The National Committee for Quality Assurance (NCQA) developed Healthcare Effectiveness Data and Information Set (HEDIS) measures as a tool for performance improvement. Blue Cross and Blue Shield of Texas collects HEDIS data from providers to measure and improve the quality of care our members receive. The NCQA recommends tracking the HEDIS CIS measure.

**Why Is the HEDIS CIS Measure Important?**

Childhood vaccines prevent serious and potentially life-threatening diseases. Approximately 300 children die each year in the United States from diseases that can be prevented by vaccines. Immunizations are a critical aspect of preventive care for children and help prevent resurgence of disease.

**CIS Measure Description**

The measure evaluates the percent of children who had the following vaccinations and number of doses by their second birthday:

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Number of Doses (Schedule)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hepatitis B (HepB)</td>
<td>Three (Birth, 1-2 mos*, 6-18 mos)</td>
</tr>
<tr>
<td>Pneumococcal conjugate (PCV)</td>
<td>Four (2, 4, 6, 12-15 mos)</td>
</tr>
<tr>
<td>Diphtheria, tetanus and acellular pertussis (DTaP)</td>
<td>Four (2, 4, 6, 15-18 mos)</td>
</tr>
<tr>
<td>Inactive poliovirus (IPV)</td>
<td>Three (2, 4, 6-18 mos)</td>
</tr>
<tr>
<td>Haemophilus influenza type B (HIB)</td>
<td>Three (2, 4, 12-15 mos)</td>
</tr>
<tr>
<td>ActHIB, Hibercor or Pentacel</td>
<td>• (2, 4, 6, 12-15 mos)</td>
</tr>
<tr>
<td>PedvaxHIB</td>
<td>• (2, 4, 12-15 mos)</td>
</tr>
<tr>
<td>Measles, mumps and rubella (MMR)</td>
<td>One (12-15 mos)</td>
</tr>
<tr>
<td>Varicella/chicken pox (VAR or VZV)</td>
<td>One (12-15 mos)</td>
</tr>
</tbody>
</table>

*mos = months of age

**Medical Record Documentation and Best Practices**

- Discuss with our members the importance of vaccinations
- Build vaccine alerts in your electronic medical records
- Print and display or distribute immunization schedules available at the CDC
- Reach out to members who cancel or miss appointments and assist them with rescheduling as soon as possible

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**HEDIS® Tip Sheet**

**Childhood Immunization Status (CIS 3) Combination 3**

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**Coding Instructions**

Use CPT®, HCPCS and ICD-10 to close care gaps

**CPT Codes**

**Vaccine Combination Procedure**

- Pediarix® (DTaP-HepB-IPV): 90723
- Pentacel® (DTaP-HIB-IPV): 90698

**Vaccine Procedure**

- DTaP: 90700, 90721
- HiB: 90644-8, 90721, 90748
- HepB: 90740, 90744, 90747-8
- IPV: 90713
- MMR: 90707, 90710
- VZV: 90710, 90716

**ICD-10**

**Vaccine Procedure**

- Newborn HepB: 3E0234Z

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**Vaccine**

- Hepatitis B (HepB)
- Pneumococcal conjugate (PCV)
- Diphtheria, tetanus and acellular pertussis (DTaP)
- Inactive poliovirus (IPV)
- Haemophilus influenza type B (HIB)
- Measles, mumps and rubella (MMR)
- Varicella/chicken pox (VAR or VZV)

**Number of Doses (Schedule)**

- Three (Birth, 1-2 mos*, 6-18 mos)
- Four (2, 4, 6, 12-15 mos)
- Four (2, 4, 6, 15-18 mos)
- Three (2, 4, 6-18 mos)
- Three (2, 4, 12-15 mos)
- • (2, 4, 6, 12-15 mos)
- • (2, 4, 12-15 mos)
- One (12-15 mos)
- One (12-15 mos)

*mos = months of age

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[3] Any of the following counts: evidence of the antigen or combination vaccine


[5] The following also count for HepB, MMR and VAR/VZV: documented history of the illness or seropositive test result for each antigen