Timely screening of toddlers for perinatal Hepatitis C transmission

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A Disappearing Diagnosis

the tracking problem of perinatal Hepatitis C exposure

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Disclosures and Objectives

Nothing to disclose

Objectives

1. Review basics of perinatal hepatitis C
2. Understand the challenges of delayed screening for vertical transmission
3. Provide an example of a multi-faceted approach to improve screening for children with HCV exposure
An Introduction to Perinatal Hepatitis C

**Quick Facts**

- HCV is associated with IV drug use
- Increasing with opioid epidemic
- 5-10% vertical transmission
- Early onset liver fibrosis, cirrhosis, HCC
**Problem**

**Guidelines:** screen by antibody testing at 18 months

**Reality:** the diagnosis is inconsistently carried forward after birth. Children with documented exposure to HCV are not being screened.
QI Project Goals:

1. Increase **Problem List** utilization by newborn providers

2. Create an **automated reminder** for screening
Methods:

- Add Health Maintenance Item
- Education/Awareness
- Data
Results: Health Maintenance Item Created

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<th>Status</th>
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<th>Administration Date</th>
<th>Satisfy Reason</th>
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<td>MEDIUM</td>
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<td>Q 1 yr(s)</td>
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<td>Family History Performed Elsewhere</td>
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<td>Family History Form</td>
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<td>Testing Declined</td>
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<td>Defer to later date</td>
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<tr>
<td>Social History Required</td>
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<td>Student Health Questionnaire Form</td>
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<tr>
<td>Refused</td>
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<tr>
<td>Influenza Virus Vaccine Nasal Spray</td>
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</table>
Results: Raising Awareness

Who?
Medical Directors
- Inpatient &
- Outpatient
- Providers

What?
- Meetings
- Email reminders
- Fliers for workrooms
Results: Baseline Data

Proportion of HCV-Exposed Children Seen in UNM Clinics Tested for Antibody by Quarter

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<th>Count</th>
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<th>Linear (Ab Test Completed)</th>
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<td>Apr.19-Jun.19</td>
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<td>Jul.19-Sep.19</td>
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<tr>
<td>Nov.19-Feb.19</td>
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</table>
Results: Recent FOCUS Data

>18mo by exposure to HCV

- NR, or VL-Exposed
- Untested Mom

Documented in EMR: 6/8 (75%)
Tested for HCV: 7/8 (87%)
Conclusions

1. Improving Problem List Utilization
   - Ongoing effort
   - Templates are a barrier
   - Success in some clinics

2. Health Maintenance Tab
   - New item is active
   - hoping that this will help provide reminders
   - Dependent on Problem List accuracy

Baby with HCV exposure

Exposure Documented

Track diagnosis

Retain in Care

Test HCV at 18 mo
Thank You!

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References

