

STAR
PROGRAM

SPECIAL
TREATMENT
AND
RESEARCH



D SUNY
DOWNSTATE
Medical Center
University Hospital of Brooklyn



SUNY Downstate Medical Center Care Cascade 2016

JAMEELA J. YUSUFF, MD MPH FACP

MEDICAL DIRECTOR STAR HEALTH CENTER

MARCH 15, 2018

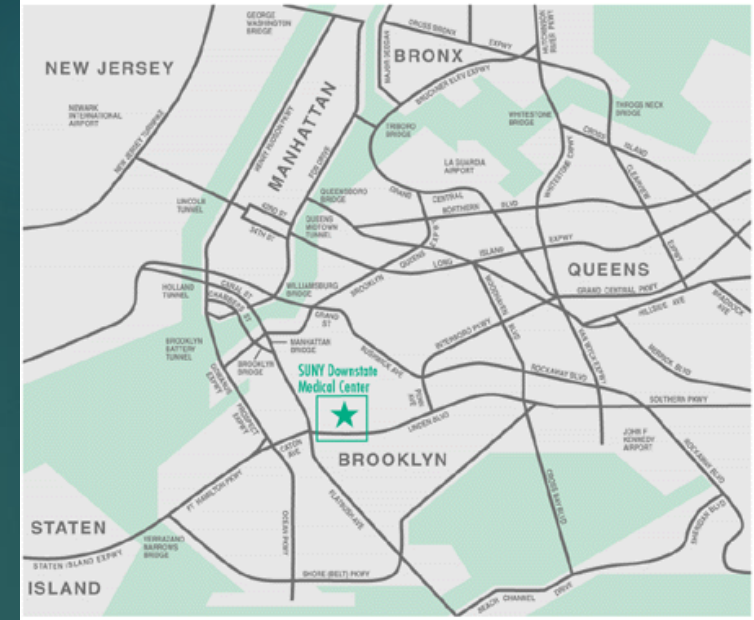
Clinic Overview

▶ STAR HEALTH CENTER

- ▶ 1300 patients
- ▶ PCMH Level 3
- ▶ HIV
- ▶ HCV
- ▶ PrEP-PEP
- ▶ Re-entry population
- ▶ Buprenorphine
- ▶ LGBT care
- ▶ MH/Psychiatric care

▶ HEAT

- ▶ 130 patients
- ▶ HIV
- ▶ PrEP-PEP
- ▶ Mental Health services
- ▶ LGBTQ care
- ▶ Outreach



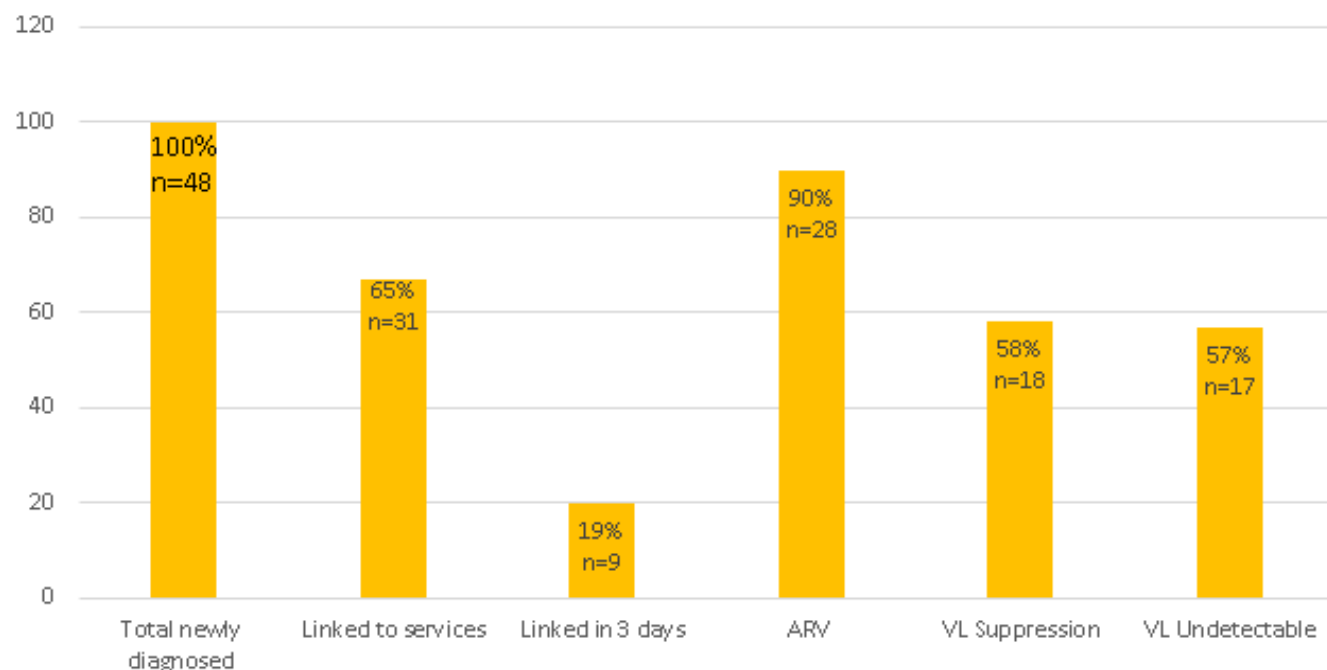
HIV Care Cascade for Newly Diagnosed Patient 2016



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Percentage of patients



LEGEND:

Total Newly Dx: Total number of patients newly diagnosed in 2016

Linked to services: Total number of newly diagnosed link to HIV care in 2016

Linked in 3 days: Total number of newly diagnosed patients link to HIV care with medical visit within 3 days

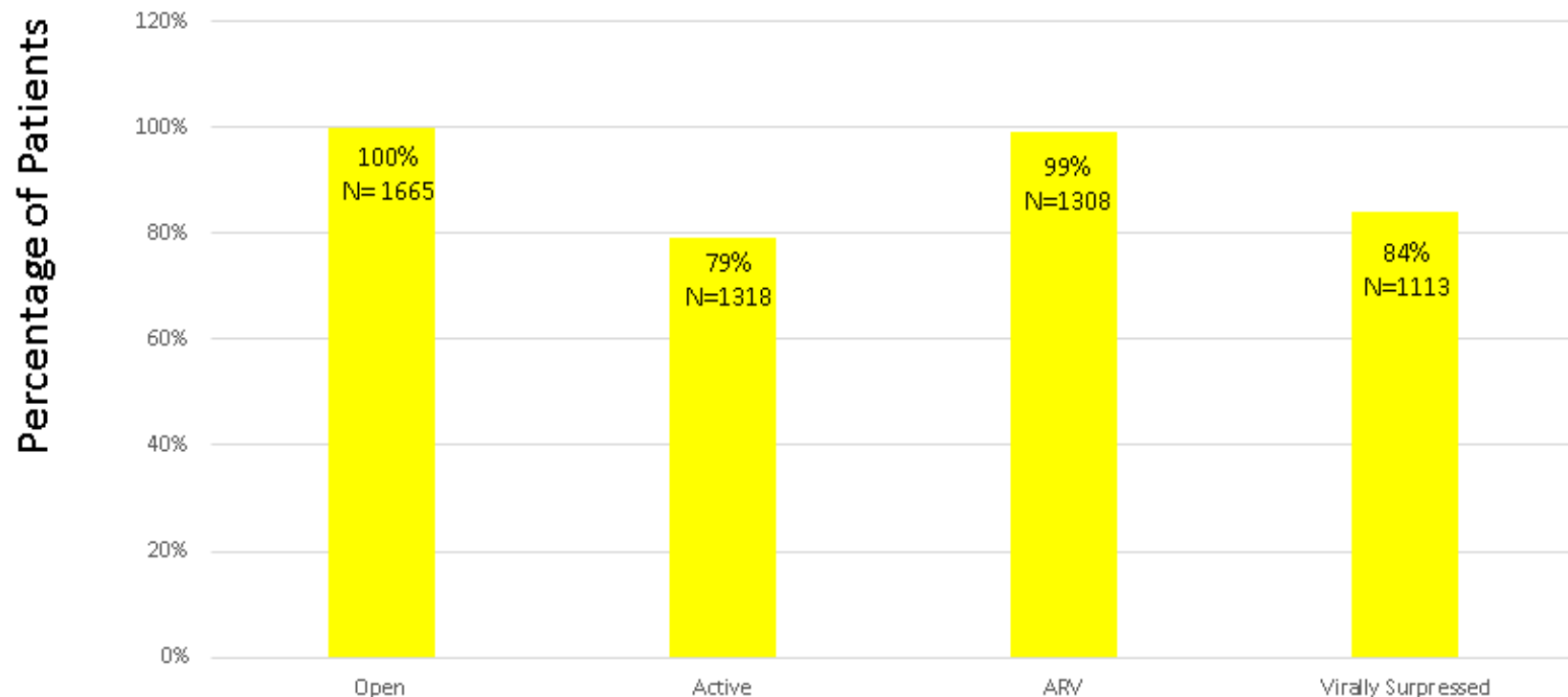
ARV: Total number of newly diagnosed patients on ARV

VL suppression: Total number of newly diagnosed patients on ARV with VL<200

VL Undetectable: Total number of newly diagnosed patients on ARV with VL<20

Data Source: EMR, Healthbridge, Office Practicum, Cerner and T-System

HIV Care Cascade for Established Patient 2016



LEGEND:

Open: Total number of HIV patients seeking care in 2016

Active: Total number of HIV patients enrolled in the Adult and Pediatric HIV clinic

ARV: Total number of established patients on ARV

VL suppression: Total number of established patients on ARV with VL<200

Data Source: EMR, Healthbridge, Office Practicum, Cerner and T-System

HIV Care Cascade Implementation Plan

- ▶ Improve Linkage
 - ▶ STAR Connect Phone
 - ▶ Utilize Theradoc Application
- ▶ Improve Same Day Linkage
 - ▶ Inform Hospital of Same Day Appointment
- ▶ Reducing Open Cases
 - ▶ Capturing outside HIV provider

STAR CONNECT

STAR
PROGRAM

SPECIAL
TREATMENT
AND
RESEARCH

**Call, text or Tiger Text:
347-831-4244**

For Tiger text look for: Hector Ojeda-Martinez



Contact us if:

1. STAR patient is admitted to your service
2. New HIV diagnosis
3. HIV patient not linked to care
4. STAR patient about to be discharged



Improving Linkage: STAR Connect Goal

- ▶ Provide smooth transition of care from the outpatient setting to inpatient back to outpatient
- ▶ Decrease medication errors/lapses in ART
- ▶ Link newly diagnosed patients into care
 - ▶ Meet and greet arranged during inpatient stay
- ▶ Link existing HIV patients who are not engaged in care

Improving Linkage: STAR Connect Process

- ▶ MD Champion (former Hospitalist)—Dr. Ojeda Martinez
- ▶ Inservice Hospitalists about the goal and process
- ▶ Inservice residents
- ▶ Flyers placed in House Staff team room
- ▶ Flyers placed in Hospitalist work room

Improving Linkage: STAR Connect Findings

- ▶ Preferred method of contact:
 - ▶ TIGER TEXT (HIPAA Compliant text messaging)
- ▶ 25 separate patient communications –split between newly diagnosed and re-engaging
- ▶ 3 medication errors identified
- ▶ 7 linked to clinic, rest were in care elsewhere or opted to f/u elsewhere

JAMEELA YUSUFF
03/06/2018
SUNY
Time Zone:
US/Eastern

ALERT REVIEW



View: HIV Patients (S MOY) **

View Manager

Hide Criteria

This View: Save As Preview

Table of Contents

- Infection Control Assistant
- Alert Review**
- Alert Subscription
- Antibiogram
- Encounters/Beds/Demographics
- Lab Review
- Medications
- Microbiology Review
- Online Help
- Patient Search/Roster/PID
- Radiology Review
- Roster Print
- Rounds Assistant
- Bed Trace
- Dashboard
- Devices - Aggregate
- Devices - Patient
- Devices - Patient Report
- ID Summary
- Patient Days
- Patient Flag Report
- Patient Flags
- Patient Trace
- Quick Guides

Time Range Selection ?

Last x ...

Last 14 Days

- Alert Selection** ?
- Alert Groups / Alerts**
- ADT (8)
 - Cardiac enzymes (4)
 - Chemistries (12)
 - Coagulation (15)
 - Drug Levels (53)
 - EZ Alerts (61)
 - Electrolytes (12)
 - Endocrinology (4)
 - Flag & Isolation Alerts (61)
 - Hematology (13)
 - Hepatology (10)
 - Infection Related Death (2)
 - Notifiable Diseases (93)
 - Notifiable Disease: AIDS *i*
 - Notifiable Disease: Acid Fast Bacilli *i*
 - Notifiable Disease: Amebiasis *i*
 - Notifiable Disease: Anthrax *i*
 - Notifiable Disease: Babesiosis *i*
 - Notifiable Disease: Blastomycosis *i*
 - Notifiable Disease: Botulism *i*
 - Notifiable Disease: Brucellosis *i*

Patient Selection ?

Institution:

SUNY

Roster:
 Patient Location:
 Current Patient:
 Specified Patient:
 All Patients
 All Patients
 Defined Populations

Documentation Status ?

Undocumented
 Documented by Me
 Documented by Someone

Alert Status ?

Active
 Retracted

Suppress Status ?

Not Suppressed
 Suppressed

new layout

JAMEELA YUSUFF
03/06/2018
SUNY
Time Zone:
US/Eastern

ALERT REVIEW

View: HIV Patients (S MOY) ** View Manager

Show Criteria

49 Alerts Found

Last 90 Days
All Patients
Alert Institution: SUNY
Alert Status: Active
Intervention Status: Undocumented, Not Dismissed by Me, Not suppressed
Sorted by: Alert Name

Print Report

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Alert Time	Alert																										
12/06/2017 13:41	<p>Notifiable Disease: HIV i Admit Diagnosis: SYNCOPE,LYMPHOMA</p> <p>Patient demographics</p> <p>A positive result for HIV AB confirmatory test suggests that HIV may be present.</p> <table border="1"> <thead> <tr> <th>Order/Culture</th> <th>Result</th> <th>Source</th> <th>Collected</th> <th>Result Status (Date/Time)</th> <th>Specimen #</th> <th>Ordering Provider</th> </tr> </thead> <tbody> <tr> <td>HIV antibody confirmatory test</td> <td>HIV AB confirmatory test = HIV-1 Positive (HIV negative)</td> <td>BLOOD</td> <td>12/06/2017 05:53</td> <td>F (12/06/2017 13:41)</td> <td>2017340000586</td> <td>James-Goulbourne,Tracian,</td> </tr> </tbody> </table> <p>Active Antiviral Orders:</p> <table border="1"> <thead> <tr> <th>Drug</th> <th>Dose</th> <th>Start</th> <th>End</th> <th>Status</th> <th>Pat Class</th> </tr> </thead> <tbody> <tr> <td colspan="6" style="text-align: center;">None found.</td> </tr> </tbody> </table> <p> Lab Review Microbiology Review Bed Trace Medications Patient Flags Demographics </p>	Order/Culture	Result	Source	Collected	Result Status (Date/Time)	Specimen #	Ordering Provider	HIV antibody confirmatory test	HIV AB confirmatory test = HIV-1 Positive (HIV negative)	BLOOD	12/06/2017 05:53	F (12/06/2017 13:41)	2017340000586	James-Goulbourne,Tracian,	Drug	Dose	Start	End	Status	Pat Class	None found.					
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Drug	Dose	Start	End	Status	Pat Class																						
None found.																											

Alert Time	Alert							
12/08/2017 12:06	<p>Notifiable Disease: HIV i Admit Diagnosis: N/A</p> <p>Patient demographics</p> <p>A positive result for HIV AB confirmatory test suggests that HIV may be present.</p> <table border="1"> <thead> <tr> <th>Order/Culture</th> <th>Result</th> <th>Source</th> <th>Collected</th> <th>Result Status (Date/Time)</th> <th>Specimen #</th> <th>Ordering Provider</th> </tr> </thead> <tbody> </tbody> </table>	Order/Culture	Result	Source	Collected	Result Status (Date/Time)	Specimen #	Ordering Provider
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ACTIVE

ACTIVE

new layout

Informing Hospital of Same-Day Appointment Availability

- ▶ PCMH status
- ▶ STAR Health Center—Staff meeting
- ▶ Meet-Greets with key departments—
 - ▶ Internal medicine clinics, family practice, ER, Hospitalists
- ▶ Ambulatory Care Quality Meeting
- ▶ Attendings—ID lectures to housestaff
- ▶ Clinic brochures/other clinic giveaways (pen/gum/sanitizers, etc)

CREATE Preview

Date of Service : 08 - 16 - 2017

Time : 16 : 47

Document Info

- ▶ HPI
- ▶ ADVANCE DIRECTIVE
- ▶ PROBLEM LIST
- ▶ SIGNIFICANT EVENTS
- ▶ PFSH
- ▶ SELF MANAGEMENT
- ▶ ALLERGIES
- ▶ OUTPATIENT MEDS
- ▶ ROS
- ▶ PHYSICAL EXAM
- ▶ HEALTH MANAGER
- ▼ SCREENING
 - Heart Disease/Cholesterol
 - TB Risk Assessment
 - STD/HIV Risk Assessment**
 - Immunizations
- ▶ BODY IMAGES
- ▶ LABORATORY RESULTS
- ▶ OTHER RESULTS
- ▶ DX, ORDERS, RX

Retrieve Last Charted...

Insert Default Values

Clear Unsaved Data

Copy Forward Refer to Note Preview Modify Template Acronym Expansion

Have you ever had an HIV test? yes... no

When?

Was it positive or negative? Positive... Negative

Are you connected to services? yes... no

When?

Where?

Are you sexually active with and HIV+ person? yes no unknown

Any History of Post-Exposure Prophylaxis (PEP)? yes no unknown

STD/HIV Risk Assessment Comments

Is the patient a good candidate for being offered Pre-Exposure Prophylaxis (PrEP)? yes... no

PrEP Screening At risk accepted At risk refused Other

Referred to HEAT STAR

We offer HIV testing to yes no, patient declined HIV testing.

Improving Open Case EMR Optimization

PHYSICAL EXAM

HEALTH MANAGER

SCREENING

- Heart Disease/Cholesterol Ris
- TB Risk Assessment
- STD/HIV Risk Assessment**
- Immunizations

BODY IMAGES

LABORATORY RESULTS

OTHER RESULTS

DX, ORDERS, RX

HIV test?

When?

Was it positive or negative? Positive... Negative

Are you connected to services? yes... no

Referred to: HEAT STAR

Sunrise Clinical Manager

SCM Notice

Please call 917-757-0107 to refer clients 25 years and up to the STAR Program for HIV care and treatment, transgender services, and sexual health assessment.

OK

Alert Summary

Ack...	Vie...	Doc...	Alert	Priori...	Type	Comment	Scope
✓	✓		Orders Entered from Document	LOW	WARNING		Chart

Alert: Orders Entered from Document

Message: The following Orders will be created
Referral - HIV Clinic STAR

[Expand](#)

Acknowledgement Comment:

- Acknowledge when seen
- Acknowledge all on Proceed

Unacknowledge

<< Previous

Alert 1 of 1

Next >>

To continue with the Save Structured Note unchanged click Proceed.

Proceed

To return to the Save Structured Note and discard alerts click Go Back.

Go Back

Help



Thank you!

Jameela Yusuff 718-270-6747

Jameela.Yusuff@downstate.edu