

# **TRANSPLANT RESULTS IN CROATIA**

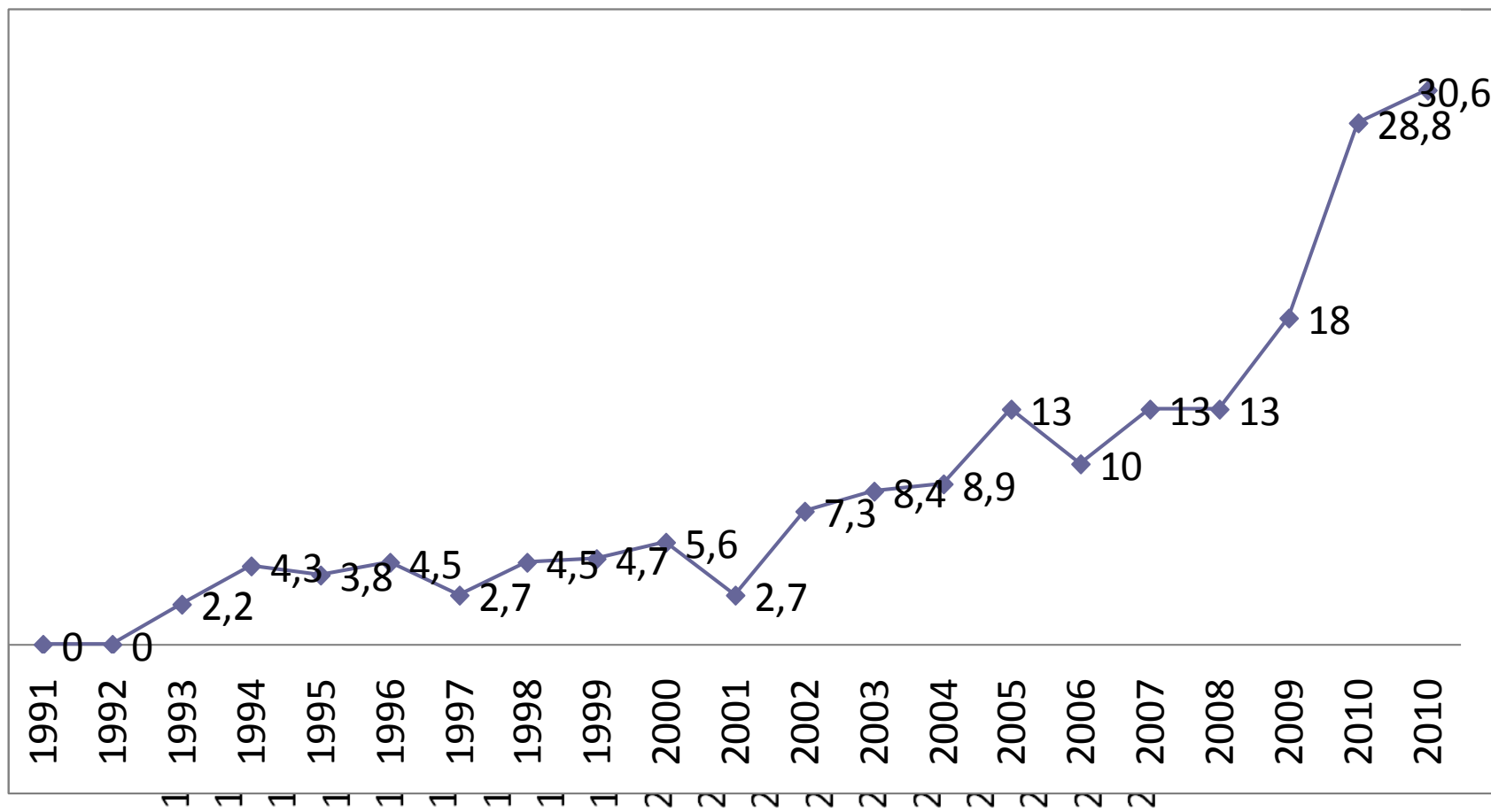
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Novi Sad, Škola tx bubrega, 30.09.-01.10.2011.**

# Povjest tx bubrega u RH

- 1971. 1.tx bubrega u RH
- 1983. Zakon
- 1998. “ Španjolski model”
- 2002. Koordinatori
- 2004. Plaćanje
- 2007. ET

# No of HBD in Croatia 1991 -2010



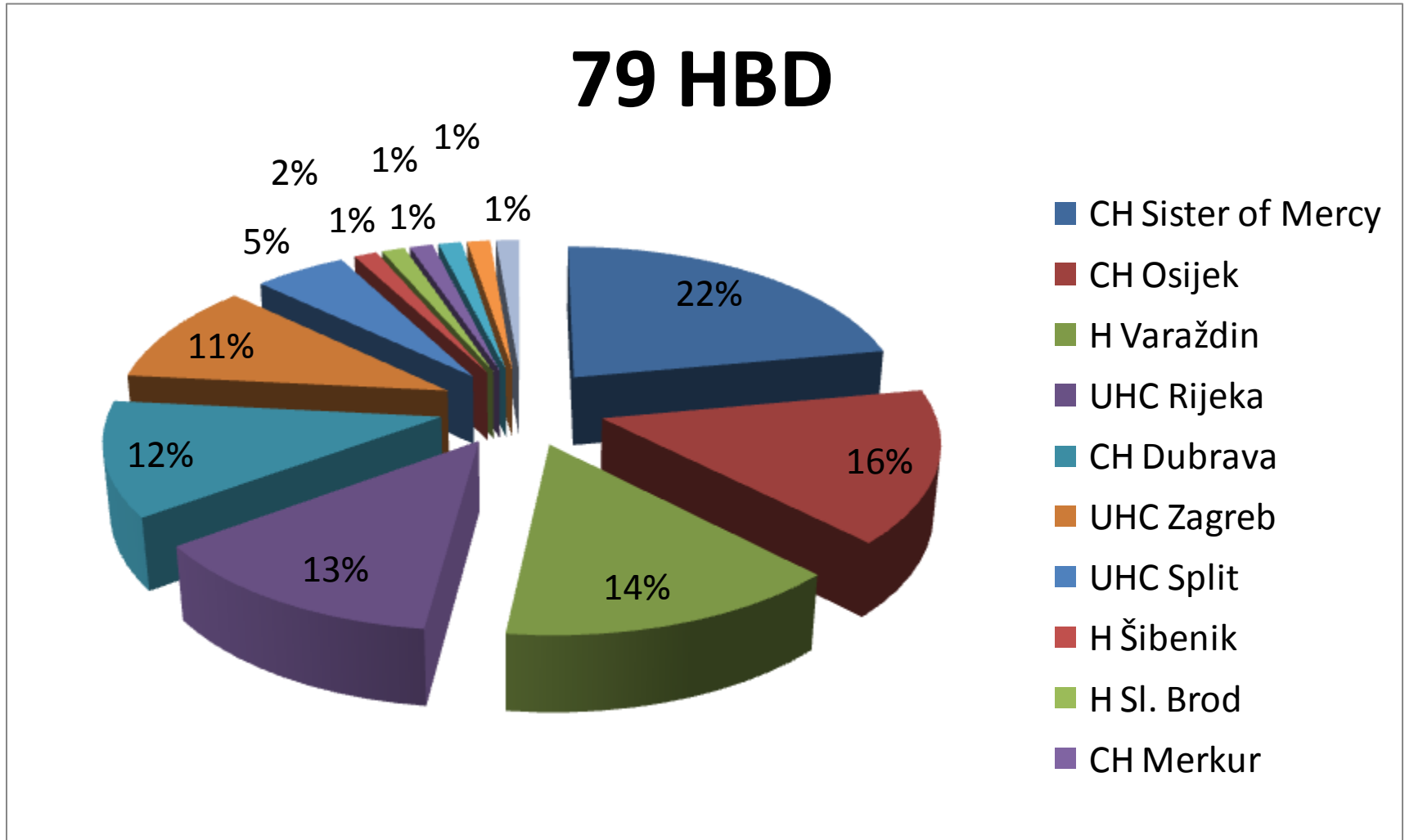
# Know How

- Nefrolozi- lista primatelja
- Tipizacija tkiva- HLA, PRA, CXM
- Anesteziolozi, Kirurzi
- Postoperativno praćenje
- Imunosupresija
- Nefrološki “ follow up”
- Obnavljanje liste

# Pomoć

- Udruge
- Javnost
- Mediji
- Crkva
- “ Transplantacijska svijest”

## No of HBD per Hospital 2008



# what we have?

- **LAW:**

**presumed consent**

**negative register**

( we always approach to family )

# what we do to increase the number?

**1. EDUCATION / all ICU staff knowledge put on highest level**

**2. COMUNICATION**

- in and out of Hospital
- raise awareness of organ donation
- “ gift of life “

**3. PAYMENT**



# Tx of solid organs 2009

	<u>HBD</u>	<u>LD</u>	<u>No</u>
Liver tx	59	2	61
Liver + Kidney tx	1	-	1
Kidney tx	142	14	156
Kidney + Pancreas tx	13	-	13
Heart tx	20	-	20
<b>TOTAL</b>	<b><u>235</u></b>	<b><u>16</u></b>	<b><u>251</u></b>

# **Our goal is.....**

- **continue with hard work and good results**
- **using our knowledge and experience to increase the number in field of donation and transplantation**
- **in service of all our patients**

# ET

- Zašto ?
- Alokacija – prednost !

# ETKAS

- ETKAS- urgency codes
- Point score system ( scoring factor)
- ABO blood rules
- Prospective preliminary cross match
- Acceptable mismatch ( AM program )
- ET Senior Program
- Non- heart beating donor kidneys

# ETKAS

- HU- Highly urgent
- T- Transplantable
- I – Immunized ( PRA 6- 85 % )
- HI – Highly immunized ( PRA > 85 )
- NT – Non transplantable

# HIGH URGENCY ( HU )= 500 points

- - imminent lack of access of either hemo or peritoneal dialysis
- - severe uremic polyneuropathy
- - high risk of suicide
- - kidney failure + simultaneous pancreas tx

# POINT SCORE SYSTEM

- Medical urgency
- % PRA
- HLA matching
- ABO
- Waiting time
- Donor region
- Combined transplantation
- Balance

## NUMBER OF HLA-A, B, DR MISMATCHES

0	400
1	333.3
2	266.67
3	200.00
4	133.33
5	66.67
6	0.00

PEDIATRIC CANDIDATES X2



## WAITING TIME

### Points per year

33.3

33.3

33.3

50

33.3

33.3

### Country

Austria

Belgium/Luxemburg

Croatia

Germany

The Netherlands

Slovenia

## PEDIATRIC BONUS

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<7 years	100
<11 years	33.3
11-16 years	66.66
16+ years	66.6

+ DOUBLED POINTS FOR HLA MM

**NATIONAL KIDNEY EXCHANGE BALANCE  
(CALCULATED ON DAILY BASIS)**

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NATIONAL BALANCE POINTS = (HIGHEST IMPORTANT  
BALANCE - RECIPIENT COUNTRY BALANCE) X 10

## ABO BLOOD GROUP RULES

AM PROGRAM	
A	A, AB
B	B, AB
AB	AB
0	A, B, AB, 0

ESP, 000 HLA MISMATCH	
A	A, AB
B	B, AB
AB	AB
0	B, 0

> HLA MISMATCH	
A	A, AB
B	B, AB
AB	AB
0	0

# Data:

- **Ministry of Health**
- **Eurotransplant data**
- **UHC Zagreb data**

**THANK YOU FOR YOUR ATTENTION**