

# **FOCUS: Routine HIV/HCV and Linkage to Care Program**

**Homestead Hospital**

April 26, 2017

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# About FOCUS

**On the ...**

**F***rontlines*

**O***f*

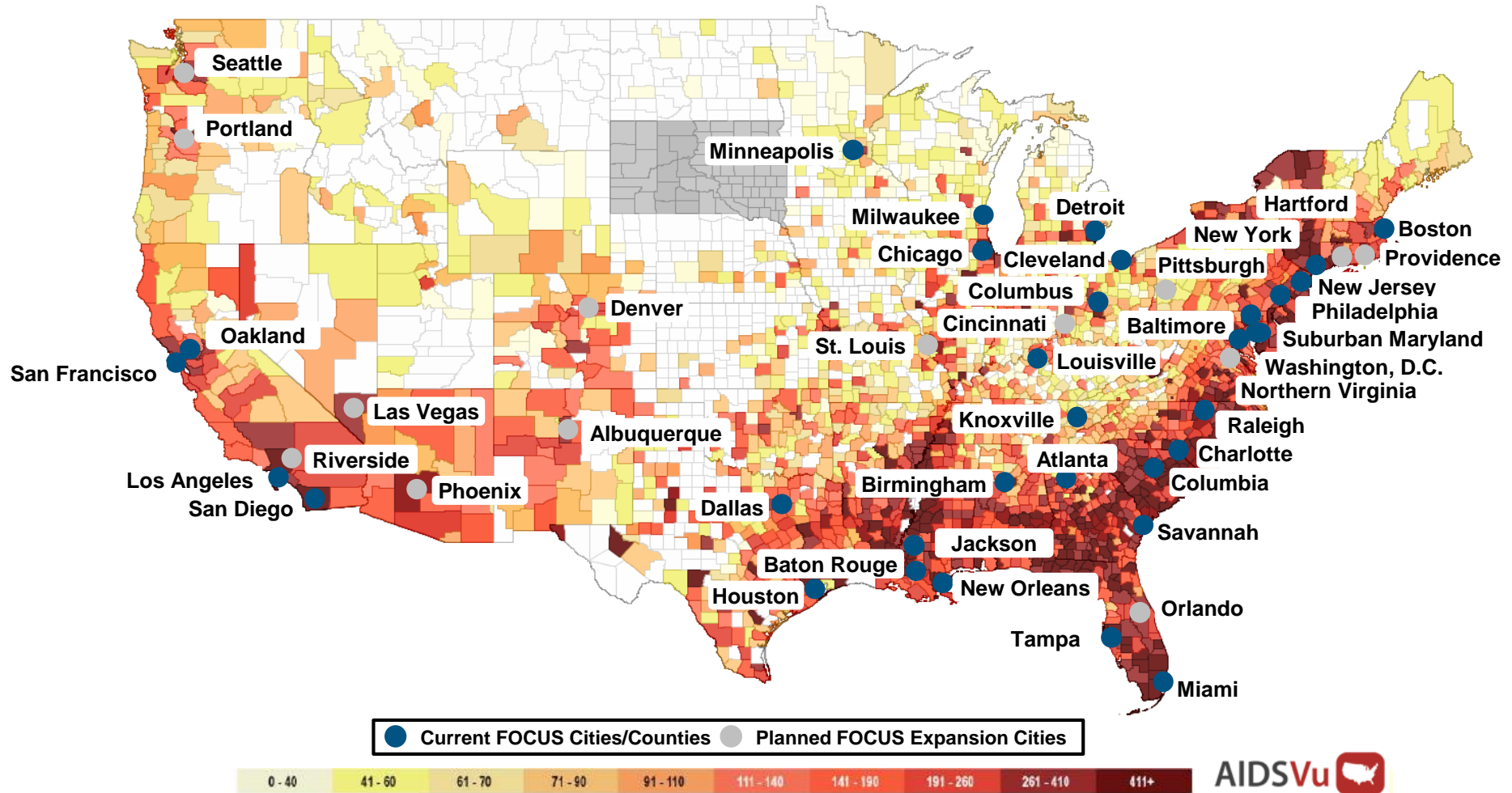
**C***ommunities in the*

**U***nited*

**S***tates*

- A program by Gilead Sciences
- *Works with partners* to develop and share *replicable* model programs that embody *best practices* in HIV and HCV screening and linkage to care
- Diverse range of partners across 55 cities/counties

# FOCUS Presence



# Policy Driven Screening Program

## HIV Testing



This facility performs HIV testing as part of routine healthcare as recommended by the U.S. Centers of Disease Control and Prevention (CDC) in its 2006 Revised Recommendations for HIV Testing and as provided for in Florida Statute 381.004(2)(a)1.

We perform routine HIV tests on our patients so that we can try to identify people who have HIV and diagnose them so they can seek treatment and reduce their risk of transmitting HIV to others.

Our medical providers will order an HIV test only if additional blood tests also are being performed during your Emergency Department visit. If you do not want to be tested for HIV, you must tell the medical provider or nurse who notifies you about performing the HIV test.

- All HIV positive test results will be reported to the county health department with sufficient information to identify the test subject.
- For anonymous testing, please ask a staff member for a list of sites at which anonymous testing is performed, including the locations, telephone numbers, and hours of operation of the sites. You may also visit: **TestMiami.org** or call **305-643-7420** for additional information.

**“As hospital policy, today an HIV test will be included as part of your blood tests, unless you refuse. Do you have any questions?”**

**First phase:**

**Soarian modifications**

The screenshot shows a web-based form titled "HIV Screening Notification". At the top, there is a header bar with the title. Below it, a date field is set to "03/21/2016" and a "Collected Time" field is set to "11:00". A red box highlights the text "Patient was informed and did not refuse the test". Below this, there is a list of radio button options: "Yes", "No, patient refused. Not offered. No other blood draw ordered.", "HIV+", "Recently tested", "Not at Risk", "Afraid of someone finding out result", "Does not want to know", "Cost", "Refused to provide reason", "Patient medically unable to consent", and "Other". A section labeled "Reasons for patient refusal" contains a list of radio button options: "HIV +", "Recently tested elsewhere", "Not at risk", "Doesn't want to know results", "Refused to provide reason", and "Other:". At the bottom, there is a "Comments/other reasons" text area, a "Status" dropdown menu set to "Complete", and fields for "Entered By" (ednursem) and "Entered For".

**Second phase:**

**Cerner Millenium: September 2016**

The screenshot shows a web-based form titled "HIV Screening Notification". At the top, there is a header bar with the title. Below it, a date field is set to "03/21/2016" and a "Collected Time" field is set to "11:00". A red box highlights the text "Patient was informed and did not refuse the test". Below this, there is a list of radio button options: "Yes, order test", "No, patient refused (indicate reason/s why below)", and "Not informed of policy (indicate reason/s why below)". A section labeled "Reason patient refused:" contains a list of radio button options: "HIV +", "Recently tested elsewhere", "Not at risk", "Doesn't want to know results", "Refused to provide reason", and "Other:". At the bottom, there is a "Comments/other reasons" text area, a "Status" dropdown menu set to "Complete", and fields for "Entered By" (ednursem) and "Entered For".

# Homestead Hospital FOCUS

HIV	Total
HIV Tests Performed	8,337
HIV Positive Patients Identified Through Testing	76
HIV Positives Identified and Linked to Care	58
HCV	Total
HCV Ab Tests Performed	8,337
HCV Ab Positive Patients Identified Through Testing	271
HCV RNA Positive Patients Identified Through Testing	163
HCV RNA Positives Identified and Linked to Care	60

Data represents findings from June 2016 – March 2017

# HIV: Who We Are Reaching

## Female, early 30s



- Presented with: pneumonia
- 1 prior health system admission within 5 days
- 2 previous ED visits

## Female, early 20s



- Presented with: pregnancy related symptoms
- 5 previous health system visits
- Reported no known risk factors

## Female, early 20s



- Presented with: syncope
- Also diagnosed with early pregnancy
- Previous urgent care visit
- Acute positive

## Male, early 20s



- Presented with: headache and intractable pain
- No history of testing



# Continuous Quality Improvement

**ED Triage Part 1**

**Chief Complaint**  
Patient c/o left lower back pain since Saturday.

**Onset Date/Time**  
[Date Picker] [Time Picker]

**Mode of Arrival**  
☐ Ambulance  
☐ Air Transport  
☐ Carried  
☐ Police  
☐ Private vehicle  
☐ Walking  
☐ Wheelchair

**History Obtained From**  
☒ Patient  
☐ Parent  
☐ Guardian  
☐ Other:

**Travel Outside US last 30 days**  
☐ Yes, patient  
☐ Yes, family member  
☒ No  
☐ Unable to obtain

**EMS Service**  
[Text Field]

**Temporal Artery**  
[Text Field] Deg C

**Tympanic**  
[Text Field] Deg C [Text Field] Deg F  
[Text Field] Deg C

**Oral**  
[Text Field] Deg C

**Rectal**  
[Text Field] Deg C

**Axillary**  
[Text Field] Deg C

**Blood Pressure**  
Systolic / Diastolic  
[Text Field] mmHg / [Text Field] mmHg

**Peripheral Pulse Rate**  
[Text Field] bpm

**Resp Rate**  
[Text Field] br/min

**O2 Sat**  
[Text Field] %

**O2 Flow**  
[Text Field] L/min

**Pain Score**  
☒ Numeric  
☐ FACES  
☐ FLACC

**Oxygenation**  
☒ Room air  
☐ Nasal cannula  
☐ Aerosol mask  
☐ Bag Valve Mask  
☐ Bland nebulizer  
☐ Blow-by  
☐ Face shield  
☐ Face tent  
☐ High-Flow nasal cannula  
☐ High-Flow nebulizer  
☐ Humidification  
☐ Nonrebreather mask  
☐ Partial rebreather mask  
☐ Room air trial while sleeping  
☐ Room air trial with activity  
☐ Room air trial with saturation  
☐ Simple mask  
☐ Mask  
☐ T-Piece  
☐ T-piece resuscitator  
☐ Trach-mask

**Do you consent to receive blood products?**  
☐ Yes  
☐ No  
☐ Unable to obtain

**Suspected Sources of Infection**  
☐ Document sources

**Triage Interventions**  
☐ Open triage intervention

**Triage Assessment**  
☐ Open triage assessment documentation

**Allergies/Home Medications**  
☒ Document assessment

**Weight**  
[Text Field] kg [Text Field] lb [Text Field] oz

**Height**  
[Text Field] cm

**BMI**  
[Text Field]

**Tracking Acuity**  
Tracking Acuity:  
[Text Field] 4 - Semi-urgent

**Reason For Visit**  
☐ ESI Calculator

**Mark all as Reviewed**

**Diagnosis (Problem) being Addressed this Visit**  
Add Modify Convert Display: All


Priority	Annotated Display	Condition Name	Date	Code	Clinical Dx
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Is it possible to add the ED HIV Screening Form to ED Triage Part 1 or Part 2?


(even if it is not a yellow / mandatory field)




# EHR to Streamline HIV Screening Policy

 Medications (0)

 Patient Care (1)


 **Assessments (2)**


 Other (0)

Allegies: No Known Allergies

Patient Po...

MAR



 Refresh

☐ **Medications (0)**

☐ **Patient Care (1)**

☐ ED Document Falls Risk  
01/30/17 11:47:02 EST ; ED Document Falls Risk

☐ **Assessments (2)**

☐ ED Assessment Adult  
01/30/17 11:45:34 EST , Stop date 01/30/17 11:45:34 EST , Order placed due to patient arrival to the Emergency Department; ED Assessment Adult

☐ ED Triage Part 1  
1/30/2017 11:36

☐ **Other (0)**

**Is it possible to add "HIV Screening" as one of the assessments to be done (populates in the Activities Column)**

# Intervention: EHR Identification

## Identify

- Upon registration, an **EHR algorithm** automatically screens all patients presenting the ED for known HIV/HCV positive status

## Intervene

- Patients identified as HIV/HCV positive **trigger** a note for “H/A Care History Assessment” is sent to the Linkage to Care Specialist’s office

Print Date/Time  
03/02/16 11:38

UNIVERSITY OF ILLINOIS HOSPITAL & HEALTH SCIENCES SYSTEM

NAME: [REDACTED]	AGE: 28 Years	SEX: MALE	DOB: [REDACTED]
MRN1: [REDACTED]	LOCATION:	ROOM & BED: -	
ADMITTING DIAGNOSIS:			
SERVICE:	FIN CLASS:		
ATTENDING MD:	FIN NUMBER: [REDACTED]	ADMIT DATE: 03/02/16 11:37	

ORDERED: 03/02/16 11:38  
ORDERING MD: SYSTEM  
ENTERED BY: SYSTEM

### CONTINUUM OF CARE REQUISITION

ORDER: **Social Work Request (Inpatient)**

ORDER ID#: 1271486292

Ordered Date/Time:	03/02/16 11:38:02
When Consult to be done:	First Available Appointment
Reason For Consult:	<b>Patient needs H/A Care History assessment</b>
Stop Date/Time:	03/02/16 11:38:02
At Future Appointment?:	N

Entered by System,

# Documentation of HIV Care History

**HIV Care History - ZYZTEST, SMITH**

✓ ⌨ ⚙ ⏮ ⏭ ⏪ ⏩ ⏴ ⏵ ⏶ ⏷ ⏸ ⏹ ⏺ ⏻ ⏼ ⏽ ⏾ ⏿

\*Performed on: 01/08/2016 1542

**HIV Care History**

**HIV diagnosis**

☐ HIV positive result documented in EMR  
☐ Self reported HIV positive

**Diagnosis date**

01/08/2016

**HIV care history**

☐ Has never received care  
☐ Previously received care, no HIV provider now  
☐ Has HIV provider, but no visits in the past 6 months  
☐ Has HIV provider, and HIV care visit in the past 6 months  
☐ Other:

**HIV care provider**

☐ Yes  
☐ No

**HIV provider name and location**

**Last HIV care visit**

**ART status**

☐ Has never been prescribed ART's  
☐ Not currently on ART's  
☐ Prescribed ART's but poor adherence  
☐ Prescribed ART's and adherent  
☐ Other:

**Specify other treatment status**

**Needs to be connected with HIV care**

☐ Yes  
☐ No  
☐ Declined to be linked to

**Case manager**

☐ Yes  
☐ No

**Case manager name and location**



**Thank You and Questions**