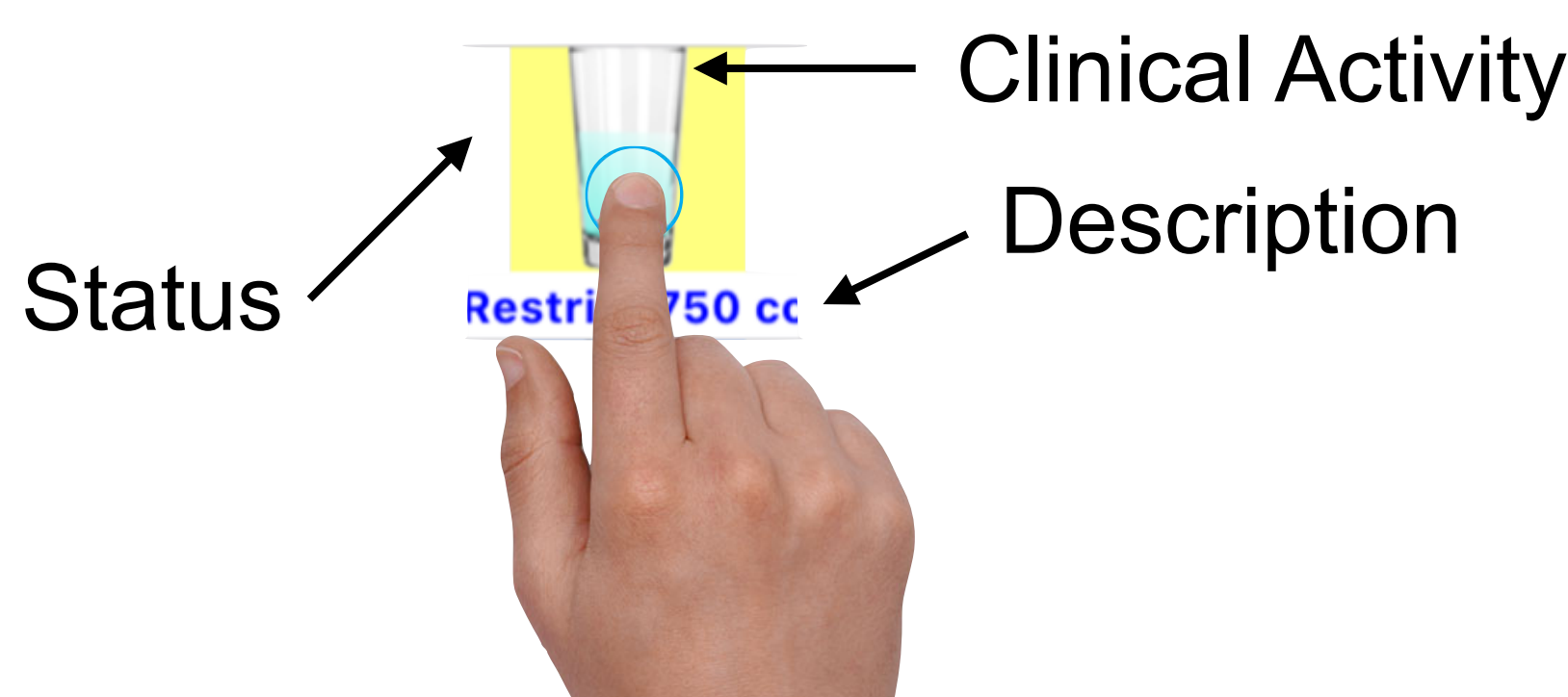
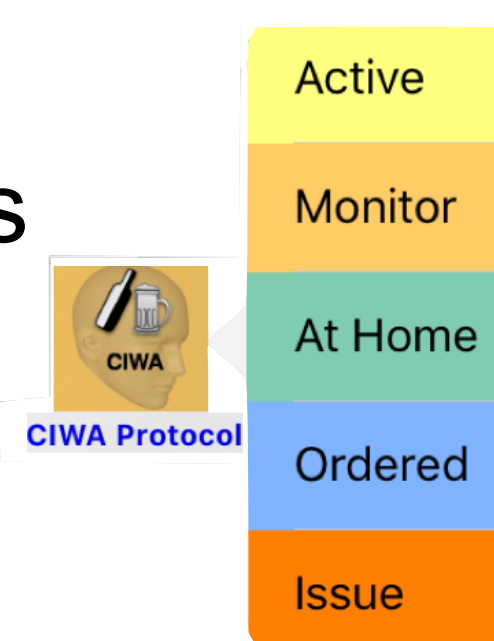
eRAPID Rounds (eRR) was created to provide and display information to target discussion, update the plan of care for each patient and provide real time quality indicators and alerts for the team.

Developed as a Front Line Team Tool

TO SUPPORT CoACT OBJECTIVES
At the Provider - Patient Interface

Simple to Use:

- Adding Clinical Activities
- Adding Descriptions
- Changing Status
- Setting Alerts



Just a touch...



RFD - Algorithm Based on Activity Item status

AUTO - Alerts (* User defined)

IDENTIFY - Potential Discharges Based on Current Clinical Activities

OUTCOMES

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

Front Line Data & Quality

Alerts and real time data has increased proactive **discussion**:

3 Day Antibiotics ↑ 57%

Catheter ↑ 37%

DVT ↑ 69%

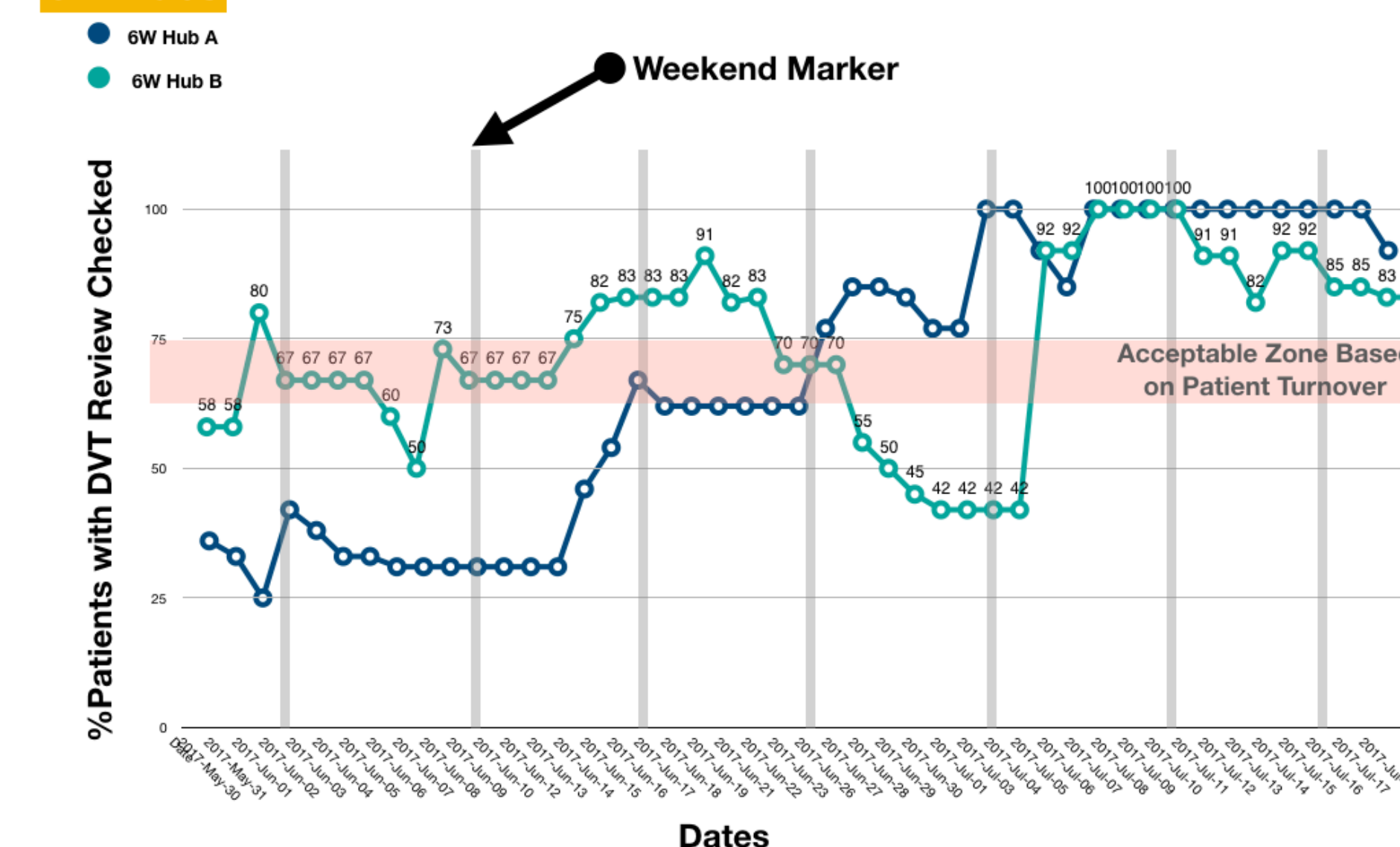
** These parameters can now be monitored daily and are the subject of ongoing quality improvement initiatives.

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.....

Quality care improves when information is provided real time and becomes a normal part of the daily discussion.

6W Hubs Team Driven Discussion



Daily DVT Prevention Review

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

Try it yourself !