



Department of Health Communicable Disease Control Branch South Australia  
**IMMUNISATION** Calculator



The Immunisation Calculator was developed by the South Australian Department of Health and has been modified to be a resource tool for all Australian states.

This calculator is for Australian children up to their 7th birthday on the National Immunisation Schedule. It will help to determine what vaccinations are due. You will need the child's immunisation records ready to enter the dates that doses of vaccine were given.

### IMMUNISATION SCENARIO:

A mother with an 17 month child presents at your practice having recently moved to Australia from Russia. The mother states that the child has never received any vaccination and there is no record of vaccination in the child's medical notes. The mother wants the child to have all the vaccinations the child needs now that they are going to live permanently in Perth and they have a formal residential visa.

Special Note: a person must have a formal residential visa to be eligible for free Government issues vaccines, i.e. those on the Western Australian Schedule.

??? What is the catch up schedule for this child ???

### SCENARIO: RESPONSE

Make life easy for your self and look up the immunisation calculator which automatically calculates in 3 easy steps what vaccines are required and the dates they should be offered for administration.

<http://www.health.sa.gov.au/immunisationcalculator/>

SA Department of Health - Introducing the Immunisation Calculator - 31st January 2007 - Microsoft Internet Explorer

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Address: <http://www.health.sa.gov.au/immunisationcalculator/> Go 10:40

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This calculator is for Australian children up to their 7th birthday on the National Immunisation Schedule. It will help to determine what vaccinations are due. You will need your child's immunisation records ready to enter the dates that doses of vaccine were given.

[Introduction](#) [Disclaimer](#) [Feedback](#)

- 1.** You enter name of child, date of birth and state of residence.
- 2.** You enter dates vaccines have been given and tick the vaccine box.
- 3.** Calculator works out what vaccines are due and when.

[Go to Step 1](#)

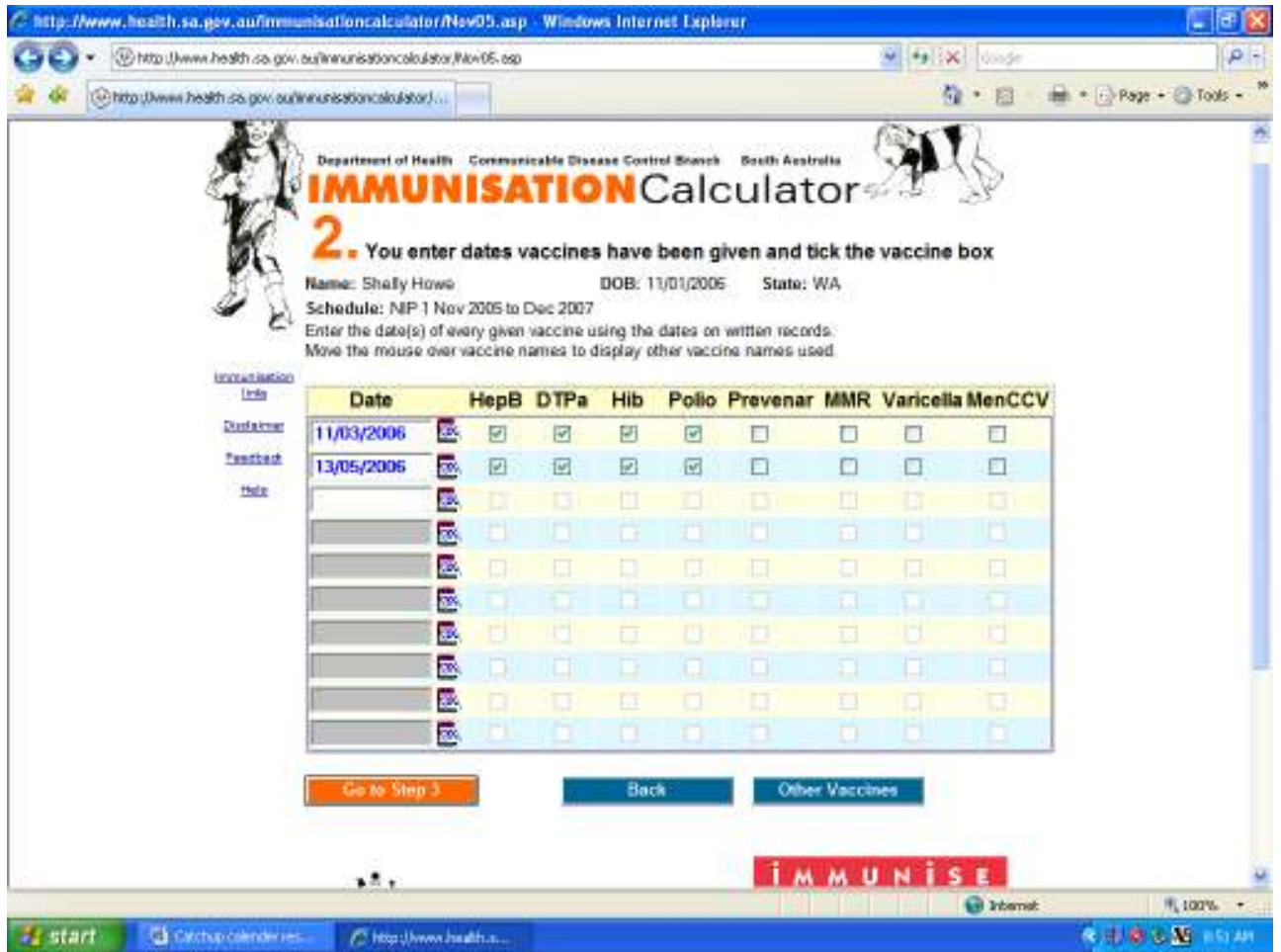
South Australian Department of Health v1.05.  
Users should exercise their own independent skill or judgment or seek professional advice before relying on the information for clinical decision making contained on the website. Any such use is the user's sole responsibility.  
ImmunCalc is recommended for use of Internet Explorer version 5 or above and Netscape version 6 or above.



## Step 1

- Enter the child's details: Name, Date of Birth and State of Birth.

Although the child was born in Russia you can enter the state of birth as WA, so it tricks the system and you can still get the antigen based report as to the child's vaccination requirements



## Step 2

- ⊕ Enter the date/s of previous vaccination
- ⊕ Then tick the boxes of the disease vaccinated against

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## IMMUNISATION Calculator

[About this calculator](#) [About Immunisation](#) [Immunisation schedules](#) [Immunisation providers](#) [More advice](#)

### 3. Calculator works out what vaccines are due and when

Name : Shelly Howe  
 Date of Birth : 11/01/2006 Age in Months : 17 State : WA Schedule : NIP 1 Nov 2005 to Dec 2007  
 Recommendation produced as at : Thursday, 21 June 2007

Date	Vaccination History (Past Doses)	Date	Due Immediately
11/03/2006	DTPa Dose Effective HepB Dose Effective Hib Dose Effective IPV Dose Effective	21/06/2007	DTPa HepB Hib IPV MMR MenCCV Prevenar Varicella
13/05/2006	DTPa Dose Effective Hib Dose Effective HepB Dose Effective IPV Dose Effective		
		Date	Future Schedule
		20/08/2007	Prevenar
		11/01/2010	DTPa MMR IPV

[Order by Vaccine](#) [Back](#) [Print](#)

*Users should exercise their own independent skill or judgment or seek professional advice before relying on the information for clinical decision making contained on the website. Any such use is the user's sole responsibility.*  
 NOTE: Where recommended dates for vaccines are close together, always choose the later date. A vaccine given early will not be accepted by Australian

### Step 3

Here is all the hard work done for you. You can automatically see the vaccination history and then identify the vaccinations due immediately and a future schedule for the child's needs.

Immunisations entered are antigen based and therefore the vaccination requirements are antigen based. You will need to look at the antigen combinations to establish the vaccines required for use in Western Australia.

Therefore you can establish that from the due immediately table, that this child requires the following vaccinations today:

- . Infanrix Hexa
- . Neisvac-C
- . Priorix
- . Prevenar

This page can be printed out e.g. so the parent can see when the next vaccination are due. + these future schedule dates can be recorded in the practice medical software for recall.



**NOTE:**

It is important to remember that for this mother to make a valid consent she may require written information in Russian.

Understanding Childhood is a useful recourse for parents / caregivers. Remember this publication is available in 16 languages and easily obtainable on line.

**NOTE:** Consider the need for an interpreter to assist in the clinical management of this family.

**TRANSLATING AND INTERPRETING SERVICE**

[http://www.immi.gov.au/living-in-australia/help-with-english/help\\_with\\_translating/index.htm](http://www.immi.gov.au/living-in-australia/help-with-english/help_with_translating/index.htm)

This service is as close as the phone. The Australian Government's Translating and Interpreting Service (TIS National), operates a national 24 hour a day, every day of the year service and is accessible from anywhere in Australia for the cost of a local call.

TIS National has access to approximately 1600 professional interpreters covering over 100 languages.

131 450 24 hours a day, 7 days a week

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This scenario was used to highlight the complexities around immunisation service provision. The Immunisation Calculator, can be used in any clinical scenario when a child presents for immunisation services. It is an easy to follow step by step resource to assist with immunisation management and in particular the complexities that surround immunisation catch-up programs for children.

