

Focus on Patients, not Paperwork

Save Time

Reduce Cost

Increase Revenue

Optimize Care

OncoEMR™

An Oncology-Specific
Web-Based
EMR



Calculate E&M code for a Visit

Back to Visit Note Save Delete

Visit Note (Date/Name) 6/30/2004 7:57:22 PM Visit Note Evaluate

Patient Type Existing

*E&M Score 99215 Calculate Score

Summary: History - Expanded Problem Focused (HPI: Brief, ROS: Complete, PFSH: Complete = 3)
Physical Exam - Comprehensive (5)
Decision Making - High Complexity (5)
Total score of a Established patient - Level 5

Go to section: HPI ROS PMSFSH PE MDM

History of Present Illness

- Location
- Quality
- Severity
- Duration
- Timing
- Context
- Modifying Factors
- Associated Signs/Symptoms

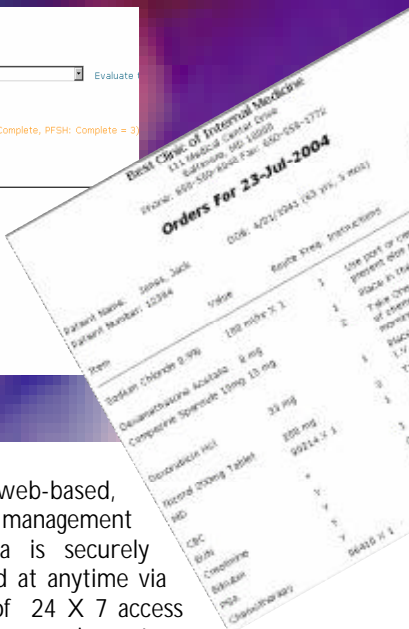
Review of Systems

- Constitutional

Flowsheets

New: Flowsheet, Drug, Test, or Activity

	Fri 07/23/2004	Mon 07/26/2004	Mon 08/02/2004	Tue 08/03/2004	Wed 08/04/2004
Hide CHOP-Rituxan v2.0	1:12	1:15	2:1	2:2	2:3
Cyclophosphamide			930 mg		
Sodium Chloride 0.9%			100 ml/hrX2		
Dexamethasone Acetate			8 mg		
Ondansetron Hcl			8 mg		
Compazine Spansule 15mg			15 mgX2		
Doxorubicin Hcl			78 mg		
Vincristine Sulfate			2 mg		
CBC	*	*	*		
RITUXIMAB			600 mg		
MD			99214X1		
Chemotherapy			96410X1		
PREDNISONE 50MG TABLET			100 mg	100 mg	100 mg
Show Vitals					
Show Lab Results					



OncoEMR is the first web-based, oncology-specific clinical management system. Key patient data is securely available from anywhere and at anytime via the web. Get the benefit of 24 X 7 access without purchasing server equipment or contracting IT support. Using OncoEMR requires a Windows computer running Internet Explorer 6.0 and high-speed internet connection which you most likely already have at both your office and home.

Affordability Without Sacrifice

Since the introduction of the first oncology-specific EMR in 1994 by Vital Software, the price and complexity of EMR systems have continued to creep up. Today, the typical oncology-specific EMR costs over \$200,000 for a 5 physician practice and takes 6-9 months to train and implement, and causes significant disruption in the practice. Because it is web-based, OncoEMR shortens the training and implementation without sacrificing functionality.

Deploying OncoEMR

OncoEMR is available either remotely hosted or installed at your site. Remote Hosting is the most common usage option for OncoEMR. In this mode, users access the application via 128-bit encrypted channel to the Altos Network Operations Center, which is a Class 1 hosting facility that provides 24 X 7 monitoring, nightly backups of all data, automatic performance tuning and load leveling, et. al. Users who prefer to manage their own installation can begin with the Remote Hosting option and then bring the system in-house. You will need to provide a Microsoft IIS web server and a Microsoft "SQL Server" database server. Exact specification for the servers is available from **Altos Solutions**.

Key Benefits of OncoEMR

Saves Time – Designed to automatically create documentation where everything “goes according to plan”, OncoEMR allows you to focus on the situations where something unforeseen occurs – spend time on the *exceptions*, not on the routine! By automatically generating treatment flowsheets, OncoEMR streamlines creation of repetitive treatment documentation, reducing the time spent on tedious tasks. OncoEMR generates the documentation required to support a Level 5 visit note in just 2 clicks!

Reduces Costs – OncoEMR automates creation of daily orders, eliminating manual tasks and freeing clinician/staff time for patient care and education. The sophisticated Visit Note system can eliminate the need for outside transcription services, saving money, time and the need to check and re-check transcribed documents. Of course OncoEMR fully supports transcription services, allowing documents to be imported into the database from anywhere in the world. The physician gets an alert message to check and approve any documents newly imported.

Increases Revenue – OncoEMR increases practice revenue in several ways, including: automatic creation of charge-slips insuring no charges are forgotten. A routine charge-list (superbill) including all JCodes, CPT codes, etc. can be generated in as few as 4 clicks. OncoEMR also features a sophisticated E&M scoring module that will automatically score physician visit documentation, insuring the practice charges the maximum code for which there is documentation.

Optimizes Care – OncoEMR monitors outcomes, provides secure web access to patient records, alerts users of critical indicators, reduces possibility for error, increases time for patient care, and improves patient satisfaction.

This Will Happen to You

You are on call, contacted at 3 a.m. by the ER regarding a patient under the care of one of your partners – how can you quickly get information about this patient that you have never met? Answer: Fire up your internet browser from home, log into OncoEMR and get all the information you need. Problem solved quickly and without leaving home.

Enter/Edit Regimen Details

Back to Regimen List Save Delete New Regimen

Name: AEBVD from Dr. Jones Version: 2.0

Description: Expand

Cycle Lengths and Count (cLen1,cNum1,cLen2,cNum2,...): 26,6

Regimen type: Chemotherapy Pre-Medication Follow-Up

Add: Drug, Test, Activity, Regimen, Link Regimen, Reorder Items

Cycle & Day	Weekday						
	1	2	3	4	5	6	7
Premed Level V	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bleomycin Sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dacarbazine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Doxorubicin Hcl	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vinblastine Sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CBC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chemotherapy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Enter/Edit an Alert Expression

Back to Alert List Save Delete

Name: Elevated Creatinine

Trigger Event: Change Lab Results

Expression: |LR_Creat_value| > 1.5 and |LR_Creat_value| <=""

Message: The creatinine is elevated at |LR_Creat_value|.

Users to Notify: Potter, Sherman

Priority: Low Normal High

Acknowledge: False True

Add to global alert list

Medication Administration Record & Superbill

Orders/Charges for date: 8/6/04 Refresh

Scan through all patients with orders for the date above.

Patient: Bryant, Jane Previous Next

Description	ICD	Planned	Actual	Status
Sodium Chloride 0.9%	174.5	100ml/hrX1	100ml	Complete
Dexamethasone Acetate	174.5	8mg	8mg	Complete
Compazine Spansule 15mg	174.5	15mg	15mg	Complete
Cyclophosphamide	174.5	177mg	177mg	Complete
Fluorouracil	174.5	1062mg	1062mg	Complete
Methotrexate Sodium	174.5	71mg	71mg	Complete

Copy Planned To Actual

Empower Your Treatment Team

The Clinician

OncoEMR empowers nurses to prepare a complete chemotherapy schedule, lab requisition and treatment order ready for review in minutes. Follow-up questions are reduced because order forms are printed and adhere to a standard format. Errors are reduced as flowsheets provide a quick check of your dosing calculations and visit schedule.



Calculations take into account drug tablet sizes and maximum doses. OncoEMR flags drug-drug and drug-allergy interactions. The documentation of the visit is comprehensive and helpful in the event of an insurer audit. The automatically created documentation gives physicians on call, nurses, insurers and patients a clear description of *your* plans. Patient information in OncoEMR can be viewed via the web when you're on call, or at a different office or hospital.

Pharmacist

The Web-based order review provided by OncoEMR means you don't have to wait for the chart. Errors are reduced when accurate and repeatable chemotherapy dose calculations are based on defined regimens. Built-in dosages prevent typing errors. All changes made to a flowsheet are logged to an "audit trail" of each patient's treatment.



The Chemotherapy Nurse

Save time by displaying the entire patient's visit schedule in OncoEMR. Know when the patient is scheduled for each visit and what tests are needed. Reduce the time to prepare a chemotherapy schedule for a patient. Prepare a complete chemotherapy schedule for the entire course of treatment – *with a printed order* – ready for the physician to review and sign in minutes.

OncoEMR prepares Superbills

(Charge Slips) for each patient visit in just 2 clicks!

Web access means the patient chart is always available and new tool training is minimized.

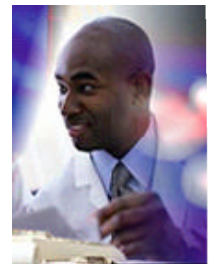


The Patient

The patients become part of the team when they receive their personal flowsheet and other documentation. They benefit from understanding what's happening to them and when... enhancing communication and increasing their feeling of being "in control". This gives them a more positive outlook for their recovery.

Business Manager

Plan staffing needs by producing reports of the chemotherapy scheduled for all patients on any given day using OncoEMR. Lost charges are eliminated by automatically generating the charge slip for the day's treatment. Transcription costs can be reduced or eliminated by using the built-in Visit Note generator. Featuring a sophisticated E&M scoring module, the Visit Note System can insure you bill the maximum visit level to which the practice is entitled.



Medical Decision Making Show

Assessment Show

Problem Status Edit Status of the primary diagnosis, Mal Neo Breast Up-outer (174.4), is Progressive disease.

New Problem/Diagnosis

	Date	Type	ICD	Status	Problem
Edit	2/25/2004	Secondary	308.0	Improved	Anxiety/Depression
Edit	3/3/2004	Primary	174.4	Progressive disease	Mal Neo Breast Up-outer

Patient Tolerance for therapy Edit Patient is tolerating chemotherapy well.

Tolerating Not tolerating Too early Not applicable

Patient benefit Edit Patient appears to be benefiting from the therapy.

Benefiting Not benefiting Too early Not applicable

Enter/Renew a Prescription

Back to Summary

Save

Check Drug Interactions

Check Allergic Reactions

This patient is allergic to PENICILLINS. AUGMENTIN 875-125 TABLET contains an ingredient which is therapeutically equivalent and may cause an allergic reaction.

Type a few characters of the drug name and click Find

Drug Name AUGMENTIN 875-125 TABLET Find

OR select from Category/Name lists

Drug Category PENICILLINS

*Drug AUGMENTIN 875-125 TABLET

OncoEMR Capabilities

- Automate disease staging
- Flowsheet screen shows orders, lab results and vitals—everything you need to make a go/no-go decision on treatment
- Preview planned orders, labs, and vitals
- Create/Edit order sets to easily repeat sets of orders
- Create a complete treatment calendar for the patient
- Linked pre-medication regimens facilitate easy customization of 200 built-in regimens to your practice
- Create your own sophisticated “Alerts” that warn you of out-of-range conditions
- Patient photos improve recognition which increases patient comfort
- Utilize First Data Bank’s 11,000 drug-allergy & drug - drug interaction check, updated quarterly
- Create prescriptions and automatically fax to preferred pharmacy
- Create a “superbill” for each patient’s daily treatment
- Integrated E&M scoring system
- Produce visit notes, referral letters, etc.
- Import external documents (Word, Excel, JPEG, graphics) for complete patient chart documentation
- Web access - no server or software to maintain. Application and data are hosted at our Class I hosting facility, featuring a T-3 high speed connection to the Internet Backbone, high security data storage, daily data backups, automatic load leveling to the web server farm, hardware firewalls, 24 X 7 maintenance, and backup power.
- Complete HIPAA-complaint security and auditing features

OncoEMR brings a whole new level of clinical effectiveness to your practice with these benefits:

Reduces errors

Improves outcomes

Reduces costs

Captures all charges

Improves patient satisfaction

Improves efficiency and productivity

Availability 24 x 7 via the web

A System you can Afford

Focus on Patients, not Paperwork



Altos Solutions was formed from the team that founded Vital Software, the first oncology-specific EMR solution. The Vital products – OncoFlow, OncoStation and OncoManager – were introduced at the Scripps Cancer Conference, La Jolla, CA in January 1994. The goal of Altos Solutions is to deliver a web-based EMR system that is comprehensive, easy to use, and most of all, inexpensive.

Based on this objective and relying on over 10 years of market experience, Altos Solutions created OncoEMR. It can accommodate the complexities of large clinics while catering to the requirements of a single physician practice.

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