

**CMS-1309-NC-1 Announcement of an Application From a Hospital Requesting
Waiver for Organ Procurement Service Areas**

Submitter : Dr. Anthony D'Alessandro

Date & Time: 10/03/2005

Organization : University of Wisconsin Hospital and Clinics OPO

Category : Organ Procurement Organization

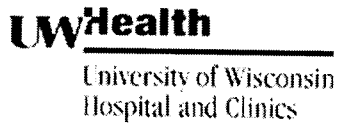
Issue Areas/Comments

GENERAL

GENERAL

See Attachment

CMS-1309-NC-1-Attach-1.PDF



October 3, 2005

Mark Horney
Health Insurance Specialist
Centers for Medicare & Medicaid Services
Department of Health and Human Services
Attention: CMS-1309-NC
Mail Stop: C4-26-05
7500 Security Boulevard
Baltimore, MD 21244-1850

Via: Electronically (www.cms.hhs.gov/regulations/ecomments)
Federal Express

Re: CMS-1309-NC Comments in support of Rockford Memorial Hospital Waiver Application

Dear Mr. Horney,

The University of Wisconsin Hospitals and Clinics Authority Organ Procurement Organization (UWHC OPO) is pleased to have the opportunity to submit a comment in support of the Waiver of Designated OPO for Rockford Memorial Hospital. The UWHC OPO is prepared to serve this new hospital and ensure a successful transition and improved service to donor families, the hospital, and transplant recipients. We respectfully submit the following information to demonstrate that there is overwhelming evidence that a waiver would meet the criteria and improve service to Medicare beneficiaries, as well as the population at large.

Granting the Waiver Will Increase Donation:

- 1) The UWHC OPO has consistently ranked in the top five organ procurement organizations. In the last two years, the UWHC OPO has had the highest conversion rate in the country. The last published conversion rate for the UWHC OPO was 77.8%, which exceeded the published conversion rate of Gift of Hope. Please see attached table Donation Rates and Median Time to Transplant. Further, the UWHC OPO was recognized as a best practice site by the Health Resources Services Administration (HRSA) for conversion rate. Granting the waiver will lead to an increase in donors recovered at Rockford Memorial Hospital.
- 2) UWHC OPO leads the nation in organs recovered per donor. Additionally, the UWHC OPO was recognized as a best practice site by HRSA for "donor yield" or organs recovered and transplanted per donor. The table below collected by the Midwest Consortium Donation Coordinator for the Centers for Medicare and Medicaid Services (CMS) demonstrates that by granting a waiver, more organs will be recovered and transplanted per donor. It is important to note that UWHC OPO does a higher

percentage of organ donors after cardiac death (DCD donors) and extended criteria donors both of which decrease the donor yield. Yet despite this fact, clearly the data demonstrates that UWHC OPO has superior results.

Organs Transplanted for All Donors				
	2002	2003	2004	Jan-May 2005
Gift of Hope	3.13	3.11	3.16	2.98
University of Wisconsin	3.71	3.33	3.14	3.53

Non DCD Organs Transplanted Per Donor				
	2002	2003	2004	Jan-May 2005
Gift of Hope	3.2	3.2	3.3	3.1
University of Wisconsin	3.9	3.6	3.4	3.9

The data reported by the Scientific Registry of Transplant Recipients is consistent in demonstrating that the UWHC OPO recovers and transplants a higher number of organs per donor than Gift of Hope. As a result, allowing the waiver would increase donor yield for donors recovered at Rockford Memorial Hospital.

- 3) The UWHC OPO is a national leader in recovering organs from donors after cardiac death. The UWHC OPO team developed an evaluation tool for evaluating these donors which has been adopted nationally. The UWHC OPO also received a federal grant from HRSA to study methods for increasing DCD donation. Further, the table below from the Scientific Registry of Transplant Recipients demonstrates that more DCD organs would be recovered if a waiver were to be granted. Additionally, it is important to note that UWHC OPO is one of the few organizations that recover lungs from DCD donors for transplantation.

	Gift of Hope	UWHC OPO
Organs Recovered per Donor (DCD)	2.5	2.8

- 4) The table below collected by the Midwest Consortium Donation Coordinator for CMS further demonstrates that UWHC OPO recovers and transplants not only more organs per DCD donor, but also has a higher percentage of DCD donors.

DCD Organs Recovered					
	2002	2003	2004	Jan-May 2005	% of Total
Gift of Hope	12	29	35	20	9.30%
University of Wisconsin	14	26	26	11	19.10%

- 4) In addition to Rockford Memorial Hospital, there are two other hospitals in Rockford Illinois, Swedish American Hospital and St. Anthony's Hospital. The UWHC OPO donation service area includes Swedish American Hospital and St. Anthony's Hospital. The conversion rates (see below) of both of these hospitals as reported by the Scientific Registry of Transplant Recipients demonstrate that UWHC OPO has been effective in serving the Rockford area.

Observed Donation Rate	
St. Anthony's Hospital	80%
Swedish American Hospital	75%

- 5) One final measure that demonstrates that UWHC OPO could positively increase donation rates at Rockford Memorial Hospital is organ donors per million population. The table below from the Association of Organ Procurement Organization demonstrates that again UWHC OPO has results that are significantly better than Gift of Hope.

Organ Donors Per Million Population		
	2004	2005 (Jan-June)
Gift of Hope	26.8	27.6
University of Wisconsin	41.2	40

Granting the Waiver Will Assure Equitable Treatment of Patients Referred for Transplant:

- 1) The UWHC Transplant Program provides a significant number of transplants to Illinois residents. In 2002, UWHC provided 10% of the transplants received by Illinois residents. The attached table Illinois Residents Transplanted at University of Wisconsin Hospital and Clinics from 1989 to Present demonstrates that 1,126 of Illinois residents have received a transplant from the University of Wisconsin Transplant

Program since 1989. The table also demonstrates that a significant percentage of the total number of patients that UWHC transplants each year are from Illinois.

- 2) The UWHC Transplant Program transplants significantly more Illinois residents than the number of organs currently recovered from the Rockford area. The attached table Organs Recovered by UWHC OPO from Rockford vs. IL Residents Transplanted demonstrates that the UWHC OPO has transplanted 1,270 organs in Illinois patients compared to the 653 organs recovered from Illinois hospitals.
- 3) A large number of transplant patients are listed both in Gift of Hope's Service Area as well as UWHC OPO's service area, and as a result, granting the waiver should have no significant impact on patients waiting.
- 4) The Illinois patients who come to UWHC for transplant are racially diverse as seen on the attached table Racial and Ethnic Demographic information for Illinois patients on the University of Wisconsin Hospital and Clinics Waiting list. Additionally, racial and ethnic minorities are transplanted at a faster rate at the UWHC Transplant Program compared to all transplant centers within the Gift of Hope's donation service area (see the attached table Percent Transplanted for Waitlist Patients at Centers Served by the OPO).

Cost Effectiveness:

- 1) The UWHC OPO model for requesting decreases the time from referral to recovery compared to other organ procurement organizations like Gift of Hope. As a result, the cost per donor acquisition is less.

Improvements in Quality:

- 1) The UWHC Transplant Program has a long history of outstanding patient results. In 1999, UWHC Transplant Program had the best overall patient outcomes in the country for kidney, kidney-pancreas, pancreas, liver, lung, and heart transplants.
- 2) In the most recently published Scientific Registry of Transplant Recipient Data, **not one** of the Illinois transplant programs achieved statistically better results in kidney and liver transplant programs as seen in the attached table Illinois Transplant Centers vs. University of Wisconsin Hospital and Clinics Patient and Graft Survival. UWHC achieved statistically significantly better results in kidney and liver transplantation. Additionally, UWHC achieved better than expected results in every organ transplant program. Not one of the Illinois transplant programs performs better than expected in all organs transplanted, and in some programs, the table shows that the results for several Illinois transplant programs are statistically lower than expected.

The Length and Continuity of a Hospital's Relationship with the Out-of-Area OPO:

- 1) Prior to 1996, all three Rockford hospitals were in the UWHC OPO Donation Service Area. This was abruptly changed in 1996. The UWHC OPO has long been able to effectively serve the hospitals in Rockford. Further, Rockford Memorial Hospital wishes to return the UWHC OPO model for requesting organ donation.

It is clear that UWHC OPO is best positioned to partner with Rockford Memorial Hospital in improving the number of organs recovered and improve service to donor families. Should you have any additional questions about the data submitted, please don't hesitate to contact me at 608-239-1055 or 608-263-2318.

Sincerely,



Anthony M. D'Alessandro, M.D.
Executive Director, Organ Procurement Organization
University of Wisconsin
Hospitals & Clinics Authority

Attachments

Donation Rates and Median Time to Transplant

	Gift of Hope	UWHC OPO
Observed Donation Rate ¹	70.6%	77.8%
Observed Notification Rate/Expected Notification Rate	4.4/5.5	7.8/4.5 ⁶
Organs Recovered per Donor (all) ³	3.5	3.7
Organs Recovered per Donor (standard donors)	4.0	4.5
Organs Recovered per Donor (DCD)	2.5	2.8
Organs Recovered per Donor (ECD) ⁴	2.5	2.8

Median Time To Transplant in Months (Kidney) ⁵	42.6	16.5
Median Time To Transplant in Months (Liver) ^{5, 6}	-	5.3
Median Time to Transplant in Months (Heart) ⁵	3.8	6.8

¹The Observed Donation Rate is calculated as the number of Deceased Donors Meeting Eligibility Criteria per 100 Eligible Deaths. Data Reported for 1/01/2003 - 12/31/2004.

²The Observed Notification Rate is calculated as the number of Eligible Deaths per 100 Notifiable Deaths. Data Reported for 1/01/2003 - 12/31/2004.

³Organs recovered include only those recovered for full organ transplant, excluding recovers for science or for pancreas islet, heart valves, etc. Data Reported for 1/01/2003 - 12/31/2004.

⁴Expanded Criteria Donors (ECD) are donors over age 60 or who are age 50-59 with two of the following conditions: a CVA, history of hypertension, creatinine of greater than 1.5. Data Reported for 1/01/2003 - 12/31/2004.

⁵Calculated as the months after wait listing during which the corresponding percent of all patients initially waitlisted have received a transplant based upon patients listed between 1/01/99 - 6/30/2004.

⁶Statistically higher than expected.

⁶A "-" indicates that fewer than half the patients had received a transplant during the time frame reported.

Source: *Scientific Registry of Transplant Recipients*, <http://www.ustransplants.org> (data released on 7/12/2005.)

Illinois Residents Transplanted at University of Wisconsin Hospital and Clinics from 1989 to Present

	Deceased Donor Kidney (excluding simultaneous kidney/pancreas)					Combined Kidney/Pancreas Tx's					Isolated Pancreas Transplants					Liver Transplants					Heart Transplants					Heart/Lung Transplants					Lung Transplants (single & bilateral)					TOTAL TRANSPLANTS				
	IL	% IL	WI-oth	% WI	TOTAL	IL	% IL	WI-oth	% WI	TOTAL	IL	% IL	WI-oth	% WI	TOTAL	IL	% IL	WI-oth	% WI	TOTAL	IL	% IL	WI-oth	% WI	TOTAL	IL	% IL	WI-oth	% WI	TOTAL	IL	% IL	WI-oth	% WI	TOTAL	IL	% IL	WI-oth	% WI	TOTAL
1989	30	30.6%	68	69.4%	98	7	15.2%	39	84.8%	46	0	0.0%	0	0.0%	0	2	2.8%	69	97.2%	71	0	0.0%	15	100.0%	15	0	0.0%	1	100.0%	1	0	0.0%	0	0.0%	0	39	16.9%	192	83.1%	231
1990	31	33.0%	63	67.0%	94	14	34.1%	27	65.9%	41	1	50.0%	1	50.0%	2	6	7.1%	78	92.9%	84	0	0.0%	9	100.0%	9	0	0.0%	0	0.0%	0	0	0.0%	0	0.0%	0	52	22.6%	178	77.4%	230
1991	39	35.8%	70	64.2%	109	6	13.6%	38	86.4%	44	0	0.0%	0	0.0%	0	1	1.5%	67	98.5%	68	1	6.3%	15	93.8%	16	0	0.0%	0	0.0%	0	0	0.0%	1	100.0%	1	47	19.7%	191	80.3%	238
1992	44	33.6%	87	66.4%	131	9	21.4%	33	78.6%	42	0	0.0%	0	0.0%	0	4	6.9%	54	93.1%	58	1	5.3%	18	94.7%	19	0	0.0%	2	100.0%	2	0	0.0%	2	100.0%	2	58	22.8%	196	77.2%	254
1993	49	32.5%	102	67.5%	151	22	31.4%	48	68.6%	70	0	0.0%	1	100.0%	1	5	7.0%	66	93.0%	71	2	4.8%	40	95.2%	42	0	0.0%	0	0.0%	0	0	0.0%	8	100.0%	8	78	22.7%	265	77.3%	343
1994	45	33.1%	91	66.9%	136	18	36.7%	31	63.3%	49	0	0.0%	0	0.0%	0	7	11.7%	53	88.3%	60	11	19.3%	46	80.7%	57	0	0.0%	1	100.0%	1	1	6.3%	15	93.7%	16	82	25.7%	237	74.3%	319
1995	41	33.1%	83	66.9%	124	10	18.2%	45	81.8%	55	0	0.0%	0	0.0%	0	5	7.5%	62	92.5%	67	13	24.5%	40	75.5%	53	0	0.0%	0	0.0%	0	1	3.8%	25	96.2%	26	70	21.5%	255	78.5%	325
1996	32	28.6%	80	71.4%	112	14	24.6%	43	75.4%	57	0	0.0%	0	0.0%	0	6	9.7%	56	90.3%	62	7	14.6%	41	85.4%	48	0	0.0%	1	100.0%	1	0	0.0%	22	100.0%	22	59	19.5%	243	80.5%	302
1997	30	27.3%	80	72.7%	110	19	31.7%	41	68.3%	60	3	42.9%	4	57.1%	7	6	8.3%	66	91.7%	72	6	17.1%	29	82.9%	35	0	0.0%	1	100.0%	1	2	8.0%	23	92.0%	25	66	21.3%	244	78.7%	310
1998	38	32.8%	78	67.2%	116	10	19.6%	41	80.4%	51	5	50.0%	5	50.0%	10	9	12.3%	64	87.7%	73	4	11.8%	30	88.2%	34	0	0.0%	0	0.0%	0	1	4.3%	22	95.7%	23	67	21.8%	240	78.2%	307
1999	49	32.2%	103	67.8%	152	13	23.6%	42	76.4%	55	0	0.0%	19	100.0%	19	16	18.2%	72	81.8%	88	4	12.1%	29	87.9%	33	0	0.0%	2	100.0%	2	2	14.3%	12	85.7%	14	84	23.1%	279	76.9%	363
2000	36	27.3%	96	72.7%	132	13	25.5%	38	74.5%	51	1	6.7%	14	93.3%	15	7	10.9%	57	89.1%	64	4	19.0%	17	81.0%	21	0	0.0%	0	0.0%	0	6	30.0%	14	70.0%	20	67	22.1%	236	77.9%	303
2001	30	20.8%	114	79.2%	144	14	26.9%	38	73.1%	52	1	11.1%	8	88.9%	9	6	7.4%	69	85.2%	81	1	3.7%	26	96.3%	27	0	0.0%	1	100.0%	1	5	17.9%	23	82.1%	28	57	17.0%	279	83.0%	336
2002*	42	28.8%	104	71.2%	146	13	24.5%	40	75.5%	53	5	29.4%	12	70.6%	17	12	11.7%	85	82.5%	103	0	0.0%	18	100.0%	18	1	100.0%	0	0.0%	1	5	21.7%	18	78.3%	23	78	22.0%	277	78.0%	355
2003	41	23.6%	133	76.4%	174	14	31.8%	30	68.2%	44	2	13.3%	13	86.7%	15	9	9.8%	82	89.1%	92	2	10.5%	17	89.5%	19	0	0.0%	0	0.0%	0	5	16.7%	25	83.3%	30	73	19.6%	300	80.4%	373
2004	55	29.9%	129	70.1%	184	12	22.2%	42	77.8%	54	2	14.3%	12	85.7%	14	10	10.5%	84	88.4%	95	3	11.5%	23	88.5%	26	0	0.0%	2	100.0%	2	4	16.0%	21	84.0%	25	86	21.6%	313	78.4%	399
2005**	39	28.9%	96	71.1%	135	6	14.0%	37	86.0%	43	3	33.3%	6	66.7%	9	8	21.6%	57	154.1%	37	3	15.78	16	84.2%	19	0	0.0%	0	0.0%	0	4	12.5%	28	87.5	32	63	20.8%	240	79.2%	303

*According to the IL State Health Registry in 2002 UW did 10% of the transplants performed on IL State Residents this was the last year the registry reported this data

**2005 Data includes transplants performed through 8/31/050

Source: University of Wisconsin Transplant Hospital and Clinics Transplant Data System

Organs Recovered by UWHC OPO from Rockford vs. IL Residents Transplanted

Year	Rockford Donors	Organs Recovered from Rockford	Total Organs Received by IL Residents	Kidneys Recovered from Rockford	IL Kidney Recipients	Pancreas Recovered from Rockford	IL Pancreas Recipients	Livers Recovered from Rockford	IL Liver Recipients	Heart Recovered from Rockford	Heart Recipients from IL	Lungs Recovered from Rockford	Lung Recipients from IL
1989	3	8	46	6	37	0	7	1	2	1	0	0	0
1990	14	50	66	24	45	13	15	10	6	3	0	0	0
1991	9	23	53	12	45	3	6	6	1	2	1	0	0
1992	6	24	67	10	53	5	9	5	4	4	1	0	0
1993	14	56	100	26	71	9	22	9	5	8	2	4	0
1994	9	37	100	16	63	5	18	6	7	6	11	4	1
1995	7	33	80	13	51	4	10	5	5	5	13	6	1
1996	10	34	73	17	46	4	14	6	6	3	7	4	0
1997	17	58	85	29	50	9	22	11	5	6	6	3	2
1998	12	47	77	24	48	8	15	9	9	3	4	3	1
1999	18	81	98	33	62	10	13	13	16	9	1	16	2
2000	6	14	67	8	36	1	14	4	7	1	4	0	6
2001	15	47	57	27	30	7	15	9	6	2	1	2	5
2002	7	26	79	13	42	4	18	7	12	1	1	1	6
2003	7	24	73	11	41	5	16	5	9	2	2	1	5
2004	15	52	86	28	55	7	14	12	10	3	3	2	4
2005*	9	39	63	18	39	6	9	8	8	4	3	3	4
Total	178	653	1270	315	814	100	237	126	118	63	60	49	37

* 2005 Data includes transplants performed through 8/31/050

Source: University of Wisconsin Transplant Data System

**Racial and Ethnic Demographic Information for Illinois Patients on the
University of Wisconsin Hospital and Clinics Waiting List**

Race / Ethnicity	Abdominal Transplant Waiting List	Cardiopulmonary Transplant Waiting List
Asian	5.35%	
Black	22.46%	11.11%
Caucasian	69.52%	88.89%
Indian Subcontinent	0.53%	
Middle Eastern	1.07%	
Pacific Islander	1.07%	
	100.00%	100.00%

Source: University of Wisconsin Hospital and Clinics Transplant Data System. Data Reported on September 16, 2005.

Percent Transplanted for Waitlist Patients at Centers Served by the OPO

University of Wisconsin					
Race / Ethnicity	N	30 Days	1 Year	2 Years	3 Years
White	581	3.8	23.1	35.8	43.7
African-American	107	1.9	14	22.4	35.5
Hispanic/Latino	36	0	16.7	25	36.1
Asian	52	0	11.5	23.1	30.8
Other	15	6.7	33.3	33.3	60
Unknown	0	-	-	-	-

Gift of Hope					
Race / Ethnicity	N	30 Days	1 Year	2 Years	3 Years
White	1099	2.8	16.7	24.7	30
African-American	958	1.3	10.9	16.7	23.5
Hispanic/Latino	252	2	15.5	26.6	34.9
Asian	111	0.9	15.3	20.7	27
Other	3	0	0	0	33.3
Unknown	0	-	-	-	-

Source: Scientific Registry of Transplant Recipients, www.ustransplants.org. Patients registered between 1/1/1999 and 12/31/2001.

Illinois Transplant Centers vs. University of Wisconsin Hospital and Clinics Patient and Graft Survival

Adult Kidney Graft Survival			
	Graft Survival One Month	Expected Graft Survival One Month	Statistical Relevance
Children's Memorial Hospital	80	97.93	Not Statistically Different
Loyola University Medical Center	99.27	97.51	Not Statistically Different
Memorial Medical Center	95.38	96.68	Not Statistically Different
Northwestern Memorial Hospital	98.23	97.46	Not Statistically Different
Rush University Medical Center	96.96	96.06	Not Statistically Different
OSF St. Francis Medical Center	98.45	96.64	Not Statistically Different
University of Chicago Medical Center	95.59	96.19	Not Statistically Different
University of Illinois Medical Center	95.05	97.29	Not Statistically Different
University Of Wisconsin Hospital and Clinics	97.75	96.12	Statistically Higher

Adult Kidney Graft Survival			
	Graft Survival at One Year	Expected Graft Survival at One Year	Statistical Relevance
Children's Memorial Hospital	80	94.58	Not Statistically Different
Loyola University Medical Center	97.07	93.69	Not Statistically Different
Memorial Medical Center	88.38	91.17	Not Statistically Different
Northwestern Memorial Hospital	94.88	93.83	Not Statistically Different
Rush University Medical Center	91.76	89.65	Not Statistically Different
OSF St. Francis Medical Center	90.43	91.12	Not Statistically Different
University of Chicago Medical Center	89.8	90.03	Not Statistically Different
University of Illinois Medical Center	91.87	93.33	Not Statistically Different
University Of Wisconsin Hospital and Clinics	90.4	90.11	Not Statistically Different

Illinois Transplant Centers vs. University of Wisconsin Hospital and Clinics Patient and Graft Survival

Adult Kidney Graft Survival			
	Graft Survival at Three Years	Expected Graft Survival at Three Years	Statistical Relevance
Children's Memorial Hospital	100	85.2	Not Statistically Different
Loyola University Medical Center	87.3	85.35	Not Statistically Different
Memorial Medical Center	89.36	83.00	Not Statistically Different
Northwestern Memorial Hospital	89.8	85.67	Statistically Higher
Rush University Medical Center	75.53	79.76	Statistically Lower
OSF St. Francis Medical Center	77.99	81.18	Not Statistically Different
University of Chicago Medical Center	75.32	79.82	Not Statistically Different
University of Illinois Medical Center	73.03	80.98	Statistically Lower
University Of Wisconsin Hospital and Clinics	85.29	81.41	Statistically Higher

Adult Liver Patient Survival			
	Patient Survival One Month	Expected Patient Survival One Month	Statistical Relevance
Children's Memorial Hospital	100	95.05	Not Statistically Different
Loyola University Medical Center	100	94.89	Not Statistically Different
Northwestern Memorial Hospital	98.05	96.2	Not Statistically Different
Rush University Medical Center	94.84	95.19	Not Statistically Different
University of Chicago Medical Center	100	96.48	Not Statistically Different
University of Illinois Medical Center	95.74	95.44	Not Statistically Different
University Of Wisconsin Hospital and Clinics	97.75	95.74	Not Statistically Different

Illinois Transplant Centers vs. University of Wisconsin Hospital and Clinics Patient and Graft Survival

Adult Liver Patient Survival			
	Patient Survival One Year	Expected Patient Survival One Year	Statistical Relevance
Children's Memorial Hospital	100	74.93	Not Statistically Different
Loyola University Medical Center	88.85	84.01	Not Statistically Different
Northwestern Memorial Hospital	89.29	87.09	Not Statistically Different
Rush University Medical Center	85.96	84.79	Not Statistically Different
University of Chicago Medical Center	91.63	88.29	Not Statistically Different
University of Illinois Medical Center	83.16	83.82	Not Statistically Different
University Of Wisconsin Hospital and Clinics	94.28	86.49	Statistically Higher

Adult Liver Patient Survival			
	Patient Survival Three Years	Expected Patient Survival Three Years	Statistical Relevance
Children's Memorial Hospital	100	88.23	Not Statistically Different
Loyola University Medical Center	78.57	78.72	Not Statistically Different
Northwestern Memorial Hospital	76.92	79.02	Not Statistically Different
Rush University Medical Center	73.21	74.71	Not Statistically Different
University of Chicago Medical Center	81.82	79.26	Not Statistically Different
University of Illinois Medical Center	76.92	77.96	Not Statistically Different
University Of Wisconsin Hospital and Clinics	81.94	79.39	Not Statistically Different

Adult Heart Patient Survival			
	Patient Survival One Month	Expected Patient Survival One Month	Statistical Relevance
Loyola University Medical Center	90.91	95.03	Not Statistically Different
Rush University Medical Center	92.86	95.46	Not Statistically Different
OSF St. Francis Medical Center	90	94.66	Not Statistically Different
University of Chicago Medical Center	90.2	93.79	Not Statistically Different
University of Illinois Medical Center	83.33	94.66	Not Statistically Different
University Of Wisconsin Hospital and Clinics	95.56	93.6	Not Statistically Different

Illinois Transplant Centers vs. University of Wisconsin Hospital and Clinics Patient and Graft Survival

Adult Heart Patient Survival			
	Patient Survival One Year	Expected Patient Survival One Year	Statistical Relevance
Loyola University Medical Center	84.09	88.79	Not Statistically Different
Rush University Medical Center	64.29	89.75	Statistically Lower
OSF St. Francis Medical Center	90	87.99	Not Statistically Different
University of Chicago Medical Center	70.59	86.27	Statistically Lower
University of Illinois Medical Center	99.67	88.07	Not Statistically Different
University Of Wisconsin Hospital and Clinics	95.56	85.92	Not Statistically Different

Adult Heart Patient Survival			
	Patient Survival Three Years	Expected Patient Survival Three Years	Statistical Relevance
Loyola University Medical Center	90.57	80.34	Not Statistically Different
Rush University Medical Center	77.27	80.94	Not Statistically Different
OSF St. Francis Medical Center	76.67	79.18	Not Statistically Different
University of Chicago Medical Center	72.22	76.46	Not Statistically Different
University of Illinois Medical Center	66.67	74.47	Not Statistically Different
University Of Wisconsin Hospital and Clinics	88.06	80.00	Not Statistically Different

Adult Lung Patient Survival			
	Patient Survival One Month	Expected Patient Survival One Month	Statistical Relevance
Loyola University Medical Center	93.75	94.78	Not Statistically Different
University of Chicago Medical Center	100	93	Not Statistically Different
University Of Wisconsin Hospital and Clinics	98.41	95.99	Not Statistically Different

Illinois Transplant Centers vs. University of Wisconsin Hospital and Clinics Patient and Graft Survival

Adult Lung Patient Survival			
	Patient Survival One Year	Expected Patient Survival One Year	Statistical Relevance
Loyola University Medical Center	84.38	81.45	Not Statistically Different
University of Chicago Medical Center	25	76.43	Not Statistically Different
University Of Wisconsin Hospital and Clinics	93.65	85.25	Not Statistically Different

Adult Lung Patient Survival			
	Patient Survival Three Years	Expected Patient Survival Three Years	Statistical Relevance
Loyola University Medical Center	62.82	63.9	Not Statistically Different
University of Chicago Medical Center	57.14	63.63	Not Statistically Different
University Of Wisconsin Hospital and Clinics	69.01	63.01	Not Statistically Different

Source: Scientific Registry of Transplant Recipients, www.ustransplants.org. For Patients Receiving their First Transplant of this type between 01/01/2002 and 06/30/2004 for the 1 Month and 1 Year Cohorts; between 07/01/1999 and 12/31/2001 for the 3 Year Cohort