

# Vaccine Fact Sheet: Pneumococcal



Topic	CAPVAXIVE® (PCV21)	PREVNAR 20® (PCV20)	VAXNEUVANCE® (PCV15)	PNEUMOVAX® 23 (PPSV23)
<b>Manufacturer</b>	Merck <a href="#">Prescribing Info (FDA)</a>	Pfizer <a href="#">Prescribing Info (FDA)</a>	Merck <a href="#">Prescribing Info (FDA)</a>	Merck <a href="#">Prescribing Info (FDA)</a>
<b>Protects Against</b>	Pneumococcal disease caused by 21 serotypes of <i>Streptococcus pneumoniae</i> bacteria	Pneumococcal disease caused by 20 serotypes of <i>Streptococcus pneumoniae</i>	Pneumococcal disease caused by 15 serotypes of <i>Streptococcus pneumoniae</i> bacteria	Pneumococcal disease caused by 23 serotypes of <i>Streptococcus pneumoniae</i> bacteria
<b>Approved Ages</b>	18 years & older	6 weeks & older	6 weeks & older	2 years & older
<b>Funding Source</b>	 	  		 
<b>Routine Schedule</b>	<p><b>Adults:</b> 1 dose for adults <math>\geq 50</math> years or 19-49 years at increased risk for PD</p> <p>Timing Guide: <a href="#">Children (PDF)</a>   <a href="#">Adults (PDF)</a></p>	<p><b>Children:</b> 4-dose series at 2, 4, 6 &amp; 12-15 months</p> <p><b>Adults:</b> 1 dose for adults <math>\geq 65</math> years or 19-64 years at increased risk for PD</p> <p>Timing Guide: <a href="#">Children (PDF)</a>   <a href="#">Adults (PDF)</a></p>	<p><b>Children:</b> 4-dose series at 2, 4, 6 &amp; 12-15 months</p> <p><b>Adults:</b> 1 dose for adults <math>&gt; 65</math> years or 19-64 years at increased risk for PD followed by 1 dose of PPSV23 at least 1 year later. Consider 8-week interval if immunocompromised, CSF leak or cochlear implant.</p> <p>Timing Guide: <a href="#">Children (PDF)</a>   <a href="#">Adults (PDF)</a></p>	<p><b>Children:</b> <math>\geq 2</math> years at increased risk for PD. If previously received at least one dose of PCV20, no PPSV23 doses needed.</p> <p><b>Adults:</b> 1 dose for adults <math>\geq 50</math> years or 19-49 years at increased risk for PD at least 1 year after previous dose of PCV13 or PCV15. Consider 8-week interval if immunocompromised, CSF leak or cochlear implant.</p> <p>Timing Guide: <a href="#">Children (PDF)</a>   <a href="#">Adults (PDF)</a></p>

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<b>Minimum Intervals</b>		4 or 8 weeks depending on age & dose number  <a href="#">Catch-Up Guidance (CDC)</a>	4 or 8 weeks depending on age & dose number  <a href="#">Catch-Up Guidance (CDC)</a>	8 weeks after the most recent PCV dose if indicated  <a href="#">Catch-Up Guidance (CDC)</a>
<b>Administration</b>	Intramuscular (IM) injection	Intramuscular (IM) injection	Intramuscular (IM) injection	Intramuscular (IM) or Subcutaneous (SC) injection
<b>Packaging</b>	Vaccine packaged as box of 1 single-dose 0.5mL pre-filled syringe or box of 10 single-dose 0.5 mL pre-filled syringes	Vaccine packaged as 10 single-dose 0.5mL pre-filled syringes	Vaccine packaged as 10 single-dose 0.5mL pre-filled syringes	Vaccine packaged as box of 10 single-dose vials or box of 10 single-dose 0.5 mL pre-filled syringes
<b>Storage</b>	Refrigerate between 36°F and 46°F (2°C to 8°C) - <b>Do Not Freeze</b>  Do not use vaccine beyond expiration date printed on packaging.  <a href="#">Storage &amp; Handling (CDC)</a>	Refrigerate between 36°F and 46°F (2°C to 8°C) <b>Do Not Freeze</b>  Do not use vaccine beyond expiration date printed on packaging.  <a href="#">Storage &amp; Handling (CDC)</a>	Refrigerate between 36°F and 46°F (2°C to 8°C) <b>Do Not Freeze. <a href="#">Shelf life of 18 months from date of manufacture when stored appropriately.</a></b>  Do not use vaccine beyond expiration date printed on packaging.  <a href="#">Storage &amp; Handling (CDC)</a>	Refrigerate between 36°F and 46°F (2°C to 8°C) <b>Do Not Freeze</b>  Do not use vaccine beyond expiration date printed on packaging.
<b>Recommendations</b>	<a href="#">Pneumococcal Vaccine (ACIP)</a>	<a href="#">Pneumococcal Vaccine (ACIP)</a>	<a href="#">Pneumococcal Vaccine (ACIP)</a>	<a href="#">Pneumococcal Vaccine (ACIP)</a>
<b>VFC Letter</b>	—	<a href="#">VFC Clinical Letter (PDF)</a>	<a href="#">VFC Clinical Letter (PDF)</a>	—

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Topic	CAPVAXIVE® (PCV21)	PREVNAR 20® (PCV20)	VAXNEUVANCE® (PCV15)	PNEUMOVAX® 23 (PPSV23)
<b>Billing Codes</b>	CPT code for vaccine: 90684 Add -SL and/or -SK (high-risk) modifier for VFC-supplied vaccine. CPT code for administration: 90640 ICD-10-CM code (encounter for immunization): Z23  <a href="#">CPT codes (CDC)</a>	CPT-4 code for vaccine: 90677 Add -SL modifier for VFC-supplied vaccine. CPT code for administration: 90640 ICD-10-CM code (immunization encounter): Z23  <a href="#">CPT codes (CDC)</a>	CPT-4 code for vaccine: 90671 Add -SL modifier for ages 0 through 5 years, and both -SL and -SK (high-risk) modifiers for ages 6-18 years for VFC-supplied vaccine. CPT code for administration: 90640 ICD-10-CM code (immunization encounter): Z23  <a href="#">CPT codes (CDC)</a>	CHDP code: 90, for children age 2 to 19 years CPT code for vaccine: 90732 Add -SL and/or -SK (high-risk) modifier for VFC-supplied vaccine. CPT code for administration: 90640 ICD-10-CM code (encounter for immunization): Z23  <a href="#">CPT codes   CDC</a>
<b>Comments</b>	Licensed in 2024	Licensed in 2021	Licensed in 2021	Licensed in 1983

Refer to [Vaccine Fact Sheets](https://EZIZ.org/Resources/VaccineFactSheets) (EZIZ.org/Resources/VaccineFactSheets).