



# Table. Recommended intervals between immunoglobulins or blood products, and measles-mumps-rubella, measles-mumps-rubella-varicella or varicella vaccination

Recommended intervals between immunoglobulins or blood products, and measles-mumps-rubella, measles-mumps-rubella-varicella or varicella vaccination.<sup>1</sup>

Immunoglobulin/blood product	Route	Dose (IU, mL or mg IgG/kg)	Interval (months)
Blood transfusion: washed red blood cells	IV	10 mL/kg	0
Blood transfusion: red blood cells, adenine-saline added	IV	10 mL/kg	3
Blood transfusion: packed red blood cells	IV	10 mL/kg	6
Blood transfusion: whole blood	IV	10 mL/kg	6
Cytomegalovirus <a href="#">immunoglobulin</a>	IV	3 mL/kg	6
Hepatitis B <a href="#">immunoglobulin</a> as hepatitis B prophylaxis	IM	100 IU or 400 IU (10 mg IgG/kg)	3
NHIG (intravenous) for treatment of idiopathic thrombocytopenic purpura	IV	400 mg IgG/kg	8
NHIG (intravenous) for treatment of idiopathic thrombocytopenic purpura	IV	1000 mg IgG/kg	10
NHIG (intravenous) for treatment of idiopathic thrombocytopenic purpura or Kawasaki disease	IV	1600-2000 mg IgG/kg	11
NHIG as hepatitis A prophylaxis	IM	0.5 mL (<25 kg), 1.0 mL (25–50 kg), 2.0 mL (>50 kg)	3
NHIG as measles prophylaxis: standard	IM	0.2 mL/kg (maximum dose 15 mL)	5
NHIG as measles prophylaxis: immunocompromised	IM	0.5 mL/kg (maximum dose 15 mL)	6
Plasma or platelet products	IV	10 mL/kg	7
Human rabies <a href="#">immunoglobulin</a> as rabies prophylaxis	IM	20 IU/kg	4
Replacement (or therapy) of immune deficiencies as NHIG (intravenous), various doses	IV	300-400 mg IgG/kg	9
Rh (D) <a href="#">immunoglobulin</a> (anti-D)	IM	na	0
Tetanus <a href="#">immunoglobulin</a> (intramuscular use) as tetanus prophylaxis (given within 24 hours of injury)	IM	250 IU (10 mg IgG/kg)	3
Tetanus <a href="#">immunoglobulin</a> (intramuscular use) as tetanus prophylaxis (>24 hours after injury)	IM	500 IU (20 mg IgG/kg)	3
Zoster <a href="#">immunoglobulin</a> as varicella prophylaxis	IM	200 IU (0–10 kg), 400 IU (11–30 kg), 600 IU (>30 kg)	5

Acronyms used:

- IM = intramuscular;
- IU = international units;
- IV = intravenous;
- na = not applicable;
- NHIG = normal human [immunoglobulin](#)

Related diseases: [Measles](#) [Mumps](#) [Rubella](#) [Varicella \(chickenpox\)](#)

## Page history

Last updated: 23 October 2023

Last reviewed: 23 October 2023

[+ Is there anything wrong with this page?](#)

[← All tables](#)

## Subscribe

Subscribe to receive notifications regarding updates to the Australian Immunisation Handbook and changes to immunisation policy.

[Subscribe](#)

## Help us improve

We are always looking for ways to improve our website, the NICC and mobile app.

[Provide feedback](#)

## Who's responsible for the Handbook

[ATAGI](#) [NHMRC](#) [Chief Medical Officer](#) [Department of Health and Aged Care](#)

## Useful links and tools

[Announcements](#) [Handbook tables](#) [Handbook figures](#) [Technical terms](#) [Abbreviations](#)

## More about Immunisation

[National Immunisation Program](#) [NIP Schedule](#) [ATAGI statements](#) [Immunisation news](#) [Immunisation resources](#) [NCIRS Factsheets](#)

## Using the Handbook

[Accessibility](#) [Copyright](#) [Disclaimers](#) [Privacy](#)

## Mobile apps

