

# IRODaT 2006. International activity on organ and tissue donation and transplantation

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IRODaT is a worldwide net of professionals involved in transplantation, in most cases members of national organisations, with the aim of yearly compiling and reporting the international activity on donation and transplantation.

The activity of tissue donation and transplantation has considerably increased in the last years and has become an important part of the transplant coordinator work. Furthermore, it has also raised the interest among the scientific community, promoting the creation of new directives, studies and tissue registries.

In our aim to offer the most accurate and relevant information about the donation and transplantation activity, the IRODaT 2007 call has included the request of values about the cadaveric and living tissue donors as well as the number of transplants performed according to the type of tissue: cornea, skin, heart valve, blood vessel and musculoskeletal tissues.

Therefore, in our third annual issue in *Organs, Tissues and Cells* we are pleased to offer you our first international overview of the 2006 organ and tissue donation and transplantation. Although just a few countries have reported, our wish is to increase the number for the next year issues. We remind you that the most updated information is displayed in our online database at [www.tpm.org](http://www.tpm.org).

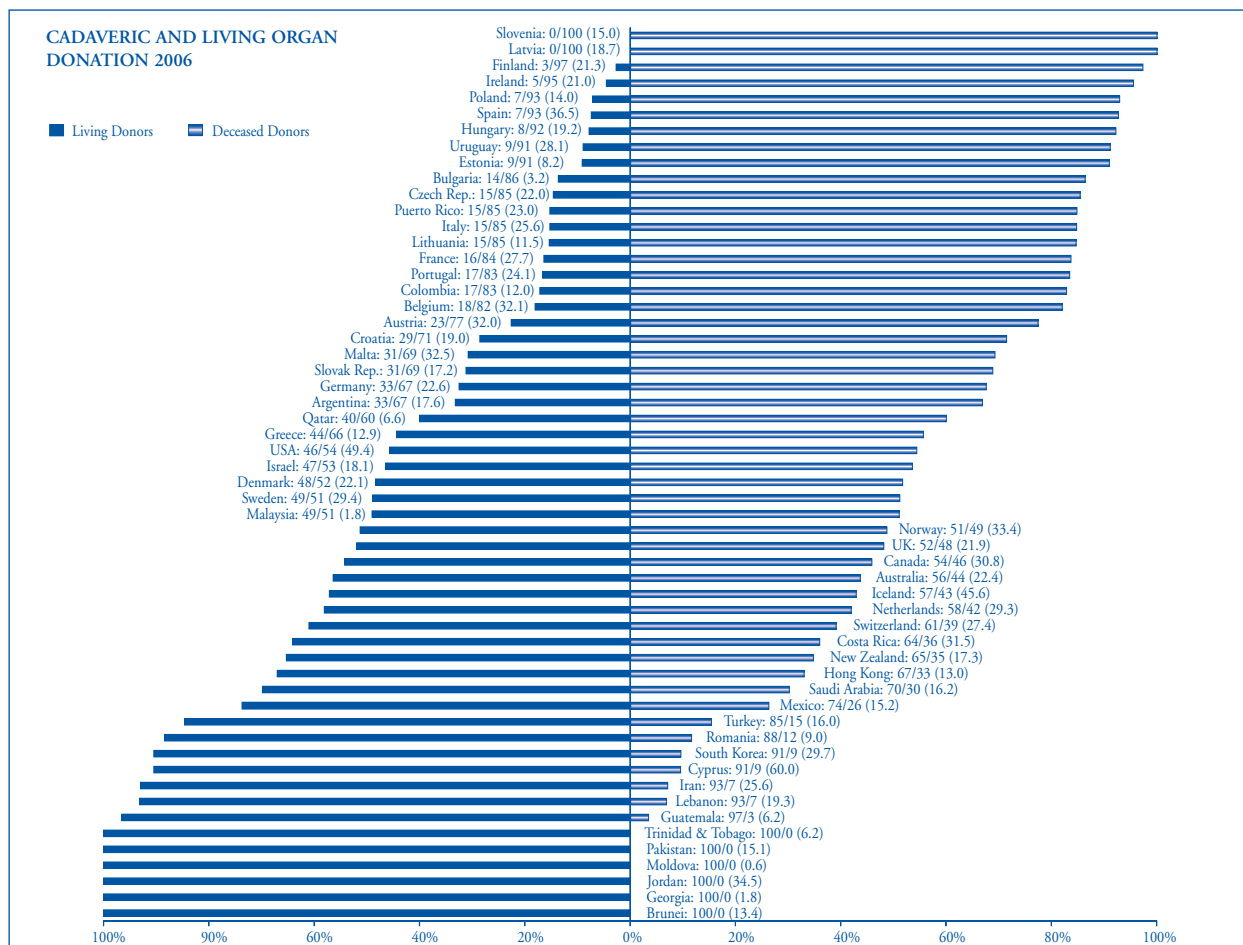
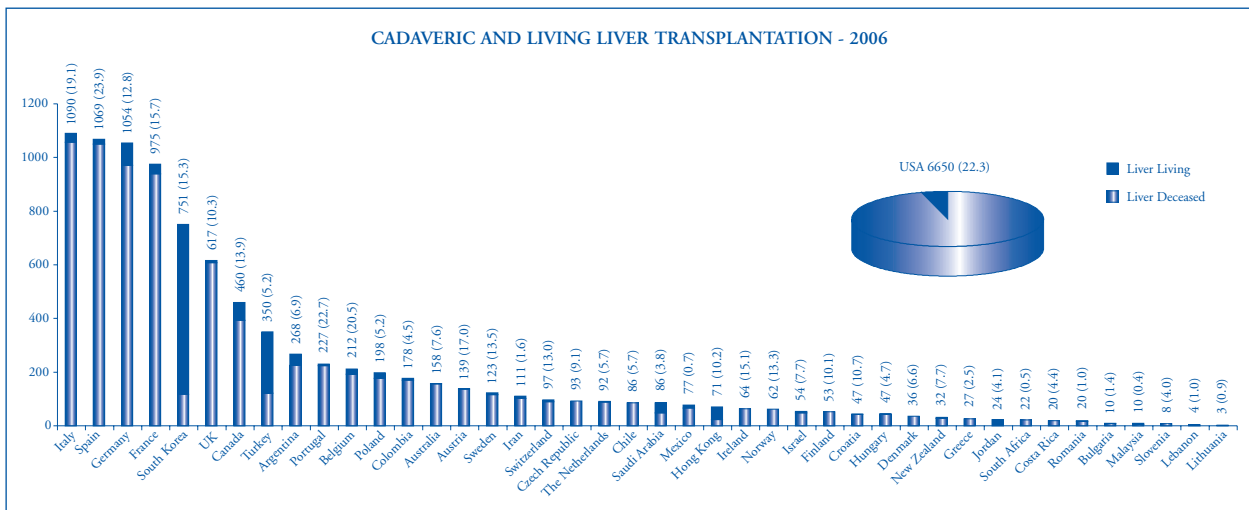
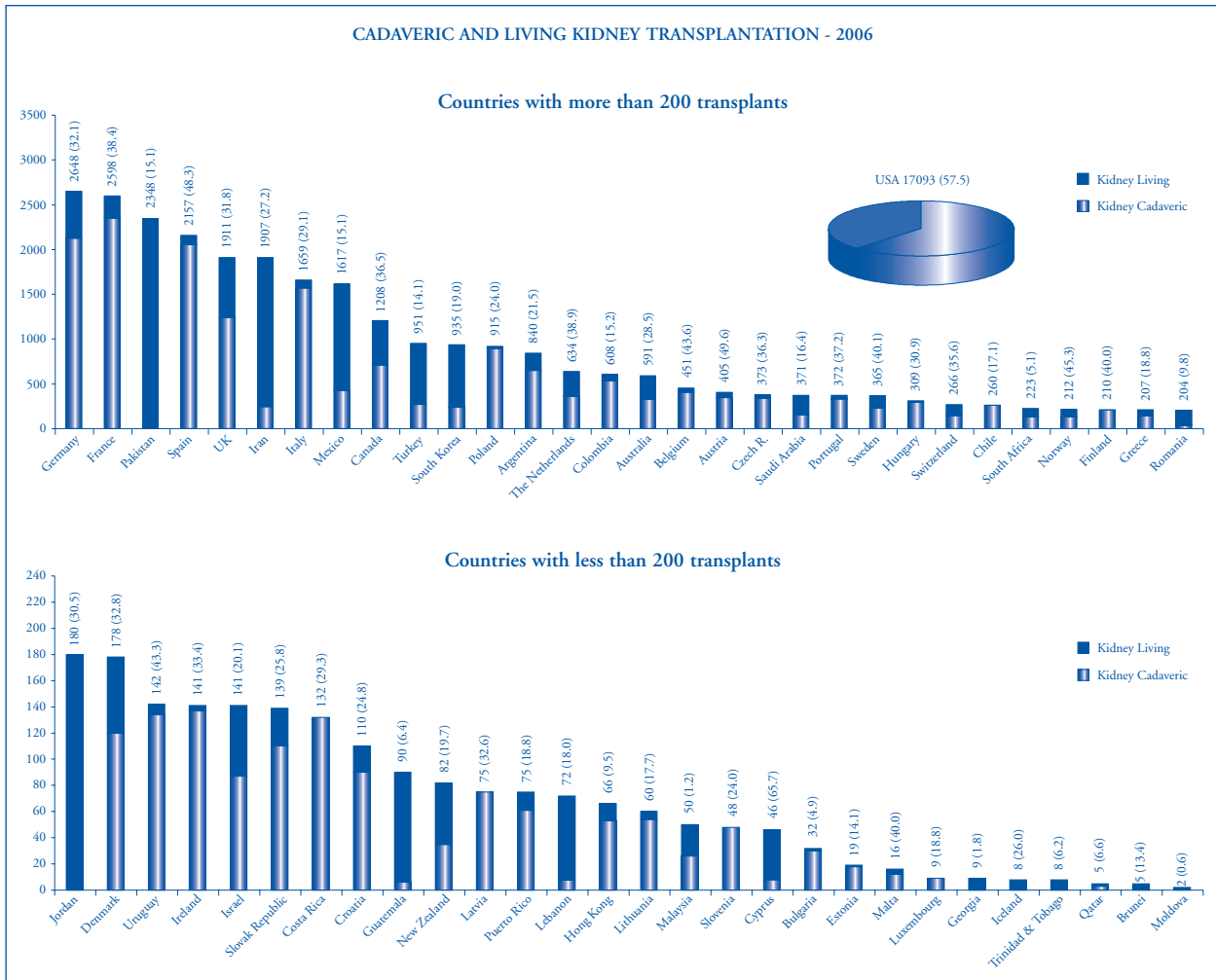


FIGURE 1 - International Cadaveric vs. Living Donation activity 2006.

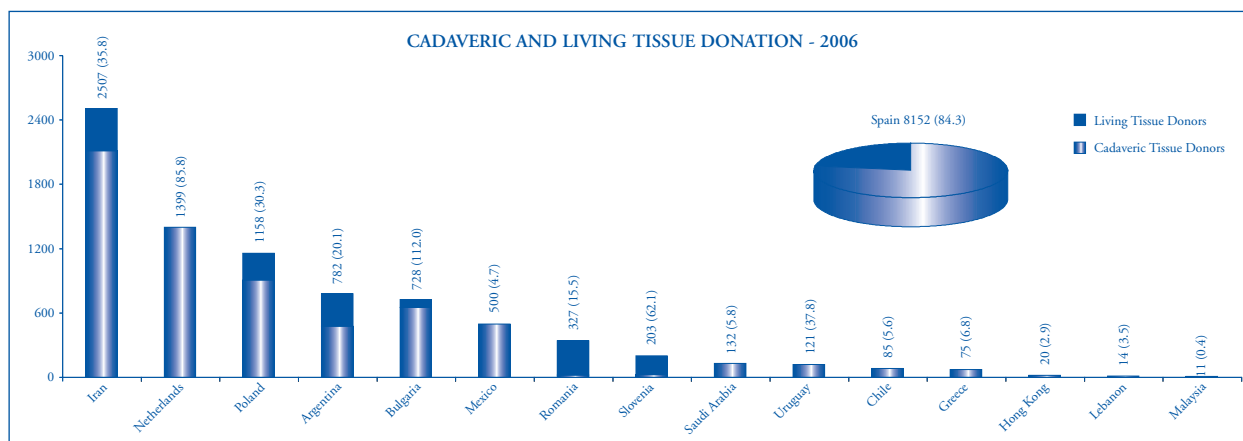
National organ donation activity divided according to the percentage rate of cadaveric and living donation. The end of each row shows the name of the country, the percentage rate of living donors, the percentage rate of cadaveric donors and, in brackets, the corresponding total p.m.p. [Country: LD%/CD% (total p.m.p.)].

### CADAVERIC AND LIVING ORGAN TRANSPLANTS 2006

In the following figures countries are ranked by the absolute values of transplants. In order to display it the clearest way, kidney transplantation activity has been divided in two graphs, according to the number of transplants (please note that the scale of both graphs is different according to the values). Considering that the data from USA are over six times higher than the next country, it is represented by a single figure separately. The top of each column shows the total number of transplants of the country represented. In brackets there is the corresponding total p.m.p. rate.



TISSUE DONATION AND TRANSPLANTATION ACTIVITY 2006



	Argentina		Bulgaria		Chile		Estonia		Greece		Hong Kong	
	Total	pmp	Total	pmp	Total	pmp	Total	pmp	Total	pmp	Total	pmp
Deceased Tissue Donors	479	12,3	653	100,5	85	5,6	nr	--	75	6,8	20	2,9
Living Tissue Donors	303	7,8	75	11,5	nr	--	nr	--	0	0,0	0	0,0
Cornea transplants	892	22,9	113	17,4	165	10,9	22	16,3	138	12,5	213	30,5
Skin transplants	59	1,5	nr	--	nr	--	0	0,0	0	0,0	31	4,4
Heart valves transplants	221	5,7	0	0,0	100	6,6	0	0,0	2	0,2	0	0,0
Blood vessels transplants	1	0,0	0	0,0	0	0,0	3	2,2	0	0,0	3	0,4
Musculoskeletal transplants	1254	32,2	401	61,7	7	0,5	160	118,5	0	0,0	12	1,7

	Iran		Lebanon		Malaysia		Malta		Mexico		Netherlands	
	Total	pmp	Total	pmp	Total	pmp	Total	pmp	Total	pmp	Total	pmp
Deceased Tissue Donors	2114	30,2	14	3,5	11	0,4	0	0,0	500	4,7	1399	85,8
Living Tissue Donors	393	5,6	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
Cornea transplants	4152	59,3	27	6,8	38	1,4	20	50,0	2245	21,0	821	50,4
Skin transplants	0	0,0	0	0,0	3	0,1	0	0,0	96	0,9	nr	--
Heart valves transplants	151	2,2	0	0,0	16	0,6	0	0,0	0	0,0	94	5,8
Blood vessels transplants	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	39	2,4
Musculoskeletal transplants	322	4,6	0	0,0	0	0,0	0	0,0	597	5,6	1133	69,5

	Pakistan*		Poland		Romania		Saudi Arabia		Slovenia		South Korea	
	Total	pmp	Total	pmp	Total	pmp	Total	pmp	Total	pmp	Total	pmp
Deceased Tissue Donors	0	0,0	910	23,8	7	0,3	132	5,8	27	13,5	nr	--
Living Tissue Donors	0	0,0	248	6,5	320	15,2	0	0,0	176	88,0	nr	--
Cornea transplants	242	1,6	624	16,3	5	0,2	44	1,9	54	27,0	395	8,0
Skin transplants	0	0,0	nr	--	35	1,7	0	0,0	4	2,0	nr	--
Heart valves transplants	0	0,0	175	4,6	0	0,0	52	2,3	0	0,0	nr	--
Blood vessels transplants	0	0,0	9	0,2	0	0,0	0	0,0	0	0,0	nr	--
Musculoskeletal transplants	0	0,0	nr	--	438	20,9	0	0,0	56	28,0	nr	--

	Spain		UK		Uruguay	
	Total	pmp	Total	pmp	Total	pmp
Deceased Tissue Donors	6320	141,4	nr	--	121	37,8
Living Tissue Donors	1832	41,0	nr	--	nr	--
Cornea transplants	2806	62,8	2481	41,2	119	37,2
Skin transplants	64	1,4	nr	--	nr	--
Heart valves transplants	134	2,9	nr	--	9	2,8
Blood vessels transplants	112	2,5	nr	--	59	18,4
Musculoskeletal transplants	5749	128,6	nr	--	nr	--

National tissue donation activity has been displayed in tables considering the absolute number and pmp rates of tissue donors and transplants.

Please read them considering that:

\* marks values from 2005 activity

nr indicates values *not reported* according to the IRODaT registry requirements.



National data provided by:

Country	Organization	Data Responsible
Argentina	I.N.C.U.C.A.I.	Armando Mario Perichón
Australia	Australia - New Zealand Organ Donation Registry – ANZOD	Lee Excell
Austria	OEBIG – Austrian Health Institute	Manfred Willinger
Belgium	Belgian Section Transplant Coordinators	Frank Van Gelder
Brunei	RIPAS Hospital	Shaukat Zinna
Bulgaria	Executive Agency of Transplantation	Dimitar Brankov
Canada	Canadian Organ Replacement Registry – CORR	Lilyanna Trpeski
Chile	Corporación del Trasplante	José Luis Rojas
Colombia	Instituto Nacional de Salud	María Paula Gómez
Costa Rica	Caja Costarricense de Seguro Social	Sergio Herra
Croatia	National Registry of Organ Donation and Transplantation	Mirela Busic
Cyprus	Paraskevaïdion Surgical and Transplant Center	George Kyriakides
Czech Republic	Transplantation Coordinating Centre	Martin Holcát
Denmark	Scandiarttransplant	Arnt Jakobsen
Estonia	Tartu University Clinics	Aleksander Löhmus
Finland	Scandiarttransplant	Arnt Jakobsen
France	Agence de la Biomédecine	Christelle Cantrelle
Georgia	Georgian Association of Transplantologists	Gia Tomadze
Germany	Eurotransplant	Eurotransplant
Greece	Hellenic National Transplant Organization	Marianthi Katsani
Guatemala	Ministerio de Salud Pública y Asistencia Social	Agualuz del Carmen Hernández
Hong Kong	Hong Kong Hospital Authority	Beatrice Cheng
Hungary	Hungarotransplant	Sándor Mihály
Iceland	Scandiarttransplant	Arnt Jakobsen
Iran	Management Center for Transplantation	Alireza Heidari Rouchi
Ireland	UK Transplant	Phil Pocock
Israel	Israel Transplant Center	Tamar Ashkenazi
Italy	Centro Nazionale Trapianti	Andrea Ricci
Jordan	Arab Medical Center	Daoud Hanania
Latvia	BaltTransplant – Latvian subdivision	Sergej Trushkov
Lebanon	National Organization for Organ and Tissue Donation and Transplantation	Antoine Stephan – Farida Younan
Lithuania	Lithuanian Bureau on Organ Transplantation	Julija Shirokova
Luxembourg	Eurotransplant	Eurotransplant
Malaysia	National Transplant Resource Centre	Lela Yasmin Mansor
Malta	St Luke's Hospital	Anthony Bugeja
Mexico	Centro Nacional de Trasplantes	José Luis Fuziwara
Moldova	Hemodialysis and Kidney Transplant Department	Igor Codreanu
New Zealand	Australia - New Zealand Organ Donation Registry - ANZOD	Lee Excel
Norway	Scandiarttransplant	Arnt Jakobsen
Pakistan	Sindh Institute of Urology and Transplantation	S. A. Anwar Naqvi
Poland	Poltransplant	Janusz Walaszewski
Portugal	Organização Portuguesa de Transplantação	Luisa Taveira
Puerto Rico	Trasplante + Lifelink	Santiago Delpín
Qatar	Organ Transplant Committee – Hamad Medical Corporation	Yousef Al Maslamani
Romania	National Transplant Agency	Rosana Turcu
Saudi Arabia	Saudi Center for Organ Transplantation	F.A.M. Shaheen
Slovak Republic	Transplantcentre Kosice	Luboslav Bena
Slovenia	Slovenijatransplant	Jasna Voncina
South Africa	Organ Donor Foundation	Samantha Volschenk
South Korea	Korean Network for Organ Sharing	Soon-Im Lee
Spain	Organización Nacional de Trasplantes	Marina Álvarez
Sweden	Scandiarttransplant	Arnt Jakobsen
Switzerland	Swisstransplant	Dagmar Vernet
The Netherlands	Dutch Transplant Foundation	Rik van Leiden
Trinidad and Tobago	Ministry of Health	National Organ Transplant Unit
Turkey	UKS	Levent Yucetin
United Kingdom	UK Transplant	Phil Pocock
Uruguay	Instituto Nacional de Donación y Trasplante de Células, Tejidos y Órganos - INDT	Inés Alvarez
USA	UNOS	Research Department

Specific requests can be addressed to the IRODaT database in order to obtain a tailor made data compilation for your research studies. Please contact us sending an e-mail at [asanz@il3.ub.edu](mailto:asanz@il3.ub.edu) specifying the data matching required. We invite you to contact us also if your country is missing at this table and you wish to provide us with the information requested.