ALPHABET STUDY

A B C D

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RATES OF ACUTE HEPATITIS C IN PHILADELPHIA
CHANGE OF AGE DISTRIBUTION OF HEPATITIS C CASES OVER YEARS 2007-2015
RATES OF ACUTE HEPATITIS A & B IN PHILADELPHIA
QUESTIONS/ASSUMPTIONS

• PDPH estimates at least 5% of the Philly population has Hep A, B, C, and/or D… likely higher in PWID (people who inject drugs)

• Hep A outbreaks across the country, why not in Philly?

• Hep B has similar route of transmission to Hep C, why are we not screening as aggressively for it?

• Hep C rates are rising quickly

• Are we on the brink of an HAV outbreak like other big cities? Over reliance on past vaccination efforts for HBV?
WHAT WE HOPE TO GAIN

1. Understand these different infections in PWID in Philly
2. Understand how well vaccinated PWID are in Philly
3. Educate a high-risk population about viral hepatidities and prevention
4. Link People who are infected to care
5. Vaccinate vulnerable clients
6. Inform practice at PPP and across the city
7. Coordinate services with current C-Change project
HOW WE MADE IT HAPPEN

1. Told our story (inside and outside the health department)
2. Made a plan (identified specific asks and needs)
3. Asked for help
   - Hepatitis doesn’t have resources but we have social capital
   - Hep has worked to build relationships
HARM REDUCTION AND SENSITIVITY

• Volunteers and partners work with different populations
• Some programs and organizations are new to the concept
• Use this as a teaching opportunity
1. Trainings for internal staff to work at syringe service program
2. Worked with SSP staff to smoothly integrate new service
   1. We asked what they wanted
3. Coordinated with HBF with planning and staffing
ALPHABET STUDY

WE KNOW THAT HEPATITIS C IS COMMON

WHAT ABOUT HEPATITIS A, B, & D?

WE WANT TO KNOW HOW TO HELP OUR COMMUNITY

- Get tested for Hepatitis A, B, C, D
- Interview about exposure and history
- Learn about Hepatitis
- Get Vaccinated and Linked to Care!
- Learn more at PhillyHepatitis.org
- Recruiting on Monday, Tuesday, Thursday

IF INTERESTED: SIGN UP AT PREVENTION POINT

Contact Danica.Kuncio@Phila.gov for questions

THANK YOU FOR PARTICIPATING IN THE HEPATITIS ALPHABET STUDY.

YOU HAVE BEEN TESTED FOR HEPATITIS A, B, C, & D.

NEXT STEPS:

- Come back to Prevention Point Philadelphia in about 2 weeks for test results and linkage support.
- Look out for upcoming notices about our free follow-up vaccine clinic.
- Learn more at PhillyHepatitis.org

Contact Danica.Kuncio@Phila.gov for questions
ALPHABET

TEST A-D & TEACH

VACCINATE

LINK

C-CHANGE

RECRUIT HCV

EMPOWER

LINK

CURE
HEPAT - ITIS

CAUSES
WHAT DOES HEPATITIS LOOK LIKE?

Jaundice

Fever

Fatigue

Abdominal Pain

Grey Feces

Dark Urine
**HEPATITIS A**

**HOW DO YOU GET IT:**
- Fecal-oral
- Contaminated Food
- Household Contact

**WHAT DOES IT DO:**
Most adults experience symptoms
Acute infection, which usually resolves within 2 months

**HOW DO YOU STOP IT:**
- Improve Hygiene
- Vaccinate
- Access care if infected

**HEPATITIS B**

**HOW DO YOU GET IT:**
- Sexual Contact
- Infected Blood
- Bodily Fluids
- Mother to Child

**WHAT DOES IT DO:**
Life-long infection with no cure
Long-term infection leads to liver scarring and ultimately liver cancer
Often no symptoms

**HOW DO YOU STOP IT:**
- Vaccinate
- Practice Safe Sex
- Manage Your Infection
HEPATITIS C

HOW DO YOU GET IT:
- Dirty Works
- Infected Blood
- Sexual Contact

WHAT DOES IT DO:
Virus slowly attacks liver over the course of infection. Often no symptoms.
Long term infection leads to liver scarring and can cause liver cancer.

HOW DO YOU STOP IT:
- Use New Works!
- Practice Safer Sex
- New Treatments are EASY and available to EVERYONE!

There is a CURE!!!
# PREVALENCE OF HEP A, B, C, D

<table>
<thead>
<tr>
<th>Viral Hepatitides</th>
<th>N=384</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hep A</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Infection</td>
<td>0</td>
<td>0.0</td>
</tr>
<tr>
<td>IgM Positive - No Case</td>
<td>1</td>
<td>0.3</td>
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<tr>
<td><strong>Hep B</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Current infection</td>
<td>7</td>
<td>1.8</td>
</tr>
<tr>
<td>Past/cleared infection</td>
<td>77</td>
<td>20.3</td>
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<tr>
<td>No infection</td>
<td>295</td>
<td>77.8</td>
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<tr>
<td><strong>Hep C</strong></td>
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<td></td>
</tr>
<tr>
<td>Current infection</td>
<td>160</td>
<td>42.3</td>
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<tr>
<td>Past/cleared infection</td>
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<tr>
<td>Past or Current infection</td>
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<td>5.0</td>
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<tr>
<td>status unknown†</td>
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<td></td>
</tr>
<tr>
<td>No infection</td>
<td>153</td>
<td>40.5</td>
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<tr>
<td><strong>Hep D</strong></td>
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<td></td>
</tr>
<tr>
<td>Past/present infection</td>
<td>4</td>
<td>1.1</td>
</tr>
<tr>
<td>No infection</td>
<td>375</td>
<td>98.9</td>
</tr>
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</table>

*Where specimens were obtained and lab processing was completed
† HCV Antibody available, no confirmatory RNA

All results presented are preliminary and subject to change
# IMMUNITY OF HEPATITIS A & B

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<tr>
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</thead>
<tbody>
<tr>
<td><strong>Hep A</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Susceptible</td>
<td>186</td>
<td>48.4</td>
</tr>
<tr>
<td>Immune - vaccine or past exposure</td>
<td>198</td>
<td>51.6</td>
</tr>
<tr>
<td><strong>Hep B</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Susceptible</td>
<td>148</td>
<td>40.9</td>
</tr>
<tr>
<td>Immune - vaccine</td>
<td>153</td>
<td>42.3</td>
</tr>
<tr>
<td>Immune - past exposure</td>
<td>61</td>
<td>16.9</td>
</tr>
<tr>
<td>Susceptible to Hep A &amp; B</td>
<td>93</td>
<td>25.8</td>
</tr>
</tbody>
</table>

*Where specimens were obtained and lab processing was completed

All results presented are preliminary and subject to change
TAKEAWAYS

• Not as much current infection as expected
• A lot of past infection/exposure
• Lots of people with risk factors who are not vaccinated
• We are missing opportunities to protect high risk people!
• Can’t assume that everyone is vaccinated
NEXT STEPS

• Vaccinate susceptible participants against Hep A & B

• Link Hep B & C positive patients to care

• Work with Prevention Point Philadelphia to reinstate independent vaccination capacity
ALPHABET STUDY
FREE VACCINE
TO PROTECT YOU FROM: HEPATITIS A, B, & D

Vaccination Dates at Prevention Point
Tuesday, July 24: 12-2pm   Tuesday, July 31: 12-2pm
Thursday, July 26: 12-2pm  Thursday, August 2: 12-2pm
Friday, July 27: 12-2pm     Friday, August 3: 12-2pm

ASK AT THE FRONT DESK.

ALPHABET VACCINATION
FREE VACCINE
TO PROTECT YOU FROM: HEPATITIS A, B, & D

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SIGN UP AT THE FRONT DESK.
AKNOWLEDGMENTS

Department of
Public Health
CITY OF PHILADELPHIA

Danica Kuncio MPH
Mary Figgatt MPH
Eman Addish MPH
The HEP Team
Immunizations Team

Acute Communicable Diseases Team
Hospital Associated Infections Team
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Caroline Johnson MD
THANK YOU!