

ICN2 - THE ENHANCED REGISTRY

What is ICN2? In order to support the ImproveCareNow learning healthcare system, we needed to take our existing registry and enhance it. **How?** By capturing needed data directly from electronic health records using a “data in once” process that records clinical data during a patient encounter. And by automating and streamlining quality improvement (QI) activities including pre-visit planning, population management, creation of QI performance dashboards and the collection of patient reported outcomes. Now that’s improvement.

THE FEATURES

Electronic Data Transfer

Electronic Data Transfer allows condition-specific data elements captured in the electronic health record to populate our multi-purpose registry. The standardized questions and data elements that are captured in the ICN2 registry comprise model care for children with IBD. The consistency enables the ICN2 registry elements to be collected during routine clinical workflows. With the participation of ImproveCareNow care centers, together we can:

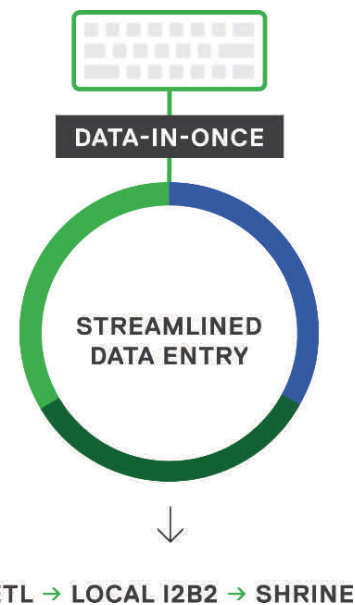
- Create new model for improving care and outcomes while lowering costs
- Reduce the amount of time and money currently spent on entering data
- Link clinical care with ongoing improvement, learning and research

Automated Population Management

We are leveraging the registry ICN2 to support advanced QI methods that allow population management process to be refined, adapted and implemented within each ImproveCareNow care center. This will enable the customization of longitudinal care for patients as their disease evolves over time.

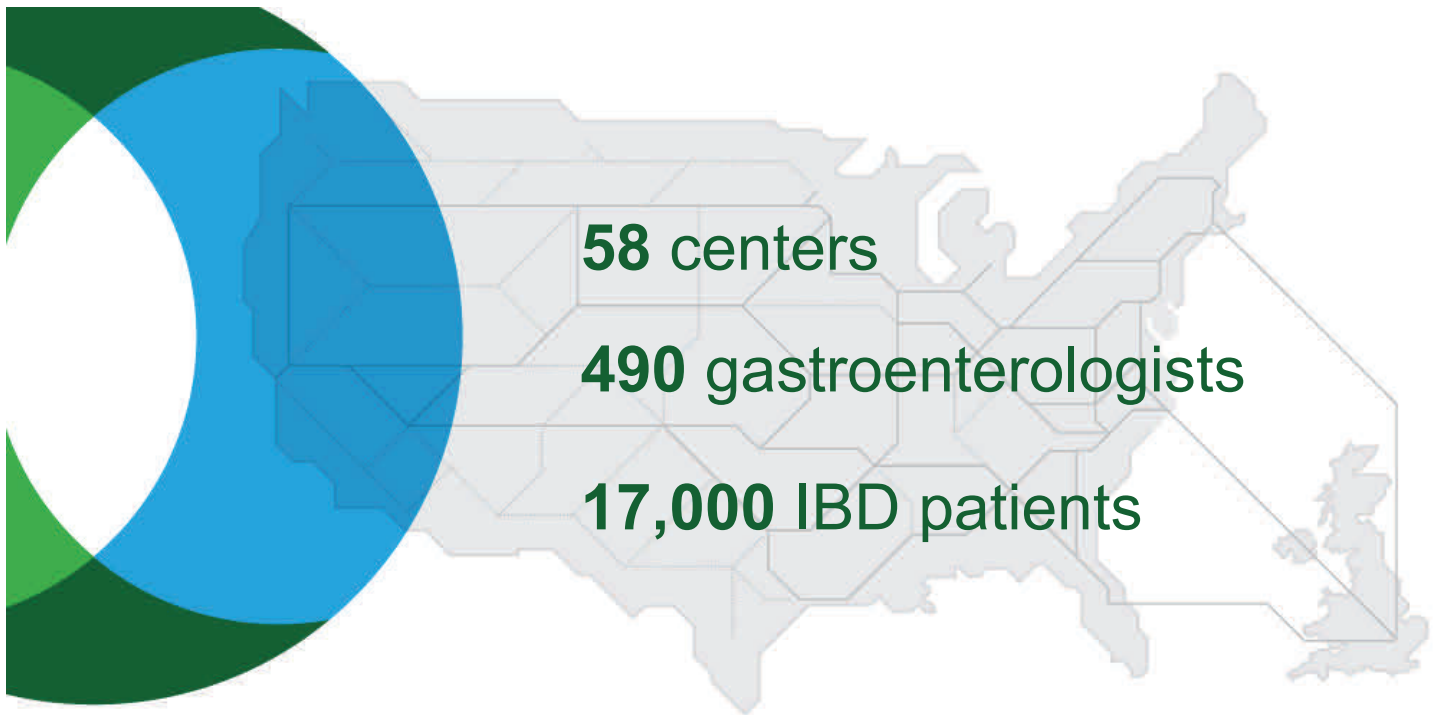
Additional features include:

- Marking of care strata variables
- Risk scoring of strata variables
- Patient stratification
- Care strata recommendations
- Choice of graphs / additional visualizations
- Use of the registry for ad hoc queries (*coming summer 2013*)



Automated Pre-Visit Planning

Pre-visit planning provides a clear process and tools for advance planning of patient visits across the medical practice with ongoing monitoring for consistency. One feature of the enhanced ICN registry is *Automated Pre-Visit Planning*, which uses registry data to provide recommendations based on patient characteristics. You simply select the patients you wish to review, and print their reports. Two options allow you to do a basic review, which provides general recommendations for the patient population, or an advanced review, which provides recommendations based on disease state. Pre-visit planning also allows for longitudinal review of the patient in addition to showing current data.



Timeline

March 2012

Electronic data transfer available

April 2013

Roll out of Automated PVP and PM

Fall 2013

ICN2 implemented across network

Requirements to Participate

Care Center

- ImproveCareNow care centers must complete IRB/Legal agreement approvals
- Upon completion of IRB and legal agreements, Stephanie Loos will contact the center to schedule a person training session and go-live date (approx. 2 weeks later)
- To utilize electronic data transfer, centers must capture data in their EHR in an appropriate format. A form has been created for the Epic EHR and forms will be made available to Cerner customers by mid-2013. GE will follow with a form for Centricity customers later in 2013
- Care centers must designate a staff member to execute uploads

Training and Support

- Training videos
- Users' manual
- Example data entry forms, data dictionary and work-plans for implementation and training
- Limited financial support to defray costs as stipulated in an existing contract between ImproveCareNow, Inc. and your center
- Implementation consultation by our IT team: we will support your center and your EHR vendor contacts in any way we can
- Quality improvement consultation to help develop user training, testing and modification of any new clinical workflows

CONTACT

Customer Service

helpdesk@improvecarenow.org

Project Lead

Stephanie Loos, Dan Jeffers

Stephanie.Loos@cchmc.org

Daniel.Jeffers@cchmc.org