

THE INDIAN HEALTH SERVICE



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RPMS Program Manager, IHS OIT

Superior Health Information Management
Now and for the Future

VistA Community Meeting

January 12, 2008

Update Topics

- EHR v1.1 and Patch 1
- CCHIT Certification
- GUI Scheduling
- RPMS Well Child Module
- RPMS Obstetrical Care Module
- iCare Updates

EHR v1.1

- Released October 2007
- Content presented at last conference
 - Medication management, GUI configuration, education enhancements, info button
- Patch 1 pending
 - Minor enhancements & bug fixes
- Next version – CCHIT-related enhancements

RPMS CCHIT Certification

- OMB Scorecard requirement for RPMS to be certified by CCHIT
- Certifying under 2007 ambulatory criteria
 - Application due end March 2008, certification by June 30
- Numerous enhancements developed
- Principal pending enhancement – e-Prescribing

Search for Note by Diagnosis

List Selected Documents

Status Max Number to Return

Signed documents (all)

File View Action Options

All Signed Notes

- All signed notes
 - Nov 07,07 GENERAL V
 - Nov 07,07 NOTE WITH
 - Oct 19,07 NOTE WITH BOIL
 - Apr 07,04 VISIT NOTE, ** N
 - Apr 07,04 ADVANCE DIREC
 - Apr 07,04 ADVANCE DIREC

All signed notes where DIAGNOSIS contains "250.00"

Date	Title	Author	Location
Nov 07,07	GENERAL VISIT	User,Power	ADULT CARDIOLOGY
Nov 07,07	NOTE WITH BOILERPLATE	User,Power	ADULT WALKIN

TITLE: GENERAL VISIT
DATE OF NOTE: NOV 07, 2007@11:36 ENTRY DATE: NOV 07, 2007@11:36:58
AUTHOR: USER,POWER EXP COSIGNER:
URGENCY: STATUS: COMPLETED

TEST

/es/ POWER USER

Signed: 11/07/2007 11:38

/ Templates

New Note

Outside Meds & On-Demand Order Checks


File View Action

Active Only Chronic Only 180 days Pr

Action	Chronic	Outpatient Medication
		BUPROPION 75MG TAB Qty: 30 Sig: TAKE ONE (1) TABLET BY MOUTH TWICE A DAY
		DIGOXIN 0.125MG TAB*** Qty: 30 Sig: TAKE ONE (1) TABLET BY MOUTH DAILY
		IBUPROFEN 200MG TAB*** Qty: 30 Sig: TAKE ONE (1) TABLET BY MOUTH THREE TIMES A DAY AS NEEDED TO RELIEVE PAIN - **TAKE WITH FOOD
		LEVOTHYROXINE 0.025MG TAB Qty: 30 30 days Sig: TAKE ONE-HALF (1/2) TABLET BY MOUTH DAILY AS A THYROID SUPPLEMENT - 30 MINUTES BEFORE BREAKFAST
Action		ACETAZOLAMIDE 250MG TAB Qty: 30 250MG BY MOUTH TWICE A DAY recommended by provider. Patient has another provider.
		DIGOXIN 0.125MG TAB*** Qty: 30 0.125MG BY MOUTH DAILY
		LEVOTHYROXINE 0.025MG TAB Qty: 30 0.025MG BY MOUTH DAILY
		LEVOTHYROXINE 0.025MG TAB Qty: 30 0.0125MG BY MOUTH DAILY
		PIOGLITAZONE 30MG TAB*** Qty: 30 30MG BY MOUTH DAILY Outpatient Medication

Order Checks

- Duplicate order: Outside Med LEVOTHYROXINE TAB 0.025MG TAKE ONE (1) TABLET BY MOUTH DAILY Sep 01, 2007 Medication prescribed by another provider.
- Duplicate order: Outside Med DIGOXIN TAB 0.125MG TAKE ONE (1) TABLET BY MOUTH DAILY Medication prescribed by another provider. [ACTIVE]
- Duplicate order: DIGOXIN TAB 0.125MG TAKE ONE (1) TABLET BY MOUTH DAILY [ACTIVE]
- Duplicate order: LEVOTHYROXINE TAB 0.025MG TAKE ONE-HALF (1/2) TABLET BY MOUTH DAILY AS A THYROID SUPPLEMENT - 30 MINUTES BEFORE BREAKFAST [ACTIVE]
- SIGNIFICANT drug-drug interaction: DIGITALIS & IBUPROFEN (DIGOXIN TAB 0.125MG TAKE ONE (1) TABLET BY MOUTH DAILY [ACTIVE])
- SIGNIFICANT drug-drug interaction: DIGITALIS & IBUPROFEN (Outside Med DIGOXIN TAB 0.125MG TAKE ONE (1) TABLET BY MOUTH DAILY Medication prescribed by another provider. [ACTIVE])
- SIGNIFICANT drug-drug interaction: DIGITALIS & LEVOTHYROXINE SODIUM (DIGOXIN TAB 0.125MG TAKE ONE (1) TABLET BY MOUTH DAILY [ACTIVE])
- SIGNIFICANT drug-drug interaction: DIGITALIS & LEVOTHYROXINE SODIUM (Outside Med DIGOXIN TAB 0.125MG TAKE ONE (1) TABLET BY MOUTH DAILY Medication prescribed by another provider. [ACTIVE])
- SIGNIFICANT drug-drug interaction: DIGITALIS & IBUPROFEN (IBUPROFEN TAB 200MG TAKE ONE (1) TABLET BY MOUTH THREE TIMES A DAY AS NEEDED TO RELIEVE PAIN - **TAKE WITH FOOD [ACTIVE])



Clinical Indication for Med Orders

Medication Order [Close]

METRONIDAZOLE TAB [Change]

Dosage Complex

Dosage	Route	Schedule
250MG	ORAL	5-TIMES/DAY <input type="checkbox"/> PRN
250MG 0.002	ORAL	1-HOUR-BEFORE VISIT
250MG 0.0098		5-TIMES/DAY
500MG 0.004		AC
500MG 0.0196		AC&HS
		BID
		DAILY
		FR
		HS
		MN

Comments:

Days Supply: 30 Qty (TAB): 240 Refills: 0 Clinical Indication: [Dropdown] Chronic Med Priority: ROUTINE

Pick Up: Clinic Mail Window Electronic Pharmacy: [Text Box]

- AVOID ALCOHOL

METRONIDAZOLE TAB 250MG
TAKE ONE (1) TABLET BY MOUTH FIVE TIMES DAILY - AVOID ALCOHOL
Quantity: 240 Refills: 0 Chronic Med: NO

[ADR's] [Accept Order] [Quit]

Faxing and E-Prescribing

Medication Order [Close]

METRONIDAZOLE TAB [Change]

Dosage Complex

Dosage	Strength
250MG	0.002
250MG	0.0098
500MG	0.004
500MG	0.0196

Route
ORAL
ORAL

Schedule
5-TIMES/DAY PRN
1-HOUR-BEFORE VISIT
5-TIMES/DAY

Comments:

Days Supply: 30 | Qty (TAB): 240 | Refills: 0 | Clinical Indication: [Dropdown] | Chronic Med: | Priority: ROUTINE

Pick Up: Clinic Mail Window Electronic

Pharmacy: [Text Field]

- AVOID ALCOHOL

METRONIDAZOLE TAB 250MG
TAKE ONE (1) TABLET BY MOUTH FIVE TIMES DAILY - AVOID ALCOHOL
Quantity: 240 Refills: 0 Chronic Med: NO

[ADR's] [Accept Order] [Quit]

Select a Pharmacy [Close]

Select a pharmacy to receive the prescription request.

Pharmacy	Address	City	State	Zip Code	Fax #	Voice #
CVS	1234 Yellowbrick Road	Carmel	IN	46135	3175551212	3175551212
WALGREEN	348 North Meridian St. Suite 300	INDIANAPOLIS	IN	46202	3179348348	3179398834

[OK] [Cancel]

Visit Summaries by Date Range

Available Reports

- Allergies
- [-] Patient Information
- [-] Visits / Admissions
 - Adm./Discharge
 - Expanded ADT
 - Discharge Diagnosis
 - Discharges
 - Future Clinic Visits
 - Past Clinic Visits
 - ICD Procedures
 - ICD Surgeries
 - Transfers
 - Treating Specialty
 - Visit Summary
 - Visit Summary (Brief)
 - Visit Summaries
 - Comp & Pen Exams
- [-] Dietetics
- [-] Discharge Summary
- [-] Laboratory

Date Range

Date Range...

- Today
- One Week Back
- Two Weeks Back
- One Month Back
- Six Months Back
- One Year Back
- T-7 to T

Visits / Admissions Visit Summaries [From: Nov 09,2007 to Nov 09,2007]

CLINIC: ADULT CARDIOLOGY LOC. OF ENCOUNTER: TUBA CITY HO

VISIT/ADMIT DATE&TIME: 09-Nov-2007 12:00 ENCOUNTER PROVIDER(s): USER,POWER(P)

----- ORDERS -----

ORDER #: 112635 STATUS: ACTIVE
START: STOP:
COTRIMOXAZOLE 800/160MG TAB**
TAKE ONE (1) TABLET BY MOUTH TWICE A DAY TILL ALL GONE FOR INFECTION
Quantity: 5 Refills: 0 Indication: Diabetes Mellitus Without Mention Of Com...

ORDER #: 112634 STATUS: PENDING
START: STOP:
ACETAZOLAMIDE CAP,SA 500MG
TAKE ONE (1) CAPSULE BY MOUTH TWICE A DAY
Quantity: 60 Refills: 0 Indication: Diabetes Mellitus Without Mention Of Com...

CLINIC: 6 WKS WBC LOC. OF ENCOUNTER: TUBA CITY HO

VISIT/ADMIT DATE&TIME: 09-Nov-2007 12:00

Report Annotation

Available Reports

- Outpatient Encounters
- Pharmacy
- Problem List
- Progress Notes
- Radiology
 - Report
 - Status
 - Imaging (local only)
 - Imaging
- Surgery Reports
- Vital Signs
- Health Summary
- Multi-Facility Reports
 - Imaging (local only)
 - Lab Status
 - Blood Bank Report
- Anatomic Path Reports
 - Dietetics Profile
 - Nutritional Assessment
 - Vitals Cumulative
 - Procedures (local only)

Date Range

- Date Range...
- Today
- One Week Back
- Two Weeks Back
- One Month Back
- Six Months Back
- One Year Back
- T-7 to T
- 04-Nov-1997 to 28-Nov-2007

Radiology Report [From: Nov 04,1997 to Nov 28,2007] Max/site:10

Exam Date/Time	Procedure Name	Report Status	CPT Code	[+]
09/18/2003 15:53	KNEE 2 VIEWS	No Report	73560	
09/16/2003 11:00	CHEST 2 VIEWS PA&LAT	VERIFIED	71020	[+]
08/31/2003 15:59	KNEE 2 VIEWS	VERIFIED	73560	[+]
08/25/2003 19:48	KNEE 2 VIEWS	VERIFIED	73560	[+]
08/11/2003 10:17	KNEE 2 VIEWS	VERIFIED	73560	[+]
07/17/2003 14:06	KNEE 2 VIEWS	No Report	73560	

Exam Date/Time

09/16/2003 11:00

Procedure Name

CHEST 2 VIEWS PA&LAT

Clinical History

R/O ACTIVE TB FOR NURSING HOME

Impression

MILD HYPERINFLATION OF THE LUNG FIELDS. NO EVIDENCE OF ACTIVE TUBERCULOSIS.

Report

CHEST The heart and pulmonary vasculature are normal. No acute infiltrate or pleural effusion. There is small hyperinflation of the lung fields. Bony thorax is normal as visualized.

Annotation

TITLE: ANNOTATION
DATE OF NOTE: NOV 28, 2007@11:40:14 ENTRY DATE: NOV 28, 2007@11:43:22
AUTHOR: USER,POWER EXP COSIGNER:
URGENCY: STATUS: UNSIGNED
SUBJECT: Annotation of CHEST 2 VIEWS PA&LAT performed on 09/16/2003 11:00

This is a sample annotation of a chest film.

Facility: DEMO HOSPITAL



RPMS GUI Scheduling

- Released Spring 2006
- Version 2 in beta
- GUI view of provider schedules
- Synchronized with EHR
- Full integration with PIMS pending
- No relation to VA's new scheduling package

RPMS GUI Scheduling

LOUGHRAN,MIKE - COREY - WARM SPRINGS 1/10/2008

File Appointment View Help

- Archive
- CHR
- DENTAL
- DIABETES
- LAB AND RADIOLOG
- MEDICAL CLINICS
- NUTRITION
- OPTOMETRY CLINIC
 - COREY**
 - DMD
 - OPTOMETRY Ex
 - OPTOMETRY W/
- OUTPATIENT CLINIC
- PHARMACY
- PHN
- PODIATRY
- SPECIALTY CLINICS
- WOMENS HEALTH

COREY

	Mon, Jan 7	Tue, Jan 8	Wed, Jan 9	Thu, Jan 10	Fri, Jan 11
08	:00				
	:15				
	:30	HAZEL, JULIE ANN #15842	MOSES, VICTOR #375 dmex	COURTNEY, ST EVEN C #796 dmex	
:45					
09	:00				
	:15				
	:30	PALMER, ERAIN A, EILEEN #821 dmex	MEDINA, VICTO RIA A #9192 rtex	RAMIREZ, JOY F. #6263 rtex	HEATH, EDWAR D MCBRIDE #5767 rtex
:45					
10	:00				
	:15				
	:30	JIM, ALEXSIS J'NAY #12136 rtex	AMERICAN HORSE, AVERY L #4425 vf	WOLFE, FLORE NE I #3031 rtex	RIOS, CLARICE M #6772 rtex
:45					
11	:00				
	:15				
	:30				
:45					

RPMS Well Child Module

- Released as part of PCC+ printable encounter form application
- EHR & freestanding GUI pending
- Well Child Knowledgebase
 - Database of thousands of pediatric guidelines and reminders
 - Locally customizable display
- Developmental Screening
 - Ages & Stages Questionnaire

WCM – Knowledgebase Editor

Open Knowledgebase Editor...

Available Knowledgebase Editors

Patient Education Topics
 Autism Screening Questions
 Development Screening
 Periodic Exams

Check if selected

PCC + KnowledgeBase + Autism Screening Questions

RPMS View Help

Save Refresh Exit Filter Group By About

TYPE	TITLE	CODE	START (MO)	STOP (MOS)	ACTIVE
WCCA DEVEL AUTISM SCREEN	Babbles		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Points or Gestures?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Any loss of language skills?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Responds when you call his/her name?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Shows interest in other children?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Brings objects to show you something?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Imitates you?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Looks at an object/toy you point to?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Seems oversensitive to noise?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Makes unusual movements near his/her face?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Have you ever wondered if he/she is deaf?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Sometimes stares at nothing or wanders with no purpose?		12	15	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Babbles?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Points or Gestures?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Any loss of language skills?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Responds when you call his/her name?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Single words?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Shows interest in other children?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Brings objects to show you something?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Imitates you?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Looks at an object/toy you point to?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Seems oversensitive to noise?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Makes unusual movements near his/her face?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Have you ever wondered if he/she is deaf?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Sometimes stares at nothing or wanders with no purpose?		15	18	<input checked="" type="checkbox"/>
WCCA DEVEL AUTISM SCREEN	Babbles?		18	24	<input checked="" type="checkbox"/>

WCM – Developmental Screening

- **Ages & Stages Questionnaire**
 - Print form appropriate for age
 - Parent completes
 - Results entered into RPMS via PCC+ printed form, EHR, or freestanding GUI component
 - Requires site license for ASQ forms
- Could be used for other screening tools as well

Ages & Stages Questionnaire (ASQ)

PCC+ ASQ + Desktop Version

Enter chart number:

1. Enter chart number and click "find"

PCC+ ASQ + Desktop Version

Patient Identifier: REED,DEREK LEE (40 mos.)
 FEMALE DOB: 3/10/05
 MOTHER: MOM,DEREKS

Enter Gestational Age (Wks):

Message: **New results can be entered and you can view past results**

Date	ASQ (mos)	Fine Motor	Gross Motor	Communications	Personal-social	Problem solving
2/28/06	<input type="text" value="22"/>	<input type="text" value="40"/> 39	<input type="text" value="39"/> 30	<input type="text" value="30"/> 17.5	<input type="text" value="20"/>	<input type="text" value="20"/> <input type="text" value="25"/>
3/2/2006	<input type="text" value="40"/>	<input type="text" value="30"/> 39	<input type="text" value="35"/> 17.5	<input type="text" value="40"/> 25	<input type="text" value="45"/> 30	<input type="text" value="50"/> <input type="text" value="30.5"/>

Message box describes the content of the component

View past ASQ scores.

Enter today's ASQ scores.

Cutoff scores are shown to the right. Scores below the cutoff are shown in red

Obstetrical Care Module (OCM)

- Data collection and entry for:
 - First Prenatal Visit
 - Interim Prenatal Visits
 - Postpartum Visit
- Over 600 data points
- Flowchart presentation where appropriate
- Data carries over to future pregnancies
- Multiple GUI components planned
- Flowchart infrastructure extensible to other types of data

OCM – OB History

Case Management Forms (Developer Edition) (User is EILES, TED)

File Help Configure

Find Patient DEMO, OB PATIENT
FEMALE
DOB: 1/15/1982

Clinic: OBSTETRICS
Provider: SHORR, GREG
Date: 11/24/2007 11:00:00 AM

Demo Patients About

OBSTETRIC CARE MODULE / FIRST PRENATAL VISIT

File & Lock Refresh Exit

OB Hx - EDD PARENTS HISTORY RISK ASSESSMENT EXAMS EDUCATION PLANS

BIRTH HISTORY 11/24/2007		MENSTRUAL HISTORY 11/24/2007		DELIVERY DATE ESTIMATES 11/24/2007	
TOTAL # PREG	4	PRENATAL LMP	05/01/2007	EDD	01/11/2008
TOTAL # DELIVERIES	1	LMP CERTAINTY	DEFINITE	LMP	05/01/2007
FULL TERM	0	MONTHLY MENSTRUATION	YES	EGA LMP WEEKS	4.4
PREMATURE	1	MENSES ONSET AGE	20	LMP EDD	02/05/2008
TAB	7	MENSTRUAL FREQ (DAYS)	29	EGA EXAM WKS	
SAB	6	LMP AMOUNT/DURATION	10	EGA EXAM EDD	/
ECTOPICS	0			EGA ULTRASOUND WKS	
MULTIPLE BIRTHS	1			EGA ULTRASOUND EDD	/
LIVING CHILDREN	6			EGA RELIABILITY	
AB	73				

PRE-PREGNANCY WEIGHT

PRE-PREGNANCY WEIGHT 111

PAST PREGNACIES New Entry

DOB	NAME (chart #)	SEX	BIRTH W	GA	SIZE	LABOR (H)	ANESTHESI	PLACE OF DELIV	METHOD	COMMENTS & COMPLIC
11/27/2002	JOE DEMO	FEMALE	6-6	40	AGA	14	NONE	COUNTY HOSPI...	VAGINAL	NL DELIVERY
12/06/2007	TED	FEMALE	5-1							
12/06/2007	LUCY	FEMALE	1-1	24	AGA					

MOTHER'S INFO 11/24/2007		FATHER'S INFO 11/24/2007	
PLANNED	YES	NAME	Fred
WANTED	YES	AGE	21
EDUCATION (Yrs)	1	EDUCATION (MAX GRADE)	21
CURRENT RELATIONSHIP (Yrs)	1	OCCUPATION	Hardware

OCM – Parental/Medical History

Case Management Forms (Developer Edition) (User is EILES, TED)

File Help Configure

DEMO,OB PATIENT
 Find Patient FEMALE
 DOB: 1/15/1982

Clinic: OBSTETRICS
 Provider: SHORR,GREG
 Date: 11/24/2007 11:00:00 AM

Demo Patients About

OBSTETRIC CARE MODULE / FIRST PRENATAL VISIT

MOTHER'S INFO 11/24/2007

PLANNED	YES
WANTED	YES
EDUCATION (Yrs)	1
CURRENT RELATIONSHIP (Yrs)	1
OCCUPATION	1
HOME ENVIRONMENT	1
ANTICIPATED COMPLIANCE ISSUES	1

FATHER'S INFO 11/24/2007

NAME	Fred
AGE	21
EDUCATION (MAX GRADE)	21
OCCUPATION	Hardware
FHx MULT BIRTHS	YES
ETOH/TOBBACCO/DRUGS	lkjlkjlk
MEDICAL Hx	lkjlkjlkj
FAMILY Hx	lkjlkjlkj

MATERNAL MEDICAL HISTORY 11/24/2007

BREAST		<input type="checkbox"/> AUGMENTATION <input checked="" type="checkbox"/> LACTATION ISSUES <input type="checkbox"/> FIBROCYSTIC DISEASE
CARDIOVASCULAR		<input type="checkbox"/> HEART DISEASE <input checked="" type="checkbox"/> HYPERTENSION <input type="checkbox"/> VENOUS DISEASE
CONTRACEPTION	P	<input type="checkbox"/> BC @ CONCEPTION <input type="checkbox"/> OTHER <input type="checkbox"/> RING <input checked="" type="checkbox"/> PILL <input type="checkbox"/> DEPO <input type="checkbox"/> CONDOM <input checked="" type="checkbox"/> IUD <input type="checkbox"/> PATCH
ENDOCRINE	P	<input checked="" type="checkbox"/> DIABETES <input checked="" type="checkbox"/> THYROID <input type="checkbox"/> FERTILITY TREATMENT
EYE	P	<input checked="" type="checkbox"/> GLASSES <input checked="" type="checkbox"/> CONTACTS
GI/LIVER	P	<input type="checkbox"/> HEPATITIS <input type="checkbox"/> DIET RESTRICTION <input type="checkbox"/> BOWEL DISEASE <input type="checkbox"/> GERD
GYN / REPRO HX	N	<input type="checkbox"/> INFERTILITY <input type="checkbox"/> STILLBIRTH / NEONATAL DEATH <input type="checkbox"/> C-SECTION <input type="checkbox"/> UTERINE ABNORMALITY <input type="checkbox"/> CONE BIOPSY <input type="checkbox"/> POST PARTUM HEMORRHAGE
HEMATOLOGY	N	<input type="checkbox"/> ANEMIA <input type="checkbox"/> TRANSFUSION <input type="checkbox"/> BLEEDING DISORDER <input type="checkbox"/> Rh SENSITIZED
IMMUNE DISEASE	P	<input checked="" type="checkbox"/> ARTHRITIS <input type="checkbox"/> LUPUS
INFECTIONS	P	<input type="checkbox"/> TB EXPOSURE/Rx <input type="checkbox"/> GROUP B STREP <input type="checkbox"/> HPV/GENITAL WARTS <input type="checkbox"/> RASH/VIRUS SINCE LMP <input type="checkbox"/> GC <input type="checkbox"/> SYPHILIS

OCM – Pregnancy Flowsheet

Case Management Forms (Developer Edition) (User is EILES, TED)

File Help Configure

Find Patient DEMO,OB PATIENT FEMALE
DOB: 1/15/1982

Clinic: OBSTETRICS
Provider: SHORR,GREG
Date: 11/24/2007 11:00:00 AM

Demo Patients About

OBSTETRIC CARE MODULE / FIRST PRENATAL VISIT

File & Lock Refresh Exit

OB Hx - EDD PARENTS HISTORY **RISK ASSESSMENT** EXAMS EDUCATION PLANS

CURRENT PREGNANCY FINDINGS New Entry

	11/24/2007	11/24/2007	11/24/2007	11/24/2007
EWG	38.9	38.9	39.0	39.0
Wt				
B/P		445	1	32
BP2		89	1	3
Fundal ht.		9	1	3
Presentation		9	1	3
Fetal movement		9	1	3
FHT		9	1	3
S/S pre-term labor		9	1	
DTR/Clonus		9	1	
Dipstic glucose		99	1	
Dipstick protein		9	1	
Vaginal bleeding		9	1	
Leaking fluid		9	1	
Edema		99	1	

LAB GUIDELINES

INITIAL LAB TESTS

Guideline	Today's Value
BLOOD TYPE	
Rh TYPE	
ANTIBODY SCREEN	
HCT/HGB [44 6/1/07]	
PAP	
RUBELLA	
VDRL	
URINE CULTURE SCREEN	
HbsAg	
1ST DIABETES SCREEN	
HIV	

OPTIONAL LAB TESTS

Guideline	Today's Value
GENETIC SCREEN	
CHLAMYDIA	
GC	
Hb ELECTROPHORESIS	

8-18 WEEK LAB TESTS

Guideline	Today's Value
MSAF MULTIPLE MARKERS	
AMNIO/CVS	
KARYOTYPE	
AMNIOTIC FLUID (APF)	

24-28 WEEK LAB TESTS

Guideline	Today's Value
HCT/HGB [44 6/1/07]	
2ND DIABETES SCREEN	
Rh ANTIBODY SCREEN	

ULTRASOUND FIRST VISIT New Entry

	11/24/2007
CRL	67
SAC SIZE	7
NUCHAL THICKNES	7
FETAL NUMBER	77
CARDIAC ACTIVITY	7
BPD	7

iCare Population Management

- Previously presented to this group
- Current/pending enhancements:
 - Incorporation of HIV Management System functions under iCare GUI
 - Incorporation of Women's Health System functions under iCare GUI
 - Additional chronic condition tags and reminders
 - Eventual incorporation of all case management functions

iCare Patient Record

IHS iCare - DEMO,ALICE JANENE

File Tools Window Help Quick Patient Search:

Name: DEMO,ALICE JANENE

HRN: 109629 **Tribe:**

SSN: 602-68-0084 **Community:**

Gender: F **Address:**

Age: 53 **Phone:**

DOB: Nov 30, 1952 **Alt. phone:**

GPRA Met? NO **DPCP:**

Case Mgr:

insurance:

iCare pulls all available patient data and displays it in one view

Providers

Provider Role	Provider Name	Last Visit	Next Appointment
WOMENS HEALTH	DEL,JANICE	Nov 21, 2003	

Recent Visits Last:

Date	Clinic	Provider	Diagnosis	POV
Dec 06, 2005	GENERAL 01	SINGLETON,ROBERT J	UNCODED DIAGNOSIS	IMMUNIZATION - INFLUENZ...
Sep 21, 2005	PHARMACY 39	CROWE,KAREN	PERSON CONSULT ANOTHER PERS...	Proxy Counseling

Scheduled Appointments Next:

Appointment Date/Time	Clinic	Default Provider

Diagnosis Tags

Dx Tag	Last Updated	Factor	Compliance Value
CVD Significant Risk	Sep 21, 2006	Risk Factor-HDL Lab Test	Visit: FEB 2,2005
	Sep 21, 2006	Risk Factor-Obese	

Panels

Panel Name	Description	Owner
cvd sig risk	adfkja;	GEBREMA...
Demo panel	Demonstration on...	GEBREMA...

RPMS Registers

Title	Status	Status Date	Category	Creator	Namespa
1989 USER...	ACTIVE			STANDING...	ACM
1990 USER...	ACTIVE			STANDING...	ACM

Name: DEMO.CAROL

HRN: 140557
 SSN:
 Gender: F
 Age: 15
 DOB: Feb 22, 1991

Tribe:
 Community:
 Address:

Insurance:

GPRA Met? NO

Phone:
 Alt. phone:
 DPCP:
 Case Mgr:

Barriers to Learning:

- Cover Sheet
- Flags
- Reminders**
- Patient GPRA
- Face Sheet
- Health Summary
- Wellness Summary
- Labs
- Meds
- Radiology
- Problem List

Reminder Name	Due Date	Next Due	Last Date Performed
BLOOD PRESSURE	⚠ Dec 28, 2002	MAY BE DUE NOW (WAS DUE 12/28/02)TB SKIN TES	Dec 28, 2000
HEIGHT	⚠ Oct 18, 2006	MAY BE DUE NOW	
WEIGHT	⚠ Oct 18, 2006	MAY BE DUE NOW	
HEARING EXAM	⚠ Oct 18, 2006	MAY BE DUE NOW	
SCREEN FOR ALCOHOL USE	⚠ Oct 18, 2006	MAY BE DUE NOW	
SCREEN FOR TOBACCO USE	⚠ Oct 18, 2006	MAY BE DUE NOW	
PHYSICAL EXAM	⚠ Oct 18, 2006	MAY BE DUE NOW	
TD-ADULT	⚠ Oct 18, 2006	MAY BE DUE NOW	
PPD - TUBERCULOSIS	⚠ Oct 18, 2006	MAY BE DUE NOW	
DOMESTIC VIOLENCE/IPV SCR	⚠ Oct 18, 2006	MAY BE DUE NOW	
DIABETES SCREENING	⚠ Oct 18, 2006	MAY BE DUE NOW	

★
 iCare will generate nationally-defined general prevention and disease/condition specific healthcare reminders that are integrated to display most stringent criteria applicable to the patient's chronic condition(s)

Aggregated "GPRA" Statistics

IHS iCare - Demo panel - Panel View

File Patients Tools Window Help Quick Patient Search:

Demo panel
Demonstration only
 Definition

Total Patient
 Last updated Oct 18, 2006 04
 by {Un}

Patient List Flags GPRA **GPRA Aggregated**

Information current as of: Oct 12, 2006

Clinical Group	Measure Name	# Patients in Denominator	# Patients in Numerator	% Met	2006 Goal	IHS National 2005 Performance
DIABETES GROUP	LDL Assessed	0	0	0%	56.0%	53.0%
	Nephropathy Assessed	0	0	0%	50.0%	47.0%
	Retinopathy Exam	0	0	0%	@ BASELI...	50.0%
	*Depression Assessed	0	0	0%	N/A	N/A
	*Influenza Vaccine	0	0	0%	N/A	N/A
	*Pneumovax Vaccine Ever	0	0	0%	N/A	N/A
DENTAL GROUP	Dental Access General	4	0	0%	Maintain	24.0%
	Sealants	0	0	0%	Maintain	249,882
	Topical Fluoride	0	0	0%	N/A	113,324
	# Patients	0	0	0%	Maintain	85,318
IMMUNIZATIONS	Influenza 65+	0	0	0%	Maintain	59.0%
	Pneumovax Ever 65+	0	0	0%	72.0%	69.0%
	Childhood 19-35 mos	0	0	0%	N/A	N/A
	Active IMM Pkg Pts	0	0	0%	Maintain	75.0%
CANCER RELATED	Pap Smear Rates 21-64	2	1	50.0%	Maintain	60.0%
	Mammogram Rates 52-64	1	1	100.0%	Maintain	41.0%
	Colorectal Cancer 51-80	2	0	0%	Baseline	23.0%
	*Tobacco Assessment 5+	4	0	0%	N/A	34.0%
	*Tobacco Use Prevalence	0	0	0%	N/A	N/A
BEHAVIORAL HEA...	Tobacco Cessation	1	0	0%	Baseline	N/A
	FAS Prevention 15-44	1	0	0%	12.0%	11.0%

Selected Rows: 1 Visible Rows: 61 Total Rows: 61



iCare uses "official" GPRA report logic on user-defined populations that are not currently available in the Clinical Reporting System (CRS)



Discussion