

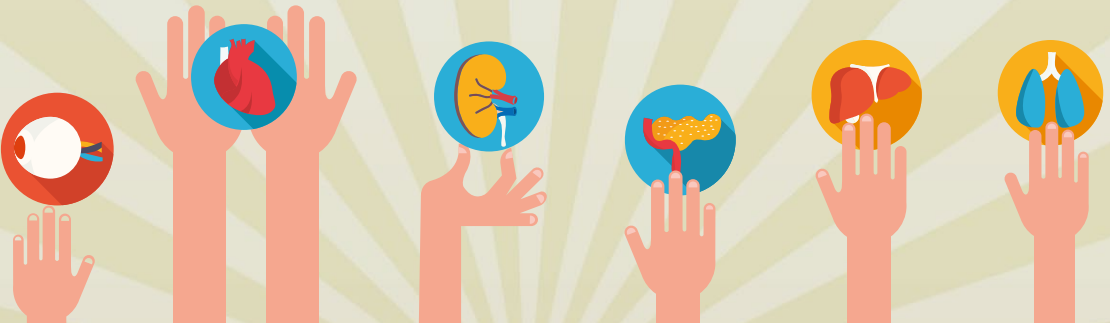
Honoring and Celebrating 50 Years of Organ Transplantation in Türkiye

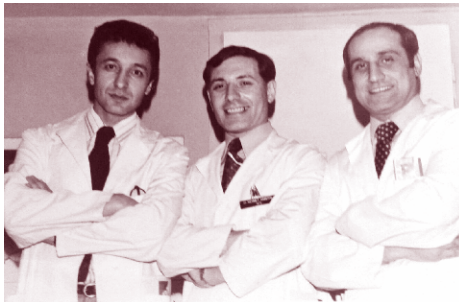


BAŞKENT UNIVERSITY

m. Haberal

donate life





Experimental Animal Studies During Residency Period



Hacettepe University Hospitals, 1970s



Hacettepe University Hospitals

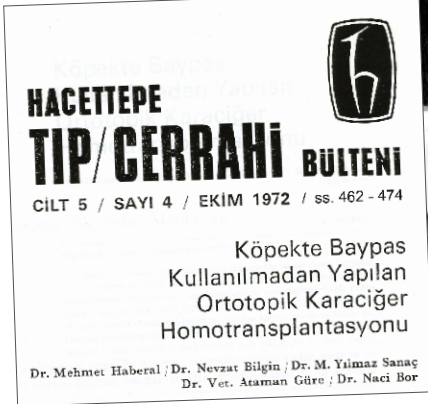


Dr. Mehmet Haberal

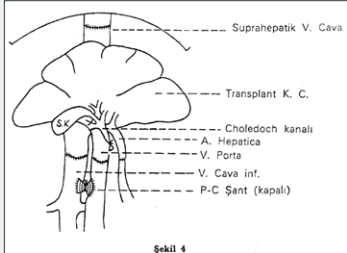
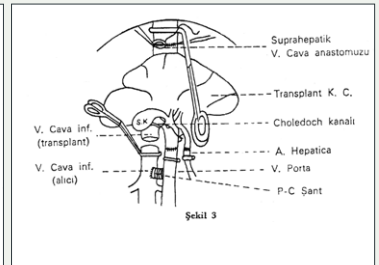
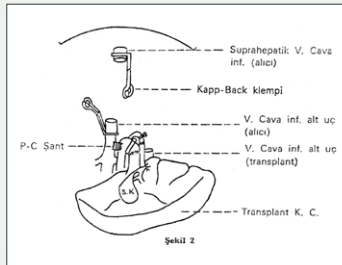
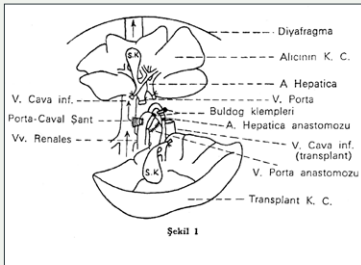
First trial on pigs (unsuccessful)



Final successful trial on dogs
(Post-operative 24 Hours)



Orthotopic Experimental Liver Transplantation on Dogs in 1970s (Hacettepe University Hospitals)



FIRST

Renal Transplantation in Türkiye from Mother to Son



Hacettepe University Hospitals

NOVEMBER 3, 1975

It is important to note that, at the time, there was **NO LEGISLATION** governing organ trans-plantation in Turkey.

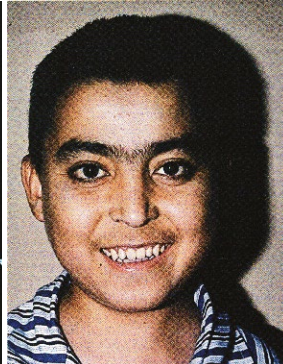


■ Senior Surgical Team - Left to Right:

Dr. Gülnaz Arslan, Dr. Nevzat Bilgin, Dr. Mehmet Haberal, Dr. Mualla Karamehmetoğlu, Dr. Nebil Büyükpamukçu



■ Mürvet Çalışkan (Mother)
Donor



Bahtiyar Çalışkan (Son)
Recipient

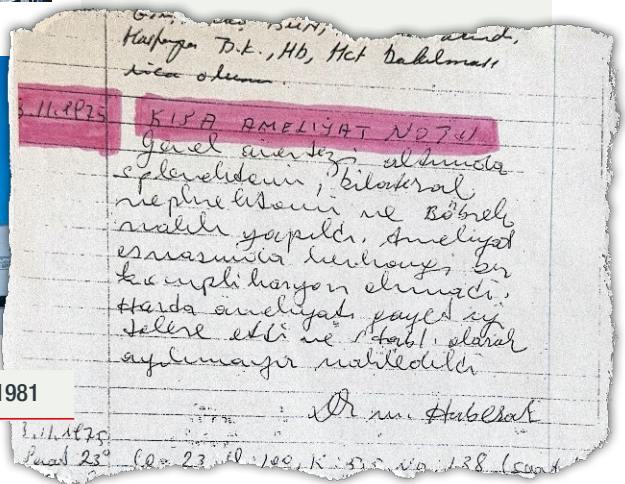
BRIEF SURGERY NOTE

Splenectomy, bilateral nephrectomy and kidney transplantation are performed under general anaesthesia. There were no complications observed during surgery. Patient very well tolerated the procedure and referred to awake.

Dr. Mehmet Haberal



● *Kidney International*. 1981;19(1):103 -105, January 1, 1981



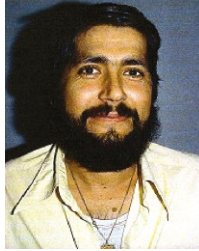
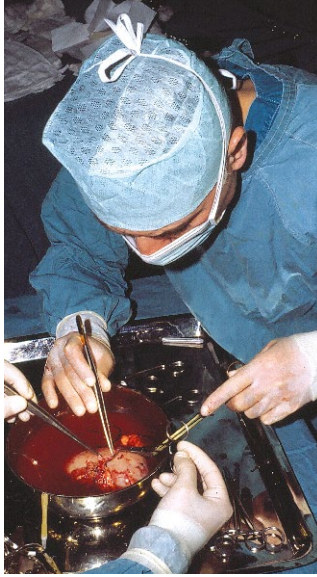
FIRST

Deceased-Donor Kidney Transplantation in Türkiye with an Organ Supplied by Eurotransplant



Hacettepe University Hospitals

OCTOBER 10, 1978



**10 Ekim 1978
EUROTRANSPLANT'TAN
GETİRİLEREK GERÇEKLEŞTİRİLEN
İLK KADAVRA BÖBREK NAKLİ**



■ Dr. Bernard Cohen, Dr. Mehmet Haberal
and Mr. Guido Persijn, Eurotransplant Administrators



SUCCESSFUL

Deceased-Donor Kidney Transplantations with **PROLONGED COLD ISCHEMIA TIME FOR MORE THAN 100 HOURS**



1978 - 1983

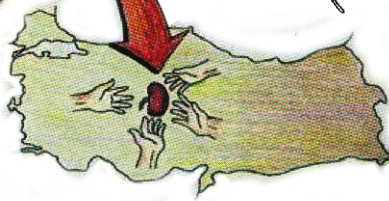


■ Post-Transplant 21
Months CIT: **110-44 Hours**

■ Post-Transplant 49 Months
CIT: **91-11 Hours**

■ Post-Transplant 51 Months
CIT: **66 Hours**

■ Post-Transplant 27 Months
CIT: **67-40 Hours**



South - Eastern
Organ Procurement
Foundation
"SEOPF"

Richmond
VIRGINIA

Eurotransplant
Foundation

Leiden,
Netherlands

Hacettepe University Hospitals
Transplantation Center and
Turkish Transplantation and
Burn Foundation
Ankara - Turkey

● Clin Transpl. 1986;126-127

Turkish Transplantation

LAW # 2238 JUNE 3, 1979

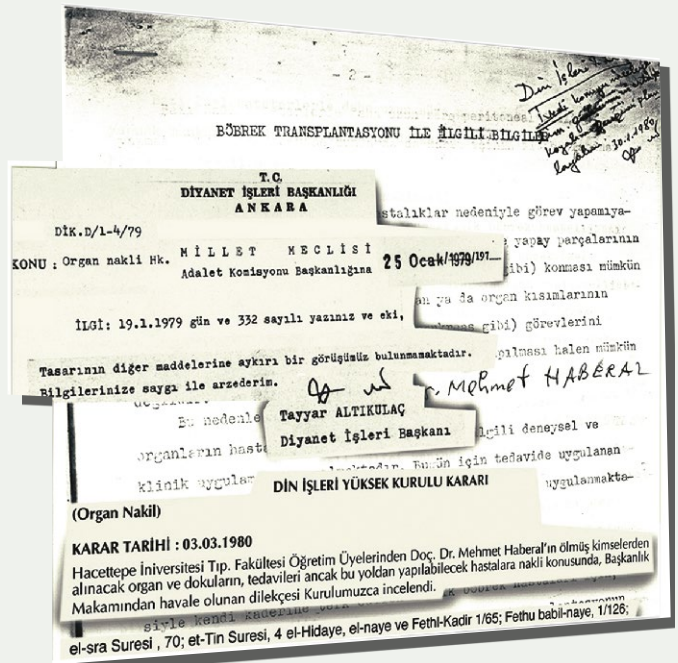
ON THE HARVESTING, STORAGE, GRAFTING AND TRANSPLANTATION OF ORGANS AND TISSUES (JUNE 3, 1979)

- ARTICLE 3** The buying and selling of organs and tissues for a monetary sum or other gain is forbidden.
- ARTICLE 4** Except for the distribution of information having scientific, statistical, and new characteristics, all advertisement in connection with the harvesting and donation of organs and tissues is forbidden.
- ARTICLE 5** Harvesting organs and tissues from persons under the age of 18 or who are not of sound mind is forbidden.
- ARTICLE 6** In order to be able to harvest organs and tissues from any person over the age of 18 who is of sound mind, a protocol, which beforehand the donor has approved of in writing and subscribed to verbally before at least two witnesses, should be approved by a physician.
- ARTICLE 11** In connection with enforcement of this law, the case of brain death is established unanimously by a committee of 4 physicians consisting of 1 cardiologist, 1 neurologist, 1 neurosurgeon, and 1 anesthesiologist by applying the rules, methods and practices which the level of science has reached in the country.
- ARTICLE 12** The physician who will perform the transplant surgery cannot be among the group which pronounced the donor as dead (Article 11),
- ARTICLE 15** Those harvesting, storing, grafting and transplanting organs and tissues in a manner not conforming to this law, and those intermediating in such actions as the buying and selling of organs and tissues and those brokering same, in the case that it does not require any heavier punishment, shall be sentenced to punishment of two (2) to four (4) years, and of 50,000 to 100,000 Turkish Lira.

LAW # 2594 JANUARY 21, 1982 ADDENDUM

ON THE HARVESTING, STORAGE, GRAFTING AND TRANSPLANTATION OF ORGANS AND TISSUES LAW NO. 2594 ADDENDUM (JANUARY 21, 1982)

ARTICLE 4 In the event of any accident or natural death, provided that the cause of death is not in any way related to the reason for organ harvesting and according to the conditions stated in Article 11, the suitable organs and tissues can be transplanted into persons whose lives depend upon this procedure without permission from the next of kin.



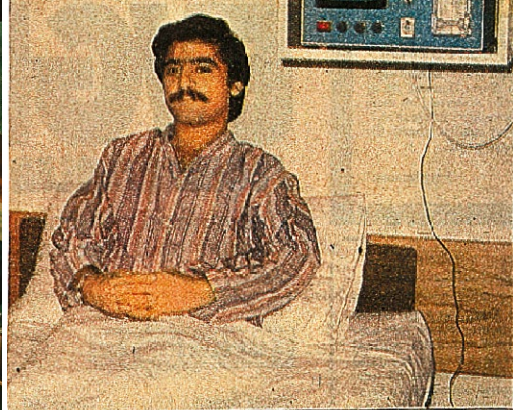
FIRST LOCAL

Deceased-Donor Kidney Transplantation in Türkiye with an Organ Supplied by Eurotransplant

Hacettepe University Hospitals



JULY 27, 1979



Türkiye'de ilk kez bir Türk'ten alınan sağlam böbrek, bir hasta gencin hayatını kurtardı. Şimdiye kadar birkaç kez Almanya'dan böbrek getirilip, böbrek hastası Türklerle takılmıştı. Yasa çıkıncaya kadar, ölüden canlıya organ nakli yasaktı.

Oğlunun böbreği ile bir gence hayat verdi

●Trafik kazasında ölen oğlunun böbreğinin hasta bir gence takılmasına izin veren baba mutlu



*First local
deceased-donor
kidney
transplantation
at the Hacettepe
University Hospitals
on July 27, 1979
right after the
Law No. 2238 was
passed on
June 3, 1979.*

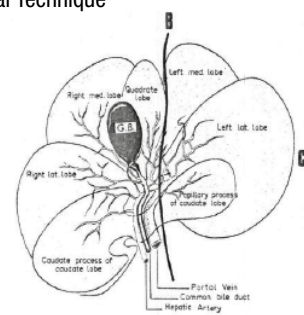
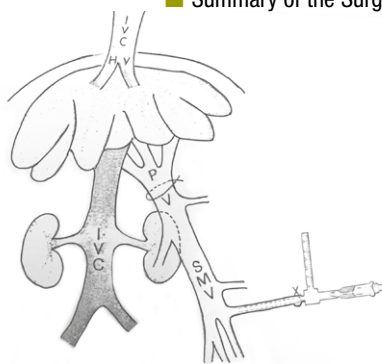
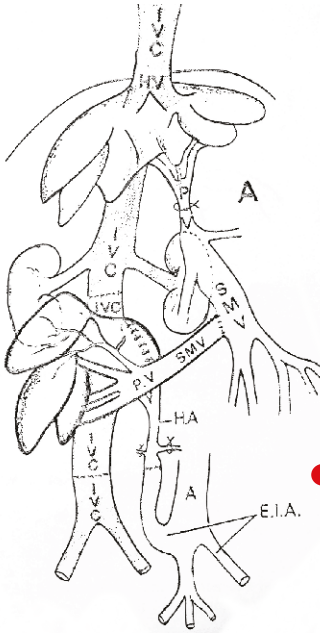
● Transplant Proc. 1984;16(5):1330-1332

Transplant Proc. 1987 Oct;19(5):4184-4188

Transplant Proc. 1995; 27(5):2768-2769

In the 1980s, successful **PARTIAL AUXILIARY HETEROTOPIC LIVER TRANSPLANTATIONS** had been performed on dogs. Finally, it was **CLINICALLY PERFORMED WITH USING ORGANS EITHER FROM LIVING RELATED OR DECEASED DONORS.**

■ Summary of the Surgical Technique



- *Hacettepe Tıp/Cerrahi Bülteni.* 1980;13(1):1-11 →
- Transplant Proc.* 1999;31:2899-2901
- Transplant Proc.* 1999;31:2902-2903
- Transplant Proc.* 2000;32:535-536
- Journal of Pediatric Surgery.* 2001;36(4):667-671
- Transplant Proc.* 2001;33:2832-2833
- Transplant Proc.* 2002;34:2468-2471
- Transplant Proc.* 2003;35:2791-2795
- Pediatr Transplantation.* 2008;12:816-820



■ Post-operative 30 Hours

Heterotopic Deceased-Donor Partial Liver Transplantations (a, b) and Heterotopic Living-Related Liver Transplantation (c) Başkent University Ankara Hospitals



■ Nihal Güngör (1998)
Still alive
17 years old



Sırma Erceyiş (2007)
Still alive
27 years old



■ Çağın Sığın - Still alive (1981) 40 years old
Heterotopic Liver Transplantation from mother (1999).
Deceased Donor Retransplantation due to rejection (2002)

FIRST SUCCESSFUL

Deceased-Donor Liver Transplantation in Türkiye, the Middle East, and Northern Africa

Turkish Transplantation &
Burn Treatment Foundation Hospital



• **DECEMBER 8, 1988**



■ Senior Surgical Team: Dr. Mehmet Haberal, Dr. Yılmaz Sanaç, Dr. Nevzat Bilgin,
Dr. Nebil Büyükpamukçu, Dr. Mualla Karamehmetoğlu, Dr. Gülnaz Arslan

TÜRKİYE ORGAN NAKLİ ve YANIK TEDAVİ VAKFI HASTANESİ AMELİYAT NOTU	Surgery notes
Soyadı, Adı : KOÇ FİYAT	
Yaşı : 31	
Dosya No. : 5787	
Bölümü : Genel Cerrahi	
Ameliyat Öncesi Tanı : Cirozis	
Ameliyat Sonrası Tanı : Aynı pat. nekrotik cirozis	
Yapılan Ameliyat : KONTAKLILAR TRANSPLANTASYONLU	
Ameliyat Tarihi : 9.12.1988	Başladığı Saat : 08.28
Ameliyatı Yapan : M. HABERAL	Ameliyatı Veren : Dr. ARSLAN
Asistan : N. BİLGIN, Z. ENER, H. GÜLNAZ	Anestezi : M. KARAMEHMETOĞLU
Notu Yazan Dr. : H. GÜLNAZ	Yanıldığı Tarih : Genel
	9.12.1988



● Transplant Proc. 1991;23(5):2563-2565

Transplant Proc. 1992;24(5):1967-1969

Organ Harvesting and Sharing Programs in Different Cities of Türkiye, 1989



■ Dr. Mehmet Haberal and Dr. Mahmut Koç with Captains before departure to Antalya to perform deceased donor kidney transplantation to the former Minister of Communications, , Mr. Cengiz Tuncer.



In 1989, our team launched organ harvesting and sharing program for the first time in Turkey. In 1989, our team travelled to Antalya to harvest a kidney from a deceased donor at Akdeniz University. The harvested kidney was transplanted to Mr. Cengiz Tuncer, the former Minister of Communications.

FIRST

Pediatric Segmental Living-Related Liver Transplantation in Türkiye, the Region, and Europe

Turkish Transplantation &
Burn Treatment Foundation Hospital,



MARCH 15, 1990



■ Dr. Mehmet Habera and Dr. Nevzat Bilgin



■ Hüseyin Mert (Father), Çağdaş Anıl Mert (Child) - (Recipient),
1 year old Gül İsmet Mert (Mother) - (Donor)

After returning to Turkey and first initiating kidney transplantation in my country, I started to conduct experimental operations on dogs to perform liver transplantation. I started to contact biliary atresia patients to convince them for living liver transplantation.

Finally, we admitted our first pediatric patient (1-year-old) together with his mother (donor) to the Turkish Transplantation and Burn Treatment Foundation Hospital and we performed the first pediatric segmental living-related liver transplantation in Turkey, the Middle East and in Europe on March 15, 1990.

FIRST ADULT

Segmental Living-Related Liver Transplantation (LEFT LOBE) in the World

Turkish Transplantation &
Burn Treatment Foundation Hospital



APRIL 24, 1990



■ Hasan Işık (Father) - (Donor)



■ Erdemir Işık (Son) - (Recipient) 22 years old

*First adult segmental living-related
left lobe liver transplantation in
the world at the Turkish
Transplantation and Burn
Treatment Foundation hospital on
April 24, 1990.*



● *Gastroenterology. 1992;3(3):455-459*

Transplant Proc. 1993;24(3):2200-2202

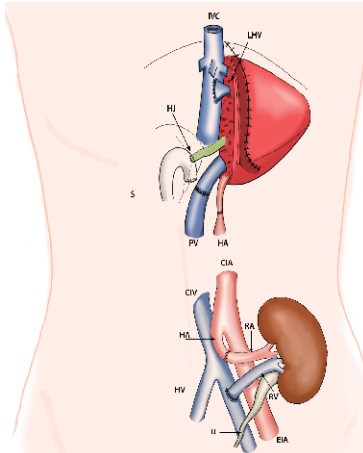
FIRST COMBINED

LIVER-KIDNEY Transplantation from a Living-Related Donor, First Operation in the World

Turkish Transplantation &
Burn Treatment Foundation Hospital



MAY 16, 1992



● *Transplant Proc. Vol 25, No 3 (June), 1993*



- Technique of combined liver-kidney transplantation.
IVC: Inferior vena cava; LHV: Left hepatic vein; HJ: Hepatic jejunostomy;
PV: Portal vein; HA: Hepatic artery;
U: Ureter; EIV: External iliac vein.



Middle East Society for Organ Transplantation (MESOT)

July 1987



The Turkish Transplantation Society (TOD)

October 1990



Turkic World Transplantation Society (TDTD)

December 2014

Connecting The Middle East & Central Asia



Sebahat Özdemir

1 Organ → 3 Generations



Deceased donor liver transplantation,
November 4, 1990



Gave birth to her son,
November 10, 1993



Grandchild was born, September 26, 2023



Hilal Korkut

A 7-Month-old's Miracle



2006 →



2025 →



Liver transplantation from father, 7 months old. Got accepted into Baskent University Faculty of Medicine, 19 yrs