

The dashboard also delivers functional assessments (such as patient mobility, stability, cognitive, and pain) across the care continuum by location, encounter type, and time-period. Importantly, it gives the CKRI team the ability to drill down into high-level data to discrete views at the patient and provider level (Figure 2).

FIGURE 2: FUNCTIONAL ASSESSMENT DASHBOARD

- 1 Ability to filter by group, location, diagnosis, encounter type and time period
- 2 Numerical data showing functional performance by location over time
- 3 Trends in function comparisons by location over time

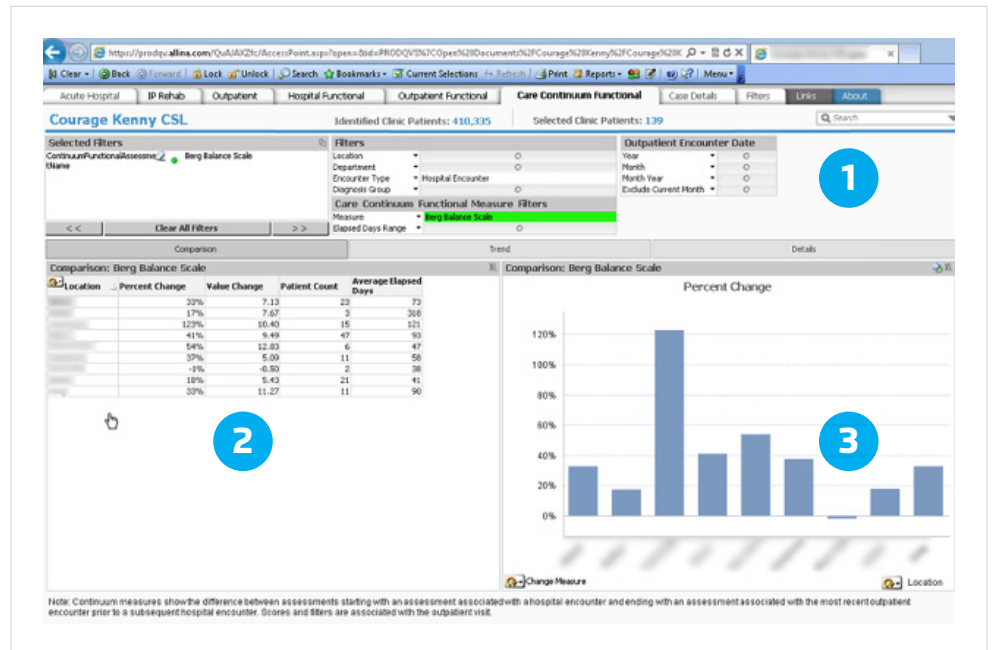


Figure 2: Functional assessment dashboard

Implementing a new care model was no easy task. CKRI leaders identified the following as key contributors to the success of this transformative initiative:

- Strong support from senior leadership
- Creation of a multi-disciplinary Value Committee to design, implement, and manage the new care model
- An effective engagement strategy, targeted at providers and care givers across the health system, based on involvement and education (including the use of stories to raise awareness and illustrate success)
- A strong culture of learning and innovation
- A high degree of patient involvement and advocacy
- Involvement of nurse and lay coordinators

“CKRI is committed to quality and continuous improvement based on measurable outcomes. We knew we couldn’t consistently improve or measure outcomes without access to all of the necessary data. Having integrated data at our fingertips and being able to evaluate outcomes using our analytics infrastructure has been key to our success.”

Sarah Jenson
Senior Data Analyst

INNOVATIVE CARE MODEL YIELDS BETTER FINANCIAL AND CLINICAL OUTCOMES

The following are key results of CKRI’s initiative to date.

Creation of an innovative care model that optimizes care and support across the continuum

CKRI has successfully implemented a highly collaborative and multi-disciplinary approach to comprehensive rehabilitation characterized by a holistic view of health. This new care model features an effective blend of health system and community services in support of patients, focusing not only on patients’ medical needs, but also on their vocational, social, and emotional needs. This program, which focuses primarily on the needs of patients, also tackles the challenges of healthcare reform and includes a learning laboratory for the emerging value-based reimbursement environment.

Cost savings of \$11.2M for the community

CKRI and its parent organization, Allina Health, achieved significant cost savings, as well as better coordinated care, thanks to the new, data-driven care model. Using the analytics infrastructure to compare service utilization pre- and post-program, Allina discovered significant reductions in many areas, including hospitalizations, length of stay, and emergency department visits.

Up to 76 percent reduction in hospitalizations and 53 percent reduction in ED visits

The most dramatic cost savings resulted from reductions in hospitalizations and ED visits. CKRI leaders attribute these results to a combination of analytics insights and better care coordination. Using analytics, CKRI successfully identified the highest-risk patients and was then able to give them focused care that would prevent future catastrophic health events. The analytics infrastructure not only targeted the right patients to receive the right care, but it also enabled CKRI to measure outcomes improvement and dollars saved—thus helping demonstrate value for its relatively high-cost programs.

WHAT IS NEXT?

CKRI will continue to improve the model with hopes of being able to expand its services to support even more individuals. The organization is working continuously to refine its ability to manage its populations well, as well as to apply lessons from its learning laboratory to help rehabilitation services operate more effectively

under a value-based, risk-based reimbursement system. CKRI will also focus on enhancing its processes for collecting necessary clinical, utilization, functionality, and cost data from across the continuum into its integrated analytic environment. 📌

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