

THE E³ HEALTHCARE STUDY

Helping patients attain the benefits of advances in medicine and healthcare is contingent on them becoming active in their own care. The E³—Engaged, Empowered, Electronic—Healthcare Study's automated tools are designed to optimize clinical interactions and shared decision-making. The tools provide patients and parents with the right information at the right time—helping them understand the information and teaching them how to use it with their healthcare team.

The Tools

Visit Planner

The Visit Planner encourages parents to observe their child's condition and keep track of important data to discuss with their care providers; and incorporates ongoing assessment between visits, with focused visit preparation before appointments. The tool uses a smartphone application with PUSH notification to deliver a weekly, brief assessment to parents regarding health status. Parents also receive weekly prompts, regarding any non-urgent questions or concerns they would like to remember to address at their child's next visit.

A week before the appointment, parents receive a summary report that graphically depicts their child's status throughout the inter-visit period. Parents are also asked to complete pre-visit planning data prior to the visit. They're reminded of how their child was feeling during the inter-visit period, the questions and concerns they thought of during this time, and asked to participate in visit planning by setting goals for the visit and reporting key symptoms.

Patient Status Tracker

The Patient Status Tracker Translates laboratory and other relevant medical data into intuitive visualizations and plain language that helps parents understand the meaning of the child's visit, trends in lab data, and relevant questions regarding the child's status. This tool is provided to the parent/provider one week prior to the next clinic visit.

CONTACT

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STUDY CLOSED

The E³ Healthcare Study has **closed** enrollment and data collection.

Timeline

January - October 2013

These automated, electronic tools will be piloted with 6 ImproveCareNow care centers. Each care center will need to identify a research coordinator to facilitate the study, including IRB approval, patient recruitment and data collection. Each care center will recruit approximately 50 patients in order to conduct the pilot test.

November 2013 - forward

The results from the pilot will help determine the optimal process for implementing and utilizing the activation tools across care centers.

Requirements to Participate

Care Center

- SMS+ and PVP+ in Orchestrated Testing
- Identification of research coordinator to facilitate study
- Clinicians will be asked to complete a very brief checklist after visits with study patients
- Sites must be live with the ICN2 enhanced registry by January 2013

Parents / Patients

- Smartphone or tablet is required for randomization. This is needed for the Visit Planner tool.

Training

Care centers participating in the pilot will need to participate in online training (via webinar/conference call) to cover: patient recruitment, data collection and data entry