

**ADOLESCENT HEALTH PROGRAM  
AND ITS CONTRIBUTION  
TO THE SUCCESS  
OF VACCINATION**

**MACEDONIA**





# HOW ARE THE TARGET GROUP REACHED?

## OBLIGATORY IMMUNIZATION

- PLANNED
- 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





- ❖ **CARD INDEX**
- ❖ **MEDICAL CARDBOARD**
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- ❖ **IMMUNIZATION CARDS**
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- ❖ **SCHOOL SYSTEM**
- ❖ **PEER COMMUNICATION**
- ❖ **MEDIA**
- ❖ **PUBLISHED INFORMATION**
- ❖ **COMMUNITY SOCIAL SERVICES**
- ❖ **IMMUNIZATION PROMOTION & EDUCATION**

# **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

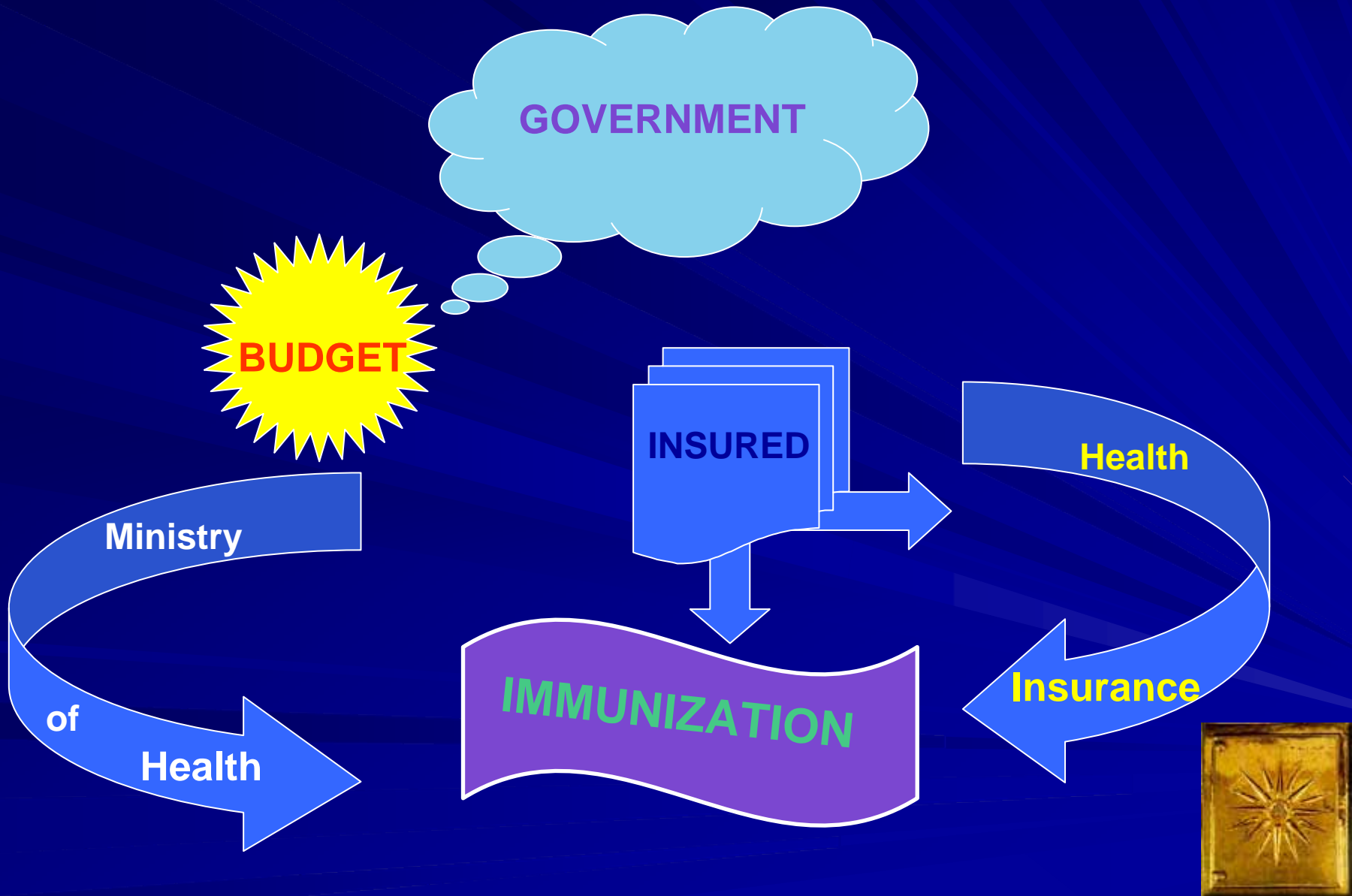
### Medical Association

### FACULTY OF MEDICINE

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# FINANCING OF IMMUNIZATION





# DECISION ON INTRODUCTION OF NEW VACCINES

## Initiative

Infectologist  
Epidemiologist

Professional Medical Association

Pediatrician  
School Doctor

## Analysis

Plan and Program

Ministry of Health  
Committee of immunization



Ministry of Finance  
Financing expertise



Permission

Introduction of new vaccine



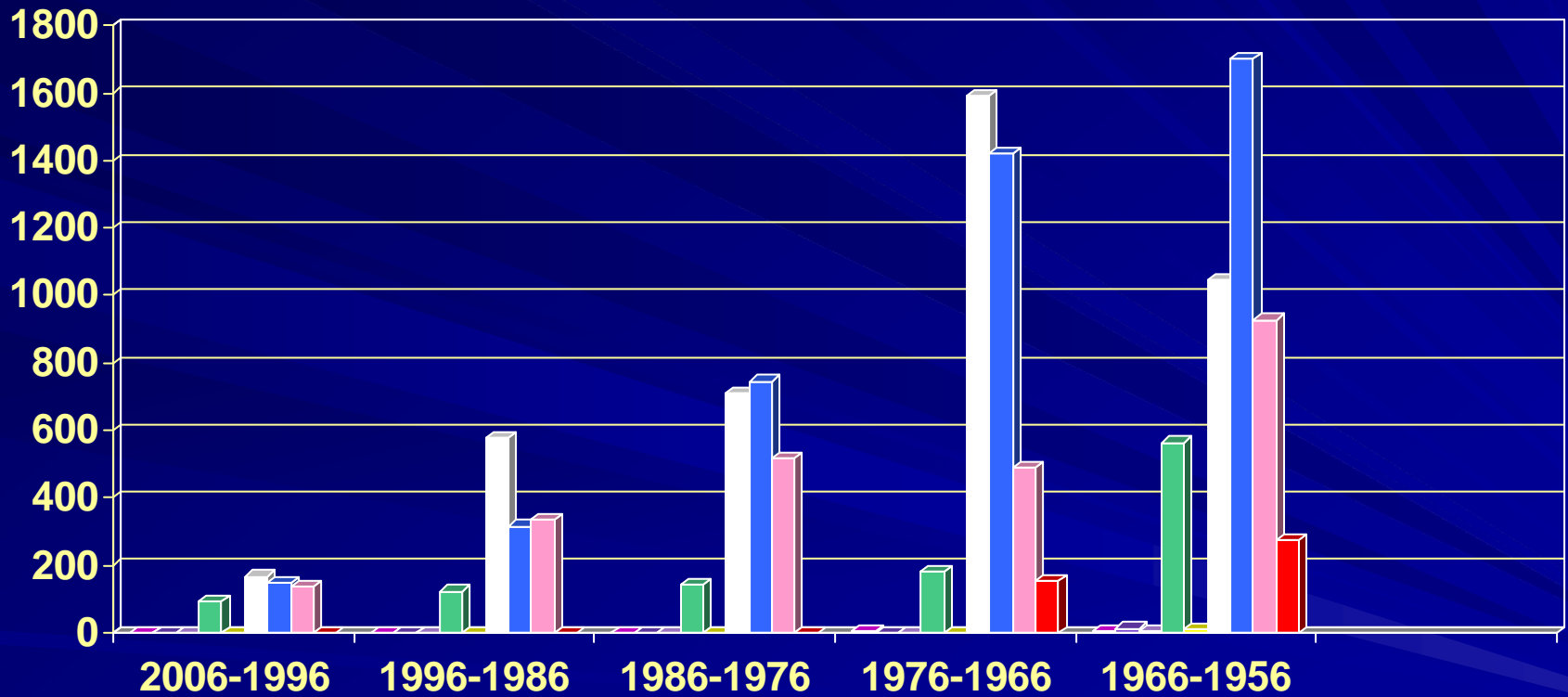
# COVERAGE DATA

Year %	2006	2005	2004	2003	2002	2001	2000	1995	1992	1988	1975	1969
Hep B	98	91	99*									
BCG	97	99	94	95	91	97	97	95	96	91	85	79
DTwP	98	95	99	97	99	98	96	*97	98	84*	85	71
OPV	98	95	99	98	99	99	97	95	95	93	93	75
MMR	98	97	99	98	99	99	98	97	91	94*	95	93
Td	99	98	99	99	99	99	98	98	98	78	79	75
Rubella	99	99	98	99	99	98	97	96	96	99*		
TT	97	99	99	99	99	99	98	97	99	97	97	74





# REPORTED CASES



Dyphteria  
Pertussis  
Mumps

Tetanus  
Poliomyelitis  
Rubella

Tetanus neonatus  
Measles  
Rubella congenita

## 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**