



REACH Registry: Using Electronic Medical Record-based Tools to Improve Outreach Services



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Implementation of an EMR registry for children at elevated risk for DKA has improved outreach and workflow in caring for youth with T1D "Extra Care Diabetes" Team

BACKGROUND

- Supporting children who are at high risk of diabetic ketoacidosis (DKA) and other complications of type 1 diabetes (T1D) is a core goal of our diabetes program.
- Currently, children are identified using a custom risk score for DKA. A social worker and nurse team provide extra services to these children. Work was previously organized on spreadsheets; however, this limited the ease of tracking patients, sharing information, and gathering data.
- We aimed to leverage electronic medical record tools to facilitate this work.

METHODS

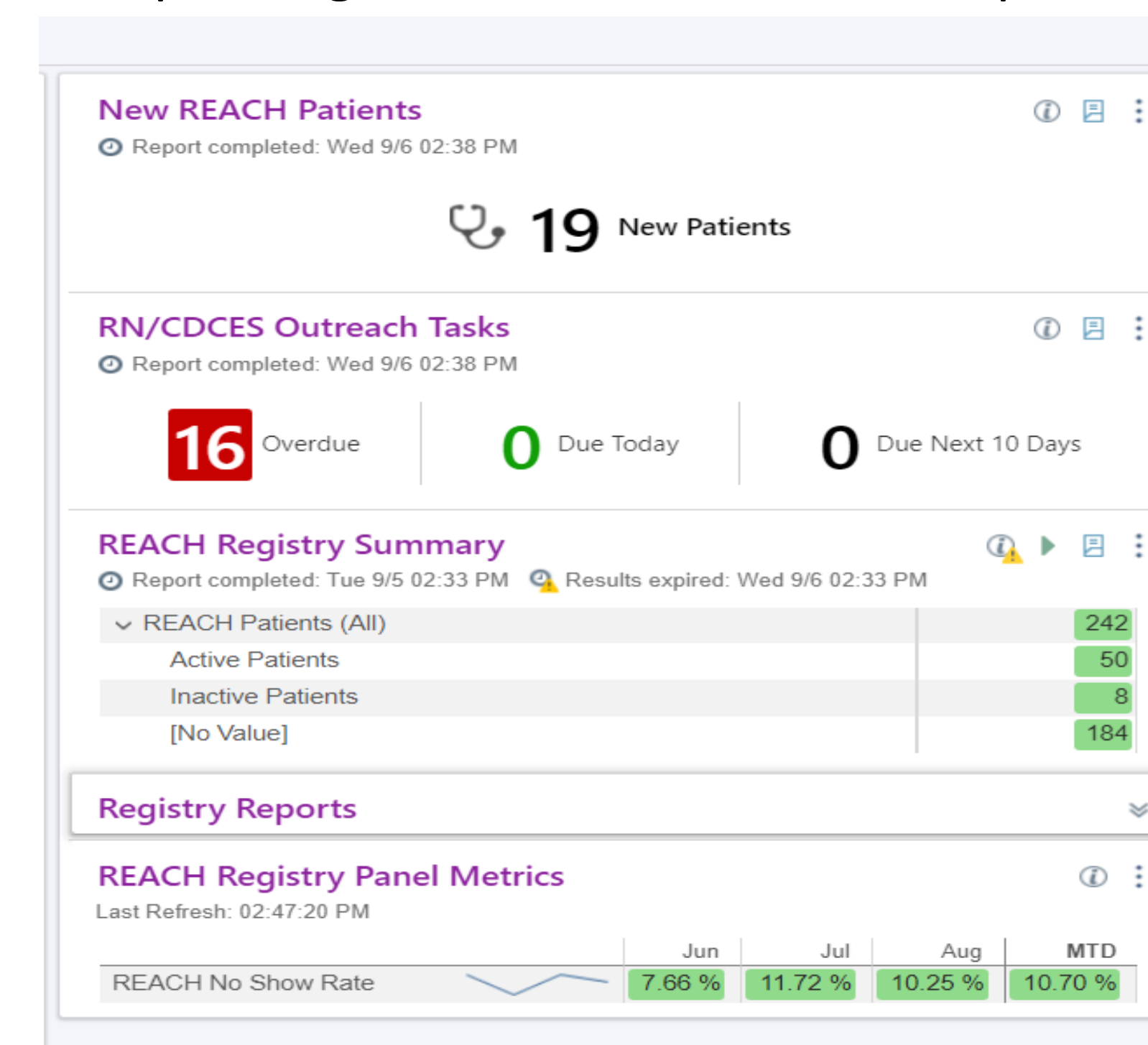
- We developed an EPIC EMR based registry, a custom intake form and dashboard to facilitate our work with the REACH (**RE**sources **And** **C**are to improve **H**ealth outcomes) cohort. Variables, which populate the registry, include a custom DKA risk score and number of DKA events in the past year.
- The work the nurse and social worker do is documented in the intake form, including reminders for follow-up, which then populate the dashboard.

RESULTS

- The EPIC EMR based registry and documentation tools were debuted in April 2023 at the main campus. There are currently 30 active patients in the REACH cohort.
- Having a specific documentation template has streamlined documentation and enhanced reporting capabilities.

CONCLUSION

- Creating an EPIC EMR based registry and document template streamlines workflow aimed at improving the care of children at high-risk of adverse events from T1D.
- Next steps include expanding workflow to satellite campuses.



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