ADOLESCENT HEALTH PROGRAM AND ITS CONTRIBUTION TO THE SUCCESS OF VACCINATION

MACEDONIA
# Childhood Vaccination Schedule

<table>
<thead>
<tr>
<th>age at birth</th>
<th>1 month</th>
<th>3 months</th>
<th>4 months</th>
<th>5 months</th>
<th>6 months</th>
<th>13 months</th>
<th>18 months</th>
<th>20 months</th>
<th>4 years</th>
<th>7 years</th>
<th>14 years</th>
<th>18 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>vaccine type</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hep B</td>
<td>1.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCG</td>
<td>2.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DTwP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OPV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MMR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Td</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3.</td>
</tr>
<tr>
<td>Rubella</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5.</td>
</tr>
<tr>
<td>TT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4.</td>
<td></td>
</tr>
</tbody>
</table>
HOW ARE THE TARGET GROUP REACHED?

- **OBLIGATORY IMMUNIZATION**
  - PLANED
  - ORGANIZED
  - CONTINUOUS

- **SPECIALISTIC SERVICE FOR PREVENTIVE HEALTH CARE OF SCHOOL CHILDREN & ADOLESCENTS**

- **SPECIALISTIC SERVICE FOR PREVENTIVE HEALTH CARE OF INFANTS**

- **COMMUNITY REGISTER SERVICE**

- **HOME - VISITING NURSES SERVICE**
WHO ARE THE VACCINATORS?

OBLIGATORY MEDICAL EXAMINATION

- PEDIATRICIANS
- SCHOOL DOCTORS
- EDUCATED GENERAL PRACTICIONER

VACCINE ADMINISTRATION

- PEDIATRIC NURSE
- SCHOOL NURSE
TRAINING OF THE VACCINATORS

Medical School

Trainer for vaccine administration

DEPARTMENT OF IMMUNIZATION

Educated professional team

Medical Association

FACULTY OF MEDICINE
FINANCING OF IMMUNIZATION

GOVERNMENT

INSURED

Ministry of Health

Health Insurance

BUDGET

IMMUNIZATION
DECISION ON INTRODUCTION OF NEW VACCINES

Initiative

- Infectologist
- Epidemiologist
- Professional Medical Association
- Pediatrician
- School Doctor
- Ministry of Health
- Committee of immunization
- Ministry of Finance
- Financing expertise
- Government
- Plan and Program
- Permission
- Introduction of new vaccine
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hep B</td>
<td>98</td>
<td>91</td>
<td>99*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCG</td>
<td>97</td>
<td>99</td>
<td>94</td>
<td>95</td>
<td>91</td>
<td>97</td>
<td>97</td>
<td>95</td>
<td>96</td>
<td>91</td>
<td>85</td>
<td>79</td>
</tr>
<tr>
<td>DTwP</td>
<td>98</td>
<td>95</td>
<td>99</td>
<td>97</td>
<td>99</td>
<td>98</td>
<td>96</td>
<td>*97</td>
<td>98</td>
<td>84*</td>
<td>85</td>
<td>71</td>
</tr>
<tr>
<td>OPV</td>
<td>98</td>
<td>95</td>
<td>99</td>
<td>98</td>
<td>99</td>
<td>99</td>
<td>97</td>
<td>95</td>
<td>95</td>
<td>93</td>
<td>93</td>
<td>75</td>
</tr>
<tr>
<td>MMR</td>
<td>98</td>
<td>97</td>
<td>99</td>
<td>98</td>
<td>99</td>
<td>99</td>
<td>98</td>
<td>97</td>
<td>91</td>
<td>94*</td>
<td>95</td>
<td>93</td>
</tr>
<tr>
<td>Td</td>
<td>99</td>
<td>98</td>
<td>99</td>
<td>99</td>
<td>99</td>
<td>99</td>
<td>98</td>
<td>98</td>
<td>98</td>
<td>78</td>
<td>79</td>
<td>75</td>
</tr>
<tr>
<td>Rubella</td>
<td>99</td>
<td>99</td>
<td>98</td>
<td>99</td>
<td>99</td>
<td>98</td>
<td>97</td>
<td>96</td>
<td>96</td>
<td>99*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TT</td>
<td>97</td>
<td>99</td>
<td>99</td>
<td>99</td>
<td>99</td>
<td>99</td>
<td>98</td>
<td>97</td>
<td>99</td>
<td>97</td>
<td>97</td>
<td>74</td>
</tr>
</tbody>
</table>
ERADICATION

- Diphtheria
- Poliomyelitis
- Tetanus
- Congenital rubella
- Neonatal tetanus

UNDER CONTROL

- Measles
- Mumps
- Pertussis
- Hepatitis B
- Tuberculosis
STRENGTHS & BENEFITS OF THE IMMUNIZATION PROGRAMMES

- STRENGTHEN MONITORING OF COVERAGE AND CASE BASED SURVEILLANCE
- STRENGTHENING INTERACTION BETWEEN SERVICES AND COMMUNITY
- ELIMINATION OF SEVERE FORM OF DISEASES
- ERADICATION OF INFECTIVE DISEASES
- IMPROVING OF HEALTH CONDITION AND HEALTH OF YOUTH
CHALLENGES & THRESHOLDS OF THE IMMUNIZATION PROGRAMMES

- ACHIEVE HIGH 98-99 PERCENTAGE OF IMMUNIZATION COVERING
- KEEPING ERADICATION OF POLIOMYELITIS
- ERADICATION OF MASLES IN 2008 IN ALL COMMUNITY
- CONTROL AND PREVENTION OF HEPATITIS B IN ADOLESCENTS
CONCLUSION

High percentage of realization, continuous, planned and organized carrying out of immunization contribute for prevention, significant decreasing and putting under control of some specific diseases as well as elimination and eradication of the others which are subject to obligatory immunization.
Thank you for your attention