

Quantros Care Insight™

With the rigorous demands of today's healthcare system requiring increased regulatory oversight, hospitals are finding that having the ability to automate monitoring and reporting on existing guidelines and clinical best practices is an operational necessity.

To meet that demand, Quantros is offering Quantros Care Insight™, which is an automated system that continuously monitors patient care compliance based upon your hospital's clinical best practices and established guidelines.

The screenshot displays the 'General' tab of a rule configuration window. At the top, it says 'Revise the parameters of the DPG rule below.' The 'Rule Information' section includes: Priority (High, Medium, Low), Rule Name (SCPad-1 All Surgery), Description (Prophylactic Antibiotic Received Within One Hour Prior to Surgical Incision), Inverse Rule (checkbox for 'Finding the Solution Event will NOT satisfy the rule.'), Rule Status (Under development), Hospital Rule Group (40 Surgery-General), Custom Rule Group (SCP Measures), Created By (VigLanz, VigLanz), and Modified By (VigLanz, VigLanz). The 'Events' section shows an Initiating Event of 'Surgical Incision' and a Solution Event of 'Open Pharmacy Order Drug Class' with selected items: 'Prophylactic Antibiotic'. At the bottom, there are options for 'Use Simple Time' (selected) and 'Use Window Time', with a 'Find solution event' field set to '1 Hours Before initiating event'. 'Save' and 'Clone Rule' buttons are at the bottom left.

Care Insight

Care Insight analyzes live data from your UB, surgical, pharmacy, lab, and ADT data systems 24 hours a day, 7 days a week. It uses a list of rules as defined by your organization to look for variances and conflicts to empower clinicians to anticipate, identify and prevent errors associated with patient care.

Care Insight reviews all of the data at both a hospital and patient level thereby allowing for management of overall care issues as well providing vital, real time information for frontline clinical staff.

Benefits of Care Insight

- Continuous monitoring of a wide range of clinical inputs: drugs, labs, vital signs, diagnoses and procedures



- Operates on dedicated systems, continuously monitoring 24/7 for exceptions in real time
- No re-entering of your clinical data is required since all inputs come from the hospital's current clinical systems via a live feed
- Minimizes IT resource demands and provides greater flexibility for the hospital's clinical and administrative staff
- Ability to quickly build sets of user-friendly clinical rule filters that adjust for variations in parameters such as age, gender, weight, and dosage
- Assigns a low, medium or high priority to each alert that is issued based upon the criticality of the situation

Getting Started with Care Insight

To use Care Insight, the implementation team will establish a live, streaming connection from your UB, surgical, lab, pharmacy and ADT systems using Quantros Connect, a HIPAA compliant secure SSL, point-to-point system for secure data transmission. There is very little client IT time required to establish and maintain this connection and it works with any system or interface engine that can direct HL7 messages. These messages are securely delivered to a centralized system hosted by Quantros.

As this connection is being established, we will train your team on Care Insight usage. The application is simple yet powerful and provides you with a library of client defined rules you can use or modify to fit the conditions desired for your organization.

Care Insight is normally available for use in fewer than 90 days.

Quantros and Vigilanz Partnership

Quantros offers Care Insight in partnership with Vigilanz Corporation. This partnership leverages the Quantros infrastructure and combines it with the technology and implementation services of Vigilanz.

Feature	Benefit
Rules based engine	Easy to use, with access to more than 1,000 rules, via the community library
Issue smart alerts	Minimize alert fatigue, ensure active relevance
Fast implementation	Quickly up and running in a comprehensive medication surveillance system
"Always On" surveillance	Transparently monitors 24/7 to ensure medication safety at all times
Provide secure data access	A HIPAA compliant secure SSL, Point-to Point system ensures secure data transfer using Quantros Connect

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Clients

With more than 1,400 facilities using one or more Quantros solutions, our long list of distinguished clients includes:

- Alegent Health
- Catholic Healthcare Partners
- Rochester General Hospital
- Missouri Hospital Association
- Tufts New England Medical Center
- Tenet Healthcare Corporation
- West Virginia Medical Institute (WVMI)

Credentials

We maintain deep roots within the organizations shaping the future of healthcare quality, safety and compliance.

- The Joint Commission
- CMS
- STS
- ACC-NCDR
- AHRQ
- NQF
- HL-7 (PSIG)
- ISMP
- AHA