

Vaccine Schedules for South Africa for 2015
Compiled by Amayeza Info Services' Vaccine Helpline:

| Age of child | EPI schedule (6-10-14 wks) | Private (6-10-14 wks) | Private (6-10-14 wks + HepB at Birth) | Age of child | Option 3 in Private (2-4-6 months) |
|--------------|--|--|--|---------------|--|
| At birth | OPV(0) | OPV(0) | OPV (0) | At birth | OPV(0) |
| | BCG | BCG | BCG | | BCG |
| | | | HBV ¹ | | |
| 6 weeks | OPV(1) | OPV(1) | OPV(1) | 2 months | OPV(1) |
| | RV (1) | RV (1) | RV (1) | | RV (1) |
| | PCV(1) | PCV(1) | PCV (1) | | PCV (1) |
| | DTaP-IPV/Hib (1) ¹ + HBV(1), or DTaP-IPV-Hib-HBV (1) ¹ | DTaP-IPV-Hib-HBV (1) ² | DTaP-IPV-Hib-HBV (1) ² or DTaP-IPV-HBV/Hib (1) ² | | DTaP-IPV-Hib-HBV (1) or DTaP-IPV-HBV/Hib (1) |
| 10 weeks | | RV ³ (2) | RV ³ (2) | 3 or 4 months | RV ³ (2) |
| | | PCV (2) | PCV (2) | | PCV (2) |
| | DTaP-IPV/Hib (2) + HBV(2) or DTaP-IPV-Hib-HBV (2) | DTaP-IPV/Hib (2) + HBV (2) or DTaP-IPV-Hib-HBV (2) | DTaP-IPV-Hib-HBV (2) or DTaP-IPV-HBV/Hib (2) | | DTaP-IPV-Hib-HBV(2) or DTaP-IPV-HBV/Hib (2) |
| 14 weeks | RV (2) | RV ³ (2 or 3) | RV ³ (2 or 3) | 4 or 6 months | RV ³ (2 or 3) |
| | PCV(2) | PCV (3) | PCV (3) | | PCV (3) |
| | DTaP-IPV/Hib (3) + HBV(3) or DTaP-IPV-Hib-HBV (3) | DTaP-IPV/Hib (3) + HBV (3) or DTaP-IPV-Hib-HBV (3) | DTaP-IPV-Hib-HBV (3) or DTaP-IPV-HBV/Hib (3) | | DTaP-IPV-Hib-HBV(3) or DTaP-IPV-HBV/Hib (3) |
| 9 months | Measles (1) | Measles (1) | Measles (1) | 9 months | Measles (1) |
| | PCV(3) | MCV (1) | MCV (1) | | MCV (1) |
| 12-15 months | | PCV (4) ⁴ | PCV (4) ⁴ | 12-15 months | PCV (4) ⁴ |
| | | MMR (1) | MMR (1) | | MMR (1) |
| | | Varicella ⁵ (1) | Varicella ⁵ (1) | | Varicella ⁵ (1) |
| | | Hepatitis A (repeat 6 months later) | Hepatitis A (repeat 6 months later) | | Hepatitis A (repeat 6 months later) |
| | | MCV (2) | MCV (2) | | MCV (2) |
| 18 months | DTaP-IPV/Hib (4) or DTaP-IPV-Hib-HBV (4) | DTaP-IPV/Hib (4) or DTaP-IPV-Hib-HBV (4) or DTaP-IPV-HBV/Hib (4) | DTaP-IPV/Hib or DTaP-IPV-Hib-HBV (4) or DTaP-IPV-HBV/Hib (4) | 18 months | DTaP-IPV/Hib or DTaP-IPV-Hib-HBV (3) or DTaP-IPV-HBV/Hib (3) |
| | Measles (2) | | | | |
| 5-6 years | Td vaccine (6 years) | DTaP or Tdap -IPV | DTaP or Tdap-IPV | 5-6 years | DTaP or Tdap-IPV |
| | | MMR (2) | MMR (2) | | MMR (2) |
| | | Varicella (2) | Varicella (2) | | Varicella (2) |
| | | | | | |
| 9 years | HPV ⁶ | HPV ⁷ (from 9 years) | HPV ⁷ ⁸ (from 9 years) | 9 years | HPV ⁷ (from 9 years) |
| 12 years | Td vaccine | Tdap-IPV ⁸ | Tdap-IPV ⁸ | 12 years | Tdap-IPV ⁸ |

References for vaccine schedule:

- Expanded programme of immunisation (EPI) (From April 2009)
- Package inserts: Infanrix-Hexa, Hexaxim, Prevenar, Varilrix, Gardasil, Cervarix, Adacel quadra, Synflorix, Boostrix Tetra, Priorix Tetra, Trimovax, Priorix, Pentaxim, Rotateq, Rotarix, Menactra.
- Personal communication with GSK (Upper age limit of Infanrix-Hexa[®])
- CDC pink book <http://www.cdc.gov/vaccines/Pubs/pinkbook/pink-chapters.htm>

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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

Abbreviations:

- o **OPV:** Oral polio vaccine,
- o **BCG:** Bacille Calmette Guerin vaccine,
- o **HBV:** Hepatitis B vaccine,
- o **RV:** Rotavirus vaccine
- o **Td vaccine:** Tetanus & reduced amount of diphtheria vaccine
- o **Tdap-IPV:** (Quadrivalent): Tetanus & reduced amounts of diphtheria and acellular pertussis with inactivated polio vaccine
- o **DTaP:** Diphtheria, tetanus and acellular pertussis vaccine
- o **DTaP-IPV/Hib:** (Pentavalent): Diphtheria, tetanus, acellular pertussis / inactivated polio & *haemophilus influenzae* type b vaccine
- o **DTaP-IPV-Hib-HBV:** (Hexavalent): Diphtheria, tetanus, acellular pertussis / inactivated polio / *haemophilus influenzae* type b and hepatitis B vaccine, fully liquid.
- o **DTaP-IPV-HBV/Hib:** (Hexavalent): Diphtheria, tetanus, acellular pertussis / inactivated polio / *haemophilus influenzae* type b and hepatitis B vaccine, requiring constitution
- o **HPV:** Human papillomavirus vaccine
- o **MCV:** Meningococcal (Groups A, C, W and Y) polysaccharide diphtheria toxoid conjugate vaccine
- o **MMR:** Measles, mumps and rubella vaccine
- o **PCV:** Pneumococcal conjugated vaccine

Referenced notes (superscripts)

1. The pentavalent vaccine (Pentaxim[®]) is going to be phased out.
2. If the hexavalent vaccine -Infanrix-hexa[®] is given according to the EPI schedule (6, 10 and 14 weeks), then a birth dose of HBV is required. However, if Hexaxim[®] is used according to the EPI schedule, a birth dose of HBV is NOT required.
3. If pentavalent rotavirus vaccine is used, then 3 doses are required, 6, 10 and 14 weeks. If monovalent vaccine is used, only 2 doses are given – 6 and 14 weeks
4. When Synflorix[®] is used, the 4th dose can be given from 9.5 months provided it has been 6 months since the last dose.
5. Chickenpox vaccine 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.
6. HPV – bivalent vaccine for girls only. 2 doses six months apart. From March 2014 given to grade 4 girls in public schools only as the start of the programme.
7. HPV - quadrivalent vaccine – for boys and girls. Course consists of 2 doses, six months apart for children 9 -13 years of age or 3 doses – 0, 2 and 6 months for older adolescents. Bivalent vaccine – for girls only. Course consists of 2 doses, six months apart for girls 9 -14 years of age or 3 doses – 0, 1 and 6 months for older girls.
8. If not given at six years, as products are currently only licensed as a single dose

TRADE NAMES

| ANTIGEN | TRADE NAME | AGE GROUP |
|-------------------------------|---|--|
| BCG | BCG [®] | Usually at birth only but in certain cases up to 1 year |
| CHICKENPOX | VARILRIX [®] | 9 months and older |
| DTaP | INFANRIX [®] | 6 weeks to 7 th birthday (not usually used for < 2 years of age) |
| DTaP-IPV-HBV/Hib | INFANRIX-HEXA [®] | Children 8 weeks to 2 years |
| DTaP-IPV-Hib-HBV | HEXAXIM [®] | 6 weeks to 5 years |
| DTaP-IPV/Hib | PENTAXIM [®] | Children 6 weeks to 2 years. This product will be phased out in 2015 |
| HEPATITIS A | AVAXIM 80 [®] or HAVRIX JUNIOR [®] | 1 – 15 years |
| HEPATITIS B (HBV) | HEBERBIOVAC [®] , EUVAX [®] or ENGERIX-B [®] | 0-adulthood (dose according to age) |
| HPV | GARDASIL [®] (quadrivalent) or CERVARIX [®] (bivalent) | Gardasil ages 9-45 years (girls and women) Gardasil ages 9-26 years (boys and men) Cervarix 9 years and older |
| MCV (A,C,W,Y) | MENACTRA [®] | 9 months – 23 months; 2 doses 3 months apart. ≥ 2years – 55 years – a single dose |
| MEASLES | ROUVAX [®] | 9 months and older |
| MEASLES, MUMPS, RUBELLA (MMR) | TRIMOVAX [®] or PRIORIX [®] | 1 year - adulthood |
| OPV | OPV-MERIEUX [®] or POLIORAL [®] | 0-Adulthood (not generally recommended in adulthood due to VAPP – vaccine associated paralytic polio) |
| PNEUMOCOCCAL (PCV) | PREVENAR-13 [®] SYNFLORIX [®] | Children 6 weeks to 5 years Children 6 weeks to 5 years |
| ROTAVIRUS (RV) | ROTARIX [®] ROTATEQ [®] | First dose from 6 weeks, second before 24 weeks First dose from 6 weeks of age and by 12 weeks, last dose before 32 weeks |
| Td | DIFTAVAX [®] | 6 years and older |
| Tdap-IPV | ADACEL QUADRA [®] BOOSTRIX TETRA [®] | from 3 Years of age from 4 years of age |

Other paediatric vaccines available, for use in certain situations.

- Hiberix[®] (Hib - *Haemophilus influenzae* type b): Used up to 5 years of age.
- Infanrix[®] (DTaP- Diphtheria, tetanus, acellular pertussis): can be used up to 7 years of age
- Menactra[®] (Conjugated meningococcal vaccine) : individuals from 2 to 55 years of age can receive a single dose of the vaccine
- Twinrix[®] (Hepatitis A + hepatitis B)

For more information call 0860 160 160