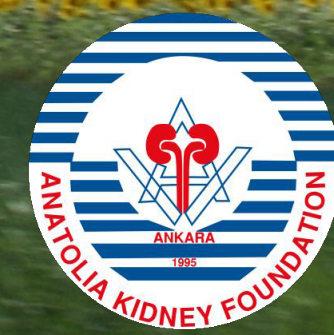


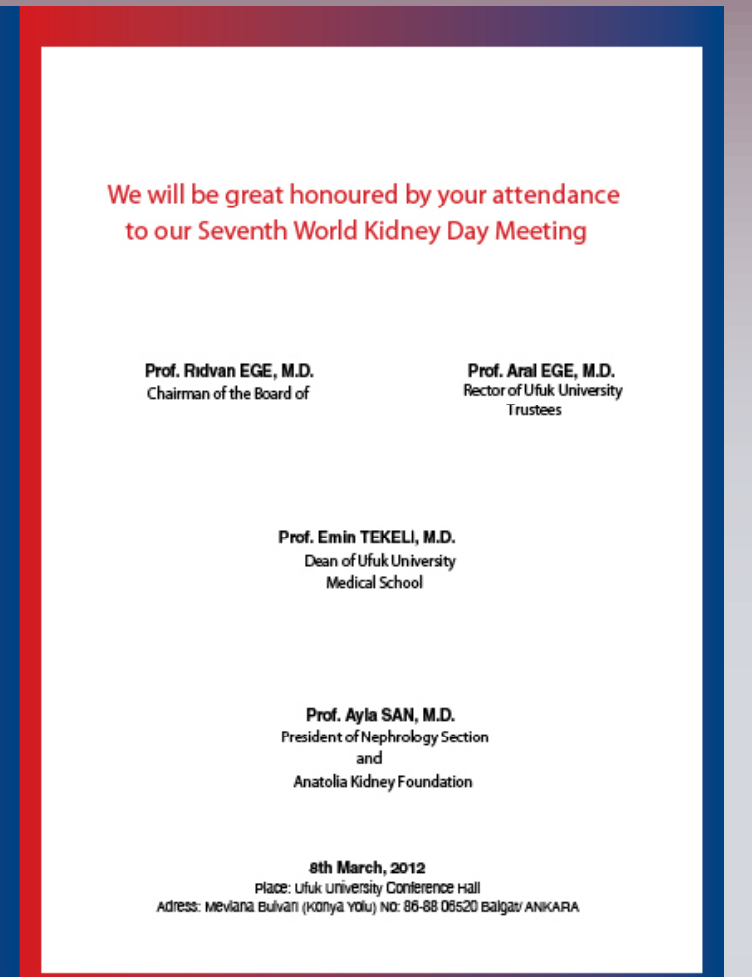
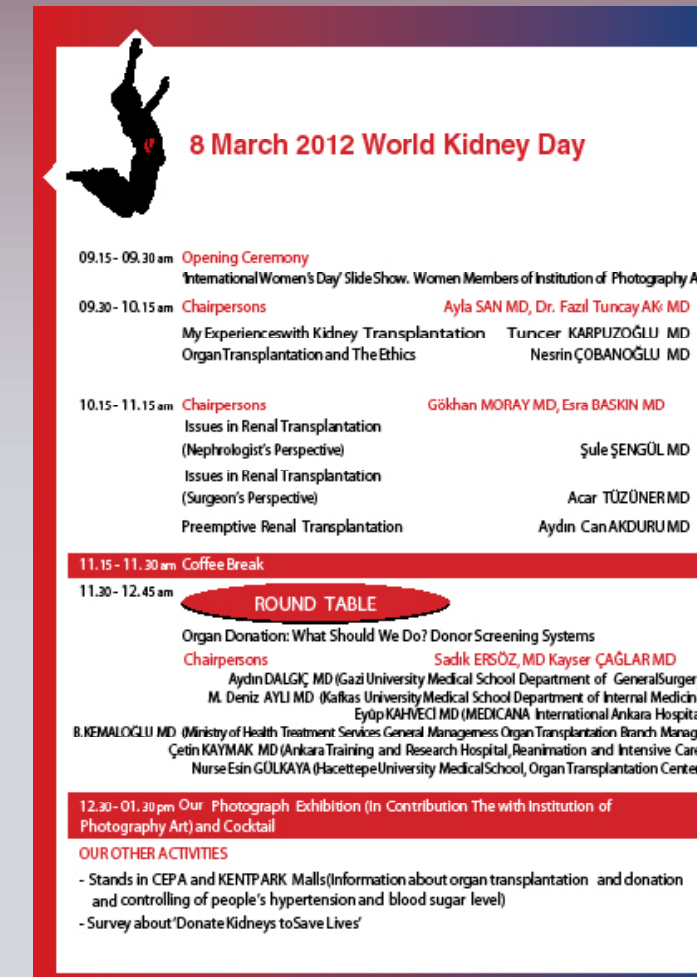
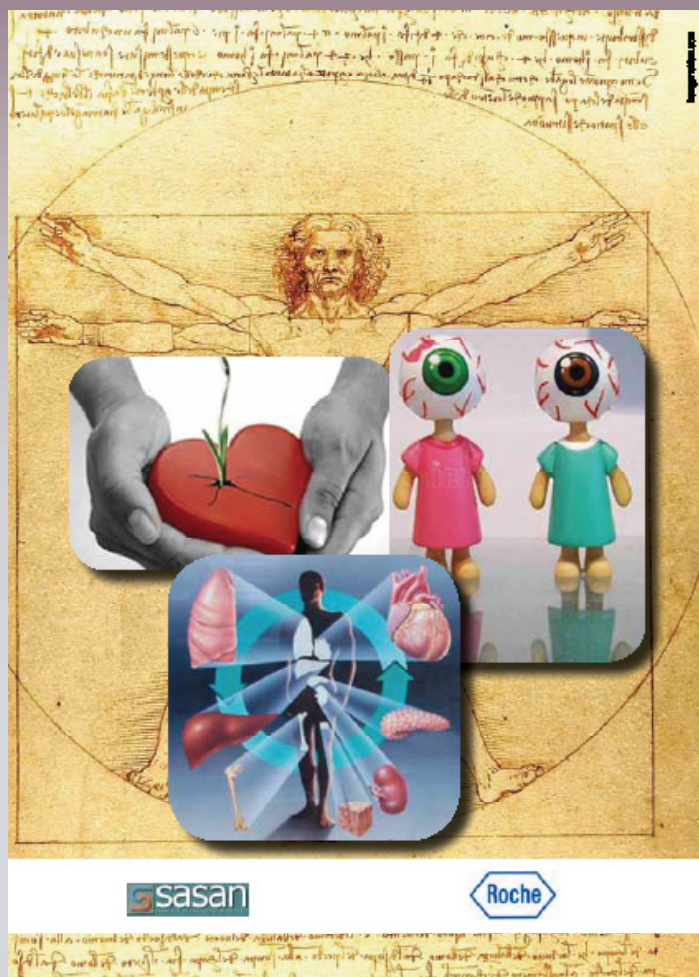
# SEVENTH WORLD KIDNEY DAY 2012

## DONATE KIDNEYS TO SAVE LIVES



## Our Scientific Activities

Ufuk University Conference Hall. 8th March, 2012



### MY EXPERIENCES ABOUT RENAL TRANSPLANTATION



PROF. TUNCER KARPUZOĞLU, M.D.  
AKDENİZ UNIVERSITY  
PROF. TUNCER KARPUZOĞLU, M.D. ORGAN  
TRANSPLANTATION INSTITUTE

### Organ Transplantation, Brain Death and Ethics



Prof. Nesrin Çobanoğlu M.D.  
Gazi University Medical School  
President of Medical Ethics and Medical History  
Department

### Nephrologist's Perspective

#### THE PROBLEMS IN KIDNEY TRANSPLANTATION



Prof. Şule Şengül M.D.  
Ankara University Medical School  
Nephrology Department

### Surgeon's Perspective

#### Issues of Kidney Transplantations

Assoc. Prof. Acar Tüzüner, M.D.  
Department of General Surgery  
Ankara University Medical School  
Transplantation Unit



#### Renal Transplantation Before the Start of Dialysis (Preemptive Renal Transplantation)

Spec. Aydin Akdur, M.D.  
Eskişehir University Hospital  
Department of General Surgery



### Kidney Transplantation – Living Donor

14th November 1987

Ankara University Medical School Hospital  
Dikimevi/ANKARA

Surgeon Tuncer Karpuzoğlu, MD, et al.

18 transplantations from living donors were performed.



### Introduction

The purpose of organ transplantation which started with the first applications of profession of Medicine and considered to have reached its highest points today. Here there is the responsibility of the physician to find the best possible way and the desire of doing kindness of the person who gave his/her organ to another person voluntarily for his/her advanced benefit. Also ethical problems being discussed in organ transplantation is concerned to achieve the best. The main aim is to achieve the best.

### PROBLEMS

- Insufficient number of transplantations and extending waiting lists.
- Patient Survival
  - Cardiovascular disease
  - Malignancies
  - Infections
- Problems with immunosuppression (Early and late period)
- Immune monitoring (non-invasive)
- Provision of immune tolerance
- Cost
- Legislation and practices

#### Graft Survival

- Deaths due to functional graft
- Cr. allograft dysfunction

### Open and Laparoscopic Donor Nephrectomy

#### Surgical Technique

- Way of Surgical Entrance
  - Transperitoneal
  - Retroperitoneal
- Surgical Technique
  - Pure LDN
  - Hand-Assisted LDN
  - Robot-Assisted LDN



### Preemptive Renal Transplantation-1

- The number of patients on the waiting list and increased mortality, has brought to agenda that patients must undergo transplantation without initiation of dialysis. **Preemptive renal transplantation is primarily selection of renal transplantation as a renal replacement treatment when end stage renal failure development has not been seen or currently developed.**

Total Kidney Transplantation: 2752 (1978-2011)  
Number of Adult Cases: 2457  
Number of Child Cases: 295  
Living Donors: 2172  
Cadaveric Donors: 580

Akdeniz University, Prof. Tuncer Karpuzoğlu M.D. Organ  
Transplantation Training, Research  
and Practice Center, 07058  
Campus/ANTALYA



Ethical orientation of society is the result of their efforts to adapt to each other.



### WHAT SHOULD/CAN WE DO?

- Ethical rules and regulations should be fostered at all times
- Transplantation practices should be developed globally, all the components should work together.
- Cadaveric donation and cadaveric transplantation should be increased.
- Use of living donor should be increased.
- Donation practices after cardiac death can be initiated.

### Conclusion

- The number of grafts is quite inadequate.
- Increase of organ pool is essential.
- Surgery technique seems to have completed its development.

**LAPAROSCOPIC DONOR NEPHRECTOMY HAS BECOME GOLD STANDARD.**

### CONCLUSION

- Patient and Allograft survivals of living donor or preemptive cadaveric kidney transplantation are better than the transplantation after initiation of dialysis (Provides protection from uremic complications)
- Preemptive renal transplantation considerably increases the quality of life with advanced degree in patients.