

### Summarised AIH Adult Pneumococcal Recommendations

Risk of invasive disease	Indigenous status	Age	Prevenar 13® is NOT funded	Pneumovax 23® is FUNDED for ALL of the following listed below
<b>Normal (healthy) non-smoker</b>	Non-Indigenous	≥65yrs	Not recommended	<b>Single dose only</b>
	Indigenous	≥50yrs	Not recommended	<b>Two doses: 2<sup>nd</sup> dose is given 5 years after 1<sup>st</sup> dose</b>
<b>Increased risk (Category B)</b>	Non-Indigenous	18-64yrs	Not recommended	<b>Three doses: 2<sup>nd</sup> dose is given 5-10 years after 1<sup>st</sup> dose. 3<sup>rd</sup> dose is given at 65years or 5 years after 2<sup>nd</sup> dose, whichever is later</b>
		≥65yrs	Not recommended	<b>Two doses: 2<sup>nd</sup> dose is given 5 years after 1<sup>st</sup> dose</b>
	Indigenous	18-49yrs	Not recommended	<b>Three doses: 2<sup>nd</sup> dose is given 5-10 years after 1<sup>st</sup> dose. 3<sup>rd</sup> dose is given at 50 years or 5 years after 2<sup>nd</sup> dose, whichever is later</b>
		≥50yrs	Not recommended	<b>Two doses: 2<sup>nd</sup> dose is given 5 years after 1<sup>st</sup> dose</b>
<b>Highest risk (Category A)</b>	Non-Indigenous	18-64yrs	<b>NOT FUNDED Single dose given at diagnosis # ↓</b>	<b>Three doses: 1st dose is given 2 months after Prevenar 13, 2nd dose is given 5 years after 1st dose. 3rd dose is given at 65 years or 5 years after 2nd dose, whichever is later</b>
		≥65yrs		<b>Three doses: 1st dose is given 2 months after Prevenar 13, 2nd dose is given 5 years after 1st dose. 3rd dose is given 5 years after 2nd dose.</b>
	Indigenous	18-49yrs	<b>↑ NOT FUNDED Single dose given at diagnosis #</b>	<b>Three doses: 1st dose is given 2 months after Prevenar 13, 2nd dose is given 5 years after 1st dose. 3rd dose is given at 50 years or 5 years after 2nd dose, whichever is later</b>
	≥50yrs	<b>Three doses: 1st dose is given 2 months after Prevenar 13, 2nd dose is given 5 years after 1st dose. 3rd dose is given at 65yrs or 5 years after 2nd dose 2, whichever is later</b>		
Refer to <b># Note</b> for <b>all</b> Category A groups → <b># NOTE: for Category A, if Pneumovax 23 has already been given, wait 12mths then give Prevenar 13. Then continue with subsequent Pneumovax 23 dose/s as recommended, noting correct intervals</b>				

**Exception \*\***  
**HSCT - refer to specific recommendations in AIH, under 'Special Groups', then 'Immunocompromised'**

**Counting doses:** Any dose of Pneumovax 23 given after 15 years of age should be counted as an adult dose. The minimum interval between any 2 doses of 23vPPV should be 5 years, and no more than 3 lifetime adult doses of 23vPPV are recommended. For more info, call CQPHU 07 4920 6989

Category A: Conditions associated with the highest increased risk of IPD	Category B: Conditions associated with increased risk of IPD
<p><b>Functional or anatomical asplenia, including:</b> sickle cell disease or other haemoglobinopathies; congenital or acquired asplenia (e.g. splenectomy), splenic dysfunction</p> <p><b>Immunocompromising conditions, including:</b> (refer to on-line AIH for further details)</p> <ul style="list-style-type: none"> <li>- Congenital or acquired immune deficiency</li> <li>- Immunosuppressive therapy</li> <li>- Haematological and other malignancies</li> <li>- Solid organ transplant</li> <li>- **Haematopoietic stem cell transplant (HSCT) (refer to AIH table for specific recommendations)</li> <li>- HIV (including AIDS)</li> <li>- Chronic renal failure, or relapsing or persistent nephrotic syndrome</li> <li>- <b>Proven or presumptive cerebrospinal fluid leak</b></li> <li>- <b>Cochlear implants</b></li> <li>- <b>Intracranial shunts</b></li> </ul>	<p><b>Chronic cardiac disease:</b> particularly cyanotic heart disease or cardiac failure in children; excluding hypertension only (in adults)</p> <p><b>Chronic lung disease:</b> chronic lung disease in preterm infants; cystic fibrosis; severe asthma in adults (requiring frequent medical consultations and use of multiple medications)</p> <p><b>Diabetes</b></p> <p><b>Down Syndrome</b></p> <p><b>Alcoholism</b></p> <p><b>Chronic liver disease</b></p> <p><b>Preterm birth at &lt;28weeks gestation</b></p> <p><b>Tobacco smoking</b></p>

Refer to the on-line Australian Immunisation Handbook [AIH] for detailed information on 'Recommendations' and 'Risk' conditions for IPD