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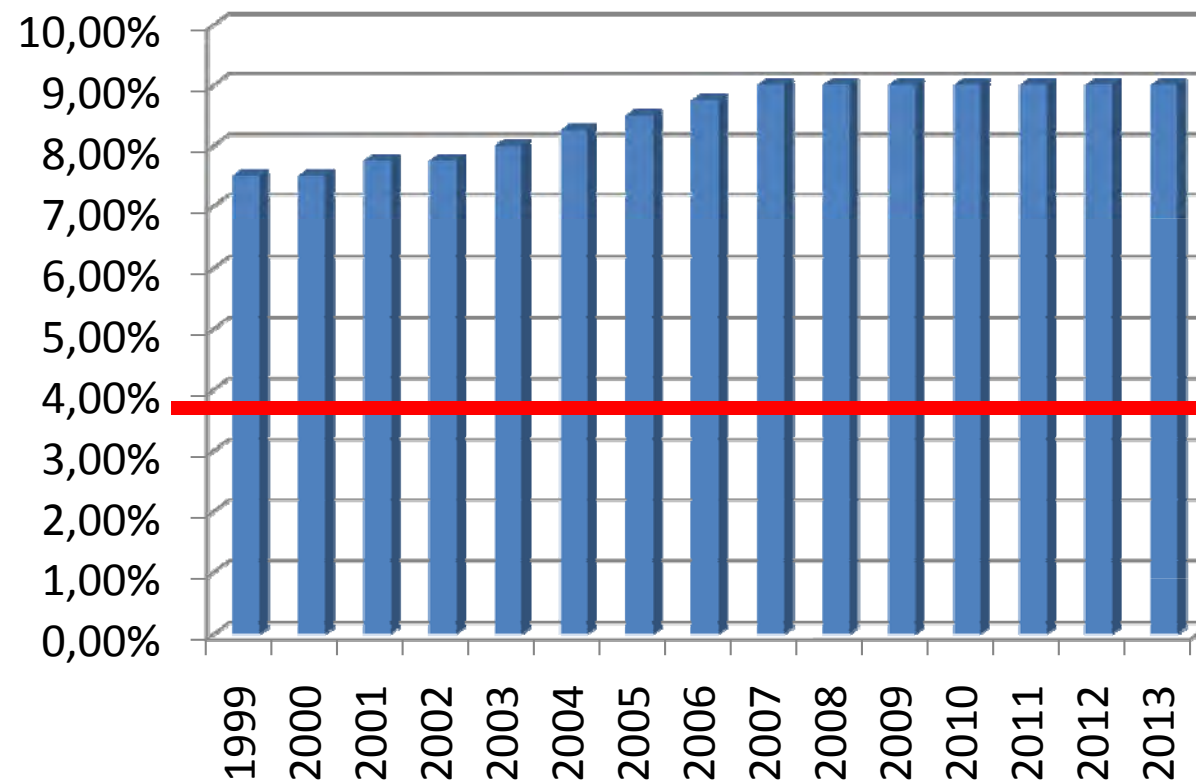
# ADVOCACY ACTIVITIES ON ARRHYTHMIAS: WHERE DO WE STAND TODAY, AND WHERE SHALL WE GO

## - THE EXPERIENCE OF POLISH EP COMMUNITY

# HEALTH CARE SYSTEM IN POLAND

## - FINANCING

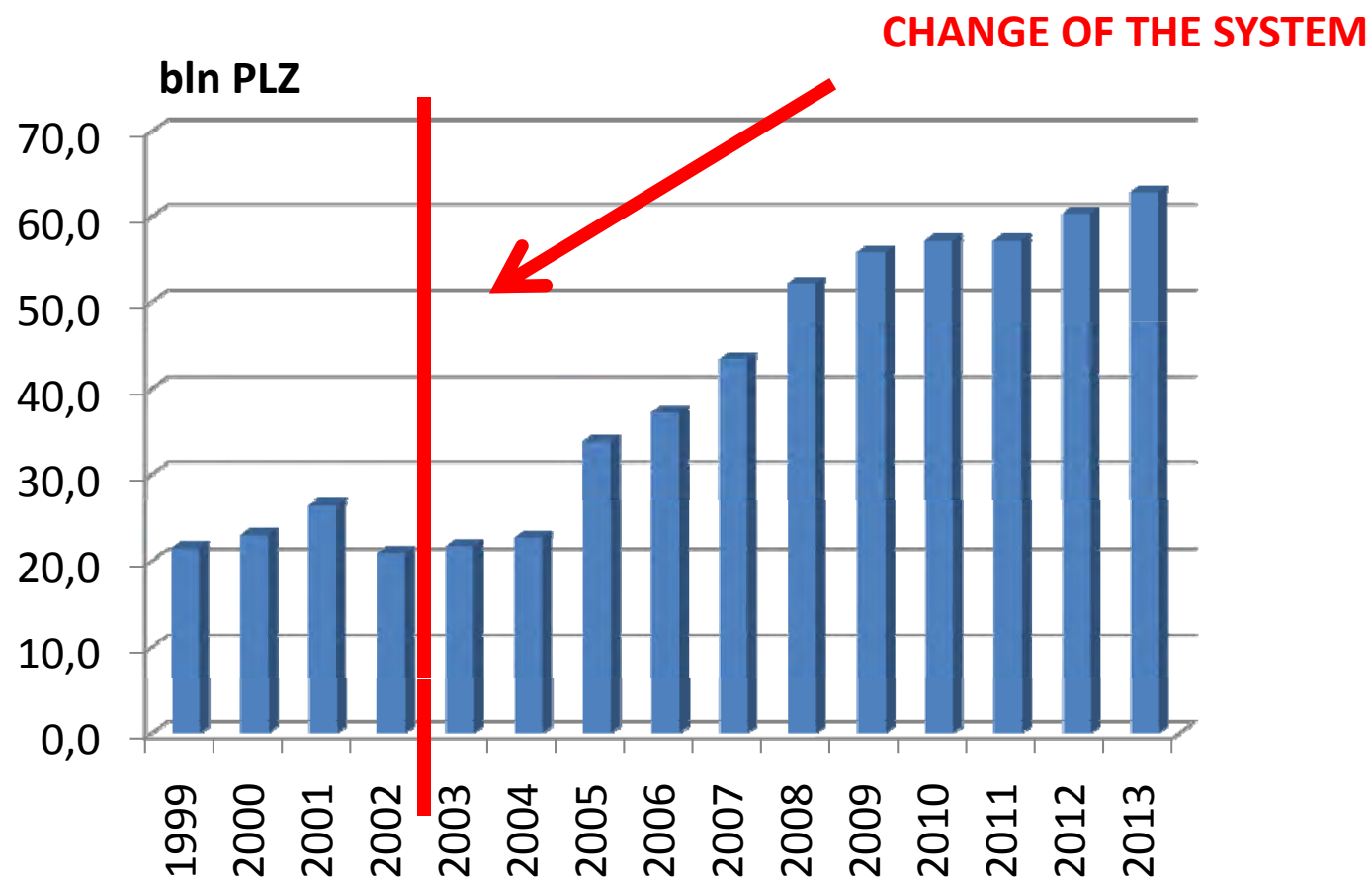
**% OF PERSONAL INCOME (SALARIES, WAGES, ...)**



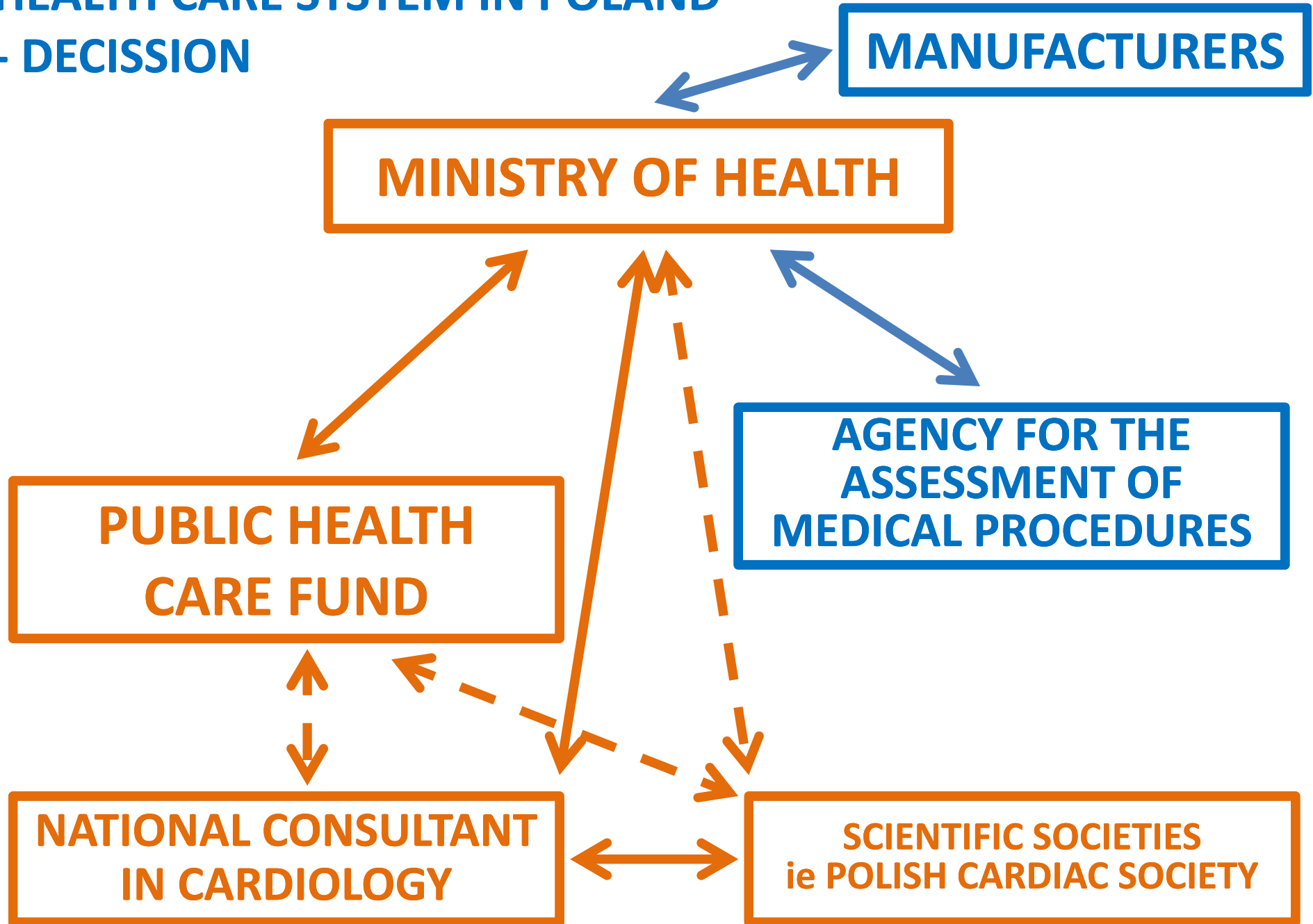
# HEALTH CARE SYSTEM IN POLAND

## - FINANCING

### PUBLIC SYSTEM BUDGET (~70% OF ALL EXPENDITURE)



# HEALTH CARE SYSTEM IN POLAND - DECISION



# **HEALTH CARE SYSTEM IN POLAND**

## **- SYSTEM CHARACTERISTICS**

### **ADVANTAGES:**

- **INDEPENDENT ON POLITICAL SITUATION**
- **INDEPENDENT FROM OTHER BUDGET EXPENDITURES (ie. RETIREMENT SYSTEM)**

### **DISADVANTAGES:**

- **STRONGLY DEPENDENT ON ECONOMICAL SITUATION**
- **COMPETITION AMONG DISCIPLINES**
- **COMPETITION INSIDE DISCIPLINE**

# **ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS**

## **BACKGROUND:**

- **POINT OUT THE PROBLEM**
- **FIND THE WAY TO SOLVE IT**
- **EDUCATION OF PHYSICIANS**
- **EDUCATION OF PATIENTS**
- **CONVINCE AUTHORITIES**

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

**POINT OUT THE PROBLEM, FIND THE WAY TO SOLVE IT**

- **ESC, EHRA GUIDELINES, POSITION PAPERS, STATEMENTS**
  - **ABLATION IN AF**
  - **SCD PROPHYLAXIS**
  - **HEART FAILURE MANAGEMENT**
  - **...**

# **ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS**

## **EDUCATION OF PHYSICIANS**

- **REFERRING PHYSICIANS**
  - **AVAILABILITY OF PROCEDURE**
  - **INDICATIONS**
  - **CONTRAINDICATIONS**



# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## EDUCATION OF PHYSICIANS

- **PERFORMING PHYSICIANS**
  - **INDICATIONS**
  - **CONTRAINdicATIONS**
  - **COMPLICATIONS**
  - **TOOLS**
  - **ENVIRONMENT**
  - **SKILLS**

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## EDUCATION OF PHYSICIANS

- **PERFORMING PHYSICIANS**
  - **INDICATIONS**
  - **CONTRAINDICATIONS**
  - **COMPLICATIONS**
  - **TOOLS**
  - **ENVIRONMENT**
  - **SKILLS**
- ✓ **INDIVIDUAL CERTIFICATION**
- ✓ **CENTER ACCREDITATION**

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## EDUCATION OF PHYSICIANS

- DEDICATED PROGRAMME DURING CONGRESS OF THE PCS
- SPRING MEETING OF THE WG ON HEART RHYTHM OF PCS
- OTHER EDUCATIONAL MEETINGS
- SCIENTIFIC JOURNALS („KARDIOLOGIA POLSKA”, „FOLIA CARDIOLOGICA EXCERPTA”)
- NEWSLETTER („W DOBRYM RYTMIE”)
- WORKSHOPS:
  - SCD
  - CRT
  - DEVICE & EP COMPLICATIONS
  - DEVICE PROGRAMMING

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## EDUCATION OF PATIENTS

- **SPECIAL SESSIONS DEDICATED TO PATIENTS AND THEIR RELATIVES ON:**
  - **HOW IT WORKS**
  - **HOW IT IS PERFORMED**
  - **WHAT ARE THE BENEFITS**
  - **WHAT ARE EVERY DAY ACTIVITIES LIMITATIONS**
- **MEDIA NEWS**

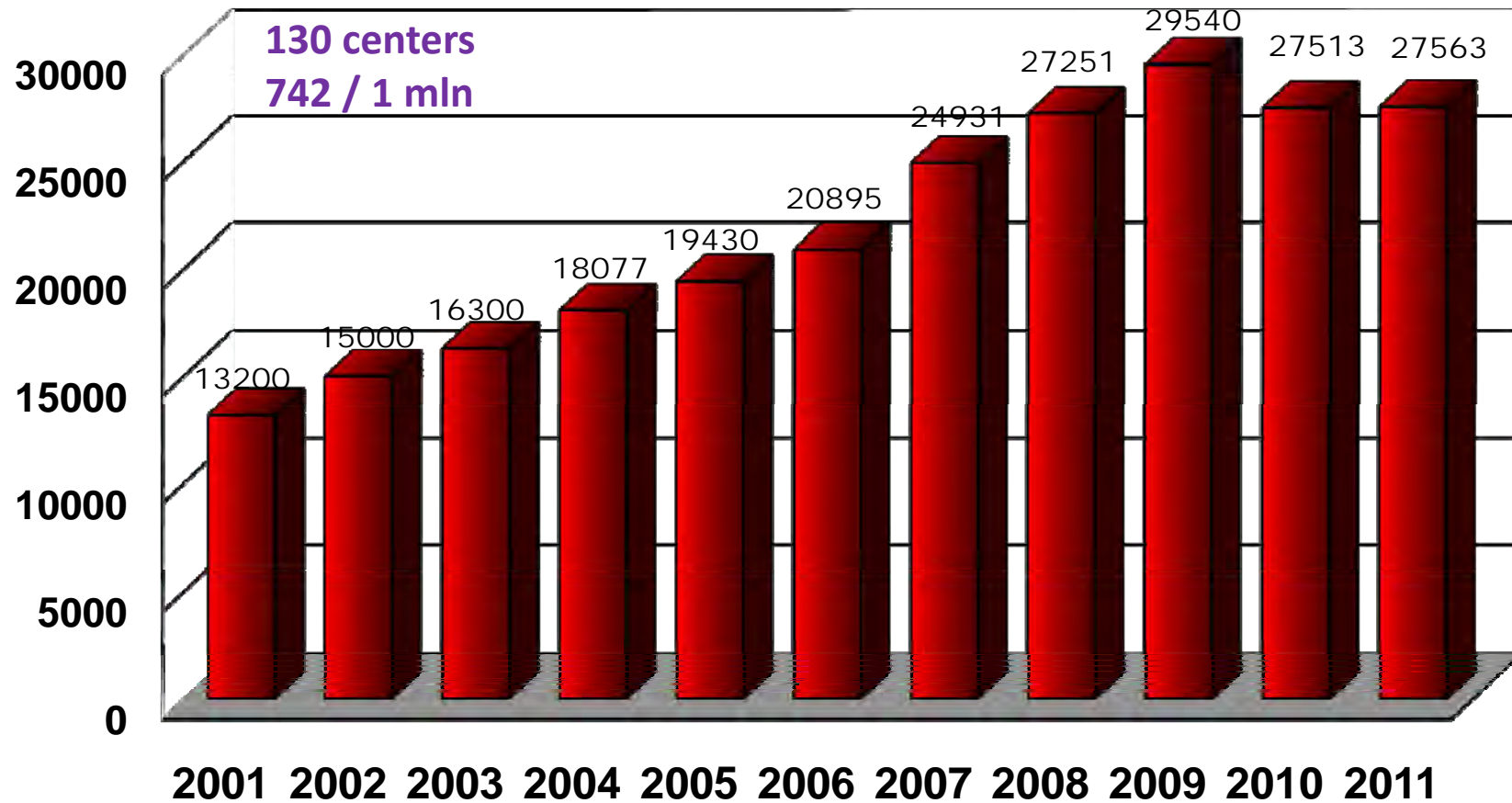
# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## CONVINCE AUTHORITIES

- **THE MOST DIFFICULT TASK:**
  - **BASED ON POLITICAL ISSUES**
  - **AVAILABILITY TO COVER COST (WITH STABLE BUDGET)**
  - **MULTIPLE BEGGARS**

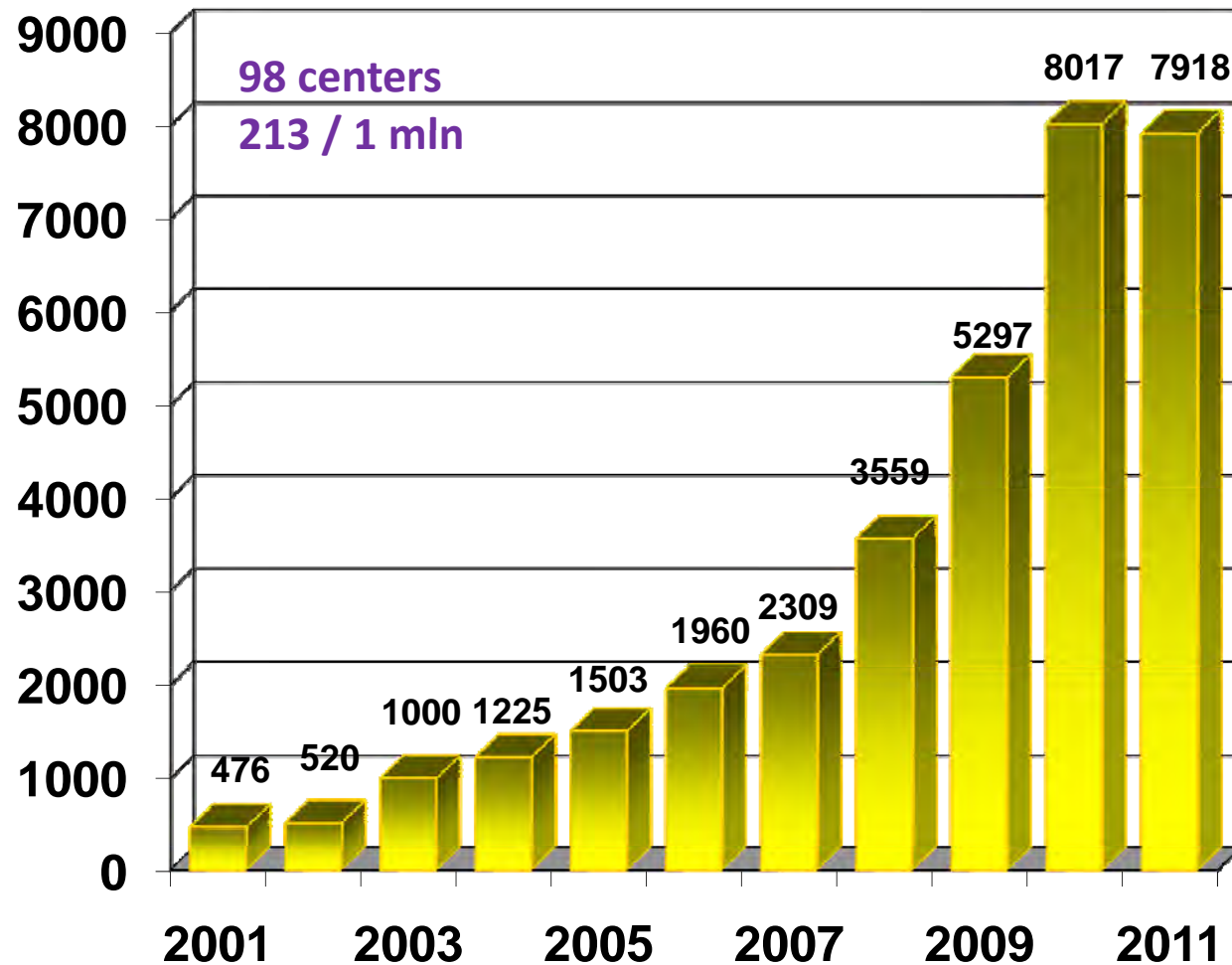
# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## WHAT HAVE BEEN DONE – NO OF PM IMPLANTED



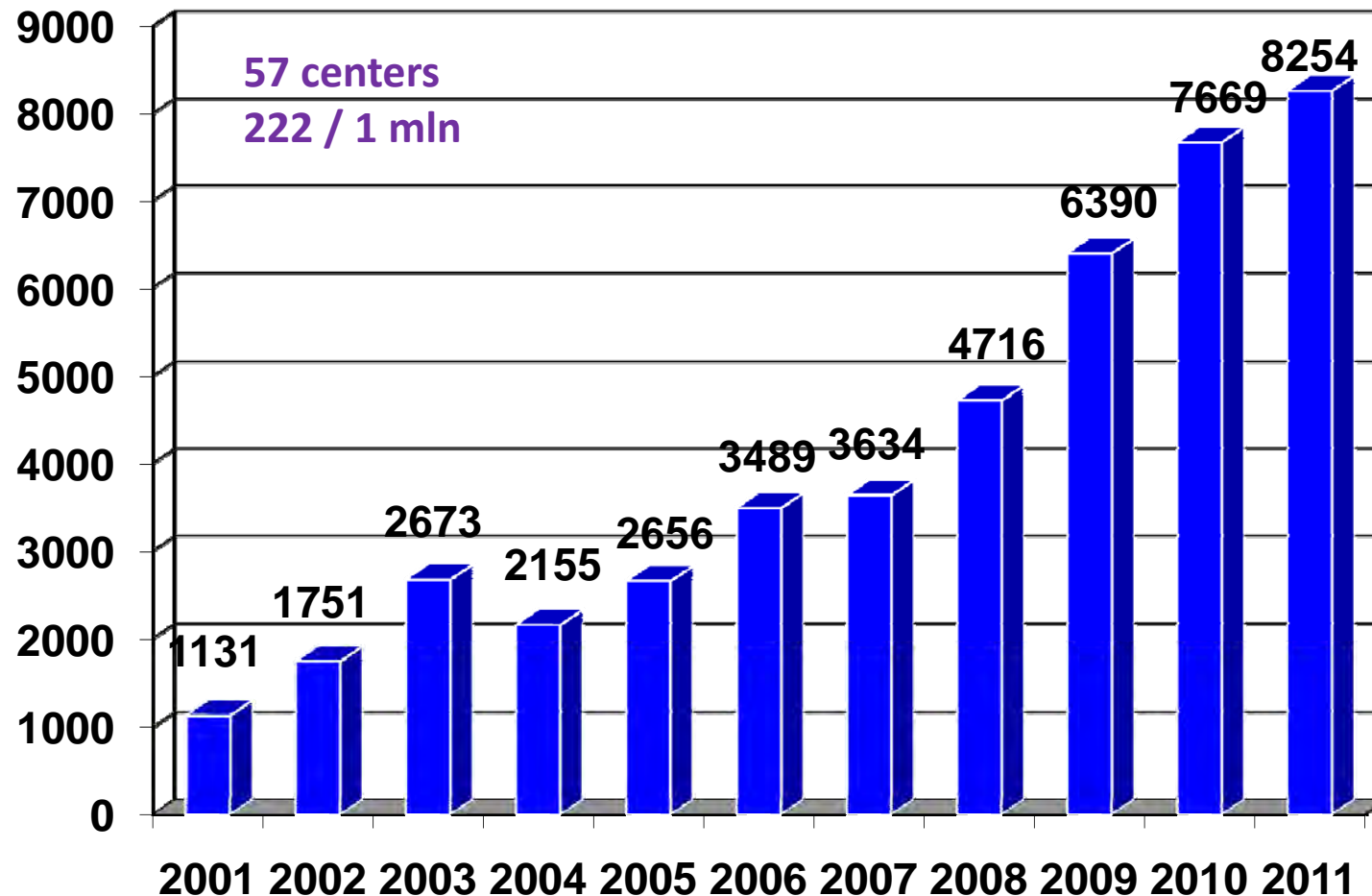
# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## WHAT HAVE BEEN DONE – NO OF ICD IMPLANTED



# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## WHAT HAVE BEEN DONE – NO OF ABLATIONS





# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## WHAT HAVE BEEN DONE – NEW TECHNOLOGIES:

- CRYOABLATION
- NEW REFUNDATION FOR FU VISITS

## WHAT HAVE NOT BEEN DONE:

- ILR
- REMOTE MONITORING
- SIGNIFICANT INCREASE IN ABLATION

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## HOW INCREASE IS POSSIBLE:

- INCREASE OF FUNDS SPEND ON EP
- NEW CENTERS
- INCREASED NO. OF SKILLED PHYSICIANS
- ATTRACTIVE REIMBURSEMENT

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## WHAT ARE THE FEARS:

- **STRONG PUSH FROM HOSPITAL ADMINISTRATORS TO REDUCE HOSPITAL COSTS (ie. COSTS OF DEVICES, CATHETERS, ...)**
- **LIMITS**

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## PROCEDURE: ICD IMPLANTATION

Parameter	ICD 1	ICD 2
High voltage therapy maximal energy	30 J	40 J
ATP during charging	(-)	(+)
Wavelet discriminator	(-)	(+)
Programmed HV Vector	(-)	(+)
Programmed Sensing Vector	(-)	(+)
Device longevity	Short	Long
Remote programming	(-)	(+)
Remote monitoring	(-)	(+)

# **ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS**

## **ENCOURAGING IDEAS ?**

- **MOVE SECONDARY PREVENTION ICD IMPLANTATION OFF LIMITS**

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## ENCOURAGING IDEAS ?

- **MOVE SECONDARY PREVENTION ICD IMPLANTATION OFF LIMITS**
- **YES, BUT:**
  - **IT WILL DECREASE BUDGET FOR OTHER CARDIAC PROCEDURES**
  - **NO. OF SP ICD IS DECREASING**

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## WHERE WE ARE?

- **NO. OF SKILLED PHYSICIANS – SATISFACTORY**
- **NO. OF PROCEDURES – ACCEPTABLE BUT NOT SATISFACTORY**

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

## WHAT DO WE NEED:

- **CLEAR EVIDENCE OF ADVANTAGES OF NEW TECHNOLOGIES OVER OLD ONE IN TERMS OF:**
  - **SAFETY**
  - **EFFICACY**
  - **COST EFFECTIVENESS**



## ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

WHAT DO WE NEED:

**THERE IS A STRONG NEED  
TO ESTABLISH OUTCOME  
MEASURES**

# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

WHERE TO GO?



# ADVOCACY ACTIVITIES OF WG ON HEART RHYTHM OF PCS

**„PUT THE PATIENT FIRST“**