

Clinical Business Intelligence – ACO measure Dashboard

Client Description

Client is a one of the leading pediatric hospitals in the USA,

Business Need

- Client wants to offer a real time consolidated portfolio view to it's doctors and patients
- Ability to transform data with statistical functions embedded in the Analytical tool
- A report that would offer intelligence on the data presented.

Key Objects implemented in the phases of deployment

- Data for Month,
- Focus Level,
- ACO Domain,
- Measure Category Zone,
- Perform Analysis,
- Graph analysis
- ACO Specification

Solution

To overcome the challenges, Shree Partners suggested to do a POC and prototype to perform in depth data transformations and more advanced scripting abilities to embed functions and provide flexibility to customers to analyze across multiple location.

Scope, Environment

Environment:-

QlikView 11, SQL Server 2012

Scope:-

- Dashboards Development and Support

Adds/Business Benefits


- Numerous features added since initial development
- Outsourced Model for agile development
- Highly scalable - near instant response time on very huge data volumes

Clinical Business Intelligence – ACO measure Dashboard POC

As of Month

Jun 2013

ACO Dashboard



Focus Level

THR

Zone

Clinic

Physician

ACO Domain

Patient/Caregiver Experience (future)

Care Coordination/Patient Safety (future)

Preventive Health

At Risk Population

Measure Category

Diabetes

Hypertension

Heart Failure

Ischemic Vascular Disease

Coronary Artery Disease

Zone: Southwest Zone

Measure	Threshold Target*	Max Target*	Performance	Graph	Analysis	ACO Specification
Diabetes Composite (All or Nothing Scoring)	50.00%	90.00%				ACO_DM_COMP
22 DM - HbA1c Controlled (< 8%)	50.00%	90.00%				ACO #22
23 DM - LDL Controlled (< 100 mg/dl)	50.00%	90.00%				ACO #23
24 DM - BP Controlled (< 140/90 mmHg)	50.00%	90.00%				ACO #24
25 DM - Tobacco Non Use	50.00%	90.00%				ACO #25
26 DM - Daily Aspirin Use	50.00%	90.00%				ACO #26
27 DM - HbA1c Poorly Controlled (> 9%)	30.88%	14.65%				ACO #27

* Threshold and Max Targets are the CMS established benchmarks for the 50th and 90th percentiles, respectively