

**MEDICAL MOBILE VAN
AND
EHR
(ELECTRONIC HEALTH
RECORD)
“CONNECTING THE DOTS”**

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Medical Mobile Van and EHR

The Medical Mobile Van inputs information into EHR using the following Templates:

- ❖ Pediatric Template – those who are < 19-yrs of age
- ❖ Adult Template – those who are > 19-yrs of age
- ❖ Pediatric/Adult Template
- ❖ Medication Template

Each of the templates is a part in “connecting the dots” and reaching the outcome measures set by the program

Medical Mobile Van and EHR

Charting for the Medical Mobile Van is complex

- ❖ The Medical Mobile Van uses a basic and simple process in seeing a patient
- ❖ The Medical Mobile Van does not have a “one-page” template
- ❖ The medical Provider MUST keep in mind the key areas of “Meaningful Use”

Medical Mobile Van and EHR

- ❖ Key areas are utilized in the template(s) based on the visit
- ❖ Entry and time spent utilizing the three templates can be daunting
- ❖ Patient follow-up to the clinic(s) will collect the information not gathered at the time the patient is seen through the Medical Mobile Van

Medical Mobile Van and EHR

Review of Charles Drew Health Center EHR

Medical Mobile Van and EHR Pediatric Database

NextGen EHR: Test Test DOB: 01/01/1960 AGE: 52 years 4 months (Male) - [04/20/2012 02:15 PM : "Database Peds OW"]

File Edit Default View Tools Admin Utilities Window Help

Logout Save Clear Delete CDHC Mobile Van Weis, Thomas PA Patient History Inbox PAQ EPM ICS Close

Name: Test Test DOB: 01/01/1960 Age: 52 Years Ins: Magellan Behavioral Health
 Provider: Patricia Christopher Sex: Male Date: 04/20/2012 PCP: Maman Ali MD

Pediatric Database Growth Charts: Height/Weight BMI Case Management

New Established
 Visit Type: Office Visit
 Visit Subtype:

Reasons For Visit

#	CC

Problem List - Click to Add or Edit

Problem	Date
Behavior problems	11/21/2011
Adjustment disorder with anxiety	11/21/2011
Attention deficit disorder of childhood with hyper	11/28/2011
Adjustment disorder with anxiety and depression	11/28/2011
Conversion disorder	11/28/2011
Depression	11/28/2011
Bipolar disorder	12/06/2011
Alcohol abuse, episodic use	12/06/2011

Medications No Medications

Brand Name
 LOVASTATIN

Reminders

Allergies NKMA Add allergies

Description	Reaction

Social Hx Family Members Social Hx Details

Name	DOB	Relationship

General History N Y

Pregnancy problems

Birth concerns

Developmental Problems

School problems

Hx Preg/birth/development NB Hx

Lives with Y N N Y

Mother Mother working

Father Childcare

Siblings Type

Other Smoking

Family History Adopted Add / Edit

Condition	History
Colon cancer	sister

Serious Illness

Hospitalizations

Referrals

Specialty	Report Date
Heartland	
Psychology	

Lead

Result	Date	Comments

Hb / Hct

Test	Result	Date

Patient History

- 04/20/2012 0
- 03/12/2012 1
- 03/09/2012 0
- Immuni:
- Data Er
- Docume
- Nurse T
- Nurse T
- Database
- Visit Nc
- owBHD
- owMedi
- owNurs
- owPain
- owRetu
- owVisit
- Problem
- Orders
- 02/27/2012 1
- Adult H

Custom

Ready

Patricia Christopher, MD Community Health Center patriciac CAP NUM SCRL 05/07/2012 10:09 PM 5/7/2012

- Patient Database contains**
- Allergies
 - Social History
 - General History
 - History of Family Member(s)
 - Problem List provides diagnosed history of patient
 - Medication History
 - Referral History
 - Labs order by Provider
 - Surgeries
 - Diagnostic History

Medical Mobile Van and EHR Adult Database

NextGen EHR: Test Test DOB: 01/01/1960 AGE: 52 years 4 months (Male) - [04/20/2012 02:15 PM : "Database Adult OW"]

File Edit Default View Tools Admin Utilities Window Help

CDHC Mobile Van Weis, Thomas PA

Name: Test Test DOB: 01/01/1960 Age: 52 Years Ins: Magellan Behavioral Health
 Provider: Thomas Weis PA Sex: Male Date: 04/20/2012 PCP: Maman Ali MD

Adult Database

New Established

Visit Type: Office Visit
 Visit Subtype:

Reasons For Visit

#	CC

Problem List - Click to add or edit

Problem	Date	R
Behavior problems	11/21/2011	
Adjustment disorder with anxiety	11/21/2011	
Attention deficit disorder of childhood with hyper	11/28/2011	
Adjustment disorder with anxiety and depression	11/28/2011	
Conversion disorder	11/28/2011	
Depression	11/28/2011	
Bipolar disorder	12/06/2011	
Alcohol abuse, episodic use	12/06/2011	
Insomnia	12/06/2011	
Dysthymia	12/09/2011	
High risk sexual behavior	12/09/2011	
Alcohol abuse, continuous use	12/13/2011	

Medications No Medications

Medication
LOVASTATIN

Family Hx Adopted **Add / Edit**

Condition	Family Members
Colon cancer	sister

Referrals - right click to add new / double click to edit existing

Specialty	Service Date	Assessment / Plan
ENT		
LRC		
Psychology		

Flowsheets

Flowsheet
Depression
Diabetes

Adult Database contains

- Reason for visit
- Allergies
- Social History
- Problem List
- Medication List
- Family History
- Social History
- Last Vitals
- Referrals
- Flow Sheets
- Surgeries
- Diagnostics

Windows Taskbar: You Are AWESOME | Charles Drew Community Health Center | patricia | CAP | NUM | SCR | 05/07/2012 10:19 PM 5/7/2012

Medical Mobile Van and EHR Pediatric/Adult Visit Note

Pediatric/Adult Visit Note

Page 1

- Type of Visit
- Vitals
- Reason for Visit "CC"
- Risk Modifiers
- Problem List (Diagnosis)
- Clinic Reminders

Page 2 - Questions

#	Category	AbN	Question	Answer	Plan	Plan Text
1.00	General	u	Hospital or ER visit			
2.00	General	u	Current smoking			

Medical Mobile Van and EHR Pediatric/Adult Visit Note

NextGen EHR: Test Test DOB: 01/01/1960 AGE: 52 years 4 months (Male) - [04/20/2012 02:15 PM : "Visit Note"]

File Edit Default View Tools Admin Utilities Window Help

CDHC Mobile Van Weis, Thomas PA Patient History Inbox PAQ EPM ICS Close

Adjustment disorder with anxiety and depression
Depression
Alcohol abuse, episodic use

Page 2 - Questions Select to Add / Remove from Plan Toggle Answer All Normal ? Hx

#	Category	AbN	Question	Answer	Plan	Plan Text
1.00	General	u	Hospital or ER visit			
2.00	General	u	Current smoking			
3.00	General	u	Currently in pain			
4.00	General	u	Decreased mood			
5.00	General	u	Decreased Pleasure			
6.00	General	u	Taking medications			
7.00	General	u	Allergies			
8.00	General	u	Currently exercising			
9.00	General	u	Low blood sugars			
10.00	ROS	u	Blurred vision			
11.00	ROS	u	Cough			
12.00	ROS	u	Chest pain			
13.00	ROS	u	Frequent urination			
14.00	ROS	u	Polydipsia			

Question Comments

**Pediatric/Adult Visit Note
Page 2**

- Questionnaire (used when patient is seen in clinic)

Patient History

- 04/20/2012 0
 - Databa:
 - Visit Nc
- 03/12/2012 1
 - Rx Medical
- 03/09/2012 0
 - Immun:
 - Data Er
 - Nurse F
 - Docum:
 - Nurse T
 - Visit Nc
 - Databa:
 - owBHD
 - owMedi
 - owNurs
 - owPain
 - owRetu
 - owVisitl
 - Problem
 - Orders
- 02/27/2012 1

Ready You Are AWESOME Charles Drew Community Health Center patricia CAP NUM SCRL 05/07/2012 10:28 PM 5/7/2012

Medical Mobile Van and EHR Pediatric/Adult Visit Note

NextGen EHR: Test Test DOB: 01/01/1960 AGE: 52 years 4 months (Male) - [04/20/2012 02:15 PM : "Visit Note"]

File Edit Default View Tools Admin Utilities Window Help

CDHC Mobile Van Weis, Thomas PA

Page 3 - HPI HPI Hx

Chief Complaint Save Delete HPI Popup Undo

HPI

#	Chief Complaint	HPI

Positive ROS +

Patient c/o of ...

The and
it comma
Time period

Symptom

Patient History

04/20/2012 0
03/12/2012 1
03/09/2012 0
02/27/2012 1

Custom

Ready You Are AWESOME Charles Drew Community Health Center patricia CAP NUM SCRL 05/07/2012 10:33 PM 5/7/2012

Medical Mobile Van and EHR Pediatric/Adult Visit Note

NextGen EHR: Test Test DOB: 01/01/1960 AGE: 52 years 4 months (Male) - [04/20/2012 02:15 PM : "Visit Note"]

File Edit Default View Tools Admin Utilities Window Help

CDHC Mobile Van Weis, Thomas PA

Logout Save Clear Delete Patient History Inbox PAQ EPM ICS Close

Page 4 - Physical Exam Normal Clear All N = Normal C = Clear E = Expand Anatomy Images

Expanded View of

Constitutional	N	C	E
Head / Face / Hair	N	C	E
Eyes	N	C	E
Ears	N	C	E
Nose / Mouth / Throat	N	C	E
Neck / Thyroid	N	C	E
Lymphatic	N	C	E
Breast	N	C	E
Respiratory / Thorax	N	C	E
Cardiovascular	N	C	E
Vascular	N	C	E
Abdomen	N	C	E
Genitourinary	N	C	E
Rectal	N	C	E
Skin	N	C	E
Back / Spine	N	C	E
Musculoskeletal	N	C	E
Extremities	N	C	E
Neurological	N	C	E
Psychiatric	N	C	E

Physical Exam
Page 4

- System Review
 - Can be written
 - Can be chosen from designated indicators relating to the specific review of system

Patient History

04/20/2012 0
03/12/2012 1
03/09/2012 0
02/27/2012 1

Custom

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Medical Mobile Van and EHR Pediatric/Adult Visit Note

NextGen EHR: Test Test DOB: 01/01/1960 AGE: 52 years 4 months (Male) - [04/20/2012 02:15 PM : "Visit Note"]

File Edit Default View Tools Admin Utilities Window Help

Logout Save Clear Delete CDHC Mobile Van Weis, Thomas PA Patient History Inbox PAQ EPM ICS Close

Page 5 - Education - select if addressed **Addressed All** **All**

Category	Education	Addressed
Health Maintenance	Aspirin prophylaxis	
Health Maintenance	Healthy diet and regular exercise	
Health Maintenance	Maintaining a healthy weight	
Health Maintenance	Regular dental care	

Educ. Category

- All
- Abnormal
- UnAnswered
- Health Maintenance

Additional Education Covered

Self-Management Goal History **New Goal**

Date	Goal	Staff Name
04/20/2012	patient is still working on positive self-talk	Pat Christopher
03/12/2012	Decrease eating icecream at night	Pat Christopher
02/26/2012	Improve self-care	Pat Christopher

Page 6 - Assessments & Plans **In House Meds** **Labs** **Referrals** **Studies** **Meds**

Edit Plans

Quick Text
ER warning signs given
call if symptoms worsen or persist

Patient Education Page 5

- Education (Provided to Patient)
- Additional Education
- Self-Management History

Patient History

- 04/20/2012 0
 - Database
 - Visit Note
- 03/12/2012 1
 - Medical
- 03/09/2012 0
 - Immunization
 - Data Entry
 - Documentation
 - Nurse F
 - Nurse T
 - Database
 - Visit Note
 - owBHD
 - owMedi
 - owNurs
 - owPain
 - owRetu
 - owVisitl
 - Problem
 - Orders
- 02/27/2012 1

Custom

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Medical Mobile Van and EHR Pediatric/Adult Visit Note

NextGen EHR: Test Test DOB: 01/01/1960 AGE: 52 years 4 months (Male) - [04/20/2012 02:15 PM : "Visit Note"]

File Edit Default View Tools Admin Utilities Window Help

CDHC Mobile Van Weis, Thomas PA Patient History Inbox PAQ EPM ICS Close

Page 6 - Assessments & Plans In House Meds Labs Referrals Studies Meds

Quick Text
ER warning signs given
call if symptoms worsen or persist
increase fluids
reassurance given
observe

#	Assessment	Plan	CP
---	------------	------	----

Follow-up
 PRN Date / /
Reason
Other Followup

PT Summary
Med List Checkout

Stop Time / /

Detailed document Show
 Reviewed, no changes Document
 History unobtainable

Sign and Print / /

Send to Cosign EM Coding

Submitted EM Code

Assessment and Plans
Page 6

- Type of Assessment
- Plans related to Assessment
- In-House Labs
- Labs (outside Laboratory)
- Referrals
- Studies
- Medication (Mgmt)
- Follow-up Visit
- EM Coding
- Sign and Print

Patient History

04/20/2012 0
03/12/2012 1
03/09/2012 0
02/27/2012 1

Custom

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Medical Mobile Van and EHR Medication Template

The screenshot displays the NextGen EHR interface. At the top, the patient information is: "NextGen EHR: Test Test DOB: 01/01/1960 AGE: 52 years 4 months (Male) - [Medications Module]". The patient is identified as "52 year Old Male Weighing 98.00 lb | 44.45 Kg" with "No eligibility status".

The main window shows a list of medications:

Status	Medication Name	Generic Name	Start Date	Stop Date	Sig
Status: Active (1 item)					
Active	lovastatin 20 mg Tab	LOVASTATIN	10/14/2010		take 2 Tablet (40MG) by oral route every da...
Status: Inactive (3 items)					
Inactive	Cipro 500 mg Tab	CIPROFLOXACIN HCL	3/12/2012	03/12/2012	Single in house dose given
Inactive	gentamicin 0.1 % Ointment	GENTAMICIN SULFATE	12/27/2011	01/02/2012	apply by topical route 2 times every day for ...
Inactive	Celexa 10 mg Tab	CITALOPRAM HYDROBROMIDE	12/13/2011	01/13/2012	take 1 tablet (10MG) by oral route every day

The detailed view for "lovastatin 20 mg Tab" shows the following information:

- Sig:** take 2 Tablet (40MG) by oral route every day in the evening Remove Sig
- Quantity:** [] Units: [] Refills: 0
- Start:** 10/14/2010 **Stop:** 05/07/2012 **Duration:** []
- Comments:** This field is for nonclinical comments to the pharmacist. Any additional clinical instructions for this prescription should be added using the "Additional Instructions" segment of the Sig Builder.
- Provider:** Gatin, Debra Ann
- Location:** Northwest High School
- Formulary Data:** Last Renewed: [] Times Renewed: [] Full History [DUR History](#) [Dispense History](#) [Additional Prescription Detail](#)

Buttons for "Accept" and "Cancel" are visible. The status "Has Been Dispensed" is shown in the top right of the detail view.

Medications are ordered for the patient through the "Medication Template"

- The patient will need to be registered
- The Visit Note will need to be generated

Medical Mobile Van and EHR “Connecting the Dots”

The length of time spent in charting on patients seen on the Medical Mobile Van can vary as described by the medical Provider

- ▣ Creating a simple one-page form which acts as a “triage” medical Provider template would be ideal
 - ❖ Collects and logs the “key” components of the visit, and
 - ❖ Joins the information gathered into the patient’s on-going medical history

Medical Mobile Van and EHR “Connecting the Dots”

Demographic and medical information that is collected is displayed in daily, weekly, bi-weekly and monthly reports:

- ❖ Key components for UDS are collected
- ❖ Number of registered patients;
- ❖ Number of “kept” appointments
- ❖ Types of diagnosis (seen on the Medical Mobile Van)
- ❖ Number of prescriptions ordered
- ❖ Types of labs, procedures, and referrals

Medical Mobile Van and EHR “Connecting the Dots”

Outcome Measures –

- ❖ What was expected?
- ❖ What was achieved?
- ❖ Are targets reached?
- ❖ Review quarterly – determine action to be taken (if necessary)
 - PDSA initiated
- ❖ Initiate change where necessary

Medical Mobile Van and EHR

Questions?