An Introduction to
Cerner Millennium

مـؤسسـة حمـد الـطـبـيـة
Hamad Medical Corporation
HEALTH · EDUCATION · RESEARCH   صحة · تعليم · بحوث

Nursing Informatics Department

Cerner Millennium is a comprehensive suite of digital solutions which will automate clinical processes and provide instant access to clinical information and integrated workflow through an EHR (Electronic Health Record), it allows physicians, nurses, and other supporting providers the ability to view results, problems, diagnosis, medications, and other pertinent information in real-time.

Cerner Millennium digitize registration and scheduling, laboratory, pharmacy, physician and nursing documentation, emergency, surgery, and clinical supply chain, connecting consumers, clinicians and healthcare organizations into a streamlined, unified single care process.

Cerner's main EHR software is Cerner Millennium, which is then further broken down into more specific solutions that coincide with many healthcare specialties.

Cerner Millenium

Clinical Solutions

FirstNet® Emergency Medicine Information System offers patient and provider tracking and an intuitive presentation of patient diagnoses and clinical events for the emergency department.

FirstNet provides basic emergency department functionality, including quick admits, tracking, triage and patient history, as well as a graphical reference to patient location and order status.

- Tracking list allow views of patient and clinician activity
- Quick Registration - Nurse can enter multiple patients into the system quickly and eliminate patient delays
- Communication is greatly enhanced and information is accessible to all personnel via the electronic tracking board
- Acuity Levels can be assigned immediately
- Orders such as lab, x-rays, and EKGs are clearly visible on the tracking board, alerts and status of order is displayed
- Access to Powerchart® and the patient's medical record

SurgiNet® Surgery Information System is designed to address the needs of the surgical department, including automating the functions of resource and equipment scheduling, inventory management, anesthesia management and operating room management.

- SurgiNet case tracking allows you to view up to- the-minute patient and case status data.
- An easy-to-use, drag-and-drop appointment book allows to manage multiple-facility and multi-resource scheduling.
- Shares common data elements among the nursing, intra-anesthesia and the PACU documentation which help improve patient handoff
- Intuitive documentation tools provide automatic data deficit checking which helps ensure a thorough record

Powerchart

An electronic medical record that supports enterprise wide viewing of clinical information, it automates the processes necessary to coordinate patient care and document at the point which it was delivered in both acute inpatient and outpatient settings.

PowerChart CareNet® Acute Care Management System is a family of solutions designed to automate care delivery in acute settings. It includes process automation function for viewing clinical information and activities from any department or system.

- Captures and retrieves discrete patient data
- View the electronic patient record
- Enter and complete orders
- Clinical documentation of patient care activity in forms-based, free text and structured text format
- Managing the work day and patient assignments for healthcare professionals
- Validating medications against patient history, allergies, and potential contraindications
- Care Compass – provides a dashboard for bedside clinician that allows view of patient list and activities

Cerner Millenium

PowerChart Maternity® Maternity Management System is a maternity solutions that provide an electronic health record for mother and baby, it includes a customizable pregnancy summary that provides a quick overview of information relevant to the pregnancy.
- Labor-tracking board
- Pregnancy and neonate summary provides a quick overview of information of mother and baby
- Allow to easily copy data from the mother's record to the baby's record at anytime and as often as needed
- Automatically calculated estimated due date (EDD) and estimated gestational age (EGA)
- Automatically generates fundal height and labor graphs from documentation and provides decision support

PowerChart Oncology® Oncology Management System is an automated solution that collects and integrates all of the clinical information to support all aspects of oncology care: prevention, detection, treatment, research and reporting for medical oncology, creating a lifetime EMR.
- Clinicians have access to an oncology specific patient summary and flowsheet
- Enables protocol and complex medication management
- An interactive staging component enables data capture from pathology and radiology reports and automatically calculates the stage.
- Tracking board organizes the workflow in the ambulatory clinic and infusion center.
- Evidence-based treatment plans with dose calculations, drug interactions, recommended therapy plans and electronic verification by the pharmacist replace complex chemotherapy written orders.
- Increase patient safety through oncology-specific workflow driver for chemotherapy ordering and administration

PowerChart Ambulatory® Ambulatory Care Management System is a complete electronic medical record designed for ambulatory care settings. Every aspect of the patient's visit will be recorded electronically, from check-in to checkout including nursing and physician assessments, diagnoses, orders, test results, immunizations and procedures.

- Electronic communication via the Message Center
- Clinical summaries of patients for each visit
- Provide educational materials to support care at home
- Send reminders to patients per patient preference for preventive/follow up care
- Homecare – Provides wireless access to PowerChart that allows full remote documentation

Look and Feel

Have a look and feel of these solutions by visiting the open house link at http://train.vccerner.com/Citrix/SCOH/auth/login.aspx or you can just scan the code below to direct you to the website and enter the following log in details

Log-in
Username: HAMCQAT_OPEN
Password: Cerner123

PowerChart access
Username: nursern
Password: cerner

If you encounter access problems or needs assistance please call your Nursing Informatics Coordinator during working hours at 4439 5209 or 4439 5206

Source:
www.cerner.com /solutions/
www.cerner.ae

Feel free to send us your comments and suggestions to:
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