

TURKISH HISTORY OF RENAL TRANSPLANTATION



- ✓ The first transplantation from alive donor started in Turkey in 1968 at Istanbul University Faculty of Medicine. The first case lived for 5 hours
- ✓ Second case lived for 27 days. The patient passed away due to GI hemorrhage and infection.
- ✓ The first Renal Transplantation Publication in Turkey: İstanbul University İstanbul Medical Faculty, 1st Internal Diseases and Surgery Clinic, Journal of Turkish Medical Society, 1968, page 648-659. Our first studies in the field of kidney transplantation (in relation to two cases). Necdet Koçak, et al.

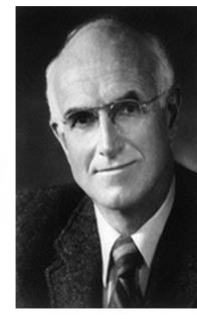
The first successful renal transplantation was performed by Prof. Dr. M. Haberal at Hacettepe University Medical Faculty (November 3, 1975).

- ✓ The Turkish Advance Specializing Hospital reported a case of renal transplantation from alive donor (1 September 1976).
- ✓ Ankara University, 15 November 1978: The first kidney transplantation from alive donor was performed by Prof. Tuncer Karpuzoğlu, M.D. The second organ transplantation center in our country was established at Ankara University Medical Faculty through the outstanding support of late Prof. Ahmet Yağcıoğlu, M.D. and the contributions of Prof. Ergun Ertuğ, M.D. and Prof. Bülent Erbay M.D.

The first Successful Renal Transplantation in Turkey: The first successful renal transplantation was performed by Prof. Dr. M. Haberal at Hacettepe University Medical Faculty (November 3, 1975).



Nobel Prize (1990)



Murray shared the Nobel Prize in physiology or Medicine in 1990 with E. Donnall Thomas for work on organ and cell transplantation.

FIRST ORGAN TRANSPLANTATIONS IN THE WORLD

Time	Kind Of Organ Transplantation	Name
23.09.1954	Kidney (The first Successful Transplantation)	Joseph Muray (1990, Nobel Award winner)
22.03.1961	Cadaveric Renal Transplantation	Joseph Muray
15.04.1963	Lung	James Harey
01.03.1963	Liver	Thomas Starzl (The university lecturer of Prof. Mehmet Haberal, M.D.)
17.09.1966	Pancreas	William Kelly and Richard Lillehei
05.04.1967	Intestine	Richard Lillehei
03.09.1967	Heart	Christian Barnard
1981	Heart-Lung	Norman Shumway

The first Cadaveric Renal Transplantation

- ✓ The first cadaveric renal transplantation from a Turkish cadaver was performed by Prof. Mehmet Haberal, M.D. on 27 July 1979 at Hacettepe University Medical School in Ankara.
- ✓ First Living Donor Transplantation (Outside Ankara) was performed on 14th April 1982 at Ankara University, Antalya Medical School, Kepez Hospital in Antalya by Associate Prof. Tuncer Karpuzoğlu M.D., et al.
- ✓ İstanbul University İstanbul Medical Faculty started, in routinely, to perform renal transplantation from alive donor in 1983 and from cadaver in 1987.
- ✓ Other transplantations such as liver, heart, heart-lung, pancreas and bone marrow started in the year of 1990.
- ✓ The first liver transplantation was performed from cadaveric donor in 1988, by Prof. Mehmet Haberal.
- ✓ The first successful heart transplantation was performed in 1989.
- ✓ The first partial liver transplantation from alive relative was performed in 1989.
- ✓ The first heart valve transplantation was performed in 1991.
- ✓ Cadaveric liver divided in two parts was transplanted to two people in 1998.
- ✓ The first pancreas transplantation was performed by Prof. Şükrü Aktan M.D. at Akdeniz University Medical School in Antalya.

Regulation in Organ Transplantations

- Regulations in organ transplantations were included in the Turkish legislation with Law no. 2238 on "Sampling, Preservation and Transplantation of Organs and Tissues" (29 May, 1979) and Law no. 2564 envisaged (made laws) certain regulations (21 January, 1982).
- Rules regulating the procurement and transplantation of organs and tissues were prepared by the Ministry of Health with the Regulation on "Organ and Tissue Transplantation Services" (1 June, 2000).
- The Directive on "National Organ and Tissue Transplantation Coordination System" took effect (30 January, 2001).
- There are 61 transplantation centers throughout the country, at 58 of which renal transplantation was performed in 2011.
- 39 transplantation centers are located in Ankara, İstanbul and İzmir.
- The first Organ Transplantation Coordinator is Nilgün Keçecioglu (Mediterranean University, 1992).



WORLD'S FIRST UTERUS TRANSPLANT PERFORMED IN TURKEY

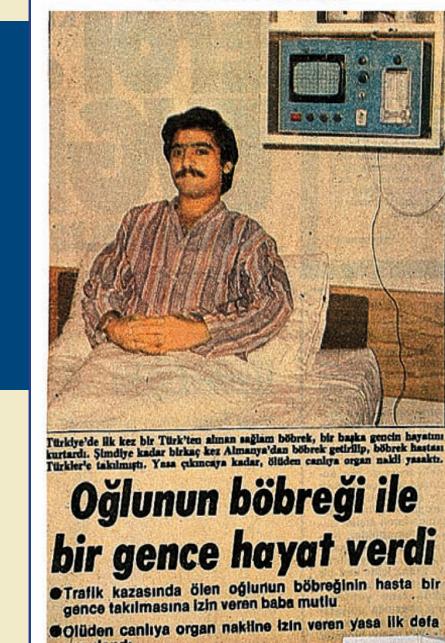
Composite Tissue Transplantations:

The first uterus transplantation from cadaveric donor was performed on 8th August, 2011. The first face transplantation from cadaveric donor was performed on 21st January, 2012

by Prof. Ömer Özkan M.D. et al. at Department of Plastic and Reconstructive Surgery, Akdeniz University Prof. Tuncer Karpuzoğlu M.D. Organ Organ Transplantation, Training, Researching and Practice Center in Antalya.

The first cadaveric renal transplantation from a Turkish cadaver was performed by Prof. Mehmet Haberal, M.D. on 27 July 1979 at Hacettepe University Medical School in Ankara.

27 Temmuz 1979
YASADAN SONRA GERÇEKLEŞEN
İLK YERLİ KADAVRA
BÖBREK NAKLI



Münici Kalayoglu MD performed the first liver transplant at the university of Wisconsin in uly 1984



RENAL TRANSPLANTATION DATA OF TURKISH MINISTRY OF HEALTH OF TURKEY

Number of Kidney Transplantations By The End of 2011 (1975-2011)

Number	Cities	Centers	Donor			Total Number	Number	Cities	Centers	Donor			Total Number
			Alive	Cadaver	Total Number					Alive	Cadaver	Total Number	
1	Adana	Çukurova Uni. Med. Fac. Hosp.	469	84	553	31		Private Istanbul Memorial Hosp.	489	63	552		
2		Başkent Uni. Adana Health, Practice and Research Hosp.	67	13	80	32		Private Memorial Hizmet Hosp.	61	1	62		
3		Ankara Uni. Med. Fac. Hosp.	622	136	758	33		Private Memorial Ataşehir Hosp.	13	2	15		
4		Hacettepe Uni. Med. Fac. Hosp.	376	193	569	34		Private Florence Nightingale Hosp.	187	53	240		
5		Başkent Uni. Med. Fac. Hosp.	1337	311	1648	35		Yeditepe Uni. Med. Fac. Hosp.	9	26	35		
6	Ankara	Gazi Uni. Med. Fac. Hosp.	167	80	247	36		Private Medicana Hosp. Bahçelievler	285	45	330		
7		Gülhane Military Medical Academy Hospital	330	74	404	37		Private Medicana International İstanbul Beylikdüzü Hosp.	279	20	299		
8		Ankara Etik Specialization Hosp.	261	84	345	38		Private Medicana Çamlıca Hosp.	38	6	44		
9		Turkey Advanced Specialization Training and Research Hosp.	310	51	361	39		Private German Hosp. Universal Hosp. Group	17	1	18		
10		Ankara Numune Training and Research Hosp.	25	15	40	40		Private Gaziosmanpaşa Hosp.	785	78	863		
11		Private Medicana International Ankara Hosp.	104	19	123	41		Private John F. Kennedy Hospital	150	8	158		
12		Private Ankara Güven Hosp.	9	1	10	42		Private International Hosp. İstanbul Hosp.	216	4	220		
13		Antalya	Akdeniz Uni. Med. Fac. Hosp.	2172	580	2752	43		Private Medicalpark Göztepe Hosp.	244	13	257	
14			Private Antalya Medicalpark Hosp.	1273	50	1323	44		Başkent Uni. İstanbul Health Practice and Research Center	12	3	15	
15		Bursa	Uludağ Uni. Med. Fac. Hosp.	269	172	441	45		Bakırköy Dr. Sadi Konuk Training and Research Hosp.	6	2	8	
16	Bursa Private Acıbadem Hosp.		1	0	1	46	İzmir	Dokuz Eylül Uni. Med. Fac. Hosp.	184	152	336		
17	Denizli	Pamukkale Uni. Med. Fac. Hosp.	73	27	100	47		Ege Uni. Med. Fac. Hosp.	888	470	1358		
18	Edirne	Trakya Uni. Organ Transplantation Research, Practice Center	14	2	16	48		İzmir Bozyaka Training and Research Hosp.	187	238	425		
19	Erzurum	Atatürk Uni. Med. Fac. Hosp.	65	39	104	49		İzmir Tepecik Training and Research Hosp.	377	239	616		
20	Eskişehir	Osmangazi Uni. Med. Fac. Hosp.	154	28	182	50		Private Kent Hastanesi	146	73	219		
21		Gaziantep	Gaziantep Uni. Organ Transplantation, Research and Practice Center	25	21	46	51		Private Şifa Med. Center	3	13	16	
22	İstanbul	Private Gaziantep Sani Konukoğlu Hosp.	19	27	46	52		İzmir Atatürk Training and Research Hosp.	3	23	26		
23		İstanbul Uni. Cerrahpaşa Med. Fac. Hosp.	465	114	579	53	K.Maraş	Sütçü İmam Uni. Med. Fac. Hosp.	11	22	33		
24	İstanbul Uni. İstanbul Med. Fac. Hosp.	672	343	1015	54	Kayseri		Erciyes Uni. Med. Fac. Hosp.	85	64	149		
25	Marmara Uni. Med. Fac. Hosp.	121	53	174	55		Kocaeli	Kocaeli Uni. Med. Fac. Hosp.	9	0	9		
26	Republic of Turkey Ministry of Health Marmara Uni. Pendik Training and Research Hosp.	2	1	3	56	Konya		Selçuk Uni. Med. Fac. Hosp.	37	45	82		
27	Haydarpaşa Numune Hosp.	448	128	576	57			Başkent Uni. Konya Research and Practice Center	1	2	3		
28	Dr. Lütfi Kırdar Kartal Training and Research Hosp.	149	41	190	58	Malatya	İnönü Uni. Med. Fac. Hosp.	21	19	40			
29	Göztepe Training and Research Hosp.	14	4	18	59		Mersin	Mersin Uni. Med. Fac. Hosp.	30	9	39		
30	Dr. Siyami Ersek Cardiovascular Surgery Training and Research Hosp.	49	0	49	60	Samsun		Ondokuz Mayıs Uni. Med. Fac. Hosp.	154	49	203		
					61		Trabzon	Karadeniz Technical Uni. Med. Fac. Hosp.	8	9	17		
								Total	14997	4443	19440		
							The Overall Total			18224			