

CTS Collaborative Transplant Study

KIDNEY TRANSPLANTS

1 May 2012

Part I

CENTER	No. of Grafts	CENTER	No. of Grafts
Aachen, D.....	601	Gdansk, PL.....	405
Aberdeen, GB.....	535	Geneva, CH.....	806
Adelaide, AUS (2).....	2189	Genoa, I (2).....	1461
Aguascalientes, MEX.....	880	Giessen, D.....	753
Amsterdam, NL (2).....	2152	Glasgow, GB (2).....	2821
Ancona, I.....	198	Goettingen, D.....	742
Ankara, TR (2).....	1566	Goteborg, S.....	3903
Auckland, NZ.....	1614	Grand Rapids, USA.....	1214
Augsburg, D.....	367	Graz, A.....	23
Baghdad, IRQ.....	1073	Groningen, NL.....	2120
Bangkok, TH.....	895	Guadalajara, MEX (2).....	248
Bari, I.....	947	Haifa, IL.....	176
Barquisimeto, YV.....	34	Halle, D.....	1770
Basel, CH.....	1644	Hamilton, CDN.....	1596
Belfast, GB.....	1658	Hamilton, NZ.....	232
Belo Horizonte, BR (2).....	1236	Hann-Muenden, D.....	2081
Bergamo, I.....	752	Hannover, D.....	3125
Berlin, D.....	1950	Heidelberg, AUS.....	620
Bern, CH.....	1068	Heidelberg, D.....	2501
Birmingham, GB.....	3041	Helsinki, FIN.....	4789
Bochum, D.....	1541	Homburg-Saar, D.....	582
Bogota, CO.....	739	Hong Kong, HK (8).....	1522
Bologna, I.....	1310	Innsbruck, A.....	3307
Bonn, D.....	771	Istanbul, TR (4).....	804
Bremen, D.....	879	Izmir, TR (2).....	638
Brescia, I.....	1193	Jena, D.....	1289
Brighton, GB.....	312	Jerusalem, IL.....	149
Brisbane, AUS.....	3104	Kaiserslautern, D.....	950
Bristol, GB.....	2318	Kansas City, USA (3).....	2095
Brussels, B.....	1449	Karachi, PAK.....	3282
Budapest, H.....	3115	Katowice, PL.....	713
Buenos Aires, RA (4).....	2004	Kaunas, LIT.....	133
Cagliari, I.....	719	Kent, GB.....	449
Cairo, ET.....	643	L'Aquila, I.....	343
Cali, CO.....	108	Lahore, PAK.....	94
Cambridge, GB.....	2441	Lecce, I.....	31
Cape Town, ZA (5).....	2728	Leeds, GB.....	3434
Caracas, YV.....	482	Leicester, GB.....	1554
Cardiff, GB.....	2295	Leiden, NL.....	1428
Carshalton, GB.....	907	Leuven, B (2).....	3412
Catalonia, E (8).....	9799	Liege, B.....	752
Catania, I.....	490	Lille, F.....	1104
Christchurch, NZ.....	739	Lima, PE.....	1060
Cincinnati, USA.....	1180	Linz, A (2).....	938
Cleveland, USA.....	2219	Liverpool, GB.....	2196
Cologne, D (2).....	3060	Ljubljana, SLO.....	908
Cosenza, I.....	121	Loma Linda, USA.....	1
Coventry, GB.....	904	London, GB (9).....	13575
Dallas, USA (3).....	3256	Louisville, USA.....	2149
Debrecen, H.....	782	Luebeck, D.....	1684
Dresden, D.....	589	Luxemburg, L.....	116
Dublin, IRL.....	4082	Lyon, F.....	287
Dundee, GB.....	173	Maastricht, NL.....	1465
Edinburgh, GB.....	1421	Maceio, BR.....	50
Edmonton, CDN.....	1993	Madrid, E (5).....	2459
Erlangen, D.....	2548	Mainz, D.....	584
Erzurum, TR.....	69	Malmo-Lund, S.....	1740
Exeter, GB.....	318	Manchester, GB.....	4167
Florence, I.....	783	Manila, RP (2).....	5416
Fort Wayne, USA.....	126	Mannheim, D.....	562
Frankfurt, D.....	2323	Mansoura, ET.....	2294
Freiburg, D.....	2852		
Fulda, D.....	141		

continued

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Part II

CENTER	No. of Grafts	CENTER	No. of Grafts
Mar del Plata, RA	198	Reims, F	894
Maracaibo, YV	509	Rennes, F	876
Marburg, D	815	Ribeirao Preto, BR	1062
Martin, SK	157	Rijeka, CRO	652
Mashad, IR	1516	Rio de Janeiro, BR	1814
Medellin, CO	3860	Rome, I (5)	2737
Melbourne, AUS (6)	4233	Rosario, RA	127
Mexico City, MEX	733	Rostock, D	1312
Milan, I (4)	4579	Rotterdam, NL	1974
Modena, I	421		
Moscow, RUS	1142	Salerno, I	120
Muenster, D	3027	Santa Fe, RA	578
Munich, D (2)	4919	Santander, E	1663
		Santiago, RCH (2)	618
Nancy, F	1995	Sao Paulo, BR (2)	11236
Nantes, F	4379	Sassari, I	165
Naples, I	454	Seattle, USA	1261
Neiva, CO (2)	146	Seoul, ROK	722
New Delhi, IND	1411	Sheffield, GB	1449
New York, USA (2)	5754	Shiraz, IR	2369
Newcastle, AUS	465	Siena, I	505
Newcastle u Tyne, GB	3082	St.Etienne, F	1306
Nijmegen, NL	3035	St.Gallen, CH	433
Nottingham, GB	1344	Stanford, USA	329
Novara, I	802	Strasbourg, F	781
		Stuttgart, D	1313
Omaha, USA	1662	Sydney, AUS (8)	6321
Orlando, USA	1620	Szeged, H	1186
Osijek, CRO	55		
Oviedo, E	1225	Tehran, IR	3534
Oxford, GB	2842	Tel Aviv, IL	377
		Toronto, CDN	3648
Padua, I	1656	Toulouse, F	1442
Palermo, I	689	Treviso, I	1150
Pamplona, E	774	Turin, I	2576
Panama, PA	373		
Paris, F	859	Udine, I	646
Parma, I	593	Ulm, D	1176
Pato Branco, BR	564	Uppsala, S	2165
Pavia, I	300	Urmia, IR	2084
Pecs, H	722	Utrecht, NL	964
Perth, AUS	1525		
Perugia, I	228	Valdivia, RCH	369
Petach Tikva, IL	2645	Valencia, E (3)	2727
Phoenix, USA	1785	Valhalla, USA	1892
Pisa, I	715	Vancouver, CDN	2483
Plymouth, GB	1046	Varese, I	605
Poitiers, F	917	Verona, I	1257
Portland, USA (2)	3819	Vicenza, I	624
Porto Alegre, BR	2380	Vilnius, LIT	1195
Portsmouth, GB	1734		
Prague, CZ	4314	Wellington, NZ	966
		Winnipeg, CDN	1133
Quebec, CDN	1378	Wuerzburg, D	934
Regensburg, D	885	Zagreb, CRO (2)	1452
Reggio di Calabria, I	164	Zurich, CH	2387

Total number of transplants: 362.562

CTS Collaborative Transplant Study

HEART, HEART-LUNG, LUNG TRANSPLANTS

1 May 2012

CENTER	No. of Grafts	CENTER	No. of Grafts
Aachen, D.....	96	London, St.Georges, GB.....	422
Aalst, B.....	282	Louisville, Jewish H., USA.....	520
Ann Arbor, USA.....	528	Louisville, Kosair H., USA.....	46
Auckland, NZ.....	386		
		Mainz, D.....	50
Bad Nauheim, D.....	91	Manchester, GB.....	886
Bad Oeynhausen, D.....	1317	Massa, I.....	3
Bari, I.....	31	Maywood, Loyola, USA.....	1016
Bergamo, I.....	832	Medellin, CO.....	325
Birmingham, GB.....	569	Melbourne, Childrens H., AUS.....	119
Bologna, I.....	420	Miami, USA.....	355
Brisbane, AUS.....	526	Milan, Niguarda, I.....	967
Brussels, Univ.Cath.Louvain, B.....	570	Milan-Policl, I.....	80
		Milwaukee, USA.....	805
Cagliari, I.....	87	Montreal, Inst. Card., CDN.....	393
Cape Town, CBM, ZA.....	92	Moscow, RUS.....	158
Cape Town, GSH, ZA.....	456		
Catania, I.....	63	Naples, I.....	367
Chicago, Childr Mem H., USA.....	116	New Orleans, USA.....	295
Chieti, I.....	36	New York, Columbia Presb., USA.....	2883
Columbus, Ohio State Univ., USA.....	361	Newcastle upon Tyne, GB.....	1731
Dallas, Childrens H., USA.....	113	Oslo, N.....	828
Dallas, St. Paul, USA.....	572		
Dresden, D.....	235	Padova, I.....	770
Duesseldorf, D.....	40	Palermo, IsMeTT, I.....	86
		Palermo, O.C. Benfratelli, I.....	16
Edmonton, CDN.....	829	Papworth-Cambridge, GB.....	2002
Erlangen, D.....	146	Paris, Broussais, F.....	881
Essen, D.....	462	Pato Branco, BR.....	10
		Pavia, I.....	1177
Fort Wayne, USA.....	279	Perth, AUS.....	133
Freiburg, D.....	323	Portland, USA.....	607
Fulda, D.....	136		
		Quebec, CDN.....	223
Geneva, CH.....	198		
Gent, B.....	150	Regensburg, D.....	178
Giessen, D.....	250	Rennes, F.....	314
Glasgow, GB.....	308	Rome, Ospedale Pediatrico Bamb, I.....	219
Goettingen, D.....	91	Rome, San Camillo-Forlanini, I.....	157
Goteborg, S.....	903	Rotterdam, NL.....	545
Graz, A.....	259		
Groningen, NL.....	418	San Francisco, UCSF, USA.....	296
		Sheffield, GB.....	250
Hamburg, D.....	372	Siena, I.....	186
Hannover, D.....	2329	St. Petersburg, RUS.....	7
Harefield, GB.....	2816	Strasbourg, F.....	376
Heidelberg, D.....	449		
Helsinki, FIN.....	645	Toronto, CDN.....	1181
Hershey, USA.....	380	Tucson, USA.....	907
Homburg, D.....	231	Turin, I.....	670
		Turin, Osp. Infantile, I.....	19
Innsbruck, A.....	578		
		Udine, I.....	456
Jena, D.....	211	Utrecht, NL.....	392
Kaiserslautern, D.....	54	Vancouver, CDN.....	305
Kansas City, USA.....	61	Verona, I.....	364
Kaunas, LIT.....	16	Vilnius, LIT.....	76
Lausanne, CH.....	235	Winnipeg, CDN.....	115
Leipzig, D.....	462		
Leuven, B.....	1194	Zagreb, CRO.....	156
Liege, B.....	351	Zagreb, Hospital Dubrava, CRO.....	56
Loma Linda, USA.....	706	Zurich, CH.....	372
London, CDN.....	491	Zurich, Kinderspital, CH.....	4
London, Gr.Ormond Street, GB.....	486		

Hearts: 36.710

Heart-Lungs: 1.842

Lungs: 11.841

Total: 50.393

CTS Collaborative Transplant Study

LIVER TRANSPLANTS

1 May 2012

CENTER	No. of Grafts	CENTER	No. of Grafts
Ancona, I.....	198	Louisville, USA	225
Ankara, TR	371	Magdeburg, D	186
Antwerpen, B.....	103	Mainz, D	653
Barcelona, H Belvitge, E.....	865	Manila, RP	7
Barcelona, H Clínic Provincial, E	1147	Medellin, CO.....	301
Barcelona, H de la Vall d'Hebr, E.....	625	Milan, Maggiore Policlinico, I.....	868
Bari, I.....	212	Milan, Niguarda, I.....	1183
Bergamo, I.....	914	Milan, Tumori, I.....	453
Bern, CH	352	Modena, I.....	495
Birmingham, GB.....	3730	Moscow, RUS	84
Bologna, I.....	1049	Munich, D.....	919
Brisbane, AUS.....	934	Munich, Rechts der Isar, D	363
Budapest, H	287	Naples, I	523
Cagliari, I	181	New Orleans, USA.....	466
Cambridge, GB.....	2332	Newcastle upon Tyne, GB	697
Cape Town, GSH, ZA	56	Padua, I.....	1245
Cape Town, RXH, ZA.....	7	Palermo, I	675
Cologne, D.....	146	Panama, PA.....	3
Dallas, Baylor, USA	3485	Paris, Enfant M, F	221
Dallas, Childrens H, USA	327	Petach Tikva, IL.....	482
Edinburgh, GB.....	1008	Pisa, I.....	1029
Edmonton, CDN.....	1237	Portland, USA	669
Erlangen, D.....	292	Portland, VA Medical Center, USA.....	346
Essen, D.....	2025	Regensburg, D.....	563
Frankfurt, D	511	Rennes, F	308
Freiburg, D	136	Roma, Ospedale Pediatrico, I	35
Geneva, CH	610	Rome, Istituto Regina Elena, I	138
Genoa, I	650	Rome, Ospedale S. Eugenio, I	394
Goettingen, D.....	407	Rome, Policlinico A. Gemelli, I.....	341
Goteborg, S	195	Rome, Policlinico Umberto I, I	511
Graz, A.....	237	Rome, San Camillo-Forlanini, I	95
Groningen, NL.....	1074	Rotterdam, NL	618
Hannover, D.....	2900	Shiraz, IR.....	1023
Heidelberg, D	1359	Strasbourg, F.....	1429
Homburg, D.....	128	Sydney, AUS	1211
Innsbruck, A.....	1168	Tel Aviv, IL.....	139
Jerusalem, IL	91	Toronto, CDN.....	1544
Kaunas, LIT	5	Turin, I	2177
Leeds, GB.....	2006	Udine, I.....	456
Leiden, NL.....	295	Verona, I.....	145
Leuven, B	938	Vilnius, LIT.....	4
Liege, B.....	540	Warsaw, Pediatric, PL.....	355
Ljubljana, SLO.....	183	Wuerzburg, D.....	76
London, Kings College, GB	3932	Zagreb, CRO	191
London, Royal Free, GB	1306	Zagreb, Hospital Merkur, CRO	370
		Zurich, CH.....	513

Total number of transplants: 65.283

CTS Collaborative Transplant Study

PANCREAS TRANSPLANTS

1 May 2012

CENTER	No. of Grafts	CENTER	No. of Grafts
Ancona, I.....	5	Maastricht, NL.....	34
Bangkok, Siriraj H, TH.....	3	Mainz, D.....	69
Barcelona, H. GTP, E.....	20	Malmo-Lund, S.....	27
Barcelona, H. Provincial, E.....	395	Manchester, GB.....	251
Barcelona, H. del Mar, E.....	5	Manila, RP.....	5
Belo Horizonte, BR.....	12	Mannheim, D.....	7
Bern, CH.....	1	Marburg, D.....	71
Birmingham, GB.....	29	Medellin, CO.....	18
Bochum, D.....	464	Melbourne, Monash, AUS.....	121
Bonn, D.....	48	Milan, Clin. Ped.0 de Marchi, I.....	1
Bremen, D.....	1	Milan, Maggiore Policlinico, I.....	14
Brussels, Univ.Cath.Louvain, B.....	63	Milan, Niguarda, I.....	89
Budapest, H.....	31	Milan, S. Raffaele, I.....	239
Buenos Aires, CEMIC, RA.....	41	Moscow, RUS.....	6
Buenos Aires, H. Italiano, RA.....	29	Munich, D.....	515
Cagliari, I.....	12	Munich, Rechts der Isar, D.....	53
Cambridge, GB.....	190	Munster, D.....	55
Cardiff, GB.....	123	Nancy, F.....	40
Carshalton, GB.....	10	Nantes, F.....	452
Catania, I.....	11	New Delhi, IND.....	2
Cincinnati, USA.....	164	Newcastle (Cleveland), GB.....	6
Cleveland Clinic, USA.....	159	Newcastle (Sunderland), GB.....	5
Cologne, Lindenthal, D.....	38	Newcastle u Tyne, GB.....	77
Cologne, Merheim, D.....	65	Nijmegen, NL.....	3
Coventry, GB.....	3	Omaha, USA.....	331
Dallas, Methodist, USA.....	103	Oxford, GB.....	510
Dallas, Parkland Memorial, USA.....	53	Padua, I.....	125
Edinburgh, GB.....	151	Palermo, IsMeTT, I.....	6
Edmonton, CDN.....	85	Parma, I.....	31
Erlangen, D.....	78	Pecs, H.....	73
Frankfurt, D.....	66	Perth, AUS.....	1
Freiburg, D.....	120	Petach Tikva, IL.....	34
Geneva, CH.....	89	Pisa, I.....	155
Genoa, I.....	55	Portland, USA.....	157
Giessen, D.....	103	Porto Alegre, SCM, BR.....	68
Glasgow, GB.....	7	Prague, CZ.....	462
Goteborg, S.....	139	Regensburg, D.....	75
Graz, A.....	20	Ribeirao Preto, BR.....	4
Groningen, NL.....	56	Rijeka, CRO.....	5
Hannover, D.....	212	Rome, Policlinico, I.....	24
Heidelberg, D.....	77	Rostock, D.....	178
Helsinki, FIN.....	28	Santander, E.....	23
Innsbruck, A.....	548	Sao Paulo, Einstein, BR.....	1
Jena, D.....	87	Sao Paulo, Esc Paulista, BR.....	392
Jerusalem, IL.....	1	Sao Paulo, HBP, BR.....	214
Johannesburg, ZA.....	8	Seoul, National Univ, ROK.....	7
Kaiserslautern, D.....	4	Shiraz, IR.....	12
Kansas, Research Medical Cente, USA.....	20	Strasbourg, F.....	53
Kansas, Univ. Medical Center, USA.....	65	Sydney, Prince of Wales H., AUS.....	9
Katowice, PL.....	35	Sydney, Royal Prince Alfred H., AUS.....	1
Kent and Canterbury, GB.....	15	Sydney, Westmead, AUS.....	363
Leeds, GB.....	35	Tel Aviv, IL.....	97
Leicester, GB.....	2	Toronto, CDN.....	131
Leiden, NL.....	224	Toulouse, F.....	7
Leuven, B.....	108	Treviso, I.....	10
Liege, B.....	57	Turin, I.....	32
Liverpool, GB.....	104	Udine, I.....	16
Ljubljana, SLO.....	4	Ulm, D.....	58
London, Dulwich, GB.....	17	Uppsala, S.....	158
London, Guys, GB.....	214	Valencia, E.....	54
London, Hammersmith Hospital, GB.....	86	Varese, I.....	4
London, St.Marys, GB.....	88	Wuerzburg, D.....	14
Louisville, USA.....	111	Zagreb, CRO.....	25
Luebeck, D.....	26	Zagreb, Hospital Merkur, CRO.....	49
		Zurich, CH.....	223

Total number of transplants: 11.576