HEPATITIS C SCREENING IN THE SANTA CLARA COUNTY JAIL: UPDATE AND PROGRESS

2019 7TH ANNUAL NATIONAL HEPATITIS CORRECTIONS NETWORK MEETING

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SANTA CLARA COUNTY JAIL

Annually: ~24,000 unique individuals
- 11,000 incarcerated >72 hours

Average daily census: 3,200 – 3,600 persons

Average length of stay: 195 days
CURRENT SCREENING PATHWAYS

- Patient request for screening: HIV, HCV, STIs
- Patient reports any chronic condition in booking
- Medical appointment scheduled
- Labs ordered
- Disclosure of results
- Treatment as indicated
MISSED OPPORTUNITIES FOR SCREENING

- Patient request for screening: HIV, HCV, STIs
- Patient reports any chronic condition in booking

No request or chronic condition → Release before Appointment

MD appointment

Release before results → Disclosure of results

Medical appointment scheduled → Labs ordered → Treatment as indicated
EXPANDING SCREENING

Patient request for screening: HIV, HCV, STIs

Medical appointment scheduled

Opt-out screening offered within 3-7 days of booking

Disclosure of results

Additional labs ordered

Expanded linkage to care in the community

Treatment as indicated

Expanded linkage to care in the community

ONGOING CARE IN CUSTODY & LINKAGE AFTER RELEASE
CURRENT SCREENING RATES

2017: ~2300 tests run
- 21% screening rate for those in custody >72 hours
- 10% screening rate overall

9/2018 – 2/2019: ~1500 tests run → 50% increase in screening

GOAL: 6,600 test/year → ~200% increase in testing
BASELINE SCREENING DATA

KNOWN HIV AND HCV PREVELANCE

- HIV: 1%
  - (Santa Clara County ~ 0.17%)
- HCV antibody positive: 13%
SCREENING RESULTS 9/2018 – 2/2019 (N = 1528)

- 7% (n=109) HCV Antibody +
- 3.4% (n=52) Chronic HCV
- 0.7% (n=6) HIV
- 0.4% (n=3) HBV
RNA negative: 52% (n=57)

New diagnosis: 17% (n=19)

Acute Hepatitis C 2% (n=2)

Out of care: 30% (n=33)

HEPATITIS C ANTIBODY POSITIVE (N=109)
INCIDENT HIV/HCV DETECTED

- HCV antibody prevalence = 7% (n= 109)
  - RNA positive = 48% (n = 52)
- New chronic HCV = 1.2% (n= 19)
  - Acute HCV = 2
- HIV = 0.7% (n=6)
  - Acute HIV = 1
- Hepatitis B = 0.4% (n = 3)
EXPANDING SCREENING

FOCUS grant

Offer opt-out screening between 3-7 days of booking
  • 11,000 individuals annually

Anticipate 60% acceptance rate
SCREENING TARGETS

Projected new diagnoses yearly:

- HIV – 24
  - 2017: 6

- Hepatitis C Antibody – 400

- New Chronic Hepatitis C – 80
  - 9/2018 – 2/2019: 19
HEPATITIS C TREATMENT UPDATE

43 patients enrolled from 5/2016 – 3/2018

- 36 patients completed treatment
  - 29 Sustained virologic response at 12-weeks post-treatment
  - 5 released before 12-week post-treatment labs
    - All ND at end of treatment
  - 1 treatment failure
  - 1 Reinfection
- 5 patients on active treatment
- 1 discontinued due to non-adherence
- 1 released mid-treatment and lost to follow-up
## The Power of HCV Treatment

### Hepatitis C RNA, Quantitative, PCR

<table>
<thead>
<tr>
<th>Status: Final result</th>
<th>Visible to patient: No (Not Released)</th>
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<table>
<thead>
<tr>
<th>Ref Range &amp; Units</th>
<th>5d ago</th>
<th>3mo ago</th>
<th>1yr ago</th>
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<td>Hepatitis C Virus RNA PCR, Quant</td>
<td>&lt;12</td>
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Comment: Detected but not quantifiable

### Resulting Agency

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<th>VMC Lab</th>
<th>VMC Lab</th>
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