

Calgary Rural PCN selects Coalese Corporation for Metrics Analysis

Calgary, Alberta – September 9, 2009: The Calgary Rural Primary Care Network (PCN), a multi-disciplinary patient care team representing over 90 physicians and supporting over 90,000 patients, has selected Coalese to provide the metrics analysis required by the recently announced Performance and Diligence Indicators (PDI) program in Alberta.

The Alberta PDI program is intended to promote the implementation of “evidence based practices” by Alberta primary care physicians to improve patient outcomes and accountability. One of the requirements of this program is the need to perform regular detailed analysis of primary care patient records.

The Coalese metrics solution provides analysis of data stored in the Calgary Rural PCN’s electronic medical records (EMR) systems to meet and exceed the evolving requirements of Alberta’s PDI program. The solution begins by examining all EMR data including coded data such as blood pressure and medication lists and non-coded data such as encounter notes. From there, patients with chronic conditions can be identified, treatments examined and opportunities for pro-active treatment identified.

As an example, the Coalese metrics analysis for hypertension includes all of the following:

- It performs sophisticated pattern matching on all free form text in encounter notes and observations looking for words and phrases that indicate hypertension including short forms such as “HTN” and common misspellings such as “hypertenion”
- It examines all Blood Pressure measurements over the selected time window to determine if any exceed a doctor entered threshold
- It scans for over 100 medications that are indicated for hypertension
- Once the patients with hypertension have been identified, Coalese performs additional pattern matching to identify which are smokers and of these which have been offered smoking cessation counselling.
- The resulting report of patients with hypertension who smoke but have not been offered smoking cessation counselling represent an opportunity for pro-active care.

All of this analysis is completed with no performance impact on the Physician’s EMR and with no changes to the Physician’s day to day activities.



Making Collaboration Happen!

“We are very encouraged to see our technology applied in a way that results in improved patient care without disruption to the primary care physician. It represents a win for everyone!” said Andrzej Taramina, President of Coalese Corporation.

About Coalese Corporation: Coalese Corporation is a Canadian company specializing in healthcare data access and integration solutions. Coalese provides products and services that enable secure mobile and remote access to data stored and electronic medical record (EMR) systems without the need to learn the EMR, that perform complex analysis of EMR data without affecting EMR performance, and that allow physician selected EMR data to be easily shared with other health care organizations. Coalese solutions are characterized by minimal or no IT support requirements, low cost, and rapid implementation timeframes, typically measured in weeks.

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