

RPMS

Behavioral Health System (BHS)

&

Electronic Health Record (EHR):

Options for BH Providers

Indian Health Service
Office of Information Technology

March 2014

BHS v4.0 Functional Overview

- Designed specifically to support the unique business processes and clinical workflow of BH providers
- Stand alone yet integrated with other RPMS applications
 - Appointment, medication, lab and other clinical information is visible in BHS
 - Visit related information from BHS can populate the EHR, Health Summary and other applications
 - Clinical notes do not pass to the EHR or PCC (Patient Care Component)
- Supports billing for BH services
 - BHS Visit data can be passed to PCC which interacts with Third Party Billing and Accounts Receivable applications

BHS v4.0 Clinical Documentation

- Individual face-to-face encounters
 - Purpose of Visit (POV), DSM codes, Clinical Notes, Problem List (BH), Patient Education, Health Factors, Exam Codes, Measurements, Activity Time, CPT codes and Suicide Reporting Form (SRF)
- BH and PCC Problem List Updates
- Group Encounters
- Treatment Planning
- Intake/Assessment
- Case Management
- Suicide Reporting Forms
- Reports
- Community & Administrative Activities

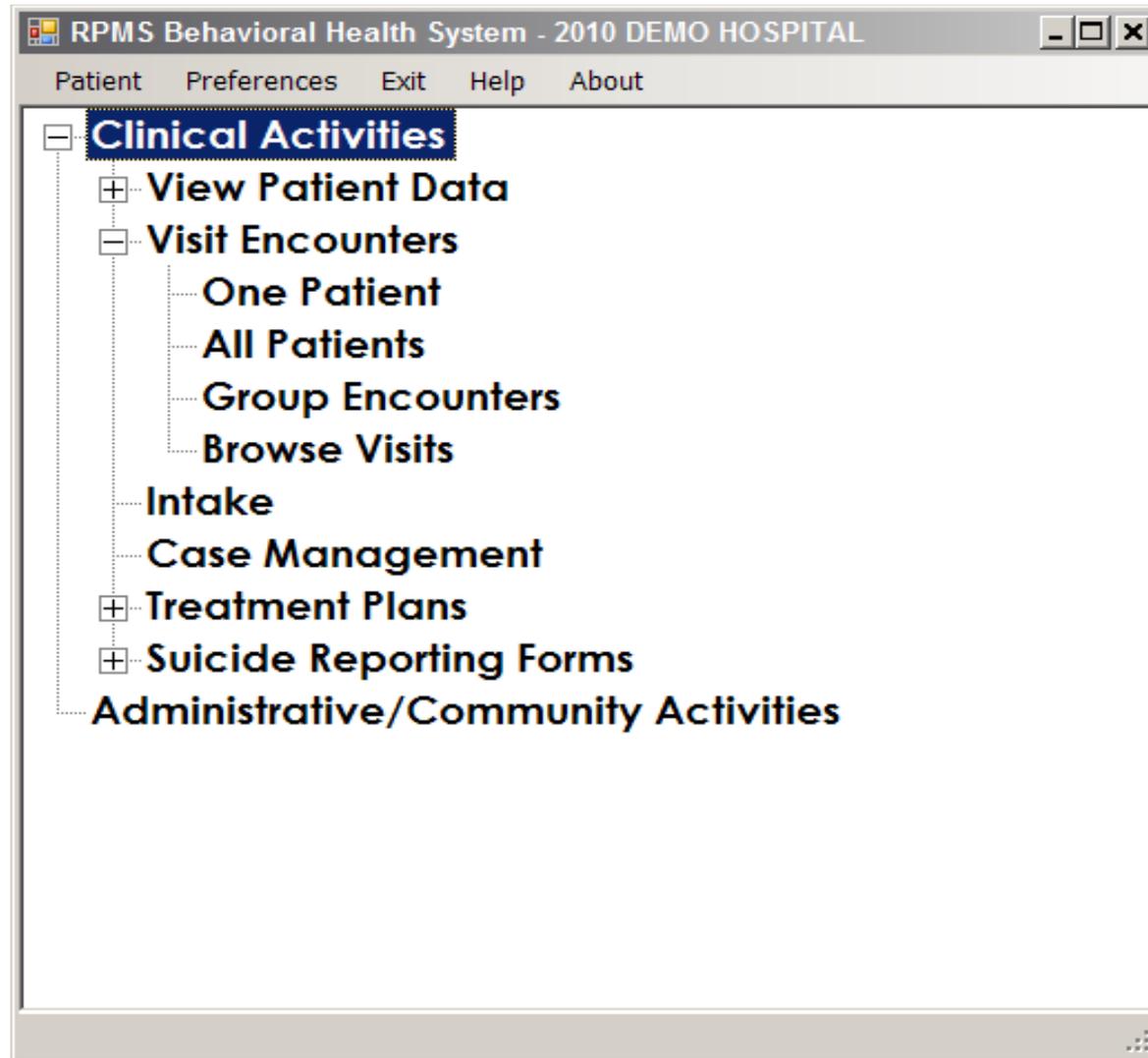
BHS & EHR Functional Differences

- DSM codes for POV in BHS; ICD in EHR
- BHS does not have the following features commonly used by EHR providers:
 - Order Entry
 - Medications, labs, radiology
 - Clinical Note Templates
 - Pick Lists
 - Consults
 - Alerts and Notifications
 - BHS does have some “passive” reminders but most require the user to run a report

Access to BHS Clinical Information

- Access is controlled by Security Keys
 - Only BH providers are allocated BHS keys
- Privacy and Confidentiality Features
 - Options to pass BHS data to PCC (all, some or none)
 - Providers can be limited to viewing their data only
 - Providers can be restricted by Location
 - Notes can be locked down by Electronic Signature (BHS notes never visible in EHR or PCC)
 - Sensitive Patient Tracking

BHS v4.0 Main Menu Tree



EHR for BH Providers Overview

- The use of the EHR by BH providers supports the integrated Primary and Behavioral Health care model extremely well.
 - The integrated care team must work closely with CACs and HIM staff to develop local business processes and guidelines.
 - Patients must be made aware of the integrated system of care and integrated health record.
 - BH providers have complete access to medical information.
 - BH clinical notes may be viewed by the entire integrated care team.
 - Access to BH and medical information is still governed by the “need to know.”

EHR BH Visit Entry

- Access to electronic order entry of medications, labs, and radiology for prescribing BH providers
- Access to other advanced EHR features: note templates, reminders, consults & notifications.
- Facilities can use a combination of EHR and BHS v4.0 (requires application set-up) or EHR alone.
 - BH visits entered in the EHR will also display in BHS v4.0.
- EHR does not currently have the following features commonly used by BHS providers:
 - Group Entry, Treatment Planning, Case Management
 - Community and Administrative Activities
 - DSM codes
- Sites can choose to run BH reports from BHS or PCC reports modules, or a combination of both.

EHR Screenshot

RPMS-EHR GARCIA,RYAN

User Patient Tools Help Clear

PRIVACY PATIENT CHART RESOURCES SUICIDE FORMS

Patient not selected Visit not selected GARCIA,RYAN Primary Care Team Unassigned Visit Summary No Postings

NOTIFICATIONS REVIEW VITALS CC / PROBS MEDS LABS REPORTS ORDERS WELLNESS IMMUNIZATIONS POV

Active Problems			Appointments/Visits			Recent Labs		
Problem ▲	Date		Appointme...	Date ▼	Status	Lab Order ▼	Status	Date

Medication List		
Medication	Status	Issue Date ▼

Status: All Active Inpatient/Outpatient: All Out In

Reminders		Adverse Reactions		Alerts
Reminder ▲	Date	Agent ▲	Reaction	Alert ▲

GARCIA,RYAN DEMO.OKLAHOMA.IHS.GOV DEMO INDIAN HOSPITAL

When is an EHR Visit a BH Visit?

- The EHR visit will pass to PCC and AMH databases (and display in BHS v4.0) if the visit was created using one of the following Clinic Codes:
 - 14 MENTAL HEALTH
 - 48 MEDICAL SOCIAL WORK
 - 43 ALCOHOL AND SUBSTANCE ABUSE
 - C4 BEHAVIORAL HEALTH
 - C9 TELEBEHAVIORAL HEALTH
- *Or* if any of the providers on the visit (primary or secondary) are included in the list of BH providers in the new BH PROVIDER CLASS CODE data dictionary

BH Provider Class Codes

- MEDICAL SOCIAL WORKER 06
- PSYCHOLOGIST 12
- MENTAL HEALTH TECHNICIAN 19
- ALCOHOLISM/SUB ABUSE COUNSELOR 48
- CONTRACT PSYCHIATRIST 49
- CONTRACT PSYCHOLOGIST 50
- LICENSED MEDICAL SOCIAL WORKER 62
- CONTRACT SOCIAL WORKER 63
- PSYCHIATRIST 81
- PSYCHOTHERAPIST 92
- MENTAL HEALTH (BA/BS ONLY) 94
- MENTAL HEALTH (MASTERS ONLY) 95
- FAMILY THERAPIST 96
- DOMESTIC VIOLENCE COUNSELOR A7
- BEHAVIORAL HEALTH STUDENT C5
- BEHAVIORAL HEALTH AIDE/PRACTITIONER C9
- BEHAVIORAL HEALTH NURSE PRACTITIONER D1
- BEHAVIOR ANALYST D2

Clinical/Progress Notes in BHS

- Clinical notes are documented in a basic word processing field.
- Notes can be created in a Word document and copied and pasted into the note field.
 - Complex formatting is not supported
- BHS Cannot support templates
- Clinical notes can be electronically signed but once signed cannot be edited or appended
- Notes entered in BHS do not display in EHR or PCC.
- Chief Complaint field in BHS does not populate the CC field in the EHR.

BHS v4.0 Progress Notes Tab

POV | Activity | SOAP/Progress Notes | Rx Notes/Labs | Wellness | Measurements | Intake | Suicide Form

Chief Complaint/Presenting Problem

Progress Notes

Comment/Next Appointment

Placement Disposition  Placement Name

 Help  Save  Close

DEMO,BOBBIE 176224 F 06/03/1970 41 Loaded ...

Clinical/Progress Notes in EHR

- Clinical notes are recorded in EHR using note templates.
 - TIU component
 - Templates built by SMEs and local CAC (see EHR ftp site)
- Clinical notes can include a co-signature.
- A single visit in the EHR can have one note and multiple addenda associated with it.
- All TIU notes and addenda pass to BHS as long as the link between the two applications is turned on.

Clinical Note in EHR

Template: Psychiatric Progress Note

PSYCHIATRIC PROGRESS NOTE (Click here to begin template)

DEMOGRAPHICS:
Client Name: DEMO,DUCK
Client Age: 36
Client Gender: MALE
Date of Assessment: 20-Oct-2011 ...
Provider: _____

INTERIM HISTORY (History of recent psychosocial and physical events):

PSYCHOMETRIC SCALES:
GLOBAL IMPROVEMENT RATING: Rate total improvement.
Compared to client's condition at admission to the Service,
how much has client changed? _____ ▾

MEDICAL CONCERNS: Last HT: None found Last Weight: None found

CURRENT MEDICATIONS: Active Outpatient Medications (including Supplies):

← _____ →

All None Indicates a Required Field Preview OK Cancel

Access to EHR TIU BH Notes

- Access to clinical BH TIU notes is based on user class and document class.
- Business rules for access are set at the local level to meet facility clinical and Health Information Management (HIM) business process needs.
- A two-tiered system of access is suggested as a national recommendation for BH document classes (see EHR ftp site).

TIU Business Rules: BH Provider Class

- The EHR BH Provider Class will typically consist of the following type of providers:
 - Psychiatrists, psychologists, marriage/family and professional counselors, clinical independent social workers, BH nurse practitioners and nurses, medical social workers, social work aides, behavioral health practitioners, and others

General TIU BH Note Business Rules

- Unsigned Notes
 - Only the author (and Management Information System [MIS] chief) can view, edit, sign, or print unsigned BH notes
- MIS Chief
 - The MIS chief has access to all BH Tier I and Tier II notes, signed or unsigned

TIU BH Notes and BHS

- EHR BH TIU notes will display in BHS v4.0 if:
 - The user has the appropriate keys to view TIU notes
 - The note has been signed by the author, or the user is the author of the note
- TIU notes may only be edited or inactivated in EHR – they cannot be modified in BHS

Deleting Visits in BHS

- Programs are encouraged to develop local policies for record deletion
- AMH Delete key
 - Can delete unsigned records
- AMH Delete Signed Note key
 - Can delete visits with signed notes
 - Can delete signed Intake/Assessment documents
- Allocation of Delete keys
 - Restricted to Clinical Supervisors/Team Leads and Medical Records (HIM) Lead

Deleting Visits in EHR

- Visits in EHR cannot be deleted by users
 - Requests for visit deletion are handled through Medical Records
 - Visits with TIU notes cannot be deleted—only inactivated
- EHR BH visits displayed in BHS cannot be deleted (even if the user has the AMH delete keys)

Editing EHR BH Visits in BHS

- Certain items that are routinely captured in BHS v4.0 cannot be entered in EHR.
- If desired, the BH EHR visit can be modified in BHS v4.0 to include the following:
 - Community of Service
 - Activity Type – EHR BH visits defaults to 99
 - If a specific Activity Code is desired, for example 12 Assessment/Evaluation, this field can be modified in the BH applications.
 - Appointment or Walk-In
 - Placement Disposition
 - Local Service Site
 - Visit Flags

BH-related Measurements

- The V (Visit) Measurement component includes several BH-related measurements.
- These measurements are available in BHS and EHR (the EHR CAC must load the component).
- Depression Screening and Outcomes
 - PHQ2, PHQ9, and PHQT
- Alcohol Screening
 - AUDIT and AUDIT-C
 - CRAFFT (Adolescents)

Measurements Tab in BHS v4.0

POV | Activity | SOAP/Progress Notes | Rx Notes/Labs | Wellness | **Measurements** | Intake | Suicide Form

Measurement View

Measurement History

Starting Date: Ending Date:

Date	Measurement	Description	Value	Provider
08/03/2011	ED	EDEMA	0	GARCIA,RYAN

Measurement Data Entry

Measurement	Description	Value	Provider

Measurement Type Value

Provider

Measurement Entry in EHR

Default Units	20-Oct-2011 11:51	Range	Units
<input checked="" type="radio"/> Temperature			F
<input type="radio"/> Pulse		60 - 100	/min
<input type="radio"/> Respirations			/min
<input type="radio"/> Blood Pressure		90 - 150	mmHg
<input type="radio"/> Height			in
<input type="radio"/> Weight			lb
<input type="radio"/> Head Circumference			in
<input type="radio"/> Pain			
<input type="radio"/> PHQ2			
<input type="radio"/> PHQ9			
<input type="radio"/> Crafft			
<input type="radio"/> Audit			
<input type="radio"/> Audiometry			
<input type="radio"/> Asq - Questionnaire (Mos)			
<input type="radio"/> Asq - Fine Motor			
<input type="radio"/> Asq - Gross Motor			
<input type="radio"/> Asq - Language			
<input type="radio"/> Asq - Problem Solving			
<input type="radio"/> Asq - Social			
<input type="radio"/> Cardiac Ejection Fraction			
<input type="radio"/> Asthma Symptom Free Days			
<input type="radio"/> Asthma Work/School Days Missed			
<input type="radio"/> Edema			

New Date/Time OK Cancel

BH Visit Element: Activity Time

- Required field in BHS
 - If Activity Time is not entered in EHR, the EHR BH visit will not pass to BHS.
 - Activity Time component in EHR is used mostly by BH providers and Public Health Nurses.
 - Travel Time is not required for BH providers
 - Activity Time component is often found in EHR on the Services (or Super Bill) tab.
 - An informational alert will appear on the Notifications tab in the EHR for BH Visits that are missing the Activity Time field.
 - Once Activity Time is entered, the user must manually delete the notification.

Current Application Versions and Exports

- Applications
 - AMH v4.0 Patch 4 (BHS)
 - EHR v1.1 Patch 12
- Exports
 - **Sites will need to do the monthly BHS (AMH) export regardless of whether they use BHS or EHR.**
 - Sites using EHR will also need to do the NDW/PCC export.
 - National BH reports are run from the BHS (AMH) and NDW/PCC databases.

Useful Links

- Websites

- Integrated Behavioral Health

<http://www.ihs.gov/bh>

- EHR Website

<http://www.ihs.gov/ehr>

- EHR FTP Site:

<ftp://ftp.ihs.gov/pubs/EHR>

- Listservs

- BHS: http://www.ihs.gov/listserv/topics/signup/?list_id=172
- EHR: http://www.ihs.gov/listserv/topics/signup/?list_id=73