

Pneumococcal Vaccine Recommendations in ALERT IIS

ALERT IIS recommends vaccines based on a patient’s age, previous number of vaccines received, and dose spacing as specified by ACIP recommendations. The “PneumoConjugate” vaccine group displays recommendations for the pediatric series given to children under 5 years of age (PCV13 or PCV7). The “PneumoPoly 23” vaccine group correctly display recommendations for PCV13 and PPV23 vaccines for older adults, and PCV13 for children over 5 years old with an incomplete pediatric series.

Example histories and vaccine recommendations

Example 1: PneumoConjugate vaccine for a pediatric PCV13 series

Current Age: 5 years, 9 months, 26 days

Immunization Record

| Vaccine Group | Date Admin | Series | Vaccine [Trade Name] | Dose | Owned? | Reaction | Hist? | Edit |
|-----------------|------------|--------|----------------------|------|--------|----------|-------|------|
| PneumoConjugate | 10/31/2013 | 1 of 4 | PCV13 | Full | No | | | |
| | 02/05/2014 | 2 of 4 | PCV13 | Full | No | | | |
| | 03/19/2014 | 3 of 4 | PCV13 | Full | No | | | |
| | 09/17/2014 | 4 of 4 | PCV13 | Full | No | | | |
| Polio | 10/31/2013 | 1 of 4 | Polio-Inject | Full | No | | | |
| | 02/05/2014 | 2 of 4 | DTaP-IPV/Hib | Full | No | | | |
| | 03/19/2014 | 3 of 4 | DTaP-IPV/Hib | Full | No | | | |
| | 09/07/2017 | 4 of 4 | DTaP-IPV | Full | No | | | |
| Rotavirus | 10/31/2013 | 1 of 3 | Rotavirus, Pent | Full | No | | | |
| | 02/05/2014 | 2 of 3 | Rotavirus, Pent | Full | No | | | |
| | 03/19/2014 | 3 of 3 | Rotavirus, Pent | Full | No | | | |
| Varicella | 02/04/2015 | 1 of 2 | Varicella | Full | No | | | |
| | 09/07/2017 | 2 of 2 | MMRV | Full | No | | | |

Vaccines Recommended by Selected Tracking Schedule

| Select | Vaccine Group | Vaccine | Earliest Date | Recommended Date | Past Due Date |
|-------------------------------------|------------------|----------------|---------------|------------------|---------------|
| <input type="checkbox"/> | DTP/aP | DTaP, NOS | | Complete | |
| <input type="checkbox"/> | HepA | HepA, NOS | | Complete | |
| <input type="checkbox"/> | HepB | HepB, NOS | | Complete | |
| <input type="checkbox"/> | Hib | Hib, NOS | | Complete | |
| <input type="checkbox"/> | Influenza-seasnI | Flu NOS | 11/02/2018 | 07/01/2019 | 10/05/2019 |
| <input type="checkbox"/> | MMR | MMR | | Complete | |
| <input checked="" type="checkbox"/> | PneumoConjugate | PCV13 | | Complete | |
| <input type="checkbox"/> | Polio | Polio, NOS | | Complete | |
| <input type="checkbox"/> | Rotavirus | Rotavirus, NOS | | Complete | |
| <input type="checkbox"/> | Varicella | Varicella | | Complete | |

Add Selected

Example 2: PneumoPoly 23 vaccine for older adults

Current Age: 64 years, 6 months, 12 days

Patient Notes (0) [view or update notes](#)

Add New Imms | Add Historical Imms | Edit Patient | Reports | Print Record | Print Confidential Record

Immunization Record

| Vaccine Group | Date Admin | Series | Vaccine [Trade Name] | Dose | Owned? | Reaction | Hist? | Edit |
|------------------|------------|-----------|--------------------------|------|--------|----------|-------|------|
| Influenza-H1N1 | 12/18/2009 | | Influenza-H1N1-09, NOS | | | | Yes | |
| Influenza-seasnI | 12/18/2009 | Booster | Flu trivalent injectable | | | | Yes | |
| | 10/27/2010 | Booster | Flu trivalent injectable | | | | Yes | |
| | 12/21/2011 | Booster | Flu trivalent injectable | | | | Yes | |
| PneumoPoly 23 | 03/25/2009 | 1 of 2 | Pneumococcal 23 | | | | Yes | |
| Td/Tdap | 03/25/2009 | NOT VALID | DTaP | | No | | Yes | |
| | 03/25/2009 | 1 of 4 | Tdap | | | | Yes | |

Vaccines Recommended by Selected Tracking Schedule

| Select | Vaccine Group | Vaccine | Earliest Date | Recommended Date | Past Due Date |
|-------------------------------------|------------------|---|---------------|----------------------|---------------|
| <input type="checkbox"/> | DTP/aP | DTaP, NOS | | Maximum Age Exceeded | |
| <input type="checkbox"/> | Influenza-seasnI | Flu NOS | 01/18/2012 | 07/01/2018 | 12/21/2012 |
| <input checked="" type="checkbox"/> | PneumoPoly 23 | PCV13 | 12/09/2019 | 12/09/2019 | 12/09/2021 |
| <input type="checkbox"/> | Td/Tdap | Td (adult), NOS | 04/22/2009 | 04/22/2009 | 05/25/2009 |
| <input type="checkbox"/> | Zoster Live | Zoster, NOS | 12/09/2014 | 12/09/2014 | 12/09/2015 |
| <input type="checkbox"/> | Zoster Recomb | Zoster subunit, recombinant, adjuvanted | 12/09/2004 | 12/09/2004 | 12/09/2004 |

Questions?

ALERT IIS Help Desk

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Example 3: Pediatric schedule for child vaccinated before licensure of PCV13 + PPV23 given at 9 years old

PneumoConjugate Immunization History:

- Pediatric series for children under 5 - PCV13 and PCV7 are the only vaccines in this vaccine group.
- Children vaccinated with PCV7 will have a 'NOT VALID' indicator for the final dose in the series. A PCV13 dose is not needed to finish the series, unless the patient is high-risk.

(In this example, the patient also received an early dose of PPV23).

PneumoPoly 23 Recommendations:

- For adults and children > 5 years - PCV13 and PPV23 are both in this vaccine group.
- Recommends for older patients beginning at age 65.
- Recommends PCV13 for children over 5 years of age with an incomplete pediatric series. (Following the recommended age for the PCV13 pediatric series they should receive their first adult PCV13 at age 65.)

(In this example, the patient is 12 years old and the earliest recommended date for the next dose in the series is PCV13 is at the age of 65 because they received a dose of PPV23 at 9 years old.)

Current Age: 12 years, 10 months, 4 days

Patient Notes (0) [view or update notes](#)

Add New Imms Add Historical Imms Edit Patient Reports Print Record Print Confidential Record

Immunization Record

| Vaccine Group | Date Admin | Series | Vaccine [Trade Name] | Dose | Owned? | Reaction | Hist? | Edit |
|-----------------|------------|-----------|----------------------|------|--------|----------|-------|------|
| PneumoConjugate | 10/23/2006 | 1 of 4 | PCV7 | Full | No | | | |
| | 01/05/2007 | 2 of 4 | PCV7 | Full | No | | | |
| | 03/02/2007 | 3 of 4 | PCV7 | Full | No | | | |
| | 09/18/2007 | NOT VALID | PCV7 | Full | No | | | |
| PneumoPoly 23 | 08/10/2016 | 1 of 2 | Pneumococcal 23 | Full | No | | | |
| Polio | 10/23/2006 | 1 of 4 | DTaP-HepB-IPV | Full | No | | | |
| | 01/05/2007 | 2 of 4 | DTaP-HepB-IPV | Full | No | | | |
| | 03/02/2007 | 3 of 4 | DTaP-HepB-IPV | Full | No | | | |
| | 07/01/2011 | 4 of 4 | Polio-Inject | Full | No | | | |
| Rotavirus | 10/23/2006 | 1 of 3 | Rotavirus, Tet | Full | No | | | |
| | 01/05/2007 | 2 of 3 | Rotavirus, Tet | Full | No | | | |
| | 03/02/2007 | 3 of 3 | Rotavirus, Tet | Full | No | | | |
| Td/Tdap | 04/05/2018 | 1 of 1 | Tdap | Full | No | | | |
| Varicella | 09/18/2007 | 1 of 2 | MMRV | Full | No | | | |
| | 07/01/2011 | 2 of 2 | Varicella | Full | No | | | |

Vaccines Recommended by Selected Tracking Schedule

| Select | Vaccine Group | Vaccine | Earliest Date | Recommended Date | Past Due Date |
|--------------------------|----------------------------------|--------------------|---------------|----------------------|---------------|
| | DTP/aP | DTaP, NOS | | Complete | |
| | HepA | HepA, NOS | | Complete | |
| | HepB | HepB, NOS | | Complete | |
| | Hib | Hib, NOS | | Complete | |
| | HPV | HPV, NOS | | Complete | |
| <input type="checkbox"/> | Influenza-seasnI | Flu NOS | 03/15/2019 | 07/01/2019 | 02/15/2020 |
| <input type="checkbox"/> | Meningo | Meningococcal, NOS | 08/21/2022 | 08/21/2022 | 08/21/2023 |
| | MMR | MMR | | Complete | |
| | PneumoConjugate | PCV13 | | Maximum Age Exceeded | |
| <input type="checkbox"/> | PneumoPoly_23 | PCV13 | 08/21/2071 | 08/21/2071 | 08/21/2073 |
| | Polio | Polio, NOS | | Complete | |
| | Rotavirus | Rotavirus, NOS | | Complete | |
| <input type="checkbox"/> | Td/Tdap | Td (adult), NOS | 04/05/2028 | 04/05/2028 | 04/05/2028 |
| | Varicella | Varicella | | Complete | |

Add Selected