



NATIONAL VACCINATION PROGRAM FOR CHILDREN AND ADOLESCENTS, MINISTRY OF HEALTH, CYPRUS, 2022

1. Hepatitis B vaccine (Hep B)

- 3 doses are administered at 0, 1 and 6 months starting at aged 2 months.
- The interval between the 1st and the 2nd dose should be at least 4 weeks and between the 1st and the 3rd dose should be at least 4 months.
- The last dose should not be given before the age of 24 weeks (6 months).
- In case of the mother is a carrier of hepatitis B (HBsAg+), the 1st dose of the monovalent HepB vaccine as well as 0.5ml of hyperimmune γ -globulin against the hepatitis B virus (HBIG) should be given within 12 hours of birth. The 2nd dose of the vaccine should be given at the age of 1-2 months and the 3rd dose not before the age of 6 months. A total of 3 more doses should be given.

2. Haemophilus influenzae type b conjugated vaccine (Hib)

- Younger age of administration: 6 weeks.
- The vaccine is given in 4 doses according to the Scheme.

3. Tetanus vaccine – diphtheria and acellular pertussis (DTaP) for children < 7 years old

- The vaccine is given in 5 doses according to the Scheme.
- The 4th dose of vaccine can be given at the 15th month of life provided 6 months have passed since the 3rd dose of vaccine.
- The 5th dose of vaccine is given at the age of 4-5 years old.

4. Tetanus vaccine – diphtheria and acellular pertussis (Tdap) for children \geq 7 years old

- The Tdap vaccine contains less amount of toxoid diphtheria and antigens against the DTaP.
- Followed retake doses with Td vaccine every 10 years for life.

5. Inactivated Polio vaccine (IPV)

- Younger age of administration: 6 weeks.
- According to the Scheme, 5 doses of IPV vaccine are required.

6. Pneumococcal conjugate vaccine (PCV13)

- Younger age of administration: 6 weeks.
- This vaccine is recommended for all healthy children age of 2-59 months according to the Scheme. In case of the vaccine is administered for the first time to a child 12-24 months old, two doses are required with an interval of two months, while for children 24 months and older should be given one dose of PCV if the vaccine is a 13-potency or two doses if the vaccine is a 10-potency.

7. Meningococcal quadrivalent serogroup vaccine A,C,T,W135 (Men ACWY)

- This vaccine is given in 1 dose at the age of 12 months.

8. Measles – Mumps – Rubella vaccine (MMR)

- Younger age of administration: 12 months.
- 2 doses of MMR vaccine are recommended according to the Scheme. The 2nd dose of vaccine is recommended at 4 years old, but it can be given earlier as long as 4 weeks have passed after the 1st dose. Both doses should be given after the 12th month of life.
- Children and teenagers who have not been vaccinated with the 2nd dose at 4 years old, must have it until the age of 18 years or at any age.

9. Varicella vaccine (VAR)

- Younger age of administration: 12 months.
- The vaccine VAR is recommended after the age of 12 months for children who have not had the disease. The 2nd dose of vaccine is recommended at 4 years old, but it can be given earlier as long as 3 months have passed after the 1st dose. In case of the 2nd dose has been given within an interval

of 1 month from the 1st dose to children age of 12 months to 12 years, the vaccination is considered sufficient and is not repeated.

10. Hepatitis A vaccine (HepA)

- Younger age of administration: 12 months.
- 2 doses, with 6 months apart are recommended after 12 months of age.

11. Human papillomavirus vaccine (HPV)

- Younger age of administration: 9 years.
- The HPV vaccine is administered/given in 2 doses at 12 years old.
- The 2nd dose should be given between 6 months after the 1st dose

12. Flu vaccine

A. Children > 6 months – 17 years who have one or more of the following aggravating factors or chronic diseases:

- Asthma or chronic diseases of the respiratory system¹
- Heart disease² with severe hemodynamic disturbances
- Diabetes mellitus or other chronic metabolic disease
- Chronic kidney or liver disease
- Neurological or neuromuscular diseases³
- Sickle cell anemia and other serious hemoglobinopathies
- Immunosuppression (hereditary or acquired due to disease or immunosuppressive/immunomodulatory treatment)
- Organ transplant or primordial hematopoietic cells
- Pathogenic Obesity (metabolic syndrome) with a Body Mass Index (BMI)>40 kg/m²

B. The vaccine can be given to children > 6 months – 15 years

¹ Chronic lung disease (COPD (Chronic Obstructive Pulmonary Disease) - Chronic Pulmonary or Cystic Fibrosis)

² Congenital heart diseases, valvular diseases, congestive heart failure, coronary or/and hypertensive heart disease, arrhythmias

³ Diseases of the brain and the Spine, cerebral palsy, epilepsy (convulsions), cerebral vascular accident, intellectual disability, moderate to severe developmental delay, muscular dystrophy, severe spinal cord injury

Updated National Immunization Scheme for Children and Adolescents (2023)

AGE → VACCINE ↓	2 MONTHS	3 MONTHS	4 MONTHS	5 MONTHS	6 MONTHS	7 MONTHS	8 MONTHS	12 MONTHS	13 MONTHS	15 MONTHS	18 MONTHS	20 MONTHS	24 MONTHS	30 MONTHS	4-6 YEARS	11-12 YEARS	15 YEARS
HEPATITIS B	Hep B		Hep B		Hep B												
HAEMOPHILUS INFLUENZAE TYPE b	Hib		Hib		Hib						Hib						
DIPHTHERIA / TETANUS / ACCELLULAR PERTUSSIS	DTaP		DTaP		DTaP						DTaP				DTaP	Tdap adult	
POLIOMYELITIS	IPV		IPV		IPV						IPV				IPV		
PNEUMOCOCCAL CONJUGATE		PCV		PCV				PCV									
MENINGOCOCCAL A,C,W135,Y								Men 4									
MEASLES/ MUMPS / RUBELLA								MMR							MMR		
VARUCELLA								Var							Var		
HEPATITIS A													Hep A	Hep A			
HUMAN PAPILLOMAVIRUS (HPV)																HPV	
SEASONAL INFLUENZA					FLU												