12.2.2 Allscripts

Allscripts Healthcare Solutions, Inc. (Allscripts) is a provider of clinical, financial, connectivity and information solutions and related professional services to hospitals, physicians and post-acute organizations. The Company provides a variety of integrated clinical software applications for hospitals, physician practices and post-acute organizations. For hospitals and health systems these applications include its Sunrise Enterprise suite of clinical solutions, consisting of a range of acute care Electronic Health Record (EHR), integrated with financial/administrative solutions, including performance management and revenue cycle/access management. The Company's acute care solutions include Emergency Department Information System (EDIS), care management and discharge management.[1]

For more information please visit http://www.allscripts.com/.

Allscripts released their first version of Vocabulary Management utilizing SNOMED CT in 2005. Since then Allscripts systems have been able to utilize SNOMED CT for clinical decision support and reporting. Allscripts uses a common terminology platform for all three electronic health record systems: Sunrise Clinical Manager™, Sunrise Acute Care™ and Sunrise Ambulatory Care™.

When a query is performed over a health record that requires clinical terminology, the terminology service always returns a SNOMED CT code. If the primary code stored in the health record is not SNOMED CT (e.g. ICD-9 or ICD-10), then the terminology service performs the mapping to SNOMED CT, saves the SNOMED CT code in the health record next to the original code (to make future queries more efficient), and returns the SNOMED CT code.

Allscripts Sunrise applications are able to link SNOMED CT to all orders, order form pick lists, observations pick lists and results.

Point of Care Decision Support

Sunrise Clinical Manager integrates reference content from medical publishers into clinician workflow. The Sunrise InfoButton™ feature provides clinicians access to relevant medical reference content wherever patient care decisions are made, without requiring them to log into or visit another site. Sunrise InfoButton uses encoded patient problem lists and medication data elements to query third-party medical content selected by the clinician. Several healthcare reference content providers index their content using SNOMED CT. This enables the delivery of on-topic information without manual searching. Resources with SNOMED CT indexed content include Wolters Kluwer Clin-eguide which provides context-specific evidence on particular medical issues and diseases and Lexi-Comp, providing drug and drug-interaction information, diagnosis and disease management, formulary services, patient-education resources and clinical support tools.

Reporting

The Allscripts Clinical Quality Management (CQM) is an automated chart abstraction and analytics system. CQM is able to create population sets with SNOMED CT encoded patient records and use these patient sets for reporting. CQM is a flexible, powerful reporting and analytics system presenting information in a variety of formats ranging from simple list style reports, to Online Analytical Processing (OLAP) Data Cubes with Pivot reports.

Allscripts Clinical Performance Management (CPM) is a business intelligence solution for monitoring clinical performance, improving patient outcomes and reducing costs. With prebuilt or customized reporting and dashboards, healthcare leaders have powerful access to performance information enabling quality improvement across the health enterprise.

Applications include:

- Alert usage analysis: User-customizable reports drill down into clinical decision support usage data revealing the reasons and circumstances for bypassed or overridden alerts. Seeing the impact of decision support enables a sharper focus on patient outcomes and supports the refinement of rule logic.
- Order-set usage analysis: Organizations can evaluate their order set usage patterns of computerized provider order entry. By observing order set configuration, deployment and use, organizations can revise them to enhance their effectiveness and usability.
- Clinician utilization analysis: Clinicians can examine the vast array of health issues and clinical observations for discharged patients to support patient treatment decisions and protocol implementation. In addition, patient cohorts can be tracked over time to determine if the proper treatments are being delivered.

Footnotes

RefNotes

1   http://www.reuters.com/finance/stocks/companyProfile?symbol=MDRX.O