

CLINICAL EXAM FOR STD/STI'S HIV/HEP C

White Earth Health Center

Karen K Coleman LPN

Infection Preventionist

- ◉ Welcome
- ◉ EHR Documentation
- ◉ Not a right way or a wrong way.
- ◉ Trial and error
- ◉ Do what works for you and your team
- ◉ Slides 1-10 basic step to exam
- ◉ Slide 11 gets us started on screening for HIV

START WITH THE VITALS C C TAB

RPMS EHR KELLERHUIS-COLEMAN, KAREN White Earth Health Center

User Patient Tools Help Community Alerts Clear Patient Clear and Lock Imaging

PRIVACY PATIENT CHART RPMS RESOURCES iCare Suicide Form Quick Notes

Zzzdemo, Patient 17 04-Jun-1982 (29) F OSHKIGIN 2-MARTINEZ, ALYSSA 01-Dec-2011 09:40 Ambulatory Other, Doctor

PwH Med Rec Visit Summary (Brief) Pharm Ed Postings WA Problem List Advs React Medications Nds Rvw Nds Rvw Nds Rvw

NOTIFICATIONS OVERVIEW VITALS/CC WELLNESS IMMUNIZATIONS WELL CHILD MEDS LABS REPORTS CONSULTS ORDERS POV SUPERBILL NOTES

Chief Complaint Add Edit Delete

Author: KELLERHUIS-COLEMAN, KAREN
 Chief Complaint: here with concerns of vaginal discharge for 3 days.
 1.) Patient and staff reviewed patient allergies, reviewed medication list, discussed immunizations due, reviewed and updated LMP.....KKColemanLPN

Vital Measurement Entry

Default Units	26-Mar-2012 09:42	Range	Units
Weight	130.31		lb
Height	66.5		in
Head Circumference			in
Temperature	98.2		F
Pulse	72	60 - 100	/min
Respirations	16		/min
Blood Pressure	120/78	90 - 150	mmHg
Pain	5		
PHQ2			
Crafft			
O2 Saturation			%
Peak Flow			
Best Peak Flow			
Fev1/FVC			
Asthma Symptom Free Days			

New Date/Time Update Reset

Vitals Display - Click on VS to graph

Vital	Value	Date
PHQ2	0	26-May-2011 12:03
O2	100 %	26-May-2011 12:03
ASFD	9	26-May-2011 12:03
ADM	1	26-May-2011 12:03
WT	130.31 lb (59.1...)	26-Mar-2012 09:42
HT	66.5 in (168.91...)	26-Mar-2012 09:42
BMI	20.72	26-Mar-2012 09:42
TMP	98.2 F (36.78 C)	26-Mar-2012 09:42
PU	72 /min	26-Mar-2012 09:42
RS	16 /min	26-Mar-2012 09:42
BP	120/78 mmHg	26-Mar-2012 09:42
PA	5	26-Mar-2012 09:42

KELLERHUIS-COLEMAN, KAREN WH-EARTH-HC.BEM.IHS.GOV WHITE EARTH HEALTH CENTER 26-Mar-2012 09:57

ENTER THE CHIEF COMPLAINT

- ◉ Intake nursing staff documents vital signs, review current medications that are listed on their wellness hand out aka the “WHO”, immunizations, and LMP's on all females ages 12-49.
- ◉ User friendly quick picks are available when entering chief complaints by clicking on the “Patient Request,”

PATIENT REQUEST

RPMS EHR KELLERHUIS-COLEMAN,KAREN White Earth Health Center

User Patient Tools Help Community

PRIVACY PATIENT

Zzzdemo, Patientb
12 06-May-1978 (33) F

PWH Med Rec

NOTIFICATIONS OVERVIEW VITA

Chief Complaint

Author Chief Complaint

Vital Measurement Entry

Default Units

Weight

Height

Head Circumference

Temperature

Pulse 80

Respirations

Blood Pressure 90

Pain

PHQ2

Craft

O2 Saturation

Peak Flow

Best Peak Flow

Fev1/FVC

Asthma Symptom Free Days

Chief Complaint

declined fluoride treatment
discussed BE/mammo due
discussed colon screen due
discussed dental visit due
discussed DM eye exam due
discussed DM foot exam due
discussed immunizations due
discussed lab/fasting lab due
discussed pap/pelvic due
failed M-CHAT autism screen
peak flow calculations @

positive alcohol screen
positive CRAFFT screen
positive depression screen
positive DV screen
reviewed and updated LMP
reviewed medication list
reviewed patient allergies
reviewed wellness handout

☐ Symptom ☐ Diagnosis ☒ Patient Request

Clear Append

OK Cancel

React Medications
vwd Nds Rvwd

POV SUPERBILL NOTES

Add Edit Delete

PA	0	26-Oct-2011 08:23
O2	99 %	26-Oct-2011 08:23
PHQ2	0	09-Nov-2011 11:16
PF	250	09-Apr-2012 11:22
BPF	400	09-Apr-2012 11:22

New Date/Time Update Reset

KELLERHUIS-COLEMAN,KAREN WH-EARTH-HC,BEM.IHS.GOV WHITE EARTH HEALTH CENTER 27-Apr-2012 13:28

start RPMS EHR Inbox - Microsoft Out... Microsoft PowerPoint...

1:28 PM

ALARM CLOCK REMINDERS

WELLNESS DUE

RPMS EHR KELLERHUIS-COLEMAN, KAREN White Earth Health Center

User Patient Tools Help Community Alerts Clear Patient Clear and Lock Imaging

PRIVACY PATIENT CHART RPMS RESOURCES Case Manage Form Quick Notes

Zzzdemo, Patientb 12 06-May-1978 (33) F WHITE EARTH KELLERHUIS-COLEMAN, KAREN 25-Apr-2012 13:42 Other, Doctor Ambulatory

PWH Med Rec Visit Summary (Brief) Pharm Ed

NOTIFICATIONS OVERVIEW VITALS WELLNESS IMMUNIZATIONS WELL CHILD

Health Factors

Visit Date	Health Factor	Category	Comment
04/14/2011	Current Smoker, Status Unknown	Tobacco	Cigarettes 6/day
01/27/2011	Current Smoker, Status Unknown	Tobacco	
08/16/2010	Current Smoker, Status Unknown	Tobacco	
02/16/2012	Previous (former) Smoker	Tobacco	
11/09/2011	Smoker In Home	Tobacco	
04/14/2011	Smoker In Home	Tobacco	
11/09/2011	Smoke Free Home	Tobacco	
04/14/2011	Cessation-smoker	Tobacco	
11/09/2011	Case 0/4	Alcohol/drug	
06/27/2011	Case 0/4	Alcohol/drug	
09/02/2011	Case 1/4	Alcohol/drug	
07/12/2011	Case 1/4	Alcohol/drug	
01/27/2011	Case 1/4	Alcohol/drug	

Available Reminders

Available Reminders	Due Date	Last Occure...	Pri...
Due			
Activity Level Screen	DUE NOW		
LMP-Please record	DUE NOW		
Pap Smear	DUE NOW		
HIV Screening	DUE NOW		
Dental Visit	01/17/2012	01/17/2011	
Asthma Pneumovax	DUE NOW		
Hep A Imm for Hep C pt	DUE NOW		
Hep B imm for Hep C pt	DUE NOW		
Applicable			
Other Categories			
01/27/2011 DEPRESSION SCREENING	NORMAL/NEGATIVE		
01/17/2011 DENTAL EXAM			
08/16/2010 INTIMATE PARTNER VIOLENCE	NORMAL/NEGATIVE		

Education

Visit Date	Education Topic	Comprehension
01/24/2012	Medications-Medication Dispensation To Proxy	GOOD
01/19/2012	Eye Conditions-Screening	GOOD
11/09/2011	Alcohol And Other Drugs-Cultural/spiritual Aspects Of Health	GOOD
11/09/2011	Cd-Disease Process 2006	GOOD
11/09/2011	Cd-Complications 2006	GOOD
09/14/2011	Other Screen Breast Exam-Nutrition	GOOD
09/14/2011	Routine Gyn Examination-Complications	GOOD
09/02/2011	Tobacco Use-Complications	GOOD
09/02/2011	Tobacco Use-Quit	GOOD
07/07/2011	Sexually Transmitted Infections-Prevention	GROUP-NO ASSESS
07/07/2011	Sexually Transmitted Infections-Stress Management	GROUP-NO ASSESS
06/27/2011	Tobacco Use-Quit	GOOD

KELLERHUIS-COLEMAN, KAREN WH-EARTH-HC,BEM.IHS.GOV WHITE EARTH HEALTH CENTER 27-Apr-2012 14:15

start RPMS EHR Inbox - Microsoft Out... Microsoft PowerPoint...

ALARM CLOCK

HEALTH FACTORS / WELLNESS

- ◉ Intake nursing staff to address issues listed in the alarm clock.
- ◉ If more than 2-3 it is helpful to use the “Health Assessment” Progress Note. It will show all screenings. All can be address at the visit or just a few that are due now.
- ◉ Areas are available for comments and scores.
- ◉ Using this note will also trigger “Education” and GPRA credit is then applied for all entries.

A COMPLETED HEALTH ASSESSMENT

RPMS EHR KELLERHUIS-COLEMAN, KAREN White Earth Health Center

User Patient Tools Help Community Alerts Clear Patient Clear and Lock Imaging

PRIVACY PATIENT CHART RPMS RESOURCES iCare Suicide Form Quick Notes

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NOTIFICATIONS OVERVIEW VITALS/CC WELLNESS IMMUNIZATIONS WELL CHILD MEDS LABS REPORTS CONSULTS ORDERS POV SUPERBILL NOTES

Health Factors

Visit Date	Health Factor	Category	Comment
10/05/2009	Non-tobacco User	Tobacco	
12/01/2011	Smoker In Home	Tobacco	
12/01/2011	Cage 2/4	Alcohol/drug	
10/05/2009	Talk	Learning	
04/17/2008	Read	Learning	
12/01/2011	Do/practice	Learning	
12/01/2011	No Barriers	Barriers To	
10/05/2009	Visually Impaired	Barriers To	
12/01/2011	Some Activity	Activity	
12/01/2011	Current Smoker, Every Day	Tobacco	not ready to quit
10/05/2009	Never Smoked	Tobacco	
10/05/2009	Never Used Smokeless Tobacco	Tobacco	

Exams

Visit Date	Exams	Result	Comments
12/01/2011	ALCOHOL SCREENING	POSITIVE	
12/01/2011	DEPRESSION SCREENING	PRESENT	has been taking antidepressants
10/05/2009	INTIMATE PARTNER VIOLENCE	NORMAL/NEGATIVE	
10/05/2009	ALCOHOL SCREENING	NORMAL/NEGATIVE	
10/05/2009	DEPRESSION SCREENING	NORMAL/NEGATIVE	
04/17/2008	DEPRESSION SCREENING	POSITIVE	on meds for

Personal Health

Reproductive History Infant Feeding

Personal Health To add, select a form... Add Edit Delete

Refusal 04/30/2007: TETANUS TOXOID (Immunization)

Education

Show Standard Add Edit Delete

Visit Date	Education Topic	Comprehension
02/23/2012	Human Immunodeficiency Virus-Follow-Up	GOOD
02/23/2012	Human Immunodeficiency Virus-Prevention	GOOD
12/01/2011	Alcohol And Other Drugs-Information & Referral	GOOD
12/01/2011	Domestic Violence-Prevention	GOOD
12/01/2011	Domestic Violence-Stress Management	GOOD
12/01/2011	Cd-Lifestyle Adaptations 2006	GOOD
12/01/2011	Cd-Follow-Up 2006	GOOD
12/01/2011	Tobacco Use-Quit	GOOD
11/03/2011	Immunizations-Information	GOOD
11/03/2011	Immunizations-Literature	GOOD
07/07/2011	Sexually Transmitted Infections-Stress Management	GROUP-NO ASSESSMENT
02/03/2010	Acne-Hygiene	GOOD

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ALARM CLOCK HIV REMINDER

- ◉ Offer HIV screening.
- ◉ Some place do OPT-OUT screenings which has increased testing rates.
- ◉ OPT-OUT is routine screening for DM, Lipids, HgbA1C and etc...**that would include HIV**, for it is consider part of the routine screening process.

ALARM CLOCK REFUSALS

- Nursing intake staff will need to document all refusals.

DOCUMENTING ALARM CLOCK REFUSALS

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User: Patient Tools Help Community Alerts Clear Patient Clear and Load Imaging

PRIVACY PATIENT CHART RPMS RESOURCES Case Outside Com Quick Notes

Zzzdemo, Patientb 12 06-May-1978 (33) F WHITE EARTH 25-Apr-2012 13:42 Ambulatory Other, Doctor

PWH Med Rec Visit Summary (Brief) Pharm Ed Postings WA Problem List Nds Rvw Adv React Nds Rvw Medications Nds Rvw

NOTIFICATIONS OVERVIEW VITALS WELLNESS IMMUNIZATIONS WELL CHILD MEDS LAB REPORTS CONSULTS ORDERS POV SUPERBILL NOTES

Health Factors

Visit Date	Health Factor	Category	Comment
04/14/2011	Current Smoker, Status Unknown	Tobacco	Cigarettes 6/day
01/27/2011	Current Smoker, Status Unknown	Tobacco	
08/16/2010	Current Smoker, Status Unknown	Tobacco	
02/16/2012	Previous (former) Smoker	Tobacco	
11/09/2011	Smoker In Home	Tobacco	
04/14/2011	Smoker In Home	Tobacco	
11/09/2011	Smoke Free Home	Tobacco	
04/14/2011	Cessation-smoker	Tobacco	
11/09/2011	Cage 0/4	Alcohol/drug	
06/27/2011	Cage 0/4	Alcohol/drug	
09/02/2011	Cage 1/4	Alcohol/drug	
07/12/2011	Cage 1/4	Alcohol/drug	
01/27/2011	Cage 1/4	Alcohol/drug	

Exams

Visit Date	Exams	Result	Comments
11/09/2011	ALCOHOL SCREENING		
11/09/2011	DEPRESSION SCREENING	NORMAL/NEGATIVE	
07/12/2011	ALCOHOL SCREENING	POSITIVE	
07/06/2011	INTIMATE PARTNER VIOLENCE	PAST	
07/06/2011	ALCOHOL SCREENING	NORMAL/NEGATIVE	need specific issues with violence
07/06/2011	DEPRESSION SCREENING	NORMAL/NEGATIVE	
06/27/2011	INTIMATE PARTNER VIOLENCE	NORMAL/NEGATIVE	
06/27/2011	DEPRESSION SCREENING	POSITIVE	
01/27/2011	DEPRESSION SCREENING	NORMAL/NEGATIVE	
01/27/2011	DEPRESSION SCREENING	NORMAL/NEGATIVE	
01/17/2011	DENTAL EXAM		
08/16/2010	INTIMATE PARTNER VIOLENCE	NORMAL/NEGATIVE	

Personal Health

Refusal

10/26/2011: WT (Measurements): Comment=Has a cast on
03/10/2008: HYDROCOD/APAP 5/500 TAB (Medication/drug): Comment=does not want to take addictive medications.

Enter Refusal

Refusal Type

- ☒ EKG
- ☐ Exam
- ☐ Immunization
- ☐ Lab
- ☐ Mammogram
- ☐ Measurement
- ☐ Medication/Drug
- ☐ PAP Smear
- ☐ Radiology Exam
- ☐ Skin Test

Refusal Item

Date Refused 04/27/2012

Comment

WEHC HIV SCREENING

- ◉ WEHC HIV screening is done “OPT-IN”
Patients give verbal consent for screening.
- ◉ WEHC Medical Providers and Nursing attended HIV training, which talked about OPT-OUT -vs- OPT-IN
- ◉ OPT-IN was preferred choice.
- ◉ OPT-IN, patients give verbal consent

DOCUMENT EDUCATION

RPMS EHR KELLERHUIS-COLEMAN, KAREN White Earth Health Center

User Patient Tools Help Community Alerts Clear Patient Clear and Lock Imaging

PRIVACY PATIENT CHART RPMS RESOURCES Case eRx Safe Com Quick Notes

Zzzdemo, Patientj 17 04-Jun-1982 (29) F Visit not selected KELLERHUIS-COLEMAN, KAREN Other, Doctor

PWH Med Rec Visit Summary (Brief) Pharm Ed Postings WA Problem List Advs React Medications

NOTIFICATIONS OVERVIEW VITALS/DC WELLNESS IMMUNIZATIONS WELL CHILD MEDS LAB REPORTS CONSULTS ORDER POV SUPERBILL NOTES

Health Factors

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12/01/2011	Smoker In Home	Tobacco	
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12/01/2011	Do/practice	Learning	
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10/05/2009	Visually Impaired	Barriers To	
12/01/2011	Some Activity	Activity	
12/01/2011	Current Smoker, Every Day	Tobacco	not ready to quit
10/05/2009	Never Smoked	Tobacco	
10/05/2009	Never Used Smokeless Tobacco	Tobacco	

Exams

Visit Date	Exams	Result	Comments
12/01/2011	ALCOHOL SCREENING	POSITIVE	
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10/05/2009	INTIMATE PARTNER VIOLENCE	NORMAL/NEGATIVE	
10/05/2009	ALCOHOL SCREENING	NORMAL/NEGATIVE	
10/05/2009	DEPRESSION SCREENING	NORMAL/NEGATIVE	
04/17/2008	DEPRESSION SCREENING	POSITIVE	on meds for

Reproductive Factors

Last Menstrual Period 09/01/2009

Family Planning Method OTHER Date Begun 04/30/2006

Total # of Pregnancies 2 Spontaneous Abortions (Miscarriage) 0

Full Term 2 Induced Abortions 0

Premature Ectopic

Multiple Births

Living Children 2

Pregnant Estimated Due Date by LMP

Education

Visit Date	Education Topic	Comprehension
04/02/2012	Human Immunodeficiency Virus-Prevention	GOOD
02/23/2012	Human Immunodeficiency Virus-Follow-Up	GOOD
02/23/2012	Human Immunodeficiency Virus-Prevention	GOOD
12/01/2011	Alcohol And Other Drugs-Information & Referral	GOOD
12/01/2011	Domestic Violence-Prevention	GOOD
12/01/2011	Domestic Violence-Stress Management	GOOD
12/01/2011	Cd-Lifestyle Adaptations 2006	GOOD
12/01/2011	Cd-Follow-Up 2006	GOOD
12/01/2011	Tobacco Use-Quit	GOOD
11/03/2011	Immunizations-Information	GOOD
11/03/2011	Immunizations-Literature	GOOD
07/07/2011	Sexually Transmitted Infections-Stress Management	GROUP-NO ASSESSMENT

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EDUCATION DOCUMENTATION

- Under: Human Immunodeficiency Virus:
Prevention: Should use condoms for protection at all times but at least until results confirmed
Test: What does SCREENING testing mean.
Follow-Up: If screening is (+) will need confirmatory labs and referral. Will need other labs for STI/Hepatitis'

STD'S / STI'S SCREENING & 3 MONTH FOLLOW-UP

- ◉ When “risky” or “high” risk behaviors are noted the provider will do/order screenings that are appropriate for what is being revealed.
- ◉ When (+) screening comes, patient is treated immediately and ask to come back for follow up labs &/or exam to make sure infection is clear in 3 months.
- ◉ Notification is sent to provider team care manager, and co-infection control officer from the Lab co-infection control officer that a 3 month recheck will be needed.

NOTIFICATIONS

The screenshot displays the RPMS EHR interface for patient Zzzdemo, Patientb (DOB: 06-May-1978, Female). The patient's chart is open, showing various tabs including Overview, Vital Signs, and Medications. A 'Notification Scheduling' dialog box is active, allowing the user to schedule a notification for the patient. The dialog includes a 'Schedule' tab, a 'Patient' field (Zzzdemo, Patientb), and a 'Message' field. The 'Priority' is set to 'Low'. A 'Select Date/Time' sub-dialog is open, showing a calendar for September 27, 2012, with the time set to 12:00 PM. The background interface includes a top navigation bar with tabs like PRIVACY, PATIENT CHART, RPMS, RESOURCES, iCare, and a bottom status bar showing the user's name (KELLERHUIS-COLEMAN, KAREN) and the date/time (27-Apr-2012 16:02).

NOTIFICATION TAB

- ◉ With the patient name in patient box, go to the notification tab.
- ◉ Right click any where on the blank screen.
- ◉ Notification Scheduling will appear.
- ◉ Click on "add"
- ◉ Click on Deliver on: 3 months from tx date.
Priority=High
Subject="recheck labs"
Recipients= Team Care Manager, Provider, IC
Message= "recheck"
- ◉ Then close

PROBLEMS NOTED

- ◉ New recommendations for no paps even if sexually active until age 21, unless symptomatic.
- ◉ Doing more urine GC/Chlamydia less swabs.
- ◉ Need of possible new policy/procedure to address clients not getting routine paps now.

HIV/HEP C COALITION

- ◉ Together with the Tribal Offices in Education and Home Health, Sacred Spirits and The Indigenous People Program we have formed our own Coalition.
- ◉ We meet monthly to address the communities needs of infectious diseases such a HIV and Hep C.
- ◉ Hosted the first HEP C Summit in Indian Country in the state of Minnesota.

THANK-YOU

- ◉ This has been an honor to be asked to be on this panel.
- ◉ Look forward to continued education with infectious disease and work closely with the native people.
- ◉ Would like to hear from others with their ideas and concerns of how to help with the Indian Communities.

Haskell Health Center

Shannon Tuckwin - RN DON

POLICIES AND PROCEDURES

- ◉ Nursing standing orders
- ◉ Patients schedule “nurse only” visits
- ◉ Decreases provider load and patient wait time

STANDING ORDERS

- ◉ STD/STI Screening

- Lab

- STD check, HIV, GC/CT, RPR, HBsAG, HCV

- ◉ Positive STD/STI

- ◉ Prenatal Patients

- Labs

- Referrals

IMPROVING LABS

- ◉ Bundled lab orders in EHR
- ◉ Helps decrease errors of omission

STD LAB EXAMPLE

IHS-EHR HASKELL INDIAN CENTER USER: WOODHULL,KIMBERLY D

User Patient Refresh Data Clear Websites Tools Help

Patient Chart Communication RPMS UpToDate RCIS

Demo Patient Allen
999997 01-Jan-2001 (11) M

PHARMACY 01-May-2012 12:38
WOODHULL,KIMBERLY D Ambulatory

Primary Care Team Unassigned

Pro Diabetes Supplement Pharm Ed Adult Regu HS

Reports Consults Privacy

Notifications Cover Sheet Sum

File View Action Options

View Orders
Active Orders (includes)

Write Orders
Consult Requests
Dressing Change
EKG ORDER
Immunization Order
Labs
Medications
Xray Orders

Active Orders (includes)

Service
Nursing
Consults
Consults
Consults
Consults

Labs Done

NEW GENERAL CULTURES

DM LABS

WOMEN'S HEALTH LABS RHEUMATOLOGY LABS

STD LABS

Other Labs

DPP LABS

PEDIATRIC

URINE TESTS

WOODHULL,KIMBERLY D OKCHASHMAN.OKLAHOMA.IHS.GOV HASKELL 01-May-2012 12:49 25

IHS·EHR HASKELL INDIAN CENTER USER: WOODHULL,KIMBERLY D

User Patient Refresh Data Clear Websites Tools Help

Patient Chart Communication RPMS UpToDate RCIS

Demo Patient Allen
999997 01-Jan-2001 (11) M

PHARMACY 01-May-2012 12:38
WOODHULL,KIMBERLY D Ambulatory

Primary Care Team Unassigned

Problem List
Nds Rvw Diabetes Supplement Pharm Ed Adult Regu HS

STD LABS
HIV IN HOUSE HEP A IGM R3603500

Consults Privacy Well Child Bel

Notifications Cover Sheet

File View Action Options

View Orders
Active Orders (includes)

Write
Cons
Dres
EKG
Immu
Labs
Med
Xray
Clinic medication or

STD X4 BLOOD
☐ HIV 5670000
☐ HEP B SA
☐ HEP C ABY R555
☐ RPR RFX FTA

Stop Order Set

Order a Lab Test

Available Lab Tests
HIV 1/0/2 ANTIBODIES R567000
HIV 1/0/2 ANTIBODIES R567
HIV ANTIBODY
HIV EIA <HIV ANTIBODY>
HIV IN-HOUSE
HIV PCR RNA QNT(US) R
HIV PCR RNA QUANT-2ND G
HIV REPEAT R3608375
HIV RNA BY PCR QUANTITA

HIV 1/0/2 ANTIBODIES R5670000

Collect Sample BLOOD (MARBL)
Specimen BLOOD
Urgency ROUTINE

Enter order comment:

Collection Type Send Patient to Lab
Collection Date/Time T
How Often? ONCE
How Long?

Clinical Indication:

HIV 1/0/2 ANTIBODIES R5670000 BLOOD SP ONCE

Accept Order
Quit

PRENATAL LAB EXAMPLE

IHS-EHR HASKELL INDIAN CENTER USER: WOODHULL,KIMBERLY D

User Patient Refresh Data Clear Websites Tools Help

Patient Chart Communication RPMS UpToDate RCIS

Demo Patient Allen
999997 01-Jan-2001 (11) M

PHARMACY 01-May-2012 12:38
WOODHULL,KIMBERLY D Ambulatory

Primary Care Team Unassigned

Pro Diabetes Supplement Pharm Ed Adult Regu HS

Labs Done

NEW GENERAL CULTURES

DM LABS

WOMEN'S HEALTH LABS RHEUMATOLOGY LABS

STD LABS

Other Labs

DPP LABS

PEDIATRIC

URINE TESTS

File View Action Options

View Orders

Active Orders (includes)

Service

Nursing

Consults

Consults

Consults

Consults

Write Orders

Consult Requests

Dressing Change

EKG ORDER

Immunization Order

Labs

Medications

Xray Orders

WOODHULL,KIMBERLY D OKCHASMMAN.OKLAHOMA.IHS.GOV HASKELL 01-May-2012 12:51

28

IHS-EHR
HASKELL INDIAN CENTER
USER: WOODHULL,KIMBERLY D

User
Patient
Refresh Data
Clear
Websites
Tools
Help

Patient Chart
Communication
RPMS
UpToDate
RCIS

Demo Patient Anna
999992 01-Jan-2001 (11) F

PHARMACY
WOODHULL,KIMBERLY D

04-May-2012 16:41
Ambulatory

Primary Care Team Unassigned

Problem List
Adv
Diabetes Supplement
Pharm Ed

Privacy
Well Child
Referrals

Notifications
Cover Sheet
Summary

File
View
Action
Options

View Orders
Active Orders (includes)

Write Orders
Consult Requests
Dressing Change
EKG ORDER
Immunization Order
Labs
Medications
Xray Orders
Clinic medication or

Service	Order	Status
Nursing	>>	active
Consults	BEI Ch	active
Consults	SM Cor	pending
Consults	CH Ch	pending
Consults	PA Cor	pending
Consults	CH Ch	pending
Consults	CH TO	pending
Consults	NU	pending

WOMEN'S HEALTH LABS

FASTING	HORMONE EVAL
PAP	ESTRADIOL
HPV ONLY R5572725	FSH R3601200
GC/CHLA (RML) R5560330	LH R3601750
LDL DIRECT	PROGESTERONE R200
TOTAL CHOLESTEROL R20	PROLACTIN R3602400
HGB A1C(ON)	TESTOS WM TOTAL
GLUCOSE REF (FASTING)	TESTOS FR/TOT/SHBG
WET PREP	TESTOS BIOAVAILABLE
VIRAL CULTURE R6000450	DHEA
VAGINAL CULTURE	17 HYDROXYPROGEST
OCCULT BLOOD (DONE IN	
OCCULT BLOOD (3 SENT H	
VIT D TOTAL	FREE T4 R4502550
URINE DIPSTICK	FREE T3 R3606325
QUANT HCG	TSH R4501925
PREGNANCY TEST	
UA CULTURE	TISSUE R8090000
CA 125	
VENIPUNCTURE	
PN LABS	
PRENATAL PROFILE	
PN OTHER	
STD X4 BLOOD	
WHOLE BLOOD GLUCOSE	
RUBELLA ABY R5518900	
GLUCOSE TOLERANCE 3 H	
ABO/RH TYPE AND ABY SC	
CBC (IN HOUSE)	

WOODHULL,KIMBERLY D
OKCHASMMAN.OKLAHOMA.IHS.GOV
HASKELL
04-May-2012 16:46

IHS-EHR HASKELL INDIAN CENTER USER: WOODHULL,KIMBERLY D

User Patient Refresh Data Clear Websites Tools Help

Patient Chart Communication RPMS UpToDate RCIS

Demo Patient Allen
999997 01-Jan-2001 (11) M

PHARMACY 01-May-2012 12:38
WOODHULL,KIMBERLY D Ambulatory

Primary Care Team Unassigned

Pro Diabetes Supplement

Reports Consults

Notifications Cover S

File View Action Optic

View Orders
Active Orders (includes

PN PROFILE SET

- ☐ HIV 5670000
- ☐ HEP C ABY R559
- ☐ URINE CULTURI
- ☐ GC/CHLA (RML)
- ☐ GESTATIOANL G
- ☐ ABORH GROUP
- ☐ ANTIBODY SCRE
- ☐ CBC SYSMEK
- ☐ HEP B SA
- ☐ RPR RFX FTA
- ☐ A1C IN HOUSE
- ☐ RUBELLA AB

Stop Order Set

Order a Lab Test

Available Lab Tests

- HIV 1/0/2 ANTIBODIES R567000
- HIV 1/0/2 ANTIBODIES R567
- HIV ANTIBODY
- HIV EIA <HIV ANTIBODY>
- HIV IN-HOUSE
- HIV PCR RNA QNT(US) R
- HIV PCR RNA QUANT-2ND G
- HIV REPEAT R3608375
- HIV RNA BY PCR QUANTITA

Collect Sample BLOOD (MARBI)

Specimen BLOOD

Urgency ROUTINE

Enter order comment:

Collection Type Send Patient to Lab

Collection Date/Time T

How Often? ONCE

How Long?

Clinical Indication:

HIV 1/0/2 ANTIBODIES R5670000 BLOOD SP ONCE

Accept Order

Quit

CMP R2006075

Done

ONE R2001
3602400
TOTAL
OT/SHBG
AVAILABLE
PROGEST
2550
6325
5
0000

status
active
ending
ending
ending
ending

WOODHULL,KIMBERLY D OKCHASMMAN.OKLAHOMA.IHS.GOV HASKELL

RESULTS OF BUNDLED LABS

- ◉ Prenatal patients
 - 100% screening rate
- ◉ STD+ patients
 - 96% screening rate

FOLLOW UP STD/STI PATIENTS

- ◉ Lab uses a notification to alert Infection Control Officer for all positives
- ◉ Patient recalled
- ◉ Treatment
 - Nurse enters order
 - Writes note and attaches provider
 - Pharmacy fills medication under provider name

FOLLOW UP STD/STI PATIENTS

- ◉ Further testing (if indicated)
- ◉ Education/counseling
- ◉ Partner information/Notification
- ◉ Reporting

TREATING PARTNERS

- Patients encouraged to bring partner with them for testing and treatment
- Non-Native American contacts
 - No testing
 - Treatment provided

3 MONTH CHLAMYDIA AND GONORRHEA SCREENING PROJECT FOR 16-25 YEAR OLDS AT CROWNPOINT HOSPITAL

Laura Veal, FNP, MPH

CROWNPOINT, NM

- ◉ Comprehensive facility with inpatient services, ER, urgent care, primary care, pediatrics, dental, optometry, etc.
- ◉ Catchment area of 20,000 pts



WHAT

- ◉ July 1st 2011 through September 30th 2011
Crownpoint Hospital initiated a policy of routinely screening all urines submitted by persons aged 16-25 for chlamydia and gonorrhea.
- ◉ Anytime a patient in that age range submitted a urine sample for any reason (for example abdominal pain, pregnancy test, sports physical, etc.) the nurse or provider also ordered chlamydia and gonorrhea testing, unless the patient refused.

WHY

- ◉ In 2010 and 2011 we increased our efforts to make HIV screening routine, but had trouble getting buy-in from staff.
- ◉ We did CT/GC screening with the intent that testing for other more common STDs would generate awareness and concern about HIV as well, and would also help to identify at risk individuals.

WHERE

- ◉ Care settings for this age group included pediatric and adult continuity clinic and urgent care.
- ◉ The pediatric team consists of 2 pediatricians, one midlevel provider, 2 RNs and a health tech.
 - EHR
 - Teen Screen Button
- ◉ Urgent care
 - mainly staffed by locum tenens (contract) physicians
 - no EHR

HOW

- ◉ Signs were posted in all hospital toilets notifying patients of this policy
- ◉ The testing was also discussed during the clinic visit - patients had the opportunity to opt out.
- ◉ No additional consent was obtained.
- ◉ Data collection was done retrospectively using data from LabCorp and EHR.

SUCCESSSES

- ◉ Females 16-25 screened for chlamydia improved markedly
 - 33% in Aug 2010 as compared to 54% in Aug 2011
- ◉ Within the pediatric clinic, not a single patient chose to opt out of the testing.
- ◉ No resistance to the project was voiced by parents.
- ◉ Overall, for GPRA 2011 Crownpoint screened 55% of females (any age) for STIs
 - higher than the national average of 31%.

CHALLENGES

- ◉ No overall increase in the number of chlamydia tests
- ◉ Males (5% of the total # of tests done)
- ◉ Peds Clinic vs. Urgent Care
- ◉ Cost

TAKE HOME MESSAGE

- ◉ Entre into these sensitive discussions
 - “We are checking everyone for this; we are not picking on you.”
- ◉ Ease
 - urines were already being submitted for other reasons
 - no additional consent.
- ◉ Patient education and community awareness
 - "What is chlamydia?"
 - "Is there a lot of that around here?"