“Kidneys for Life”
Organs from deceased donors

Prof. Dr. Yves Vanrenterghem
Honorary President Eurotransplant
International Foundation
Beginning of the 14th Century   Museum of Arts, North Carolina, USA
Another example of using a cadaver kidney as a “temporary bridge” until the native kidney could begin to function occurred in 1950 in Chicago. Richard Lawler took a kidney from a patient who had just died from liver disease and connected it to another patient’s renal vessels. The patient, Ruth Tucker, had a blood type similar to the donor, and the new kidney worked, emitting urine and continuing to function after fifty-three days. Although ten months later the transplanted kidney was no longer functioning, the patient continued to live for five more years.
Eurotransplant 1969 - 2005

0
2000
4000
6000
8000
10000
12000
14000

11814
3383
864


- living donor
- waiting list
- deceased donor.

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Kidneys procured & transplanted p.m.p.

Deceased kidney donors, Council of Europe and Eurotransplant data 2007

room for improvement?

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Factors impacting on donation rates

- Legislative environment
- Organizational measures
- Professional education
- Health-economic variables
- Cultural & religious barriers
Opting-out

Opting-in

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Impact of legislation

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Non-heart-beating-donors (NHBD)

* Data from Eurotransplant (www.eurotransplant.nl) and BVT/SBT

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European organ exchange organizations

Scandiatransplant
UK Transplant
AdB, France
Swiss Transplant
Lusotransplante
ONT, Spain

Eurotransplant
Balttransplant
Poltransplant
Czechtransplant
Hungarotransplant
CNT, Italy
HNTO, Greece

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CROATIA

- 4,29 million inhabitants
- 33 acute care hospitals
- 5 transplant centers
- 10 transplant programs

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Deceased kidney donors, Council of Europe and Eurotransplant data 2007

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Number of transplanted kidneys (both cadaveric and living donors, per million) in 2010

Source: Newsletter Transplant of the Council of Europe 2011
Number of Effective Donors/Donors per million in Croatia from 2000 to 2010

Donors  Donors/ pmp

<table>
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<th>Year</th>
<th>Donors</th>
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<tbody>
<tr>
<td>2000</td>
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<td>13.7</td>
<td></td>
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<td></td>
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<tr>
<td>2009</td>
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ACTIONS TAKEN TO INCREASE DONOR RATE IN CROATIA

2000-2010

- In-house coordinators nominated in each acute hospital
- National Transplant Coordinator appointed in the Ministry
- 24 hours Coordination Office established at the Ministry
- Training programs for coordinators have been launched
- New legislation adopted
- Donor Hospital reimbursement provided
- Public awareness campaign launched
- Croatian Donor Network (donor Card)
- International cooperation – ET membership
- Donor quality assurance program

MINISTRY OF HEALTH
History of Croatian deceased organ donation/transplant system

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Joining EUROTRANSPLANT positively influenced Croatia’s National transplant system resulting in:

- Improvement in organ allocation process
- Quality Improvements in tissue typing practice (2 labs achieved EFI accreditation)
- Quality improvement in transplantation practice-ongoing
- Decrease in loss of organs
- Public trust
- Satisfaction of patients
Joining forces (Sevilla, 1994)

The Partnership for Organ Donation (Boston, MA)

Organización Nacional de Trasplantes (Spain)

Eurotransplant International Foundation (The Netherlands)

Donor Action Program
• **Mission:**
  – To *increase organ and tissue donation rates* for the benefit of people needing transplants.
  – To provide *leadership* in hospital organ donation processes and protocols.
Donor Action - Status 2008 - Europe

Implemented on local, regional or national scale

- pilot country, program substituted by national initiatives
- implementation scheduled for 2009
- no activities in 2007-2008

... but also in:
- Israel
- Japan
- Australia
- Brazil

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DA in France - sustained effect
(7 hospitals - 2001-2004)

Implementation DA

References and retrievals

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'room for improvement?'

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Thank you