

## Examples of acceptable catch up schedules using combination vaccines available in Australia (As of 01/09/2018)

### Children with no history of vaccination

Below are some sample catch-up scenarios to help determine the vaccines needed and the intervals between doses, using Table 1.

**Example 1** - Child 2 years old who was born before 1 October 2014, who has never been vaccinated.

Current age is >18months and <4 years as per Table 1 and therefore needs:

- |                    |                          |                             |  |
|--------------------|--------------------------|-----------------------------|--|
| 1. DTPa – 3 doses  | 3. Hepatitis B – 3 doses | 5. Meningococcal C – 1 dose | 7. Hib – 1 dose <b>(Changes with each child. Always check Table 2.1.8 first)</b> |
| 2. Polio - 3 doses | 4. MMR – 2 doses         | 6. Varicella – 1 dose       | 8. Pneumococcal - 1 dose <b>(Always check Table 2.1.9 first)</b>                 |

**Choosing vaccines** – 1 dose of each due or overdue vaccine should be given at the first catch-up visit. Give all the due vaccines at the same visit – do not defer.

#### Catch-up Schedule

Visit 1	Visit 2	Visit 3
<i>Give now</i>	<i>1 month after Visit 1</i>	<i>3 months after Visit 2</i>
Infanrix hexa Prevenar 13 MMR Nimenrix	Infanrix hexa MMRV	Infanrix hexa

**Example 2** - Children 5 – 10 years who were born before 1 October 2014 and have never been vaccinated.

Current age is 4 years to <10 years as per Table 1 and therefore needs:

- |                    |                          |                             |   |
|--------------------|--------------------------|-----------------------------|---|
| 1. DTPa – 4 doses  | 3. Hepatitis B – 3 doses | 5. Meningococcal C – 1 dose | 7. Hib – No catch-up >5 years of age              |
| 2. Polio – 3 doses | 4. MMR – 2 doses         | 6. Varicella – 1 dose       | 8. Pneumococcal – No catch-up >5 years if healthy |

**Choosing vaccines** – 1 dose of each due or overdue vaccine should be given at the first catch-up visit. Give all the due vaccines at the same visit – do not defer.

#### Catch-up Schedule Option

Visit 1	Visit 2	Visit 3
<i>Give now</i>	<i>1 month after Visit 1</i>	<i>3 months after Visit 2</i>
Infanrix hexa MMR Nimenrix	Infanrix hexa MMRV	Infanrix hexa

## Children with a partial history of vaccination

When calculating catch-ups for children who are partially vaccinated, build on the history of documented vaccines they have already received. Do not start again.

**Example 1** – Child 7 years old who only had 6 week vaccines. Therefore has had:

- DTPa – 1 dose
- Polio – 1 dose
- Hepatitis B – 1 dose
- Hib – 1 dose
- Pneumococcal – 1 dose
- Rotavirus – 1 dose

Current age is 4 years to <10 years as per Table 1 and should have had by their current age:

- DTPa – 4 doses
- Polio – 3 doses
- Hepatitis B – 3 doses
- MMR – 2 doses
- Meningococcal – 1 dose
- Varicella – 1 dose
- Hib – 4 doses
- Pneumococcal – 3 doses

Therefore still needs:

1. DTPa – 3 doses
2. Polio – 2 doses
3. Hepatitis B – 2 doses
4. MMR – 2 doses
5. Meningococcal – 1 dose
6. Varicella – 1 dose
7. Hib – No catch-up >5 years of age
8. Pneumococcal – No catch-up >5 years if healthy

**Choosing vaccines** – 1 dose of each due or overdue vaccine should be given at the first catch-up visit. Give all the due vaccines at the same visit – do not defer.

### Catch-up Schedule

Visit 1	Visit 2	Visit 3
<i>Give now</i>	<i>1 month after Visit 1</i>	<i>6 months after Visit 2</i>
Infanrix hexa MMR Nimenrix	Infanrix hexa MMRV	Infanrix

**Example 2** - Child 3 years old who was born after 1 October 2014, who had all their vaccines up to 6 months. Therefore has had:

- DTPa – 3 doses
- Polio – 3 doses
- Hepatitis B – 3 doses
- Hib – 3 doses
- Pneumococcal – 3 doses

Current age is >18 months to <4 years as per Table 1 and should have had by their current age:

- DTPa – 4 doses
- Polio – 3 doses
- Hepatitis B – 3 doses
- MMR – 2 doses
- Meningococcal – 1 dose
- Varicella – 1 dose
- Hib – 4 doses
- Pneumococcal – 3 doses

Therefore still needs:

1. DTPa – 1 dose
2. Meningococcal – 1 dose
3. MMR – 2 doses
4. Varicella – 1 dose
5. Hib – 1 dose (**Changes with each child. Always check Table 2.1.8 first**)
6. Pneumococcal – Not needed (**Always check Table 2.1.9 first**)

**Choosing vaccines** – 1 dose of each due or overdue vaccine should be given at the first catch-up visit. Give all the due vaccines at the same visit – do not defer.

Visit 1	Visit 2	Next due at:
<b>Give now</b>	<b>1 month after Visit 1</b>	<b>4 years of age (minimum 6 months following Visit 1)</b>
Infanrix Nimenrix MMR	MMRV	Infanrix IPV

**Example 3** - Child from the UK who had all age appropriate vaccinations but no Hepatitis B. Therefore still needs:

- Hepatitis B – 3 doses

Therefore still needs:

1. Hepatitis B

**Choosing vaccines** – 1 dose of each due or overdue vaccine should be given at the first catch-up visit. Give all the due vaccines at the same visit – do not defer.

Visit 1	Visit 2	Visit 3
<i>Give now</i>	<i>1 month after Visit 1</i>	<i>3 months after Visit 2</i>
Monovalent paediatric Hepatitis B	Monovalent paediatric Hepatitis B	Monovalent paediatric Hepatitis B

**Please note:** This advice has been adapted from *The Australian Immunisation Handbook 10<sup>th</sup> Edition (updated online)*. This advice is provided as a guide only and should be supplemented by referring to Section 2.1.5 'Catch-up' of *The Handbook*.

## References:

We recommend bookmarking the following tables in the Handbook (10<sup>th</sup> edition) as a quick reference.

- [Table 2.1.6](#): Number of vaccine doses that should have been administered by the current age of the child
- [Table 2.1.7](#): Minimum acceptable dose intervals for children <10 years of age
- [Table 2.1.5](#): Minimum age for the first dose of vaccine in special circumstances
- [Table 2.1.8](#): Catch-up schedule for *Haemophilus influenzae type b* (Hib) vaccination for children <5 years of age
- [Table 2.1.9](#): Catch-up schedule for 13cPCV (Prevenar 13) for non-Indigenous children, and Indigenous children residing in the ACT, NSW, TAS and VIC, who do not have any medical condition(s) associated with an increased risk of invasive pneumococcal disease (IPS), aged <5 years of age
- [Table 2.1.11](#): Catch-up schedule for 13vPCV (Prevenar 13) and 23vPPV (Pneumovax 23) in children with a medical condition(s) associated with an increased risk of invasive pneumococcal disease (IPD), presenting at <2 years
- [Table 2.1.12](#): Catch-up schedules for persons ≥ 10 years of age
- [Table 3.3.5](#): Recommendations for vaccination in persons with functional or anatomical asplenia

The latest up-dated version is also available online at <http://www.immunise.health.gov.au/internet/immunise/publishing.nsf/Content/Handbook10-home> or Google Immunisation Handbook 10<sup>th</sup> Edition.