



Clinical decision tree for vaccination providers

From 1 July 2020, there are changes to the National Immunisation Program (NIP) pneumococcal vaccination schedule.

This decision tree should be read in conjunction with the *NIP pneumococcal vaccination schedule from 1 July 2020 clinical advice for vaccination providers* and the **Australian Immunisation Handbook**.

Figure 1. NIP funded pneumococcal vaccine schedule from 1 July 2020

The list of risk conditions is set out in **Table 1** over the page. Some of these conditions are eligible for NIP funded doses of pneumococcal vaccine.

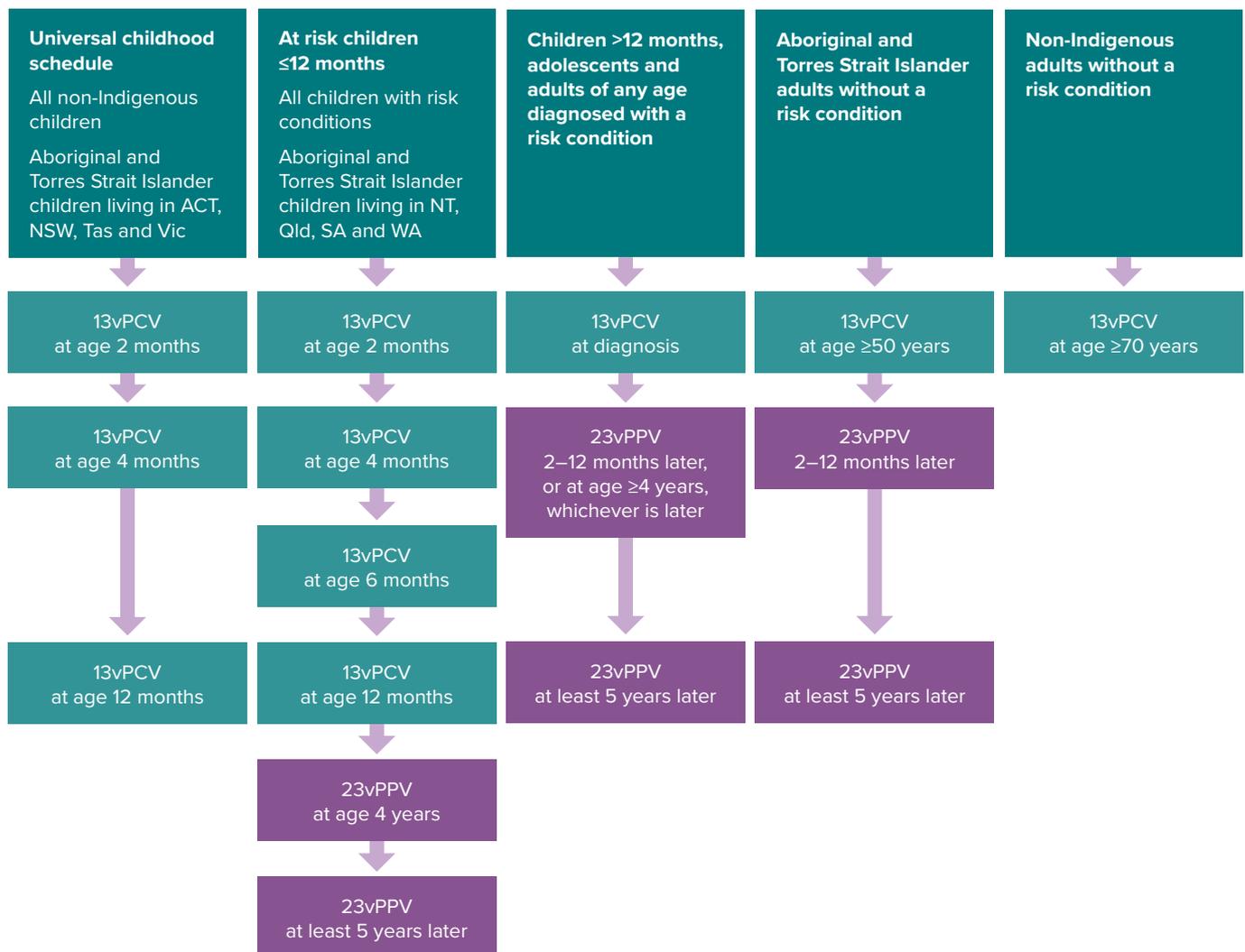


Table 1. Updated list of risk conditions for pneumococcal vaccine recommendations and their eligibility for funding under the National Immunisation Program (NIP)

Risk condition	Eligibility for NIP funding	
	<5 years of age	≥5 years of age
Previous episode of invasive pneumococcal disease	✓	✓
Functional or anatomical asplenia, including		
– sickle cell disease or other haemoglobinopathies	✓	✓
– congenital or acquired asplenia (for example, splenectomy) or hyposplenia	✓	✓
Immunocompromising conditions, including		
– congenital or acquired immune deficiency, including symptomatic IgG subclass or isolated IgA deficiency	✓	✓
– haematological malignancies	✓	✓
– solid organ transplant	✓	✓
– haematopoietic stem cell transplant	✓	✓
– HIV infection	✓	✓
– immunosuppressive therapy, where sufficient immune reconstitution for vaccine response is expected; this includes those with underlying conditions requiring but not yet receiving immunosuppressive therapy		
– non-haematological malignancies receiving chemotherapy or radiotherapy (currently or anticipated)		
Proven or presumptive cerebrospinal fluid (CSF) leak, including		
– cochlear implants	✓	✓
– intracranial shunts	✓	✓
Chronic respiratory disease, including		
– suppurative lung disease, bronchiectasis and cystic fibrosis	✓	✓
– chronic lung disease in preterm infants	✓	✓
– chronic obstructive pulmonary disease (COPD) and chronic emphysema		
– severe asthma (defined as requiring frequent hospital visits or the use of multiple medications)		
– interstitial and fibrotic lung disease		
Chronic renal disease		
– relapsing or persistent nephrotic syndrome	✓	✓
– chronic renal impairment – eGFR <30 mL/min (stage 4 or 5 disease)	✓*	✓*
Cardiac disease, including		
– congenital heart disease	✓	
– coronary artery disease	✓	
– heart failure	✓	
Children born less than 28 weeks gestation	✓	
Trisomy 21	✓	
Chronic liver disease, including		
– chronic hepatitis		
– cirrhosis		
– biliary atresia		
Diabetes		
Smoking (current or in the immediate past)		
Harmful use of alcohol (defined as consuming on average ≥60 g of alcohol (6 Australian standard drinks) per day for males and ≥40 g of alcohol (4 Australian standard drinks) per day for females)		

* Funded under the NIP for eGFR <15 mL/min only (including patients on dialysis). Individual conditions listed beneath or those that are similar based on clinical judgment.

Note: All children and adults with above conditions are recommended to receive additional pneumococcal vaccine doses however, they are only funded under the NIP for those with the shaded conditions.

All information in this fact sheet is correct as at June 2020. REPORT all vaccinations to the Australian Immunisation Register (AIR).

State and territory health department contact numbers:

ACT	02 5124 9800	SA	1300 232 272
NSW	1300 066 055	TAS	1800 671 738
NT	08 8922 8044	VIC	1300 882 008
WA	08 9321 1312	QLD	Contact your local Public Health Unit