

# Vaccine Schedule for South Africa - 2025

The schedule is to be read in conjunction with the footnotes below.

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Age of child	EPI schedule	Private
At birth	OPV (0) BCG *See footnotes regarding hep B vaccine at birth	OPV (0) BCG *See footnotes regarding hep B vaccine at birth
6 weeks	OPV (1) Rotarix® (1) PCV10-Cipla® (1) Hexaxim® (1)	OPV (1) Rotarix® (1) <b>or</b> Rotateq® (1) Prevenar 13® <b>or</b> Synflorix® <sup>3</sup> or Vaxneuvance® Hexaxim® (1) <b>or</b> Infanrix Hexa® (1st dose at 8 weeks)
10 weeks	Hexaxim® (2)	Rotateq® (2) <sup>2</sup> Hexaxim® (2) <b>or</b> Infanrix Hexa® (2nd dose at 12 weeks)
14 weeks	Rotarix® (2) PCV10-Cipla® (2) Hexaxim® (3)	Rotarix® (2) <b>or</b> Rotateq® (3) Prevenar 13® (2) <b>or</b> Synflorix® <sup>3</sup> (2) or Vaxneuvance® Hexaxim® (3) <b>or</b> Infanrix Hexa® (3rd dose at 16 weeks)
6 months	MR SII® <sup>4</sup> (1)	Measles vaccine Cipla® <sup>4</sup> Vaxigrip Tetra® <b>or</b> Influvac® <sup>5</sup>
9 months	PCV10-Cipla® (3)	Synflorix® or Vaxneuvance® or Prevenar 13® if using 2+1 schedule. (Do not give now if using PCV 3+1 schedule <sup>3</sup> ) Menactra® (1)
12 months	MR SII® (2) <sup>4</sup>	Priorix® <b>or</b> Omzyta® (1) at 12 months Avaxim 80® <b>or</b> Havrix Jnr® (1) at 12 months Varilrix® <sup>6</sup> <b>or</b> Onvara® <sup>7</sup> (1) Menactra® (2) (At least 3 months after the first dose of Menactra®)
18 months	Hexaxim® (4)	Hexaxim® (4) <b>or</b> Infanrix Hexa® (4) Avaxim 80® <b>or</b> Havrix Jnr® (2) (At least 6 months after the first dose of Hep A)
6 years	Adacel® (6 years)	Tetraxim® <sup>8</sup> <b>or</b> Boostrix tetra® <b>or</b> Adacel Quadra® Priorix® <b>or</b> Omzyta®(2) Varilrix® (2) <sup>6,7</sup>
9 years	Cervarix® <sup>9</sup>	Cervarix® <b>or</b> Gardasil® <b>or</b> Gardasil 9® <sup>10</sup> (from 9 years) (Second dose 6 months later)
12 years	Adacel®	Adacel Quadra®, Adacel®, Boostrix® <b>or</b> Boostrix Tetra®

• Hep B SII® (EPI), Engerix B® or Euvax® (0) given at birth to babies born to mothers who test positive for hepatitis B

General:

(0) Birth dose which doesn't count as part of primary series

(1) First dose in a series

(2) Second dose in a series

(3) Third dose in a series

(4) Fourth dose - a booster

### Referenced notes (superscripts)

- 1 If the hexavalent vaccine -Infanrix-hexa® is given according to the EPI schedule (6, 10 and 14 weeks), then a birth dose of hepatitis B vaccine is required. If no birth dose is given, then Infanrix Hexa® should only be given from 8 weeks of age. However, if Hexaxim® is used according to the EPI schedule, a birth dose of HBV is NOT required. The first three doses must be at least 4 weeks apart.
- 2 If Rotateq® vaccine is used, then 3 doses are required, 6, 10 and 14 weeks. If Rotarix® is used, only 2 doses are given – 6 and 14 weeks.
- 3 If PCV is given as a 2+1 schedule, it is given at 6 and 14 weeks and at 9 months. When Synflorix® or PCV10-Cipla® is used as per the 3+1 schedule, it is given at 6, 10 and 14 weeks and the 4<sup>th</sup> dose should be given at least 6 months after the third dose. When Prevenar 13® Vaxneuvance® (PCV15) is used as per the 3+1 schedule, it is given at 6,10,14 weeks and the 4<sup>th</sup> dose may be given from 12 months of age (12-15 months).
- 4 MR SII® should not be given with any other vaccines at 6 months of age but can be given with other vaccines from 9 months of age. Cipla measles vaccine may be given on the same day as any other vaccine.
- 5 The first time that a child gets the flu vaccine, 2 doses a month apart are indicated if the child is less than 9 years old.
- 6 Varilrix® can be given any time from 9 months of age but is probably most effective if given over the age of 12 months. If not given on the same day as measles vaccines, must then be separated by at least one month. The second dose can be given as early as 4-6 weeks after the first dose but is routinely given at 5-6 years of age.
- 7 Currently Onvara® is registered as a single dose for children 12 months up to 13 years in South Africa. Patients 13 years and older need two doses at least 4 weeks apart.
- 8 Internationally a DTaP-containing vaccine is recommended at 6 years, but Tdap or Tdap-IPV may also be used.
- 9 Cervarix® in the EPI for girls only. Given to girls >9 years in public schools currently as a single dose vaccination (off label)
- 10 HPV vaccines are for boys and girls. As per PI, for children 9 -13/14 years of age, the course consists of 2 doses six months apart. For older patients give 3 doses as per the PI. Latest information (off label) from WHO states that 1 or 2 doses (6 months apart) are sufficient for patients up to 21 years of age and patients 21 years and older only need two doses given at least 6 months apart. For immunocompromised patients use dosing as per PI.

### Other paediatric vaccines available, for use in certain situations.

Vaxigrip Tetra® / Influvac®, Hiberix® (Hib - Haemophilus influenzae type b), Twinrix® (Hep A paed + hep B adult), Pneumovax 23® (Pneumococcal infection, from 2 years of age for those at high risk) and Stamaril®

### References for vaccine schedule:

- a Expanded programme of immunisation (EPI) (From April 2009, 2015, 2022 and 2024)
- b Package inserts: B-OPV, BCG, Infanrix-Hexa, Hexaxim, Prevenar, Varilrix, Gardasil 9, Gardasil, Cervarix, Adacel, Adacel quadra, Synflorix, Boostrix, Boostrix Tetra, Priorix, Rotateq, Rotarix, Influvac, Vaxigrip Tetra, Menactra, Onvara, Omzyta, Measles vaccine Cipla, Hep B SII, MR SII, PCV-10 Cipla, Avaxim, Havrix, Tetraxim, Hiberix, Twinrix, Pneumovax.
- c Communication with GSK (Upper age limit of Infanrix-Hexa®)
- d CDC pink book <http://www.cdc.gov/vaccines/Pubs/pinkbook/pink-chapters.htm>
- e NAGI (National Advisory Group on Immunisation)



## KNOW YOUR PRODUCTS - REGISTERED VACCINES IN SOUTH AFRICA

Vaccine	Abbreviation	Trade name(s)®	Age Indications
● Diphtheria, tetanus, acellular pertussis and polio vaccine	DTaP-IPV	Tetraxim®	From 6 weeks of age up to 12 years
● Diphtheria, tetanus, acellular pertussis/inactivated polio, <i>Haemophilus influenzae</i> type b and hepatitis B vaccine	DTaP-IPV-Hib-HBV	Hexaxim®	From 6 weeks to 5 years
		Infanrix®Hexa	From 8 weeks to 3 years
● <i>Haemophilus influenzae</i> type b vaccine	Hib (PRP-T)	Hiberix®	Infants from 6 weeks of age
● Hepatitis A vaccine	HepA	Havrix® Junior	From 12 months through 15 years
		Avaxim 80®	
		Avaxim 160®	From 16 years through adulthood
● Hepatitis B vaccine	HepB	Engerix-B®	From birth through adulthood (age-dependent dose)
		Euvax B®	
		HepB SII®	
● Hepatitis A (paed) and Hepatitis B (adult) combination vaccine	HepA-HepB	Twinrix®	From 12 months through adulthood (age-dependent dose)
● Human papillomavirus vaccine	HPV	Cervarix®	From 9 years and older for both females and males
		Gardasil®	Gardasil ages 9 through 45 years (girls and women)
			Gardasil ages 9 through 26 years (boys and men)
		Gardasil 9®	From 9 years and older for both females and males
● Influenza vaccine (egg-based)	IIV	Influvac®	From 6 months of age
		Vaxigrip Tetra®	
● Measles Vaccine	MM	Measles Vaccine Cipla®	From 9 months of age (EPI from 6 months)
● Measles, rubella vaccine	MR	MR SII®	From 9 months of age (EPI from 6 months)
● Measles, mumps, and rubella vaccine	MMR	Priorix®	In the second year of life and as a booster at the age of 4 - 6yrs
		Omzyta®	From 12 months of age
● Meningococcal serogroups A, C, W, Y vaccine	MenACWY-D	Menactra®	From 9 months of age through 55 years
● Pneumococcal conjugate vaccine	PCV10 (SII)	PCV10-Cipla®	From 6 weeks of age up to 2 years (EPI until 6 years)
	PCV10 (GSK)	Synflorix®	From 6 weeks to 5 years
	PCV13	Prevenar-13®	From 6 weeks of age through adulthood
	PCV15	Vaxneuvance®	From 6 weeks of age through adulthood
● Pneumococcal polysaccharide vaccine	PPSV23	Pneumovax® 23	From 2 years of age
● Poliovirus vaccine	OPV	B-OPV®	From birth through adulthood (EPI until 6 months)
● Rabies vaccine		Verorab®	From birth through adulthood
		Chirorab®	
● Rotavirus vaccine	RV1	Rotarix®	From 6 weeks until 24 weeks, 0 days
	RV5	RotaTeq®	From 6 weeks until 32 weeks, 6 days
● Respiratory Syncytial Virus vaccine	RSV	Abrysvo®	In pregnancy from week 28 - 36 weeks
			Patients ≥60 years of age
● Tetanus vaccine	TT	Tetanus Vaccine Cipla®	Infants, children, adults
		Tetanus-Toxoid Bio®	From 7 years of age
● Tetanus and reduced amounts of diphtheria, and acellular pertussis vaccine	Tdap	Adacel®	From 4 years of age
		Boostrix®	
● Tetanus and reduced amounts of diphtheria, acellular pertussis vaccine and inactivated polio vaccine	Tdap-IPV	Adacel Quadra®	From 3 Years of age
		Boostrix Tetra®	From 4 years of age
● Tuberculosis vaccine	BCG	Bacille Calmette Guerin®	From birth
● Typhoid vaccine	Vi-PS	Typhim Vi®	From 2 years of age
● Varicella vaccine	VAR	Varilrix®	From 9 months of age
		Onvara®	From 12 months of age
● Yellow Fever vaccine	YF	Stamaril®	From 9 months of age

● Live Vaccine    ● Inactivated Vaccine