SUNY Downstate Medical Center
Care Cascade 2016
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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

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

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
Notifiable Disease: HIV

Admit Diagnosis: SYNCOPE,Lymphoma

A positive result for HIV AB confirmatory test suggests that HIV may be present.

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 05:55 | F (12/06/2017 13:41) | 2017340000586 | James Goulbourne, Traciann |

Active Antiviral Orders:

<table>
<thead>
<tr>
<th>Drug</th>
<th>Dose</th>
<th>Start</th>
<th>End</th>
<th>Status</th>
<th>Pat Class</th>
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</thead>
</table>

None found.
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)
<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
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<tbody>
<tr>
<td>Have you ever had an HIV test?</td>
<td></td>
<td></td>
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<tr>
<td>When?</td>
<td></td>
<td></td>
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<tr>
<td>Was it positive or negative?</td>
<td></td>
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<tr>
<td>Are you connected to services?</td>
<td></td>
<td></td>
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<tr>
<td>When?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Where?</td>
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<tr>
<td>Are you sexually active with and HIV+ person?</td>
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<tr>
<td>Any History of Post-Exposure Prophylaxis (PEP)?</td>
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<tr>
<td>Is the patient a good candidate for being offered Pre-Exposure Prophylaxis (PrEP)?</td>
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<tr>
<td>PrEP Screening</td>
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</tbody>
</table>

- **STD/HIV Risk Assessment Comments**: 

- **Is the patient a good candidate for being offered Pre-Exposure Prophylaxis (PrEP)?**: 
  - **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
<table>
<thead>
<tr>
<th>Ack...</th>
<th>Vis...</th>
<th>Doc...</th>
<th>Alert</th>
<th>Prior...</th>
<th>Type</th>
<th>Comment</th>
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<td>✓</td>
<td>✓</td>
<td></td>
<td>Orders Entered from Document</td>
<td>LOW</td>
<td>WARNING</td>
<td></td>
<td>Chart</td>
</tr>
</tbody>
</table>

**Alert:** Orders Entered from Document

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

**Acknowledgement Comment:**

To continue with the Save Structured Note unchanged click Proceed.
To return to the Save Structured Note and discard alerts click Go Back.
Thank you!
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Jameela.Yusuff@downstate.edu