

# BULGARIAN NATIONAL IMMUNIZATION PROGRAMME

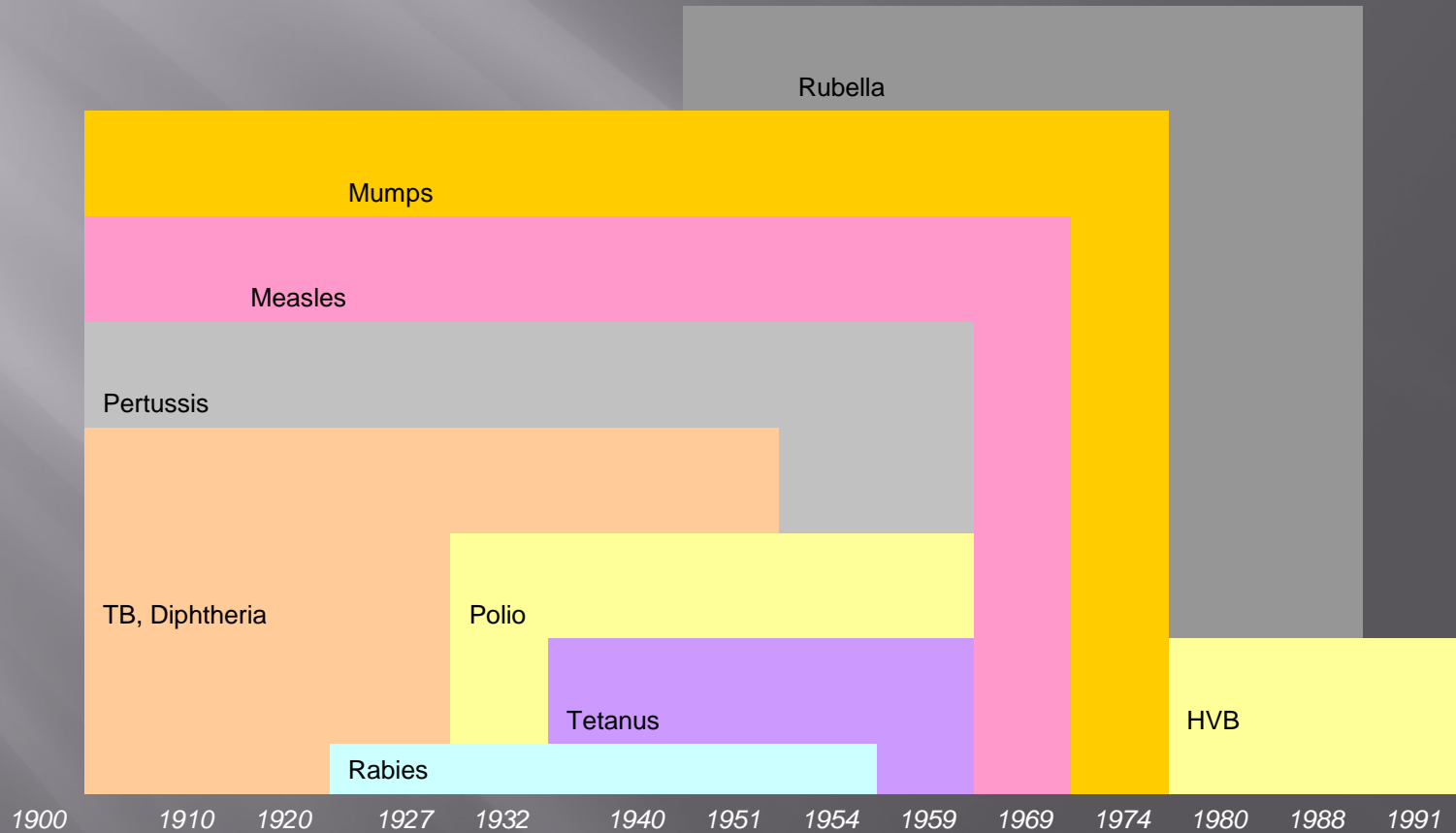
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# Immunization Policy Legal Framework - 1

- ▣ 1903 – Law on Protection of Public Health and Amendments – 1930 +.....
  - compulsory notification and registration of CD (Smallpox, Measles, Mumps, Diphtheria, Pertussis, Tuberculosis)
  - Compulsory immunization against Smallpox
  
- ▣ 2005 - Law on Health
  - Chapter II – Health Protection Activities, section 5 – CD Control, art. 58 and 59
  - Chapter III – Medical services, section 1 – Accessibility and Quality of Health Care, art. 82
  
- ▣ 2005 - Regulation 15/2005 concerning Immunizations in the Republic of Bulgaria
  - define age groups, schedules, specific vaccine characteristics and requirements for usage
  
- ▣ 2002 - Expert Committee for CD surveillance and immunization policy
  - advise the Minister about National Immunization Policy

# Mandatory notification of CD and compulsory Immunization – historical data



## Immunization status and risk of Mumps according to year of birth

1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
<ul style="list-style-type: none"> <li>• 1982 – 1986 - routine immunization stopped</li> <li>• 1986 – 1988 - routine immunization with 1 dose mono valent vaccine strain Leningrad 3 for native or non immunized children between 1 to 12 years</li> </ul>										
							<ul style="list-style-type: none"> <li>• routine immunization with 1 dose mono valent vaccine strain Leningrad 3 at 12 months</li> <li>• 2001 – routine immunization with 1 dose combine MMR vaccine at 12 years</li> </ul>			
							<ul style="list-style-type: none"> <li>• 1992 – 2000 – routine immunization with 1 dose combine MMR vaccine at 13 months</li> <li>• 2001 – 2006 – routine immunization with 2 doses combine MMR vaccine at 13 months and 12 years</li> </ul>			

# Immunization Policy Legal Framework - 2

- ▣ Compulsory health insurance system
  - All children until 16 years of age are insured by the State and have a full access to medical care (including immunizations) irrespectively of the health insurance of the family
  - EPI vaccinations are mandatory and free of charge for the parents
  - Active attitude of the parents
- ▣ GPs and their role
  - Gate keepers
  - Annual contract with the NHIF
  - Planning, supplying, storage, performing, registration, reporting of Immunizations
- ▣ Ministry of Health / regional structures and their role
  - Planning
  - Procurement
  - Supply
  - Storage
  - Proper use
  - Management of AEFI

# Bulgarian Immunization Calendar

- Compulsory Immunization against 11 CD (TBC, Hep B, Diphtheria, Tetanus, Pertussis, Polio, HIB, Pneumo, Measles, Mumps, Rubella)
- Compulsory immunization against Rabies, Crimean-Congo Haemorrhagic Fever and Abdominal Typhus for risk-groups (professional risk) and use of specific Immunoglobulin's and serums for post-exposure prophylaxis
- Use of Mercury free preservative vaccines up to 6 months - 2005
- Use of Jeryl Lynn strain or derivates in MMR vaccine - 2004
- Change OPV with IPV - 2007 and decrease the number of IPV doses received from 6 to 5
- Change DTPw with DTPa - 2009

Age	At birth	1 mo	2 mo	3 mo	4 mo	6 mo	7 mo	12 mo	13 mo	16 mo	6 yr	7 yr	11 yr	12 yr	17 yr	>25 yr (every 10 yr)
BCG	●						(●) <sup>2</sup>					(●) <sup>2</sup>	(●) <sup>2</sup>		(●) <sup>2</sup>	
Hep B	●	●				●										
DTPa, IPV, HIB			●	●	●					●						
Pneumo			●	●	●			●								
MMR									●					●		
DTPa, IPV											●					
Td														●	●	●

(●)<sup>2</sup> absence of tuberculin sensitivity

## Recommended vaccinations

- ❑ Recommended for persons in other age groups not included in the Immunization Calendar
  - Polio, MMR, Hep. A and B, Rabies, Typhus abdominalis, Yellow fever, HIB, Pneumococcal diseases, Meningococcal diseases, Influenza, HPV
- ❑ Recommended for persons at risk (medical, professional etc.)
- ❑ Voluntary and need to be paid by the patient (for the vaccine and its administration)
- ❑ Administered after prescription from GP's/Physician's/Specialists as other drugs

## Next steps

- ▣ Development of instruments to increase the immunization coverage in marginalized and hard to reach groups
- ▣ Discussions and proposal of mechanisms to reimburse some recommended vaccines with high Public Health importance – Influenza vaccine