



NATIONAL VACCINATION PROGRAM FOR CHILDREN AND ADOLESCENTS, MINISTRY OF HEALTH, CYPRUS, 2024

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 11 -13 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*

National Immunization Program for Children and Adolescents (2024)

AGE →	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 PAPILOMAVIRUS (HPV)																	HPV up to 13 yrs
SEASONAL INFLUENZA	FLU																