Childhood Immunization Status (CIS-E Combination 10)

Why it Matters

Vaccines help the immune system recognize and resist contagious diseases so babies and children stay healthy as they grow. The recommended immunization schedule is based on how a child's immune system responds to vaccines at various ages and how likely a child is to be exposed to each of the diseases. When enough people have enhanced immunity after vaccination, entire communities are protected.

aap.org

AAP Immunization Schedule

Eligible Population

Members who turn 2 years old during the measurement year.

Measure Description

The percentage of children 2 years of age who had the following immunizations completed prior to or on their second birthday:

- 4 DTaP (diphtheria, tetanus and acellular pertussis)
- 3 IPV (polio)
- 1 MMR (measles, mumps and rubella)
- 3 HiB (haemophilus influenza type B)
- 3 Hep B (hepatitis B)
- 1 VZV (chicken pox)
- 4 PCV (pneumococcal conjugate)
- 1 Hep A (hepatitis A)
- 2 or 3 RV (rotavirus)
- 2 Flu (influenza)

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Key Tips

- ✓ Review children's immunization records before every visit and administer scheduled vaccines. Document the name of the vaccination and the date given.
- ✓ Introduce the topic of vaccination with the assumption that most parents are planning to accept vaccines. State which vaccines the child needs to receive as though you presume that parents are ready to accept them during that visit.
- ✓ If parents are not ready to vaccinate, share your strong vaccine recommendation. Parents consistently rank their child's doctor as their most trusted source for vaccine information.
- ✓ Listen and respond to parents' questions. Address concerns or common misconceptions about vaccinations.
- ✓ Enter administered vaccinations into the state immunization registry.
- ✓ Consider implementing EMR alerts to flag when immunizations are due.
- ✓ Have prescheduled appointments for vaccines, along with reminders.
- ✓ Use measure codes listed below when submitting claims to make members compliant by administrative data.

Acceptable Documentation

- Notes in the medical record indicating both the name of the vaccine and the date given.
- Notes in the medical record indicating that the member received the immunization "at delivery," "at birth," or "in the hospital" may be counted toward the numerator for immunizations that do not have minimum age restrictions.
- Parent/caregiver-reported vaccines are acceptable if the specific vaccine and date the immunization was administered are documented by the PCP in the member's legal health record.

The following scenarios may also be used for gap closure if there is a note indicating the date of the event, which must have occurred by the member's second birthday:

- **DTaP:** encephalitis due to the vaccine.
- **Hep A, HepB, MMR, and VZV:** documented history of the illness.
- **All vaccines:** anaphylaxis due to the vaccine.

Not Acceptable Documentation

- Notation that does not clearly show the vaccines were administered ("up to date," "planned," "ordered," "recommended," "series complete," etc.).
- Parental refusal.

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Measure Codes

Note: Please reference the NCQA HEDIS Value Set Directory for full list of codes, including SNOMED CT codes and codes for gap closure through other events (e.g., history of illness, anaphylaxis, etc.)

DTaP	**CPT:** 90697, 90698, 90700, 90723 **CVX:** 20, 50, 106, 107, 110, 120, 146, 198	
HepA	**CPT:** 90633 **CVX:** 31, 83, 85	
HepB	**CPT:** 90697, 90723, 90740, 90744, 90747, 90748 **CVX**: 08, 44, 45, 51, 110, 146, 198 **HCPCS:** G0010	
HiB	**CPT:** 90644, 90647, 90648, 90697, 90698, 90748 **CVX:** 17, 46, 47, 48, 49, 50, 51, 120, 146, 148, 198	
Influenza	**CPT:** 90655, 90656, 90657, 90658, 90661, 90674, 90685–90689, 90756 **CVX:** 88, 140, 141, 150, 153, 158, 161, 171, 186, 320	
Influenza (LAIV)	**CPT:** 90660, 90672 **CVX:** 111, 149, 333	
IPV	**CPT:** 90697, 90698, 90713, 90723 **CVX:** 10, 89, 110, 120, 146	
MMR	**CPT:** 90707, 90710 **CVX:** 03, 94	
Varicella (VZV)	**CPT:** 90710, 90716 **CVX:** 21, 94	
Pneumococcal Conjugate (PCV)	**CPT:** 90670, 90671, 90677 **CVX:** 109, 133, 152, 215, 216 **HCPCS:** G0009	
Rotavirus	**Rotavirus (2 Dose)** **CPT:** 90681 **CVX:** 119	**Rotavirus (3 Dose)** **CPT:** 90680 **CVX:** 116, 122

Reference

[1]CDC: Reasons to Vaccinate, cdc.gov/vaccines-children/reasons/index.html