

Soarian Clinicals Enhances Physician Usability

The explosion of diagnostic and treatment-related medical data has added to the challenges of busy physicians. Siemens understands the need to deliver solutions that help the physician manage this data with tools that are efficient and easy to use. The flexible, web-native design of Soarian® Clinicals facilitates physician workflow. Soarian Clinicals provides an excellent physician user interface that facilitates adoption and, in turn, helps organizations address important ARRA HITECH Meaningful Use requirements such as CPOE, medication reconciliation, and the medical problem list.

Efforts to broadly deploy CPOE have experienced renewed energy due to the meaningful use requirements. Soarian's CPOE functionality is designed to support the efficient, accurate placement of both medication and departmental orders. The CPOE process, as well as physician adoption of this capability, is further facilitated by recent Soarian physician usability enhancements. These enhancements include the addition of a CPOE favorites list that enables the individual physician to select and save frequently used orders as "Personal Favorites" and access them in a rapid, predictable manner. Enhancements in the area of clinical checking will allow for a broader range of clinical checks as well as expanded ability to tailor checking based on physician user groups such as specialty or unit.

Medication reconciliation is another key area receiving increased attention and scrutiny based upon criteria proposed by both The Joint Commission and ARRA HITECH. Soarian Clinicals electronic medication reconciliation capability places a strong focus on physician workflow and integration with CPOE. Clinicians will be able to collect and document each patient's home medication list using a variety of data sources, utilize that list to reconcile against current or new

inpatient medications, and create new medication orders in one efficient process. One of the new sources of home medication data is the Surescripts-enabled Medication History solution which allows for the import of "prescriptions filled" data via pharmacy benefit manager and retail pharmacy sources. Physicians will receive additional workflow benefit from the Soarian discharge medication reconciliation enhancements that facilitate the rapid, accurate creation of a reconciled discharge medication list. Physician usability will further improve through the seamless integration of medication reconciliation and ePrescribing.

Solution components supporting physician documentation should be deployed with both usability and flexibility in mind. Physicians have traditionally utilized a combination of handwriting and dictation to document their clinical care and decision making as well as communicate with other members of the patient care team. Soarian Clinicals delivers a robust set of tools that facilitate the migration to electronic physician documentation. The solution supports documentation via templated forms and notes, integrated dictation and transcription, and utilization of third party speech recognition software. Soarian includes a number of model specialty-focused progress note templates. In addition, the current Clinical Letter capability has been significantly enhanced to support the creation and transmission of standards-based CCDs (Continuity of Care Documents) so that important clinical data can be shared both within and between healthcare entities.

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The ability to create and maintain an up-to-date problem list is one of the specific capabilities targeted in the recent ARRA HITECH "meaningful use" standards. The success of this effort will hinge, in large part, on the ability of physicians to efficiently enter and retrieve useful data from the problem list. Soarian includes a starter model of physician problems derived from the CORE subset from the National Library of Medicine, indexed with synonyms, and mapped to SNOMED and ICD9. Physicians will be able to easily enter problems at a number of relevant locations in Soarian Clinicals as well as view or retrieve the problem list when needed.

Siemens is prepared to assist our customers as they move forward in the deployment and utilization of clinical information technology. In order to be successful in these efforts, the technology must be accepted by their physician users. Usability is key to widespread acceptance. Soarian Clinicals is a powerful solution that supports the needs of the individual physician while assisting organizational efforts to deliver high-quality patient care.

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Global Siemens Headquarters

Siemens AG
Wittelsbacherplatz 2
80333 Muenchen
Germany

Global Siemens Healthcare Headquarters

Siemens AG
Healthcare Sector
Henkestrasse 127
91052 Erlangen
Germany
Phone: +49 9131 84-0
www.siemens.com/healthcare

Global Business Unit

Siemens Medical Solutions USA, Inc.
Health Services
51 Valley Stream Parkway
Malvern, PA 19355-1406
USA
Phone: +1-888-826-9702
www.usa.siemens.com/healthcare

Legal Manufacturer

Siemens Medical Solutions USA, Inc.
Health Services
51 Valley Stream Parkway
Malvern, PA 19355-1406
USA

www.siemens.com/healthcare