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HCS Medication Reconciliation

Allowing for integration with any existing hospital information system, *HCS* Medication Reconciliation reduces clinician workload and increases patient safety by streamlining the medication management process.

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Company Background

Health Care Systems, Inc. was founded in 1983 with a mission to develop the best clinical software applications for hospitals and health care facilities.

Our innovative software solutions enable health care professionals to deliver the highest quality of patient care, while reducing costs and improving access to information. By integrating into existing hospital information systems, our health care applications can join multiple medical data systems, resulting in reduced delay, improved accuracy, and enhanced information. These benefits are just some of the reasons that *HCS* healthcare information systems are being used today in more than 400 hospitals and medical centers nationwide.

Product Overview

HCS Medication Reconciliation is an automated medication history retrieval and software solution that meets and exceeds the Joint Commission's standard "to accurately and completely reconcile medications across the continuum of care." Upon admission, clinicians are provided, within seconds, a detailed report of a patient's prior medication history, including drug strength, quantity, and original fill and last refill dates. The solution alerts clinicians to possible medication interactions, duplicate drug therapies, compliance issues, and formulary interchanges. Clinicians can immediately create a drug order and/or input additional medications. Upon discharge, a similar view allows reconciliation of inpatient and home medications, enabling medication reorder and/or addition of new medications.

Each step of the reconciliation process is supported electronically, and/or with specialized reports. For example, the Medication List Worksheet displays a box to allow the physician to start an order and/or allow entry of additional medications at Admission, Transfer and Discharge. Software to accomplish this step is also available, eliminating the need for paper reports. Once the Prior Medication History is completed on Admission, the information is printed and/or sent electronically to the Clinical Information System. If the patient transfers levels of care, medication orders are printed or sent to the Clinical Information System as well as displayed electronically in the clinician's choice of format.

HCS Medication Reconciliation provides the clinician a Discharge Medication Worksheet and/or on-screen display that contains the patient's inpatient medications and home medications with a column for the physician to check to continue, indicate dispense amount, select refill times, add comments and e-sign. The physician can add new medications if applicable. In addition, Medication Education Monographs (in English and other languages) and Electronic Prescriptions can be generated. This facilitates patient counseling regarding any changes in discharge medication therapies compared to pre-admit therapies, and increases compliance. The physician may submit the Discharge Prescriptions by fax, paper or electronically to the patient's pharmacy. Additionally, discharge instructions and the patient medication list is supplied to the patient and transmitted to the next level of care.

HCS Medication Reconciliation has been proven to save time and increase accuracy during medication reconciliation:
- 2.4 more critical medications identified during admission
- 50% or more increase in computerized physician order entry
- 51 minute reduction in time to reconcile
- 23% increase in ordered critical medications

Key Features
- Simple merged medication list allows reconciliation on one screen for both inpatient and home medications
- Interfaces with other hospital information systems
- Supports single sign-on for easy system access; CCOW compliant
- Color coding for medications based on origination (home, inpatient, etc.)
- Core measures alerts and tracking
- Home medications provided from retail prescription data
- Physician order entry
- E-Prescribing
- Automatic electronic faxing
- Customizable filters and reports
- 2011/2012 compliant for Stage 1 meaningful use

This complete EHR, *HCS* eMR version 4, is 2011/2012 compliant and has been certified by the Certification Commission for Health Information Technology (CCHIT®), an ONC-ATCB, in accordance with the applicable certification criteria for Hospitals adopted by the Secretary of Health and Human Services. This certification does not represent an endorsement by the U.S. Department of Health and Human Services or guarantee the receipt of incentive payments. *HCS* eMR was certified on 11/12/2010, unique certification number CC-1112-107740-2. *HCS* eMR meets all clinical quality measures (NQF 0371; NQF 0372; NQF 0373; NQF 0374; NQF 0375; NQF 0376; NQF 0435; NQF 0436; NQF 0437; NQF 0438; NQF 0439; NQF 0440; NQF 0441; NQF 0495; NQF 0497) as well as all certification criteria for a complete EHR.