# A Pediatric Guide

## Caring for Infants Born to Hepatitis B Infected Mothers

<table>
<thead>
<tr>
<th>AGE</th>
<th>INTERVENTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birth (Within 12 hours)</td>
<td>Hepatitis B Immune Globulin (HBIG) <strong>AND</strong> Hepatitis B Vaccine Dose #1</td>
</tr>
<tr>
<td>1-2 Months</td>
<td>Hepatitis B Vaccine Dose #2*</td>
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<tr>
<td>6 Months</td>
<td>Hepatitis B Vaccine Dose #3</td>
</tr>
<tr>
<td>9-12 Months</td>
<td>Post Vaccination Serologic Testing (PVST) (HBsAg and anti-HBs) &lt;br&gt;<strong>Blood for the PVST should not be drawn before 9 months of age AND must be drawn a minimum of 30 days after final hepatitis B vaccine.</strong></td>
</tr>
</tbody>
</table>

*Low Birth Weight Infants (less than 4.4 lbs or 2,000 grams) should receive 4 doses of hepatitis B vaccine. The schedule for low birth weight infants is: HBIG & hepatitis B vaccine at birth, hepatitis B vaccine at 1 month, 2 months and 6 months.*

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### Interpretation of PVST Results

- **Hepatitis B Surface Antigen (HBsAg)**
  - **Positive**
    - Infected<br>Report to Public Health.<br>No additional vaccine needed.
  - **Negative**
    - Not Infected

- **Hepatitis B Surface Antibody (anti-HBs)**
  - **Positive**
    - Immune to hepatitis B
  - **Negative**
    - No Immunity

Send all PVST results to the Alaska Perinatal Hepatitis B Case Manager.

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For more information go to the [Alaska Perinatal Hepatitis B Prevention Program website](http://dhss.alaska.gov/dph/Epi/iz/Pages/hbv/default.aspx)