

Immunization in Czech Republic

Hexavaccine

Hexavaccine contains:

- **diphtheria** – anatoxine;
- **pertussis** – acellular antigens of *Bordetella pertussis*: anatoxine, hemagglutinine, pertaktine;
- **tetanus** – anatoxine;
- **polio** – (inactivated) virus poliomyelitis (type 1-3), Salk vaccine
- **hepatitis B** – recombinant HBsAg (rDNA Antigenum tegiminis hepatitidis B);
- ***Haemophilus influenzae* type B** - adsorbed conjugated polysaccharide vaccine againsts *Haemophilus influenzae* type b.



Immunization

More information about doses can be found in immunization schedule table.

Application: intramuscular.

Measles, Mumps and Rubella

MMR immunization is performed with **live vaccine** on the first day of 15th month of child. The second dose should be performed 6–10 months later.

Application: subcutaneous.

Immunization againsts TBC

Vaccination againsts TBC has been in the Czech republic cancelled since November 2010.

Immunization Schedule in the Czech Republic

This immunization schedule is performed since 1 November 2010.^[1]

Age	Hexavaccine	Measles, mumps and rubella (MMR)
3 months	1 st dose of hexavaccine	
4 months	2 nd dose of hexavaccine	
5 months	3 rd dose of hexavaccine	
6-9 months		
10-14 months	4 th dose of hexavaccine	
15-16 months		1 st dose of MMR
17-18 months		
19-20 months		
21-25 months		
2-4 years		
5 years	5 th dose of diphtheria, tetanus, pertussis	2nd dose of MMR
10 years	5 th dose of polio, 6 th dose of diphtheria, tetanus and pertussis	
20-25 years	7 th dose of tetanus	

Links

Related articles

- Immunization in Travelling Medicine
- Immunization in United Kingdom

Sources

- WikiSkripta.eu. *Pravidelná očkování v Česku* [online]. ©2011. [cit. 2012-01-24]. <http://www.wikiskripta.eu/index.php/Pravideln%C3%A1_o%C4%8Dkov%C3%A1n%C3%AD_v_%C4%8Cesku>.

References

1. PETRÁŠ, M. *Očkování, internetové informační centrum : Očkovací kalendář v ČR (2010)* [online]. ©2011. [cit. 2011-05-28]. <http://www.vakciny.net/principy_ockovani/pr_04.html>.

Bibliography

- GEIZEROVÁ, Helena. *Epidemiologie – vybrané kapitoly pro seminární a praktická cvičení*. 1. edition. Karolinum, 1995. 83 pp. ISBN 80-7184-179-X.
- SÚKL. *Očkovací kalendář* [online]. ©2008. [cit. 2010-03-21]. <<http://www.leky.sukl.cz/modules/vaccine/vaccine.php>>.