

Center for Behavioral Health/Centerstone

### **Organization Name:**

Center for Behavioral Health/Centerstone

### **Organization Address:**

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### **Organization Contact:**

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### **Schema Archetype**

Outpatient, Group – Specialty

### **Schema Factors**

Outpatient, >10 Providers, Urban & Rural, Non-Academic/Community

### **Organization Summary**

The Center for Behavioral Health (CBH) was part of a network of outpatient and residential facilities specializing in the treatment of various mental health and substance abuse disorders. CBH employed 281 staff members, including physicians, psychologists, caseworkers, and office staff. In 2005, CBH served 7,861 clients and provided 313,000 clinical transactions.

In 2008, CBH merged with three other mental health centers, two in Indiana and one in Tennessee, to create Centerstone, a \$120M organization seeing approximately 66,000 clients per year that employs approximately 2000 people. The organization that was CBH is now part of Centerstone of Indiana. A new entity was created as part of the merger, Centerstone Research Institute (CRI). CRI has responsibility for all research and information technology activities for the Centerstone enterprise in Indiana and Tennessee. CRI also has responsibility for all research activities done in the enterprise. Since 2003, CRI has received \$64M in research funding, \$15.3M of that in 2010. CRI partners with academic researchers and has its own teams to do grant writing, program evaluation, participant solicitation and analytics. Because Centerstone is now on a unified EHR, researchers can find subjects fairly easily. CRI also has its own IRB.

### **IT Environment**

CBH used multiple health IT products to meet the needs of the care team members.

Initially, CBH used PsychConsult as the core EHR application, which organizes the medical history and treatment plans and Infoscriber, for prescription writing and documentation. Infoscriber has clinical decision support tools, including drug-drug, drug-allergy, drug-diet alerts, and other tools. CBH also developed PsychREMIX for behavioral health treatment planning and related decision support and integrated it with their commercial applications. CBH's health IT system also included interfaces with a laboratory results reporting system and public health databases.

The 2008 merger required the integration of four disparate EHRs located in two states into one enterprise application. Some of the functionality in the CBH legacy applications that won the Davies Award has been ported to the larger organization's EHR.

## **CDS Achievement**

As a specialty behavioral healthcare system, it was important for the Center for Behavioral Health to meet the needs of a team of providers, including psychologists, psychiatrists, nurses, and caseworkers.

CBH's approach to health IT and CDS, in particular, was to identify two primary needs: 1) the need to have a centralized, accessible but secure, medical record system, and 2) an electronic prescribing system for psychiatrists that provided clinical decision support and interfaced with the medical record. These needs were addressed with PsychConsult and the Infoscriber e-prescribing application. In an attempt to implement more rules-based treatment plans across the organization, CBH determined that an adequate solution was not available from a commercial vendor. CBH's solution was to develop PsychREMIX, which provides clinical decision support for treatment plans. CRI has built on the work done at CBH by developing predictive modeling tools using Bayesian Network Analyses that will predict what treatments will provide best clinical outcomes.

## **Lessons Learned**

If the needs of an organization are unique or highly specific, it may be advantageous to assemble a system of products that can best meet the organization's needs.

## **Awards, Recognitions, and Citations**

2006 HIMSS Davies Organization Award Recipient. CBH Award Application available at:

<http://www.himss.org/content/files/davies/2006/CBHDaviesAwardSupplement.pdf>

2010 The Data Warehouse Institute (TDWI) Award for Best Practices in Data Warehousing and Business Intelligence. CRI Award Summary available at:

[http://tdwi.org/Articles/2010/08/16/TDWI-Best-Practices-Awards-Winners-2010-Summaries.aspx?sc\\_lang=en&Page=6](http://tdwi.org/Articles/2010/08/16/TDWI-Best-Practices-Awards-Winners-2010-Summaries.aspx?sc_lang=en&Page=6)