Cerner Powerchart Ambulatory

Powerchart Ambulatory will provide a complete electronic medical record (EMR) to the Kaleida Health clinics, replacing the patient’s paper chart. 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.

As a patient leaves the visit, she or he will receive a summary of the visit, prescriptions as needed and educational materials to support care at home. The patient’s record, including the problem list, assessments and medications will be available to the entire healthcare system.

**Benefits for clinic staff include:**
- electronic communication via the Message Center
- automatic notification of patient results from Kaleida Health labs
- automatic routing of orders and charts for co-signatures
- faxing of prescriptions to pharmacies
- electronic documentation for all aspects of patient care
- enhanced clinical reporting
- elimination of time-consuming problems with “missing” or misplaced charts

**Implementation**

The EMR will be implemented first at the West Side Health Care Pediatric Clinic in November 2009, followed by Hodge Pediatrics and Towne Garden Pediatric Clinic. Family Medicine and Internal Medicine clinics will go-live in 2010.

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**Cerner Medication History**

The ability to capture and record patient medication history is available in Cerner Powerchart. Nurses will enter the patient’s home medications into Powerchart. The information will be available to Cerner Powerchart users system-wide. The information captured in Powerchart will be printed on the Medication History section of the paper medication reconciliation form. The new medication reconciliation form will display legible home medication history for patients and providers. When patients return to a Kaleida Health facility, prior medication history will be available for review and verification.

**Implementation**

Cerner Powerchart Medication History will be implemented at the Suburban Emergency Department and acute care nursing units in October 2009. The roll out to the remaining acute care sites will continue through 2009.

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**Electrocardiograph Update**

New Mortara Electrocardiograph (ECG) carts have been deployed at BGH, DeGraff, Suburban and Gates. These new carts facilitate the real time transfer of the EKG into Cerner allowing immediate access to the tracings. Through Cerner, cardiologists can review the tracings, render their final interpretation, and electronically sign the reports.

**Implementation**

Rollout of these new carts at WCHOB should be complete by end of 2009.
Cerner Firstnet – Emergency Departments

**Depart Process**

Cerner Firstnet is the EMR solution for Kaleida Health Emergency Departments. Current functionality includes sign-in, nursing triage documentation, and white board tracking functionality to improve patient care and flow.

Firstnet offers solutions to efficiently manage the activities associated with the process of documenting and discharging (i.e., departing) a patient from the emergency department.

The depart process in Cerner will compliment the current functionality and provide both our patients and primary care physicians with information needed to improve follow-up care.

**Discharge instructions will include:**

- Diagnosis
- Patient education
- Patient follow-up
- Medication reconciliation
- Prescription generation

Upon completing the depart process, the system will generate discharge instructions and a clinical summary of the visit for the patient. The primary care physician will also receive notification of their patient’s emergency department visit. The patient discharge summary and clinical summary will be viewable in Cerner Clinical Notes and InfoClique.

**Implementation**

The new depart process and patient clinical summary will be implemented in the Suburban Emergency Department in October 2009. The roll out to the remaining emergency departments will continue through 2009.

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Cerner SurgiNet Phase 1

SurgiNet is a Cerner software package that will be replacing the SIS surgery system. Moving from SIS to SurgiNet aligns with our clinical and operational strategy. The SurgiNet system is being rolled out in two phases:

- **Phase 1** will include scheduling, case tracking, electronic intra-operative documentation, and materials management for the ORs, minor procedure areas, Urology, and GI Labs
- **Phase 2** will include the pre- and post-procedure care electronic documentation for these areas and move us from a paper to electronic environment

By utilizing SurgiNet for surgical scheduling we are now able to coordinate scheduling for both pre-admission testing (PAT) and surgery using one application.

Additional functionality within SurgiNet will enable us to capture information that is vital for appropriate scheduling, accurate consents, payer authorization and OR readiness when the patient presents for care. By obtaining the information during a single call, we will eliminate rework and follow-up calls to the physician office.

Our goal is to provide outstanding customer service to our patients and physicians, while giving our staff the tools and information they need to perform their jobs.

**Implementation**

SurgiNet – “Phase I” will be implemented first at Suburban in December 2009.

It is expected that the roll out will continue during 2010 to WCHOB, BGH, Ambulatory Surgery Center, Amherst General GI, and MFG. DeGraff will go live with both Phase I&II in 2011.

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If you have any questions regarding the content of this newsletter, please contact Gary Brice at gcbrice@kaleidahealth.org or phone 716.859.1965.
Bridge Medication Administration

Kaleida Health will be implementing new technology designed to improve patient safety. Cerner Bridge Medication Administration—a bar code-enabled, point-of-care system for medication administration verification and documentation—is a first defense against medication error.

Studies show that as many as 98,000 people in the US die each year from medical errors. Hospitals are beginning to reduce this crippling statistic by establishing an automated process for identifying medications and reconciling differences with new orders.

Cerner Bridge helps caregivers make the best clinical decisions possible through bar code verification of the “five rights”—right patient, medication, dose, route, and time. Because all checks are completed at the point of care and before medication administration, caregivers are notified of potential errors before they reach the patient.

Other highlights of the Bridge program include: accessing patient files for allergy cross-checks and verification, height, weight and age; checks for high-risk medications; reporting capabilities that track near misses; real time online order confirmation; and online drug references and access.

Key Benefits

• Increase patient safety through reduction of errors in the care process
• Verify the “five rights” through bar code technology
• Standardize documentation, improve workflow and regulatory compliance

Solution at a Glance

Cerner Bridge Medication Administration supports patient safety through:

• Immediate access to patient’s complete administration history
• Hundreds of alerts
• Clinical decision support

Implementation

DeGraff will “go live” in November 2009, with other sites going online sometime in January – June.

Did you know...

Kaleida Health also supports the sharing of health information by interfacing with physician EMR. Kaleida Health has interfaced with 12 Medent physician practices since December 2008. (Medent is the software company for a physician practice.) The current interface includes outpatient lab results performed at a Kaleida Health Facility.

Presently, we are working on a pilot that will transfer results to many different EMR’s and expand the available health information to include all lab, radiology & ECG read/impressions and dictated reports.

For further information please contact Michael Utz at 859-8127 or email meutz@kaleidahealth.org.