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

<table>
<thead>
<tr>
<th>Year</th>
<th>Immunization Details</th>
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<tbody>
<tr>
<td>1982</td>
<td>- 1986 - routine immunization stopped</td>
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<td>- 1986 – 1988 - routine immunization with 1 dose mono valent vaccine strain Leningrad 3 for native or non immunized children between 1 to 12 years</td>
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<td>- routine immunization with 1 dose mono valent vaccine strain Leningrad 3 at 12 months</td>
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<td>- 2001 – routine immunization with 1 dose combine MMR vaccine at 12 years</td>
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<td>- 1992 – 2000 – routine immunization with 1 dose combine MMR vaccine at 13 months</td>
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<td>- 2001 – 2006 – routine immunization with 2 doses combine MMR vaccine at 13 months and 12 years</td>
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Source: NCIPD, 2006
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

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<thead>
<tr>
<th>Age</th>
<th>At birth</th>
<th>1 mo</th>
<th>2 mo</th>
<th>3 mo</th>
<th>4 mo</th>
<th>6 mo</th>
<th>7 mo</th>
<th>12 mo</th>
<th>13 mo</th>
<th>16 mo</th>
<th>6 yr</th>
<th>7 yr</th>
<th>11 yr</th>
<th>12 yr</th>
<th>17 yr</th>
<th>&gt;25 yr (every 10 yr)</th>
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(●)² 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
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