

One Product.
Many Solutions.

PrecisionBI

Transforming Clinical Performance and Achieving PCMH Certification through PrecisionBI



WESTMED Medical Group is continuously focused on quality improvement. To meet and maintain accreditation for National Committee for Quality Assurance (NCQA), and designations that include Patient Centered Medical Home (PCMH) and an Accountable Care Organization (ACO), WESTMED employed a powerful clinical and business data integration tool.

The Company

WESTMED Medical Group is a physician-owned multi-specialty medical practice with over 280 physicians and 1,000 employees that serves over 300,000 patients in Westchester and Fairfield Counties, New York. WESTMED is an Accountable Care Organization (ACO) with several locations that include physician offices, a laboratory, surgery center and medical imaging and pathology services.

The Challenge

Patient-focused and visionary, WESTMED acquired the GE Centricity Enterprise™ Electronic Medical Record (EMR) system more than a decade ago and later adopted the GE Centricity Business platform for its revenue cycle management needs. At the time, WESTMED still needed a robust software solution that would help continue the organization's focus on high-quality patient care, but also one that would meet the demands of an increased healthcare regulatory environment.

"Each regulation creates its own reporting challenge, whether it's PCMH, ACO or Meaningful Use," explained Merin Joseph, Executive Vice President and Chief Information Officer, WESTMED Practice Partners.

The Solution

GE introduced WESTMED to the Pennsylvania-based PrecisionBI product. PrecisionBI is a software solution that easily integrates into all EHR systems. A powerful tool, PrecisionBI allows healthcare organizations to easily access, monitor and integrate siloed clinical, operational and financial data from multiple technology platforms to function more effectively in the newly defined healthcare delivery and reimbursement

environment. Its flexibility allows users to create customized reports that are relevant, timely and actionable to meet ACO, Meaningful Use and PCMH guidelines.

The Value

PrecisionBI enables WESTMED to easily comply with a complex set of guidelines, allowing reports on more than 65 National Quality Forum, Meaningful Use, Healthcare Effectiveness Data and Information Set (HEDIS) and PCMH measures on multiple behaviors and conditions such as smoking, heart failure, cancer, diabetes and depression.

When applying for PCMH certification, WESTMED needed to access hundreds of reports throughout the organization. With PrecisionBI, the process of identifying patients and running reports was simple. They received Level 3 NCQA certification for PCMH in 2010—the highest achievable level. Joseph credits PrecisionBI for helping them reach that goal.

"The only way we were able to produce accurate reporting was by using PrecisionBI," said Joseph.

In addition, WESTMED has applied their business model using PrecisionBI to make it available in their practice management services, to help medical provider clients build clinical dashboards and monitor and improve back-end services, like billing and patient pre-certification. And, after

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only a few days of on-site training, the WESTMED staff went "live" with PrecisionBI, extracting data and generating reports on everything from disease management measures to pre-certification and patient eligibility.

The Return on Investment

Before the adoption of PrecisionBI, WESTMED pulled patient reports using Crystal Reports for NCQA certification. They found compiling patient diabetic data was taking up to a week to perform with that solution—and costing the organization additional time and resources. But within a few seconds and keystrokes, PrecisionBI now fulfills WESTMED’s need to gather data quickly and allows more flexibility to run reports.

“We can ‘slice and dice’ the report any way we want,” said Joseph. “If we want to generate reports on heart disease or stroke patients, we can create reports by physician, health condition, medication and test results.”

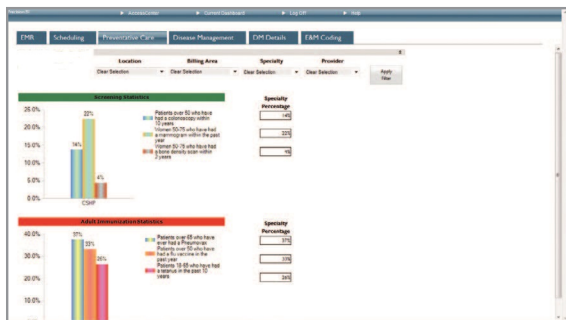
Staff trained on PrecisionBI showed WESTMED physicians how the product features help their practices

operate more efficiently and profitably. Each physician now has their own dashboard showing their clinical and financial metrics.

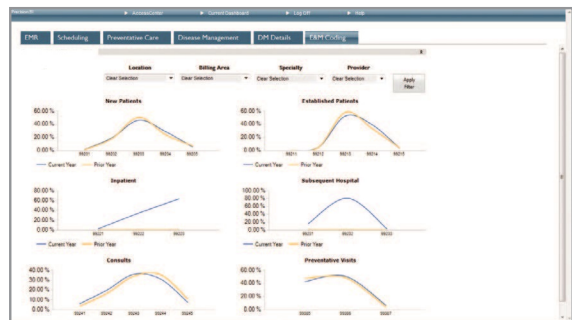
“Physicians can see how their patients are doing and compare that with their peers,” explained Joseph. “For example, blood pressure must be measured for diabetic patients, so a custom filter can be created to show compliance on that specific measure.”

Future Directions

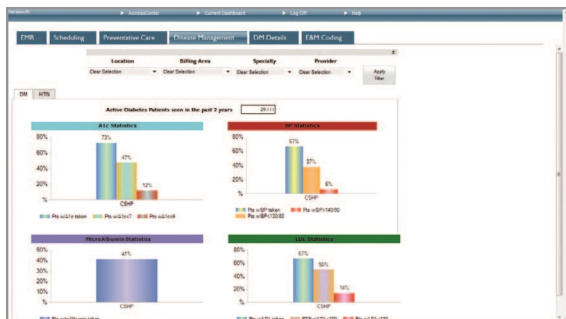
WESTMED purchased an enterprise license of PrecisionBI, which allows them to realize even greater efficiency in other areas by analyzing data from across their entire organization. Future goals include bringing in phone contact data from the telephone system and integrating additional laboratory data.



Preventative Care: Dashboards monitor screening statistics and adult immunization statistics. Based on age and screening/immunizations, track the percentage of patients that are compliant. The filters, if applied, can be done at the location, billing area, specialty and provider level.



E&M Coding: Dashboards monitor E&M coding comparison of current year versus prior year. All codes are sorted from the lowest level E&M to the highest. The filters, if applied, can be done at the location, billing area, specialty and provider level.



Disease Management DM: Dashboards monitor active diabetes patients seen in the past two years. Diabetes statistics including A1c, MicroAlbumin, BP and LDL sorted by percentage criteria. The filters, if applied, can be done at the location, billing area, specialty and provider level.

Provider	DOB	Age	Sex	Result Date	Result
1000000001	01/01/1950	68	Male	8/13/2018	8.7
1000000002	02/02/1951	67	Male	8/13/2018	8.2
1000000003	03/03/1952	66	Female	8/13/2018	7.1
1000000004	04/04/1953	65	Male	8/13/2018	8.1
1000000005	05/05/1954	64	Female	8/13/2018	8.3
1000000006	06/06/1955	63	Male	8/13/2018	8.4
1000000007	07/07/1956	62	Female	8/13/2018	7.5
1000000008	08/08/1957	61	Male	8/13/2018	8.6

DM Details: Dashboard monitors disease management statistics organized in a daily monitor. The daily monitor provides summary or detail information on core activities. Also, the daily monitor allows you to update several metrics at once to focus on different series of datasets. The filters, if applied, can be done at the specialty and provider level.

About PrecisionBI

PrecisionBI (PBI) pioneered healthcare analytics and business intelligence. Since 1993, PBI has elevated healthcare analytics and business intelligence by automating it and providing our clients with clinical and financial decision support. PBI empowers its users with an enterprise-ready, self-service solution that continually seeks to exceed the demands of today’s healthcare industry. With over 20 years’ experience in healthcare analytics and BI, our 350+ clients are backed by some of the best talent in the industry and continually advancing the future of healthcare.

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