

REGISTRY OFCenter Code: NCCMTRANSPLANTTransplant Program (Organ): Kidney
Release Date: January 9, 2024RECIPIENTSBased on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

COVID-19 Guide

Adjustments to Transplant Program and OPO Evaluation Metrics

The Scientific Registry of Transplant Recipients (SRTR), under contract from the Health Resources and Services Administration (HRSA), is charged with evaluating the performance of the nation's transplant system through publication of semi-annual transplant program-specific reports (PSRs) and organ procurement organization (OPO)-specific reports (OSRs). These reports contain performance metrics covering various time periods. For OPOs, these metrics include eligible death conversion rates and deceased donor organ yield. For transplant programs, they include pre-transplant mortality rates (formerly called waitlist mortality rates), transplant rates, organ offer acceptance rates, patient mortality after listing, and 1-month, 90-day, 1-year, 1-year conditional on 90-day, and 3-year posttransplant outcomes including graft survival and patient survival.

In response to the current global pandemic, SRTR modified the evaluation metrics for transplant programs and OPOs for the reports released in January 2021, July 2021, January 2022, July 2022, January 2023 and July 2023. These reports made adjustments to transplant program and OPO performance metrics so that data during the time around the declaration of a national public health emergency on March 13, 2020, were not included in the metrics.

Modifications for the January 2024 reporting cycle were considered at the Analytic Methods Subcommittee of the SRTR Review Committee (SRC) at its meeting on March 24, 2021, and the full SRC meetings April 27, 2021 and on January 11, 2022. Both the Analytic Methods Subcommittee and the full SRC recommended an ongoing carve out of the first quarter of the pandemic (March 13, 2020 through June 12, 2020) from adjusted performance metrics, as detailed below. These recommendations were reviewed by HRSA's Division of Transplantation, which oversees SRTR. HRSA approved these recommendations, which SRTR will implement for the January 2024 reporting cycle. These changes will remain in force beyond the January 2024 reporting cycle, unless otherwise amended:

Posttransplant Outcomes (including 1-month, 90-day, 1-year, 1-year conditional on 90-day, and 3-year graft and patient survival): Evaluation cohorts will exclude transplants performed between March 13, 2020 and June 12, 2020, inclusive of March 13 and June 12. Patients given transplants before March 13, 2020 will have follow-up censored on March 12, 2020. Patients given transplants after June 12, 2020 will resume normal follow-up. Follow-up will not resume for patients given transplants before March 13, 2020 who are alive with function on June 12, 2020; however, this may be reconsidered as SRTR continues to explore moving to a period-prevalent methodology:

1-month, 90-day, 1-year & 1-year conditional on 90-day Patient and Graft Survival Evaluations: Transplants 7/1/2020-12/31/2022, follow-up through 6/30/2023.

3-year Patient and Graft Survival Evaluations: Transplants 1/1/2018-3/12/2020, follow-up through 3/12/2020. Transplants 6/13/2020-6/30/2020; follow-up through 6/30/2023.

Pre-Transplant Mortality Rate (formerly called Waitlist Mortality Rate): These evaluations are based on normal reporting cohorts.

Days after listing (and before transplant) between 7/1/2021 and 6/30/2023.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

COVID-19 Guide

Transplant Rate: These evaluations are based on normal reporting cohorts.

Candidates on the waitlist 7/1/2021-6/30/2023.

Overall Rate of Mortality After Listing: These evaluations are based on normal reporting cohorts.

Evaluation period: 7/1/2021-6/30/2023.

Offer Acceptance Rate: These evaluations are based on normal reporting cohorts.

Offers received 7/1/2022-6/30/2023.

These decisions will apply to the evaluations released in the SRTR's semi-annual program-specific reports scheduled for release on January 9, 2024. These changes have been communicated to the leadership of the Organ Procurement and Transplantation Network's (OPTN) Membership and Professional Standards Committee (MSPC). These decisions will then be re-evaluated as more information becomes available in preparation for the release scheduled for July 2024.

As with the July 2023 reports, SRTR will continue to report descriptive data beyond March 12, 2020, e.g., waitlist counts, transplant counts, recipient characteristics, donor counts, donor characteristics, etc., but will alter data for performance evaluation metrics as described above.



REGISTRY OFCenter Code: NCCMTRANSPLANTTransplant Program (Organ): Kidney
Release Date: January 9, 2024RECIPIENTSBased on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

User Guide

This report contains a wide range of useful information about the kidney transplant program at Carolinas Medical Center. The report has three main sections:

- A. Program Summary
- B. Waiting List Information
- C. Transplant Information

The Program Summary is a one-page summary highlighting characteristics of the program, including the number of candidates on the waiting list, the number of transplants performed at the program, the number of patients being cared for by the program, and patient outcomes, including outcomes while on the waiting list (the transplant rate and the death rate while on the waiting list) and outcomes after transplant (patient and graft survival probabilities). If the program performed transplants in both adults and children, survival probabilities for adults and children (pediatrics) are provided separately. For each of the outcomes measures presented, a comparison is provided showing what would be expected at this program if it were performing as similar programs around the country perform when treating similar patients. More details regarding these outcome measures are provided in Sections B and C of the report.

The Waiting List Information section contains more detailed information on how many candidates are on the waiting list at the program, the types of candidates on the waiting list, how long candidates typically have to wait for a transplant at this program, how frequently candidates successfully receive a transplant, and how often candidates on the waiting list die before receiving a transplant.

Table B1 shows the activity on this program's waiting list during two recent 1-year periods and provides comparisons to all programs within this program's OPTN region (see http://optn.transplant.hrsa.gov/members/regions.asp for information on OPTN regions) and the nation as a whole. Tables B2 and B3 describe the candidates on the waiting list at this program, with comparisons to candidates waiting in the same donor service area (OPO/DSA) the OPTN region, and the nation as a whole.

Table B4 shows how many candidates were removed from the waiting list because they received a transplant. The program's transplant rate is calculated as the number of candidates who received a transplant divided by the person-years observed at the program (person-years is a combination of how many candidates were on the waiting list along with how long each candidate was followed since some candidates are not on the waiting list for the entire year). The transplant rate and comparisons to what would be expected at this program are presented in Figures B1 and B2. Figure B1 shows the transplant rate compared to what was expected at this program. The expected transplant rate is an estimate of what we would expect at this program if it were performing transplants at rates similar to other programs in the US with similar candidates on their waiting lists. The expected rate is only an estimate, and is made with a certain level of uncertainty. This uncertainty is shown in Figure B2. Figure B2 displays the ratio of the observed to the expected transplant rate. A ratio of 1 indicates that the observed transplant rate was equal to the expected transplant rate, while a ratio less than 1 indicates the observed rate was lower than expected rate and a ratio greater than 1 indicates the observed rate was higher than the expected rate. However, the level of uncertainty must be considered when interpreting these numbers. The 95% interval is also shown on Figure B2. This interval provides a range within which the true ratio of observed to expected transplant rates is likely to be. If this



REGISTRY OFCenter Code: NCCMTRANSPLANTTransplant Program (Organ): Kidney
Release Date: January 9, 2024RECIPIENTSBased on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

User Guide

confidence interval includes (crosses) 1.0, then we cannot say that this program's observed transplant rate is different from what would be expected. The observed transplant rate at this program was 16.6 per 100 person-years. Transplant rates are also provided for adult and pediatric patients separately along with comparisons to adult and pediatric rates in the DSA, the OPTN region, and the nation. Transplant rates are also presented excluding transplants from a living donor (Table B4D and Figures B1D-B3D). Please refer to the PSR Technical Methods documentation available at http://www.srtr.org for more detail regarding how expected rates are calculated.

The pre-transplant mortality rate (previously called the waiting list mortality rate) for candidates on the waiting list is presented in Table B5 and Figures B4-B6. These data are presented in the same way as the transplant rate data in the previous section. The intent of this table and figures is to describe risk of death once candidates are listed rather than while they are listed, but before they are transplanted. Therefore, time at risk and deaths after removal from the waiting list for reasons other than transplant, transfer to another transplant program, or recovery (no longer needing a transplant), and before any subsequent transplant, are included. As with transplant rates, mortality rates should be interpreted carefully taking into consideration the interval displayed in Figure B5. For a complete description of how observed and expected mortality rates are calculated, please refer to the technical documentation available at http://www.srtr.org.

Survival from listing is presented in Table B6 and Figures B7-B9. These data are presented in the same way as the pre-transplant mortality rate data in the previous section. The intent of this table and figures is to describe risk of death once candidates are listed rather than while they are listed, including after a transplant. As with transplant rates, mortality rates should be interpreted carefully taking into consideration the interval displayed in Figure B8. For a complete description of how observed and expected mortality rates are calculated, please refer to the technical documentation available at http://www.srtr.org.

Table B7 presents information on what happens to candidates on the waiting list by three different time points after listing: 6 months, 12 months, and 18 months. The table displays percentages of candidates who have died, been removed from the waiting list, been transplanted, or been transferred or lost-to-follow-up. Tables B8 and B9 provide more detail regarding how many candidates have received a deceased donor transplant by certain time points during the first 3 years after being put on the transplant waiting list. Each row of Tables B8 and B9 presents the percent of candidates who received a deceased donor transplant by each time point. Table B10 presents data on the time it took for different percentages of patients to be transplanted for candidates added to the list between 07/01/2017 and 12/31/2022. The time it took for 5% (the 5th percentile) of patients to receive a transplant at this program was 1.4 months. If "Not Observed" is displayed in the table, then too few candidates received transplants before 06/30/2023 to calculate a particular percentile of transplant times.

Table B11 contains a summary of the offer acceptance practices of the program. The offer acceptance ratio indicates whether the program is more or less likely to accept offers than the average program. If the offer acceptance ratio is greater than 1.0, then the program tends to accept more offers than average; if the offer acceptance ratio is less than 1.0, then the program tends to accept fewer offers than average. Figure B10 shows the distribution of program offer acceptance rates as well as the offer acceptance rate for this program. Figures B11 - B14 similarly show offer acceptance rates for subsets

The data reported here were prepared by the Scientific Registry of Transplant Recipients (SRTR) under contract with the Health Resources and Services Administration (HRSA). See COVID-19 Guide for pandemic-related follow-up limits.



REGISTRY OFCenter Code: NCCMTRANSPLANTTransplant Program (Organ): Kidney
Release Date: January 9, 2024RECIPIENTSBased on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

User Guide

of offers.

The Transplant Information section begins with descriptions of transplant recipients in Tables C1 and C2. Data on recipients of deceased donor transplants are presented (Tables C1D and C2D); if applicable, data on recipients of living donor transplants are presented separately (Tables C1L and C2L). Comparisons to the region and the nation as a whole are provided. A description of the deceased donors used at this program is provided in Table C3D, along with characteristics of living donors in Table C3L, if applicable. Finally, information on the transplant procedure for deceased and living donor transplants is presented in Tables C4D and C4L, respectively.

Starting with Table C5, transplant outcomes are presented along with comparisons to what would be expected at this program and what happened in the nation as a whole. Tables C5-C14 (tables C5-C10 for Pancreas) present information on graft survival (survival of the transplanted organ), with data presented separately for adult and pediatric recipients. Patients are followed from the time of transplant until either failure of the transplanted organ or death, whichever comes first. Please refer to the technical methods for more information on these calculations (http://www.srtr.org).

While Tables C5-C14 present data on graft survival, Tables C15-C20 (tables C11-C20 for Pancreas) present information on patient survival. For these tables, patients are followed from the time of transplant until death, regardless of whether the transplant is functioning or the patient required another transplant to survive.

Tables C21 and C22 summarize the multiorgan transplant outcomes at this program. The summary statistics in these tables are descriptive and are not risk-adjusted for different donor and candidate characteristics.

Table D1 shows the rates of follow-up for living donors.

Additional information regarding the technical methods and the risk adjustment models used to estimate expected event rates is available on the SRTR website at http://www.srtr.org. We welcome and encourage feedback on these reports. Please feel free to share feedback with the SRTR at the following e-mail: srtr@srtr.org.



REGISTRY OF Center Code: NCCM TRANSPLANT Polococo Doto: Japuany 0, 2024

Release Date: January 9, 2024 Based on Data Available: October 31, 2023 SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

Table of Contents

RECIPIENTS

Section	Page
COVID-19 Guide	i
User Guide	iii
A. Program Summary	
Program Summary	1
B. Waiting List Information	
Waiting list activity	2
Demographic characteristics of waiting list candidates	3
Medical characteristics of waiting list candidates	4
Transplant rates	5
Deceased donor transplant rates	6
Pre-transplant mortality rates (formerly called Waiting list mortality rates)	7
Patient survival from listing	8
Waiting list candidate status after listing	9
Percent of candidates with deceased donor transplants: demographic characteris	tics 10
Percent of candidates with deceased donor transplants: medical characteristics	11
Time to transplant for waiting list candidates	12
Offer acceptance practices	13
C. Transplant Information	
Deceased donor transplant recipient demographic characteristics	15
Living donor transplant recipient demographic characteristics	16
Deceased donor transplant recipient medical characteristics	17
Living donor transplant recipient medical characteristics	18
Deceased donor characteristics	19
Living donor characteristics	20
Deceased donor transplant characteristics	21
Living donor transplant characteristics	22
Graft survival	23
Patient survival	53
Multi-organ transplant graft survival	71
Multi-organ transplant patient survival	71
D. Living Donor Information	
Living donor follow-up summary	72

The data reported here were prepared by the Scientific Registry of Transplant Recipients (SRTR) under contract with the Health Resources and Services Administration (HRSA). See COVID-19 Guide for pandemic-related follow-up limits.

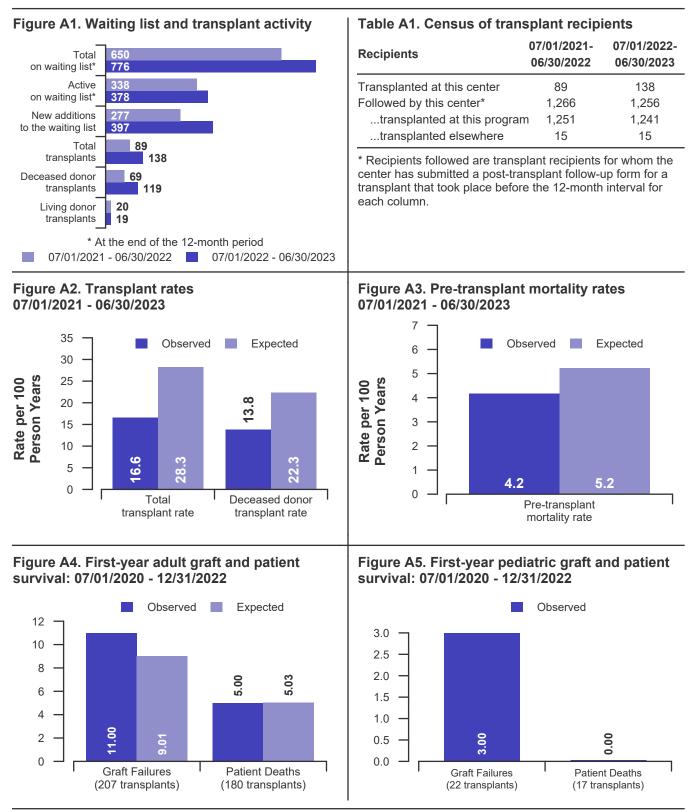


REGISTRY OF Ce TRANSPLANT Re RECIPIENTS Ba

Center Code: NCCM Transplant Program (Organ): Kidney Release Date: January 9, 2024 Based on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

A. Program Summary





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

B. Waiting List Information

Table B1. Waiting list activity summary: 07/01/2021 - 06/30/2023

		ts for enter	Activity for as percent o		
Waiting List Registrations	07/01/2021- 06/30/2022	07/01/2022- 06/30/2023	This Center (%)	OPTN Region (%)	U.S. (%)
On waiting list at start Additions	609	650	100.0	100.0	100.0
New listings at this center	277	397	61.1	53.4	47.4
Removals					
Transferred to another center	1	2	0.3	0.4	1.1
Received living donor transplant*	20	19	2.9	4.8	6.3
Received deceased donor transplant*	69	119	18.3	23.7	21.6
Died	18	20	3.1	4.4	4.4
Transplanted at another center	60	82	12.6	7.3	4.7
Deteriorated	32	15	2.3	5.4	4.9
Recovered	11	1	0.2	0.3	0.3
Other reasons	25	13	2.0	4.7	5.1
On waiting list at end of period	650	776	119.4	102.6	98.9

* These patients were removed from waiting list with removal code indicating transplant; this may not equal the number of transplants performed at this center during the specified period.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

B. Waiting List Information

Table B2. Demographic characteristics of waiting list candidates Candidates registered on the waiting list between 07/01/2022 and 06/30/2023

Demographic Characteristic		ting List Regi 022 to 06/30/2		All Waiting List Registrations on 06/30/2023 (%)			
	This Center (N=397)	OPTN Region (N=5,298)	U.S. (N=45,281)	This Center (N=776)	OPTN Region (N=10,168)	U.S. (N=94,494)	
All (%)	100.0	100.0	100.0	100.0	100.0	100.0	
Ethnicity/Race (%)*							
White	33.8	40.7	40.0	32.2	38.9	35.5	
African-American	51.9	49.6	30.5	51.2	52.2	31.3	
Hispanic/Latino	6.5	4.8	19.8	6.1	4.0	21.5	
Asian	4.5	3.1	8.0	4.5	3.0	9.9	
Other	3.3	1.9	1.7	6.1	1.9	1.8	
Unknown	0.0	0.0	0.0	0.0	0.0	0.0	
Age (%)							
<2 years	0.5	0.2	0.2	0.3	0.1	0.1	
2-11 years	2.0	0.7	0.9	1.0	0.5	0.6	
12-17 years	2.0	1.1	1.4	1.4	0.9	1.1	
18-34 years	8.3	9.2	10.1	8.4	9.2	9.6	
35-49 years	23.9	24.3	23.8	28.5	25.8	25.8	
50-64 years	42.8	41.5	41.1	43.4	44.0	43.8	
65-69 years	11.8	14.7	13.6	11.5	13.4	12.5	
70+ years	8.6	8.2	9.0	5.5	6.1	6.5	
Gender (%)							
Male	59.4	59.5	61.9	62.6	61.1	62.2	
Female	40.6	40.5	38.1	37.4	38.9	37.8	

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

B. Waiting List Information

Table B3. Medical characteristics of waiting list candidatesCandidates registered on the waiting list between 07/01/2022 and 06/30/2023

Medical Characteristic		ting List Regi 022 to 06/30/2		All Waiting List Registrations on 06/30/2023 (%)			
	This Center (N=397)	OPTN Region (N=5,298)	U.S. (N=45,281)	This Center (N=776)	OPTN Region (N=10,168)	U.S. (N=94,494)	
All (%)	100.0	100.0	100.0	100.0	100.0	100.0	
Blood Type (%)							
0	51.1	50.0	49.5	55.0	54.7	54.5	
A	29.7	31.6	31.7	25.3	26.3	26.8	
В	15.6	14.9	15.0	17.9	16.9	16.2	
AB	3.5	3.5	3.8	1.8	2.0	2.5	
Unknown	0.0	0.0	0.0	0.0	0.0	0.0	
Previous Transplant (%)							
Yes	11.8	12.2	12.4	14.6	13.8	13.4	
No	88.2	87.8	87.6	85.4	86.2	86.6	
Unknown	0.0	0.0	0.0	0.0	0.0	0.0	
Initial CPRA (%)							
0-9%	32.2	44.8	45.1	42.8	62.8	65.8	
10-79%	31.7	17.2	15.0	31.4	15.7	14.3	
80+%	12.8	8.5	7.5	15.1	8.3	7.0	
Unknown	23.2	29.5	32.3	10.7	13.1	13.0	
Primary Disease (%)*							
Glomerular Diseases	21.7	16.5	18.2	22.0	16.5	18.0	
Tubular and Interstitial Diseases	1.5	2.9	3.6	3.1	3.4	3.7	
Polycystic Kidneys	5.8	5.5	6.7	7.5	6.0	6.8	
Congenital, Familial, Metabolic	2.3	1.3	2.0	2.4	1.6	1.9	
Diabetes	33.5	37.7	35.2	33.8	38.7	37.2	
Renovascular & Vascular Diseases	s 0.0	0.1	0.1	0.0	0.1	0.1	
Neoplasms	0.3	0.5	0.5	0.3	0.3	0.4	
Hypertensive Nephrosclerosis	18.9	23.2	20.1	17.9	23.5	20.5	
Other	16.1	12.0	13.3	13.0	9.8	11.2	
Missing*	0.0	0.3	0.3	0.0	0.1	0.3	

* When "retransplant" is indicated, the primary disease is passed forward from the prior transplant in order to indicate the initial primary disease causing organ failure. "Missing" may include some patients for whom retransplant is indicated but no prior diagnosis can be found.



REGISTRY 약 TRANSPLANT

Center Code: NCCM Transplant Program (Organ): Kidney

Release Date: January 9, 2024 Based on Data Available: October 31, 2023 SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

B. Waiting List Information

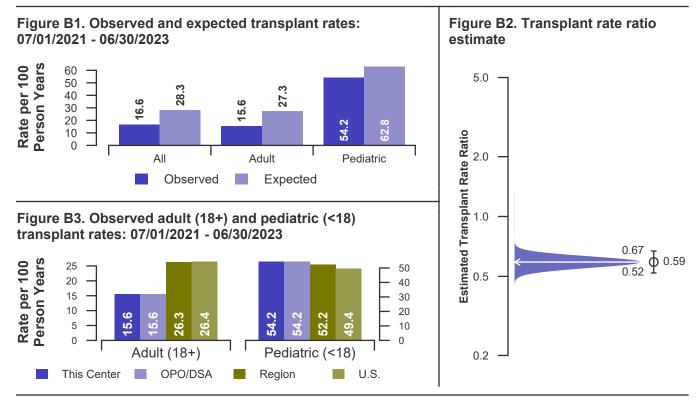
RECIPIENTS

Table B4. Transplant rates: 07/01/2021 - 06/30/2023

Waiting List Registrations	This Center	OPO/DSA	Region	U.S.
All Candidates				
Count on waiting list at start*	608	608	9,614	95,920
Person Years**	1,365.9	1,365.9	20,129.5	190,344.1
Removals for Transplant	227	227	5,380	51,007
Adult (18+) Candidates				
Count on waiting list at start*	596	596	9,471	94,262
Person Years**	1,329.0	1,329.0	19,813.5	186,898.2
Removals for transpant	207	207	5,215	49,303
Pediatric (<18) Candidates				
Count on waiting list at start*	12	12	143	1,658
Person Years**	36.9	36.9	316.0	3,446.0
Removals for transplant	20	20	165	1,704

* Counts in this table may be lower than similar counts in other waiting list tables, such as Table B1. A small percentage (~1%) of patients are found to have died or been transplanted before being removed from the waiting list, so these patients are excluded if the event occurs prior to the start of the study period. Inactive time on the waiting list is included in the calculations for this table.

** Person years are calculated as days (converted to fractional years). The number of days from July 1 or from the date of first wait listing until death, transplant, removal from the waiting list or June 30.





REGISTRY ≌ TRANSPLANT RECIPIENTS

Center Code: NCCM Transplant Program (Organ): Kidney Release Date: January 9, 2024 Based on Data Available: October 31, 2023 SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

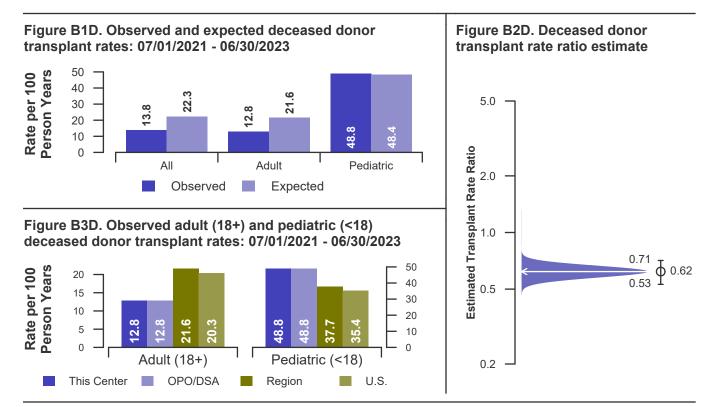
B. Waiting List Information

Table B4D. Deceased donor transplant rates: 07/01/2021 - 06/30/2023

Waiting List Registrations	This Center	OPO/DSA	Region	U.S.
All Candidates				
Count on waiting list at start*	608	608	9,614	95,920
Person Years**	1,365.9	1,365.9	20,129.5	190,344.1
Removals for Transplant	188	188	4,389	39,192
Adult (18+) Candidates				
Count on waiting list at start*	596	596	9,471	94,262
Person Years**	1,329.0	1,329.0	19,813.5	186,898.2
Removals for transpant	170	170	4,270	37,972
Pediatric (<18) Candidates				
Count on waiting list at start*	12	12	143	1,658
Person Years**	36.9	36.9	316.0	3,446.0
Removals for transplant	18	18	119	1,220

* Counts in this table may be lower than similar counts in other waiting list tables, such as Table B1. A small percentage (~1%) of patients are found to have died or been transplanted before being removed from the waiting list, so these patients are excluded if the event occurs prior to the start of the study period. Inactive time on the waiting list is included in the calculations for this table.

** Person years are calculated as days (converted to fractional years). The number of days from July 1 or from the date of first wait listing until death, transplant, removal from the waiting list or June 30.





REGISTRY º C TRANSPLANT RECIPIENTS E

Center Code: NCCM Transplant Program (Organ): Kidney Release Date: January 9, 2024 Based on Data Available: October 31, 2023 SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

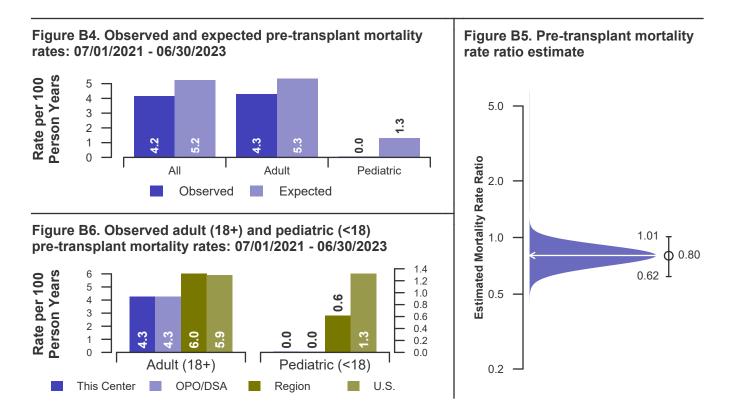
B. Waiting List Information

Table B5. Pre-transplant mortality rates: 07/01/2021 - 06/30/2023

Waiting List Registrations	This Center	OPO/DSA	Region	U.S.
All Candidates				
Count on waiting list at start*	608	608	9,614	95,920
Person Years**	1,441.1	1,441.1	21,686.4	206,669.1
Number of deaths	60	60	1,284	12,027
Adult (18+) Candidates				
Count on waiting list at start*	596	596	9,471	94,262
Person Years**	1,404.2	1,404.2	21,360.9	203,095.3
Number of deaths	60	60	1,282	11,980
Pediatric (<18) Candidates				
Count on waiting list at start*	12	12	143	1,658
Person Years**	36.9	36.9	325.5	3,573.8
Number of deaths	0	0	2	47

* Counts in this table may be lower than similar counts in other waiting list tables, such as Table B1. A small percentage (~1%) of patients are found to have died or been transplanted before being removed from the waiting list, so these patients are excluded if the event occurs prior to the start of the study period. Inactive time on the waiting list is included in the calculations for this table.

** Person years are calculated as days (converted to fractional years). The number of days from July 1 or from the date of first wait listing until death, transplant, 60 days after recovery, transfer or June 30.





REGISTRY OF Center Code: NCCM Transplant Program (Release Date: Janua Based on Data Availa

Transplant Program (Organ): Kidney Release Date: January 9, 2024 Based on Data Available: October 31, 2023 SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

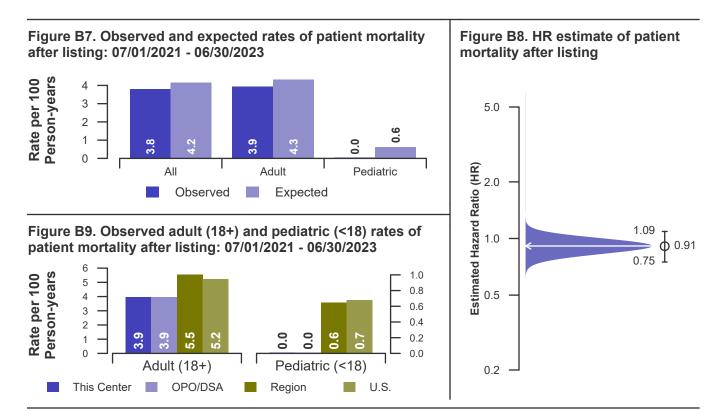
B. Waiting List Information

Table B6. Rates of patient mortality after listing: 07/01/2021 - 06/30/2023

Waiting List Registrations	This Center	OPO/DSA	Region	U.S.
All Patients				
Count at risk during the evaluation period	1,968	1,968	34,025	314,413
Person-years*	2,826.2	2,826.2	49,779.4	464,808.0
Number of Deaths	107	107	2,691	23,649
Adult (18+) Patients				
Count at risk during the evaluation period	1,887	1,887	33,242	305,285
Person-years*	2,711.6	2,711.6	48,538.3	450,734.0
Number of Deaths	107	107	2,683	23,554
Pediatric (<18) Patients				
Count at risk during the evaluation period	81	81	783	9,128
Person-years*	114.6	114.6	1,241.0	14,074.0
Number of Deaths	0	0	8	95

* Person-years are calculated as days (converted to fractional years). The number of days from 07/01/2021, or from the date of first wait listing until death, reaching 7 years after listing or June 30, 2023.

** Patient mortality after listing describes the relative survival experience of patients after listing. It depends on many factors, some of which are outside of the control of the transplant program. For example, availability of organs may not be the same in every part of the country.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

B. Waiting List Information

Table B7. Waiting list candidate status after listingCandidates registered on waiting list between 01/01/2021 and 12/31/2021

Waiting list status (survival status)		Center (Na ns Since L 12	,		U.S. (N=41,483) Months Since Listing 6 12 18			
Alive on waiting list (%)	86.0	73.8	64.2	73.8	60.1	49.7		
Died on the waiting list without transplant (%)	0.7	1.8	2.2	1.5	2.6	3.5		
Removed without transplant (%):								
Condition worsened (status unknown)	0.0	1.1	1.1	0.7	1.6	2.7		
Condition improved (status unknown)	0.0	0.4	0.4	0.1	0.2	0.3		
Refused transplant (status unknown)	0.0	0.0	0.0	0.0	0.1	0.1		
Other	0.4	1.8	2.6	0.8	1.7	2.9		
Transplant (living donor from waiting list only) (%):								
Functioning (alive)	2.2	3.3	3.7	5.3	8.5	7.2		
Failed-Retransplanted (alive)	0.0	0.0	0.0	0.0	0.0	0.0		
Failed-alive not retransplanted	0.0	0.0	0.0	0.0	0.0	0.0		
Died	0.0	0.0	0.4	0.0	0.1	0.1		
Status Yet Unknown**	0.4	0.4	1.1	0.1	0.3	3.4		
Transplant (deceased donor) (%):								
Functioning (alive)	6.3	8.9	8.9	15.1	19.2	15.7		
Failed-Retransplanted (alive)	0.0	0.0	0.0	0.0	0.0	0.0		
Failed-alive not retransplanted	0.0	0.0	0.0	0.1	0.1	0.1		
Died	0.0	0.0	0.0	0.4	0.8	1.1		
Status Yet Unknown*	4.1	8.1	15.1	1.9	4.3	12.5		
Lost or Transferred (status unknown) (%)	0.0	0.4	0.4	0.2	0.5	0.8		
TOTAL (%)	100.0	100.0	100.0	100.0	100.0	100.0		
Total % known died on waiting list or after transplant	0.7	1.8	2.6	1.9	3.4	4.7		
Total % known died or removed as unstable	0.7	3.0	3.7	2.5	5.0	7.3		
Total % removed for transplant	12.9	20.7	29.2	22.9	33.2	40.1		
Total % with known functioning transplant (alive)	8.5	12.2	12.5	20.4	27.7	22.9		

* Follow-up form covering specified time period not yet completed, and possibly has not become due.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

B. Waiting List Information

Table B8. Percent of candidates with deceased donor transplants: demographic characteristics Candidates registered on the waiting list between 07/01/2017 and 06/30/2020

Characteristic	Percent transplanted at time periods since listing This Center United States									
onaraotenstio	Ν		1 year		3 years	s N				3 years
All	597	3.0	25.5	33.7	38.0	101,966	4.8	20.4	28.3	34.3
Ethnicity/Race*										
White	199	4.0	22.1	30.7	37.7	39,336	4.8	21.4	29.5	35.2
African-American	251	2.8	24.3	31.9	35.1	31,795	4.9	20.6	29.0	35.3
Hispanic/Latino	50	0.0	30.0	40.0	42.0	20,127	5.1	19.8	27.2	33.3
Asian	31	3.2	41.9	48.4	51.6	8,708	3.0	15.3	22.5	28.5
Other	66	3.0	28.8	37.9	40.9	2,000	6.2	24.2	32.1	37.8
Unknown	0					0				
Age										
<2 years	0					113	7.1	39.8	61.9	73.5
2-11 years	4	0.0	50.0	75.0	75.0	795	7.2	49.6	66.7	73.8
12-17 years	10	0.0	40.0	50.0	60.0	1,432	7.4	46.6	59.9	65.0
18-34 years	61	4.9	41.0	47.5	50.8	9,879	4.9	22.5	32.3	40.4
35-49 years	210	2.9	26.7	34.3	40.0	24,886	4.5	20.0	28.2	34.7
50-64 years	249	3.6	21.7	30.1	33.7	43,195	4.8	18.8	26.1	31.9
65-69 years	54	0.0	14.8	25.9	27.8	13,952	4.5	19.3	26.5	31.9
70+ years	9	0.0	33.3	33.3	44.4	7,714	5.1	21.8	28.9	33.5
Gender										
Male	374	3.5	25.9	33.7	37.4	63,044	5.0	19.7	27.2	33.1
Female	223	2.2	24.7	33.6	39.0	38,922	4.5	21.5	30.2	36.4

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

B. Waiting List Information

 Table B9. Percent of candidates with deceased donor transplants: medical characteristics

 Candidates registered on the waiting list between 07/01/2017 and 06/30/2020

Characteristic	Percent transplanted at time periods since listing This Center United States						•			
	Ν	30 day	1 year	2 years	3 years	5 N	30 day	1 year	2 years	3 years
All	597	3.0	25.5	33.7	38.0	101,966	4.8	20.4	28.3	34.3
Blood Type										
0	307	2.3	19.9	26.7	30.6	50,773	4.2	17.2	24.0	29.5
A	175	5.1	37.1	50.3	55.4	31,813	6.0	24.7	34.3	41.2
В	91	0.0	16.5	22.0	24.2	15,507	3.3	17.6	25.0	30.8
AB	24	8.3	45.8	45.8	58.3	3,873	8.7	37.9	49.0	55.0
Previous Transplant										
Yes	74	4.1	21.6	25.7	32.4	13,464	3.2	19.2	28.0	34.0
No	523	2.9	26.0	34.8	38.8	88,502	5.0	20.6	28.4	34.4
Peak PRA/CPRA										
0-9%	366	3.0	28.7	37.4	42.3	80,298	5.1	20.0	27.5	33.5
10-79%	151	3.3	24.5	34.4	38.4	13,145	4.0	19.3	27.7	34.0
80+%	80	2.5	12.5	15.0	17.5	8,395	3.2	26.3	37.2	43.3
Unknown	0					1	100.0	100.0	100.0	100.0
Primary Disease*										
Glomerular Diseases	172	3.5	29.7	40.1	42.4	18,428	4.0	21.6	31.0	38.3
Tubular & Interstitial Diseases	20	5.0	25.0	30.0	35.0	3,883	6.0	22.7	29.8	35.5
Polycystic Kidneys	49	2.0	24.5	34.7	40.8	6,820	3.9	19.7	29.2	36.8
Congenital, Familial, Metabolic	14	14.3	35.7	35.7	50.0	1,944	5.1	31.3	42.5	49.7
Diabetes	173	1.7	16.2	23.1	27.2	37,915	3.4	15.9	22.4	27.4
Renovascular & Vascular Diseases	1	0.0	0.0	0.0	0.0	169	4.7	22.5	31.4	38.5
Neoplasms	2	0.0	50.0	50.0	50.0	339	7.7	28.6	38.9	42.2
Hypertensive Nephrosclerosis	73	4.1	24.7	31.5	37.0	20,490	5.3	21.5	29.9	36.7
Other	91	2.2	35.2	44.0	48.4	11,630	9.7	29.2	37.2	42.2
Missing*	2	0.0	0.0	0.0	50.0	348	2.0	9.5	17.5	22.7

* When "retransplant" is indicated, the primary disease is passed forward from the prior transplant in order to indicate the initial primary disease causing organ failure. "Missing" may include some patients for whom retransplant is indicated but no prior diagnosis can be found.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

B. Waiting List Information

Table B10. Time to transplant for waiting list candidates*Candidates registered on the waiting list between 07/01/2017 and 12/31/2022

		Months to 1	Fransplant**	
Percentile	Center	OPO/DSA	Region	U.S.
5th	1.4	1.4	0.8	0.7
10th	3.0	3	1.9	1.8
25th	9.1	9.1	7.5	7.6
50th (median time to transplant)	29.0	29.0	28.7	31.3
75th	Not Observed	Not Observed	Not Observed	Not Observed

* If cells contain "Not Observed" fewer than that percentile of patients had received a transplant. For example, the 50th percentile of time to transplant is the time when 50% of candidates have received transplants. If waiting times are long, then the 50th percentile may not be observed during the follow-up period for this table. Also, if more than 50% of candidates are removed from the list due to death or other reasons before receiving transplants, then the 50th percentile of time to transplant will not be observed.

** Censored on 06/30/2023. Calculated as the months after listing, during which the corresponding percent of all patients initially listed had received a transplant.



REGISTRY ºF TRANSPLANT

Center Code: NCCM Transplant Program (Organ): Kidney Release Date: January 9, 2024 Based on Data Available: October 31, 2023 SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

B. Waiting List Information

RECIPIENTS

Table B11. Offer Acceptance Practices: 07/01/2022 - 06/30/2023

Offers Acceptance Characteristics	This Center	OPO/DSA	Region	U.S.
Overall				
Number of Offers	16,858	16,858	318,017	3,093,430
Number of Acceptances	105	105	2,315	19,212
Expected Acceptances	189.4	189.4	2,369.3	19,211.3
Offer Acceptance Ratio*	0.56	0.56	0.98	1.00
95% Credible Interval**	[0.46, 0.67]			
Low-KDRI Donors (KDRI < 1.05)				
Number of Offers	1,924	1,924	28,947	403,899
Number of Acceptances	54	54	661	5,874
Expected Acceptances	54.8	54.8	592.3	5,881.4
Offer Acceptance Ratio*	0.99	0.99	1.12	1.00
95% Credible Interval**	[0.74, 1.26]			
Medium-KDRI Donors (1.05 < KDRI < 1.75)				
Number of Offers	12,836	12,836	218,013	1,972,323
Number of Acceptances	47	47	1,367	10,697
Expected Acceptances	120.5	120.5	1,459.7	10,689.1
Offer Acceptance Ratio*	0.40	0.40	0.94	1.00
95% Credible Interval**	[0.30, 0.52]			
High-KDRI Donors (KDRI > 1.75)				
Number of Offers	2,098	2,098	71,057	717,197
Number of Acceptances	4	4	287	2,639
Expected Acceptances	14.1	14.1	317.3	2,640.4
Offer Acceptance Ratio*	0.37	0.37	0.91	1.00
95% Credible Interval**	[0.14, 0.73]			
Hard-to-Place Kidneys (Over 100 Offers)				
Number of Offers	12,696	12,696	265,501	2,692,000
Number of Acceptances	1	1	353	3,554
Expected Acceptances	20.7	20.7	436.8	3,731.4
Offer Acceptance Ratio*	0.13	0.13	0.81	0.95
95% Credible Interval**	[0.03, 0.32]			

* The offer acceptance ratio estimates the relative offer acceptance practice of Carolinas Medical Center compared to the national offer acceptance practice. A ratio above one indicates the program accepts more offers compared to national offer acceptance practices (e.g., an offer acceptance ratio of 1.25 indicates a center accepts 25% more offers than is expected based on national offer acceptance practices), while a ratio below one indicates the program accepts fewer offers compared to national offer acceptance practices (e.g., an offer acceptance ratio of 0.75 indicates a center accepts 25% fewer offers than is expected based on national offer acceptance practices (e.g., an offer acceptance ratio of 0.75 indicates a center accepts 25% fewer offers than is expected based on national offer acceptance practices).

** As an example, the 95% Credible Interval for the overall offer acceptance ratio, [0.46, 0.67], indicates the location of NCCM's true offer acceptance ratio with 95% probability. The best estimate is 44% less likely to accept an offer compared to nationalacceptance behavior, but NCCM's performance could plausibly range from 54% reduced acceptance up to 33% reduced acceptance.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

B. Waiting List Information

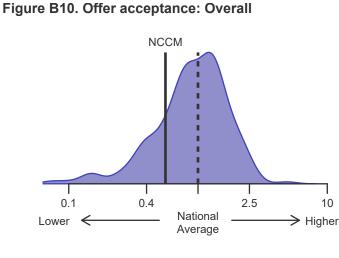


Figure B12. Offer acceptance: Medium-KDRI

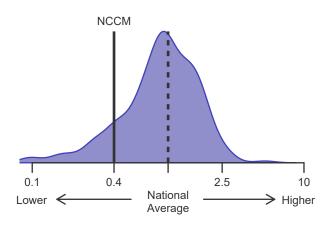


Figure B14. Offer acceptance: Offer number > 100

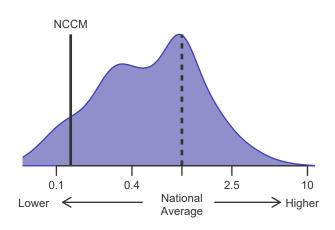


Figure B11. Offer acceptance: Low-KDRI

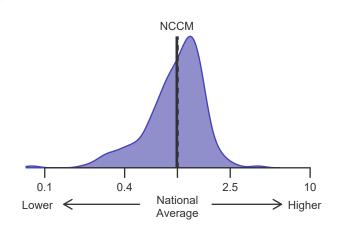
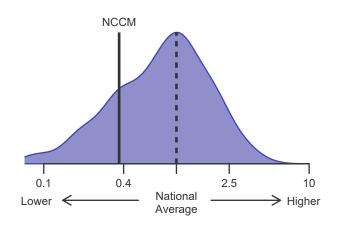


Figure B13. Offer acceptance: High-KDRI





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C1D. Deceased donor transplant recipient demographic characteristics Patients transplanted between 07/01/2022 and 06/30/2023

	Perce	Percentage in each category		
Characteristic	Center (N=119)	Region (N=2,354)	U.S. (N=20,676)	
Ethnicity/Race (%)*				
White	28.6	32.5	34.6	
African-American	44.5	56.3	34.2	
Hispanic/Latino	11.8	5.8	20.7	
Asian	4.2	3.4	8.7	
Other	10.9	2.0	1.8	
Unknown	0.0	0.0	0.0	
Age (%)				
<2 years	0.0	0.1	0.1	
2-11 years	2.5	1.0	1.0	
12-17	5.9	1.6	1.4	
18-34	13.4	8.5	9.6	
35-49 years	27.7	25.6	23.5	
50-64 years	32.8	39.8	39.5	
65-69 years	8.4	13.8	13.6	
70+ years	9.2	9.6	11.3	
Gender (%)				
Male	52.1	58.3	60.5	
Female	47.9	41.7	39.5	

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C1L. Living donor transplant recipient demographic characteristics Patients transplanted between 07/01/2022 and 06/30/2023

	Perce	Percentage in each category		
Characteristic	Center (N=19)	Region (N=482)	U.S. (N=6,069)	
Ethnicity/Race (%)*				
White	57.9	71.0	61.3	
African-American	26.3	18.5	12.3	
Hispanic/Latino	15.8	6.4	17.5	
Asian	0.0	3.5	7.5	
Other	0.0	0.6	1.4	
Unknown	0.0	0.0	0.0	
Age (%)				
<2 years	0.0	0.2	0.1	
2-11 years	5.3	2.3	1.7	
12-17	5.3	2.1	1.8	
18-34	0.0	14.7	15.2	
35-49 years	47.4	26.8	25.9	
50-64 years	31.6	37.6	35.3	
65-69 years	5.3	9.1	9.9	
70+ years	5.3	7.3	10.1	
Gender (%)				
Male	63.2	60.4	62.0	
Female	36.8	39.6	38.0	

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C2D. Deceased donor transplant recipient medical characteristicsPatients transplanted between 07/01/2022 and 06/30/2023

	Percentage in each category		
Characteristic	Center (N=119)	Region (N=2,354)	U.S. (N=20,676)
Blood Type (%)			
0	48.7	45.5	46.8
A	28.6	34.0	33.5
В	13.4	15.7	14.9
AB	9.2	4.8	4.8
Previous Transplant (%)			
Yes	12.6	12.1	12.3
No	87.4	87.9	87.7
Peak PRA/CPRA Prior to Transplant (%)			
0-9%	28.6	42.0	51.2
10-79%	31.9	28.9	23.7
80+ %	34.5	23.2	17.9
Unknown	5.0	5.9	7.2
Body Mass Index (%)			
0-20	10.9	6.4	8.9
21-25	25.2	24.8	27.3
26-30	31.9	30.2	31.0
31-35	24.4	25.6	21.4
36-40	7.6	11.5	8.5
41+	0.0	1.5	1.4
Unknown	0.0	0.1	1.6
Primary Disease (%)*			
Glomerular Diseases	29.4	16.8	20.3
Tubular and Interstitial Disease	0.0	2.9	3.8
Polycystic Kidneys	5.9	5.0	6.8
Congenital, Familial, Metabolic	3.4	2.5	2.4
Diabetes	29.4	33.9	30.8
Renovascular & Vascular Diseases	0.0	0.0	0.1
Neoplasms	0.8	0.6	0.5
Hypertensive Nephrosclerosis	16.0	28.5	23.3
Other Kidney	15.1	9.6	11.8
Missing*	0.0	0.2	0.3

* When "retransplant" is indicated, the primary disease is passed forward from the prior transplant in order to indicate the initial primary disease causing organ failure. "Missing" may include some patients for whom retransplant is indicated but no prior diagnosis can be found.

The data reported here were prepared by the Scientific Registry of Transplant Recipients (SRTR) under contract with the Health Resources and Services Administration (HRSA). See COVID-19 Guide for pandemic-related follow-up limits.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C2L. Living donor transplant recipient medical characteristics Patients transplanted between 07/01/2022 and 06/30/2023

	Perce	Percentage in each category		
Characteristic	Center (N=19)	Region (N=482)	U.S. (N=6,069)	
Blood Type (%)				
0	26.3	42.9	43.0	
A	63.2	41.1	38.3	
В	10.5	13.5	13.8	
AB	0.0	2.5	4.9	
Previous Transplant (%)				
Yes	10.5	8.7	11.2	
No	89.5	91.3	88.8	
Peak PRA/CPRA Prior to Transplant (%)				
0-9%	47.4	64.5	66.0	
10-79%	52.6	26.8	22.9	
80+ %	0.0	3.9	4.6	
Unknown	0.0	4.8	6.4	
Body Mass Index (%)				
0-20	21.1	15.1	12.5	
21-25	26.3	29.0	29.6	
26-30	42.1	28.0	29.3	
31-35	5.3	20.3	19.8	
36-40	0.0	6.0	7.3	
41+	5.3	1.5	1.1	
Unknown	0.0	0.0	0.3	
Primary Disease (%)*				
Glomerular Diseases	42.1	26.6	29.2	
Tubular and Interstitial Disease	5.3	6.6	4.6	
Polycystic Kidneys	15.8	11.4	11.5	
Congenital, Familial, Metabolic	10.5	3.9	3.3	
Diabetes	15.8	22.4	24.7	
Renovascular & Vascular Diseases	0.0	0.0	0.1	
Neoplasms	0.0	0.0	0.7	
Hypertensive Nephrosclerosis	5.3	19.1	15.0	
Other Kidney	5.3	9.8	10.4	
Missing*	0.0	0.2	0.4	

* When "retransplant" is indicated, the primary disease is passed forward from the prior transplant in order to indicate the initial primary disease causing organ failure. "Missing" may include some patients for whom retransplant is indicated but no prior diagnosis can be found.

The data reported here were prepared by the Scientific Registry of Transplant Recipients (SRTR) under contract with the Health Resources and Services Administration (HRSA). See COVID-19 Guide for pandemic-related follow-up limits.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C3D. Deceased donor characteristicsTransplants performed between 07/01/2022 and 06/30/2023

	Perce	Percentage in each category		
Donor Characteristic	Center (N=119)	Region (N=2,354)	U.S. (N=20,676)	
Cause of Death (%)				
Deceased: Stroke	16.8	20.6	20.6	
Deceased: MVA	13.4	12.5	12.7	
Deceased: Other	69.7	66.9	66.7	
Ethnicity/Race (%)*				
White	69.7	69.2	54.4	
African-American	10.9	17.5	14.6	
Hispanic/Latino	9.2	4.5	12.1	
Asian	0.0	1.2	2.8	
Other	0.0	0.8	1.3	
Not Reported	10.1	6.8	14.8	
Age (%)				
<2 years	0.0	0.5	0.6	
2-11 years	1.7	2.3	2.1	
12-17	5.0	2.5	3.5	
18-34	55.5	33.3	30.6	
35-49 years	27.7	36.4	34.9	
50-64 years	10.1	23.5	25.6	
65-69 years	0.0	1.2	2.2	
70+ years	0.0	0.3	0.5	
Gender (%)				
Male	68.9	64.6	64.2	
Female	31.1	35.4	35.8	
Blood Type (%)				
0	50.4	47.5	48.5	
A	35.3	37.6	36.2	
В	10.1	10.3	11.7	
AB	4.2	4.5	3.5	
Unknown	0.0	0.0	0.0	

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C3L. Living donor characteristicsTransplants performed between 07/01/2022 and 06/30/2023

	Perce	Percentage in each category		
Donor Characteristic	Center (N=19)	Region (N=482)	U.S. (N=6,069)	
Ethnicity/Race (%)*				
White	68.4	78.6	65.2	
African-American	10.5	10.6	7.1	
Hispanic/Latino	10.5	2.1	6.2	
Asian	0.0	2.3	5.2	
Other	5.3	1.2	1.8	
Not Reported	5.3	5.2	14.5	
Age (%)				
0-11 years	0.0	0.0	0.0	
12-17	0.0	0.0	0.0	
18-34	36.8	23.4	24.1	
35-49 years	36.8	41.5	38.3	
50-64 years	21.1	29.9	31.5	
65-69 years	5.3	4.4	4.5	
70+ years	0.0	0.8	1.5	
Gender (%)				
Male	42.1	36.9	36.8	
Female	57.9	63.1	63.2	
Blood Type (%)				
0	63.2	63.7	60.2	
A	36.8	29.3	29.1	
В	0.0	6.2	8.7	
AB	0.0	0.8	2.0	
Unknown	0.0	0.0	0.0	

* Race and ethnicity are reported together as a single data element, reflecting their data collection (either race or ethnicity is required, but not both). Patients formerly coded as white and Hispanic are coded as Hispanic. Race and ethnicity sum to 100%.



Center Code: NCCM

REGISTRY 약 Transplant Program (Organ): Kidney TRANSPLANT Release Date: January 9, 2024

Based on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

RECIPIENTS

Table C4D. Deceased donor transplant characteristics Transplants performed between 07/01/2022 and 06/30/2023

Transplants performed between 07/01/2022 and 06/30/2023	B Perce	Percentage in each category		
Transplant Characteristic	Center (N=119)	Region (N=2,354)	U.S. (N=20,676)	
Cold Ischemic Time (Hours): Local (%)				
Deceased: 0-11 hr	6.5	15.3	20.0	
Deceased: 12-21 hr	58.1	60.4	52.2	
Deceased: 22-31 hr	32.3	21.0	23.8	
Deceased: 32-41 hr	3.2	2.1	2.8	
Deceased: 42+ hr	0.0	1.0	0.6	
Not Reported	0.0	0.2	0.7	
Cold Ischemic Time (Hours): Shared (%)				
Deceased: 0-11 hr	1.1	6.5	8.2	
Deceased: 12-21 hr	61.4	56.4	48.8	
Deceased: 22-31 hr	34.1	31.6	33.5	
Deceased: 32-41 hr	3.4	4.8	7.3	
Deceased: 42+ hr	0.0	0.5	1.2	
Not Reported	0.0	0.3	1.0	
Level of Mismatch (%)	0.0	0.5	1.0	
A Locus Mismatches (%)	45.4	40.4	40.4	
0	15.1	13.1	12.1	
1	37.0	38.5	39.2	
2	47.9	48.4	48.5	
Not Reported	0.0	0.0	0.2	
B Locus Mismatches (%)				
0	10.1	8.2	6.9	
1	16.8	23.9	25.0	
2	73.1	67.9	67.9	
Not Reported	0.0	0.0	0.2	
DR Locus Mismatches (%)				
0	19.3	18.4	16.3	
1	47.9	48.3	47.4	
2	32.8	33.3	36.2	
– Not Reported	0.0	0.0	0.2	
Total Mismatches (%)	0.0	0.0	0.2	
0	6.7	5.8	4.6	
1	3.4	1.3	1.2	
2	4.2	5.0	4.6	
2 3	4.2	14.5		
4	23.5		14.3	
		26.8	27.7	
5	34.5	31.8	32.5	
6	16.0	14.8	15.1	
Not Reported	0.0	0.0	0.2	
Procedure Type (%)	aa <i>i</i>			
Single organ	89.1	95.3	94.0	
Multi organ	10.9	4.7	6.0	
Dialysis in First Week After Transplant (%)			_	
Yes	18.5	37.6	33.6	
No	81.5	62.4	66.0	
Not Reported	0.0	0.0	0.4	
Donor Location (%)				
Local Donation Service Area (DSA)	26.1	25.9	39.2	
Another Donation Service Area (DŚA)	73.9	74.1	60.8	
Median Time in Hospital After Transplant	5.0 Days	4.0 Days	5.0 Days	

The data reported here were prepared by the Scientific Registry of Transplant Recipients (SRTR) under contract with the Health Resources and Services Administration (HRSA).

See COVID-19 Guide for pandemic-related follow-up limits.



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C4L. Living donor transplant characteristicsTransplants performed between 07/01/2022 and 06/30/2023

	Percentage in each category		
Transplant Characteristic	Center (N=19)	Region (N=482)	U.S. (N=6,069)
Relation with Donor (%)			
Related	36.8	38.2	37.0
Unrelated	63.2	60.6	62.2
Not Reported	0.0	1.2	0.8
Level of Mismatch (%)			
A Locus Mismatches (%)			
0	21.1	19.3	16.2
1	47.4	47.1	47.7
2	31.6	33.2	32.2
Not Reported	0.0	0.4	3.9
B Locus Mismatches (%)			
0	10.5	9.3	9.5
1	15.8	42.3	40.1
2	73.7	47.9	46.5
Not Reported	0.0	0.4	3.9
DR Locus Mismatches (%)			
0	21.1	12.7	15.2
1	57.9	51.0	47.2
2	21.1	35.9	33.8
Not Reported	0.0	0.4	3.9
Total Mismatches (%)			
0	5.3	5.6	4.8
1	0.0	2.7	3.4
2	15.8	10.8	11.8
3	15.8	24.5	21.3
4	26.3	18.5	17.6
5	31.6	22.4	24.4
6	5.3	15.1	12.8
Not Reported	0.0	0.4	3.9
Procedure Type (%)			
Single organ	100.0	100.0	100.0
Multi organ	0.0	0.0	0.0
Dialysis in First Week After Transplant (%)			
Yes	0.0	2.5	2.6
No	100.0	97.5	97.2
Not Reported	0.0	0.0	0.2
Median Time in Hospital After Transplant	3.0 Days	3.0 Days	4.0 Days



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

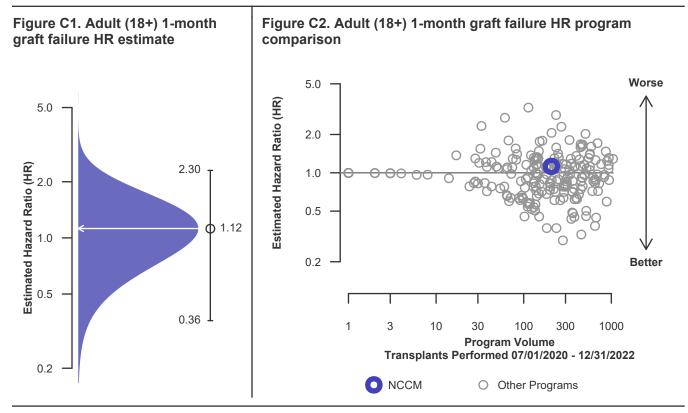
C. Transplant Information

Table C5. Adult (18+) 1-month survival with a functioning graftSingle organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	207	57,238
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	98.55% [96.94%-100.00%]	98.46% [98.36%-98.56%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	98.82%	
Number of observed graft failures (including deaths) during the first month after transplant	3	883
Number of expected graft failures (including deaths) during the first month after transplant	2.45	
Estimated hazard ratio*	1.12	
95% credible interval for the hazard ratio**	[0.36, 2.30]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.36, 2.30], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 12% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 64% reduced risk up to 130% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

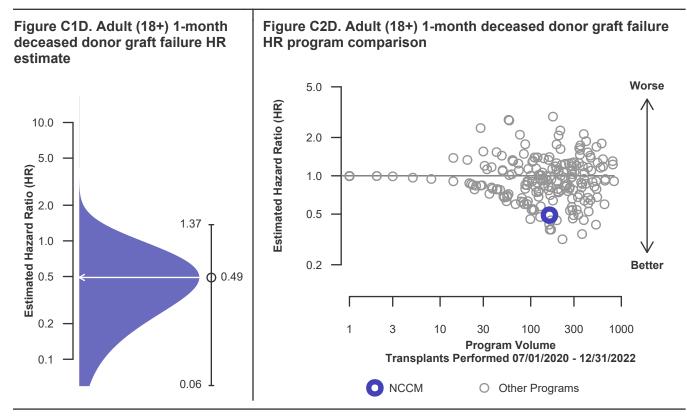
C. Transplant Information

Table C5D. Adult (18+) 1-month survival with a functioning deceased donor graftSingle organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	161	43,108
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	98.21% [98.09%-98.34%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	98.72%	
Number of observed graft failures (including deaths) during the first month after transplant	0	771
Number of expected graft failures (including deaths) during the first month after transplant	2.07	
Estimated hazard ratio*	0.49	
95% credible interval for the hazard ratio**	[0.06, 1.37]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.06, 1.37], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 51% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 94% reduced risk up to 37% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

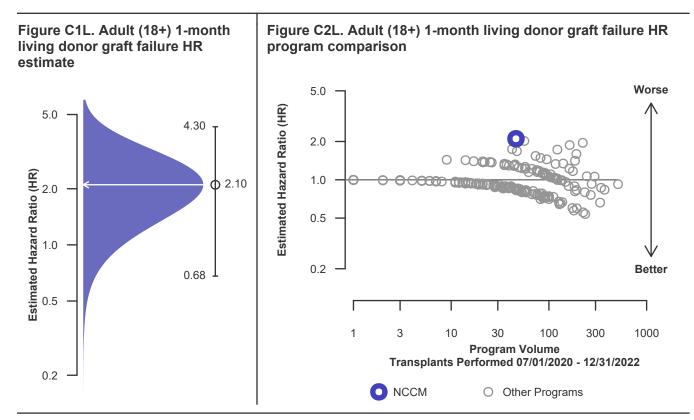
C. Transplant Information

Table C5L. Adult (18+) 1-month survival with a functioning living donor graftSingle organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	46	14,130
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	93.48% [86.61%-100.00%]	99.21% [99.06%-99.35%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	99.15%	
Number of observed graft failures (including deaths) during the first month after transplant	3	112
Number of expected graft failures (including deaths) during the first month after transplant	0.38	
Estimated hazard ratio*	2.10	
95% credible interval for the hazard ratio**	[0.68, 4.30]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.68, 4.30], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 110% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 32% reduced risk up to 330% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

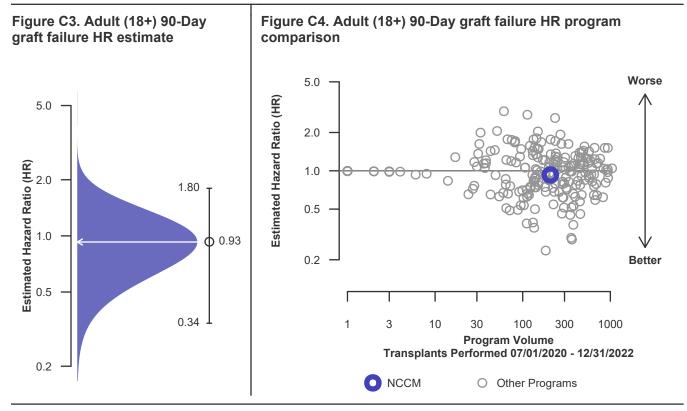
C. Transplant Information

Table C6. Adult (18+) 90-Day survival with a functioning graftSingle organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	207	57,238
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	98.07% [96.21%-99.96%]	97.19% [97.05%-97.32%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	97.85%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	4	1,609
Number of expected graft failures (including deaths) during the first 90 days after transplant	4.47	
Estimated hazard ratio*	0.93	
95% credible interval for the hazard ratio**	[0.34, 1.80]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.34, 1.80], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 7% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 66% reduced risk up to 80% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C6D. Adult (18+) 90-Day survival with a functioning deceased donor graftSingle organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	161	43,108
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	99.38% [98.17%-100.00%]	96.64% [96.47%-96.81%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	97.59%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	1	1,448
Number of expected graft failures (including deaths) during the first 90 days after transplant	3.93	
Estimated hazard ratio*	0.51	
95% credible interval for the hazard ratio**	[0.10, 1.22]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.10, 1.22], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 49% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 90% reduced risk up to 22% increased risk.

Figure C3D. Adult (18+) 90-Day Figure C4D. Adult (18+) 90-Day deceased donor graft failure deceased donor graft failure HR HR program comparison estimate Worse 5.0 Estimated Hazard Ratio (HR) 5.0 2.0 Estimated Hazard Ratio (HR) 1.0 2.0 0.5 1.22 1.0 C 0.2 Better ሰ 0.51 0.5 1 3 10 30 100 300 1000 0.2 **Program Volume** Transplants Performed 07/01/2020 - 12/31/2022 0.10 NCCM O Other Programs



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

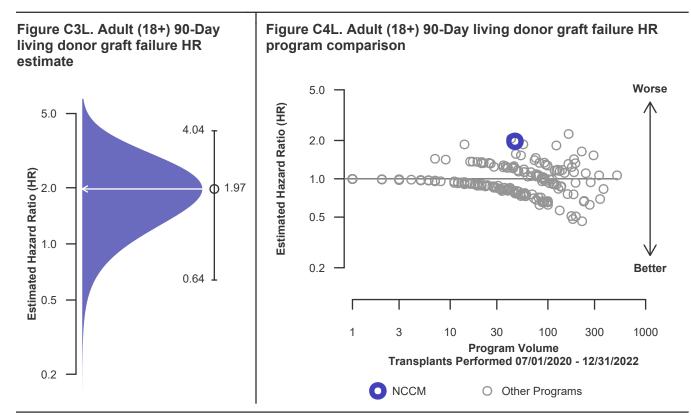
C. Transplant Information

Table C6L. Adult (18+) 90-Day survival with a functioning living donor graftSingle organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	46	14,130
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	93.48% [86.61%-100.00%]	98.86% [98.69%-99.04%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	98.77%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	3	161
Number of expected graft failures (including deaths) during the first 90 days after transplant	0.54	
Estimated hazard ratio*	1.97	
95% credible interval for the hazard ratio**	[0.64, 4.04]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.64, 4.04], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 97% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 36% reduced risk up to 304% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

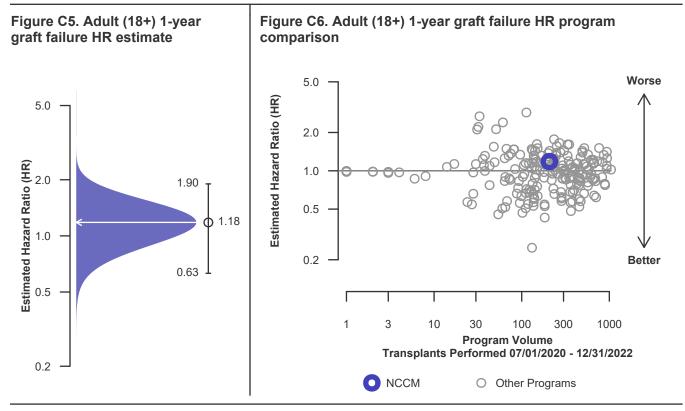
C. Transplant Information

Table C7. Adult (18+) 1-year survival with a functioning graftSingle organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	207	57,238
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	94.33% [91.12%-97.66%]	94.09% [93.89%-94.30%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	95.45%	
Number of observed graft failures (including deaths) during the first year after transplant	11	3,146
Number of expected graft failures (including deaths) during the first year after transplant	9.01	
Estimated hazard ratio*	1.18	
95% credible interval for the hazard ratio**	[0.63, 1.90]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.63, 1.90], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 18% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 37% reduced risk up to 90% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

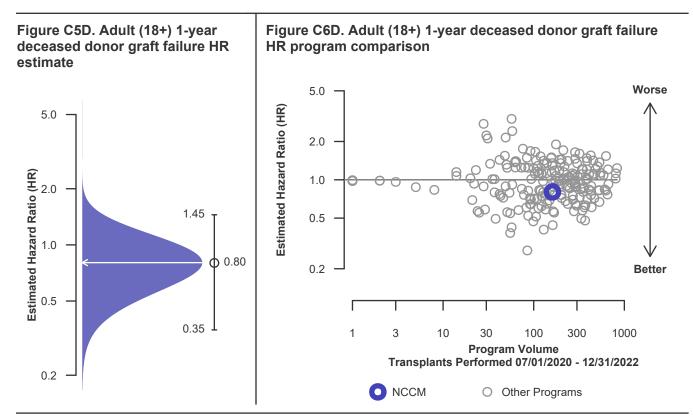
C. Transplant Information

Table C7D. Adult (18+) 1-year survival with a functioning deceased donor graft Single organ transplants performed between 07/01/2020 and 12/31/2022 Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	161	43,108
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	96.04% [92.97%-99.21%]	92.92% [92.67%-93.17%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	94.88%	
Number of observed graft failures (including deaths) during the first year after transplant	6	2,836
Number of expected graft failures (including deaths) during the first year after transplant	7.96	
Estimated hazard ratio*	0.80	
95% credible interval for the hazard ratio**	[0.35, 1.45]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.35, 1.45], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 20% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 65% reduced risk up to 45% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

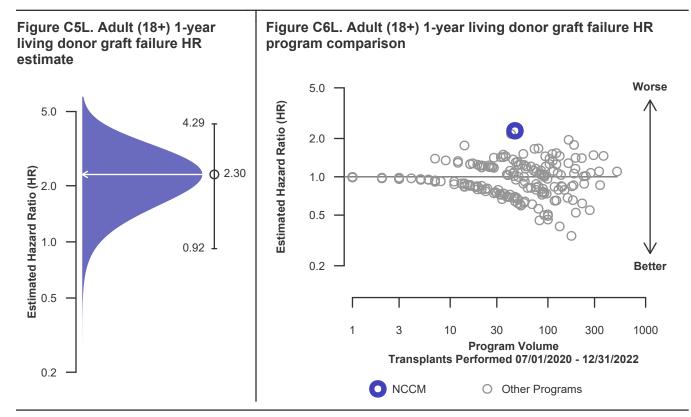
C. Transplant Information

Table C7L. Adult (18+) 1-year survival with a functioning living donor graftSingle organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	46	14,130
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	88.43% [79.34%-98.55%]	97.65% [97.39%-97.91%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	97.47%	
Number of observed graft failures (including deaths) during the first year after transplant	5	310
Number of expected graft failures (including deaths) during the first year after transplant	1.05	
Estimated hazard ratio*	2.30	
95% credible interval for the hazard ratio**	[0.92, 4.29]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.92, 4.29], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 130% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 8% reduced risk up to 329% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

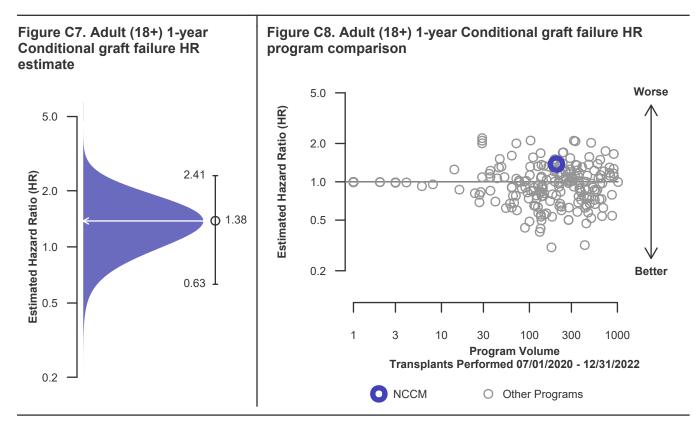
C. Transplant Information

Table C8. Adult (18+) 1-year Conditional survival with a functioning graft Single organ transplants performed between 07/01/2020 and 12/31/2022 Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	203	55,629
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [95% C	96.19% 94.71%-97.70%]	96.81% [96.74%-96.89%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	97.55%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	7	1,537
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	4.54	
Estimated hazard ratio*	1.38	
95% credible interval for the hazard ratio**	[0.63, 2.41]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.63, 2.41], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 38% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 37% reduced risk up to 141% increased risk.





RECISTRY OFCenter Code: NCCMTRANSPLANTTransplant Program (Organ): KidneyRECIPIENTSBased on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

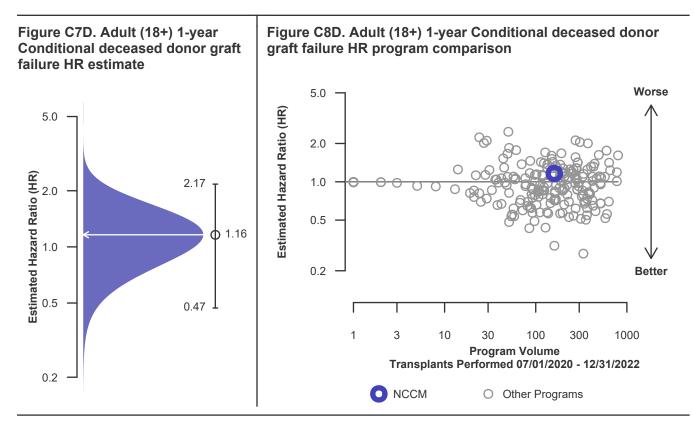
C. Transplant Information

Table C8D. Adult (18+) 1-year Conditional survival with a functioning deceased donor graft Single organ transplants performed between 07/01/2020 and 12/31/2022 Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	160	41,660
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [(unadjusted for patient and donor characteristics)	96.64% 94.70%-99.21%]	96.15% [96.06%-96.24%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	97.22%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	5	1,388
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	4.03	
Estimated hazard ratio*	1.16	
95% credible interval for the hazard ratio**	[0.47, 2.17]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.47, 2.17], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 16% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 53% reduced risk up to 117% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

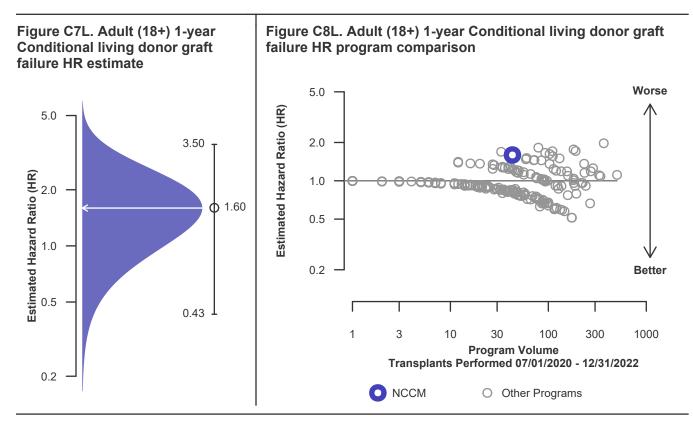
C. Transplant Information

Table C8L. Adult (18+) 1-year Conditional survival with a functioning living donor graft Single organ transplants performed between 07/01/2020 and 12/31/2022 Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	43	13,969
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [9] (unadjusted for patient and donor characteristics)	s 94.59% 91.61%-98.55%]	98.78% [98.69%-98.87%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	98.68%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	2	149
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	0.51	
Estimated hazard ratio*	1.60	
95% credible interval for the hazard ratio**	[0.43, 3.50]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.43, 3.50], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 60% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 57% reduced risk up to 250% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C9. Adult (18+) 3-year survival with a functioning graft

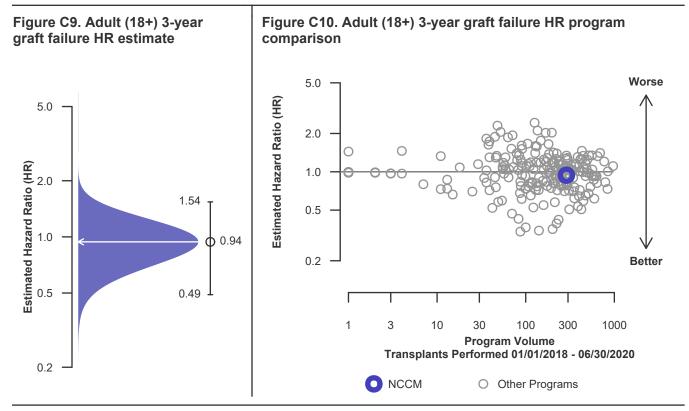
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Deaths and retransplants are considered graft failures

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	288	46,644
Estimated probability of surviving with a functioning graft at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	87.25% [72.22%-100.00%]	89.99% [89.01%-90.98%]
Expected probability of surviving with a functioning graft at 3 years (adjusted for patient and donor characteristics)	91.60%	
Number of observed graft failures (including deaths) during the first 3 years after transplant	10	2,201
Number of expected graft failures (including deaths) during the first 3 years after transplant	10.76	
Estimated hazard ratio*	0.94	
95% credible interval for the hazard ratio**	[0.49, 1.54]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.49, 1.54], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 6% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 51% reduced risk up to 54% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C9D. Adult (18+) 3-year survival with a functioning deceased donor graft

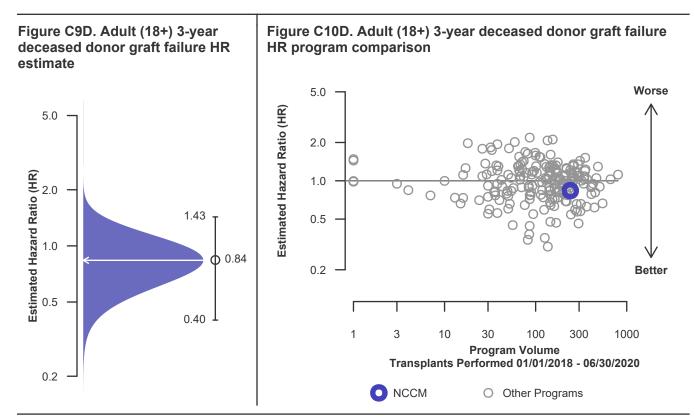
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Deaths and retransplants are considered graft failures

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	240	32,331
Estimated probability of surviving with a functioning graft at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	85.50% [67.72%-100.00%]	87.59% [86.33%-88.87%]
Expected probability of surviving with a functioning graft at 3 years (adjusted for patient and donor characteristics)	90.68%	
Number of observed graft failures (including deaths) during the first 3 years after transplant	8	1,898
Number of expected graft failures (including deaths) during the first 3 years after transplant	9.95	
Estimated hazard ratio*	0.84	
95% credible interval for the hazard ratio**	[0.40, 1.43]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.40, 1.43], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 16% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 60% reduced risk up to 43% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C9L. Adult (18+) 3-year survival with a functioning living donor graft

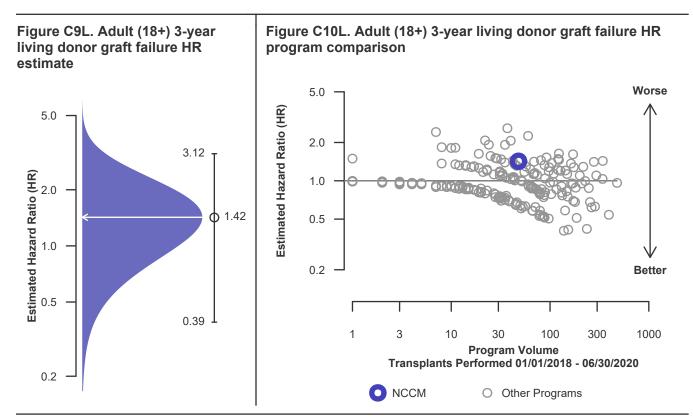
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Deaths and retransplants are considered graft failures

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

· · · · ·	NCCM	U.S.
Number of transplants evaluated	48	14,313
Estimated probability of surviving with a functioning graft at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	95.15% [88.77%-100.00%]	95.58% [94.34%-96.83%]
Expected probability of surviving with a functioning graft at 3 years (adjusted for patient and donor characteristics)	96.17%	
Number of observed graft failures (including deaths) during the first 3 years after transplant	2	303
Number of expected graft failures (including deaths) during the first 3 years after transplant	0.81	
Estimated hazard ratio*	1.42	
95% credible interval for the hazard ratio**	[0.39, 3.12]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.39, 3.12], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 42% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 61% reduced risk up to 212% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

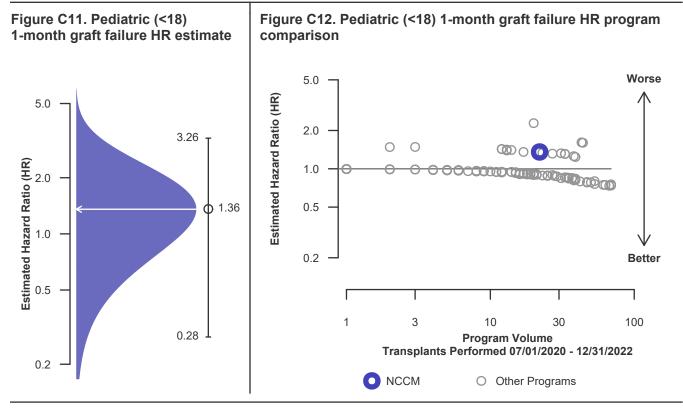
C. Transplant Information

Table C10. Pediatric (<18) 1-month survival with a functioning graft</th>Single organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	22	2,201
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	95.45% [87.14%-100.00%]	98.96% [98.53%-99.38%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	99.04%	
Number of observed graft failures (including deaths) during the first month after transplant	1	23
Number of expected graft failures (including deaths) during the first month after transplant	0.21	
Estimated hazard ratio*	1.36	
95% credible interval for the hazard ratio**	[0.28, 3.26]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.28, 3.26], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 36% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 72% reduced risk up to 226% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

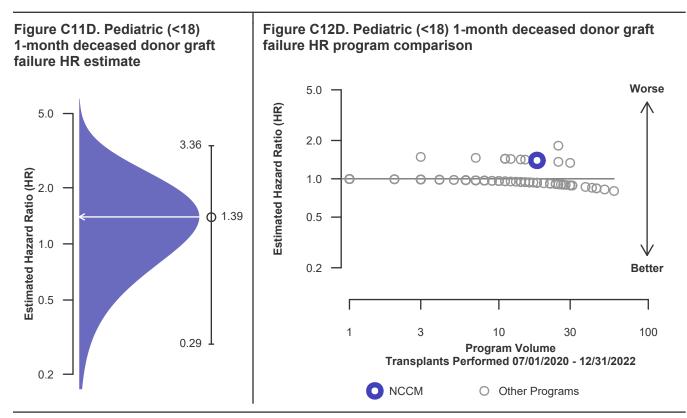
C. Transplant Information

Table C10D. Pediatric (<18) 1-month survival with a functioning deceased donor graft</th> Single organ transplants performed between 07/01/2020 and 12/31/2022 Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	18	1,559
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	94.44% [84.43%-100.00%]	99.17% [98.72%-99.62%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	99.17%	
Number of observed graft failures (including deaths) during the first month after transplant	1	13
Number of expected graft failures (including deaths) during the first month after transplant	0.15	
Estimated hazard ratio*	1.39	
95% credible interval for the hazard ratio**	[0.29, 3.36]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.29, 3.36], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 39% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 71% reduced risk up to 236% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

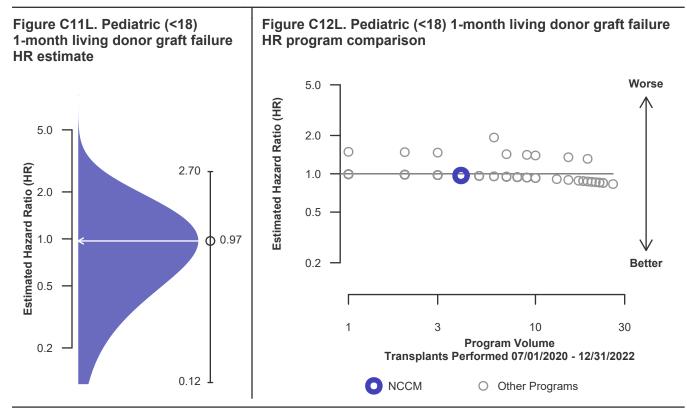
C. Transplant Information

Table C10L. Pediatric (<18) 1-month survival with a functioning living donor graft</th>Single organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	4	642
Estimated probability of surviving with a functioning graft at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	98.44% [97.49%-99.40%]
Expected probability of surviving with a functioning graft at 1 month (adjusted for patient and donor characteristics)	98.44%	
Number of observed graft failures (including deaths) during the first month after transplant	0	10
Number of expected graft failures (including deaths) during the first month after transplant	0.06	
Estimated hazard ratio*	0.97	
95% credible interval for the hazard ratio**	[0.12, 2.70]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.70], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 3% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 170% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

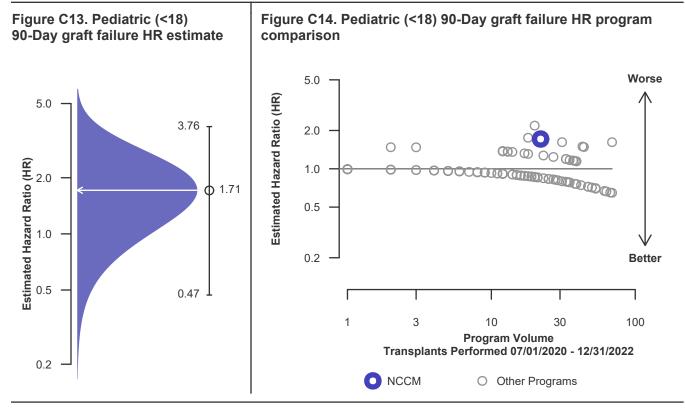
C. Transplant Information

Table C11. Pediatric (<18) 90-Day survival with a functioning graft</th>Single organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	22	2,201
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	90.91% [79.66%-100.00%]	98.41% [97.89%-98.93%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	98.43%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	2	35
Number of expected graft failures (including deaths) during the first 90 days after transplant	0.33	
Estimated hazard ratio*	1.71	
95% credible interval for the hazard ratio**	[0.47, 3.76]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.47, 3.76], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 71% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 53% reduced risk up to 276% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

REGISTRY OF

TRANSPLANT

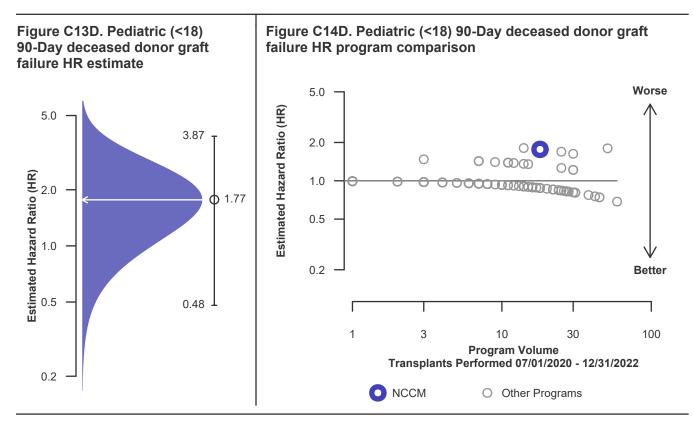
RECIPIENTS

Table C11D. Pediatric (<18) 90-Day survival with a functioning deceased donor graft</th>Single organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	18	1,559
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	88.89% [75.49%-100.00%]	98.46% [97.85%-99.07%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	98.46%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	2	24
Number of expected graft failures (including deaths) during the first 90 days after transplant	0.27	
Estimated hazard ratio*	1.77	
95% credible interval for the hazard ratio**	[0.48, 3.87]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.48, 3.87], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 77% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 52% reduced risk up to 287% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

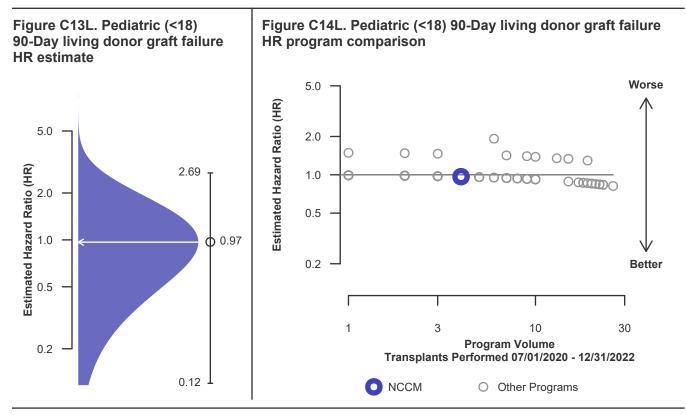
C. Transplant Information

Table C11L. Pediatric (<18) 90-Day survival with a functioning living donor graft</th>Single organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	4	642
Estimated probability of surviving with a functioning graft at 90 days & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	98.29% [97.29%-99.30%]
Expected probability of surviving with a functioning graft at 90 days (adjusted for patient and donor characteristics)	98.29%	
Number of observed graft failures (including deaths) during the first 90 days after transplant	0	11
Number of expected graft failures (including deaths) during the first 90 days after transplant	0.07	
Estimated hazard ratio*	0.97	
95% credible interval for the hazard ratio**	[0.12, 2.69]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.69], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 3% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 169% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

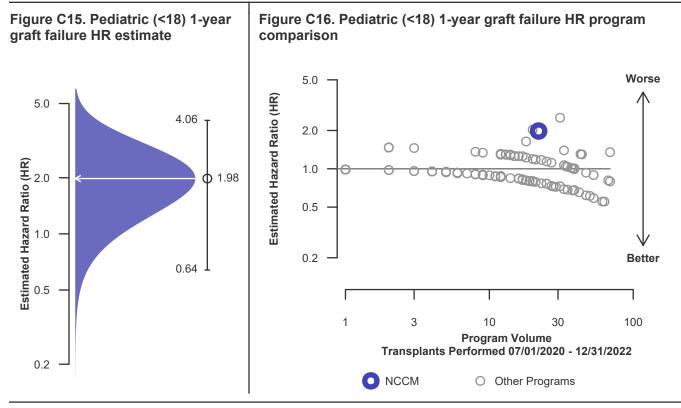
C. Transplant Information

Table C12. Pediatric (<18) 1-year survival with a functioning graft</th>Single organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	22	2,201
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	84.85% [70.23%-100.00%]	97.30% [96.60%-98.00%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	97.26%	
Number of observed graft failures (including deaths) during the first year after transplant	3	56
Number of expected graft failures (including deaths) during the first year after transplant	0.53	
Estimated hazard ratio*	1.98	
95% credible interval for the hazard ratio**	[0.64, 4.06]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.64, 4.06], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 98% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 36% reduced risk up to 306% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

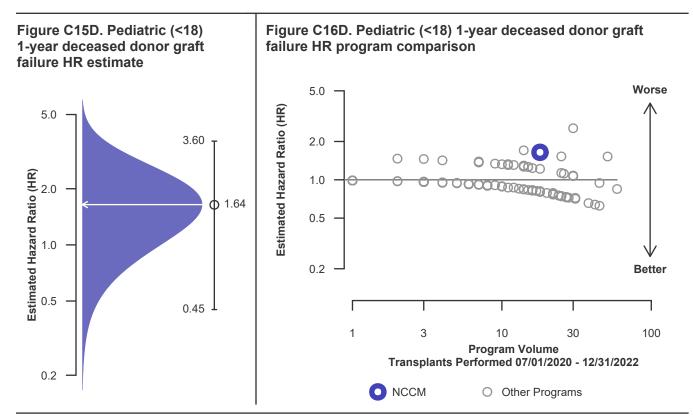
C. Transplant Information

Table C12D. Pediatric (<18) 1-year survival with a functioning deceased donor graft</th>Single organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	18	1,559
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	88.89% [75.49%-100.00%]	97.20% [96.36%-98.05%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	97.20%	
Number of observed graft failures (including deaths) during the first year after transplant	2	41
Number of expected graft failures (including deaths) during the first year after transplant	0.43	
Estimated hazard ratio*	1.64	
95% credible interval for the hazard ratio**	[0.45, 3.60]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.45, 3.60], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 64% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 55% reduced risk up to 260% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

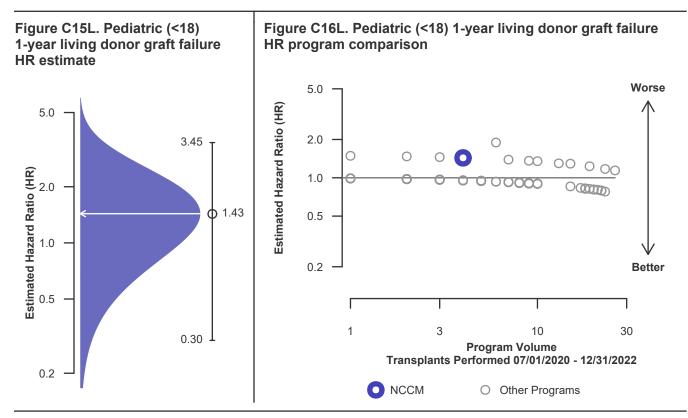
C. Transplant Information

Table C12L. Pediatric (<18) 1-year survival with a functioning living donor graft</th>Single organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	4	642
Estimated probability of surviving with a functioning graft at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	66.67% [29.95%-100.00%]	97.52% [96.29%-98.78%]
Expected probability of surviving with a functioning graft at 1 year (adjusted for patient and donor characteristics)	97.53%	
Number of observed graft failures (including deaths) during the first year after transplant	1	15
Number of expected graft failures (including deaths) during the first year after transplant	0.09	
Estimated hazard ratio*	1.43	
95% credible interval for the hazard ratio**	[0.30, 3.45]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.30, 3.45], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 43% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 70% reduced risk up to 245% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

REGISTRY OF

TRANSPLANT

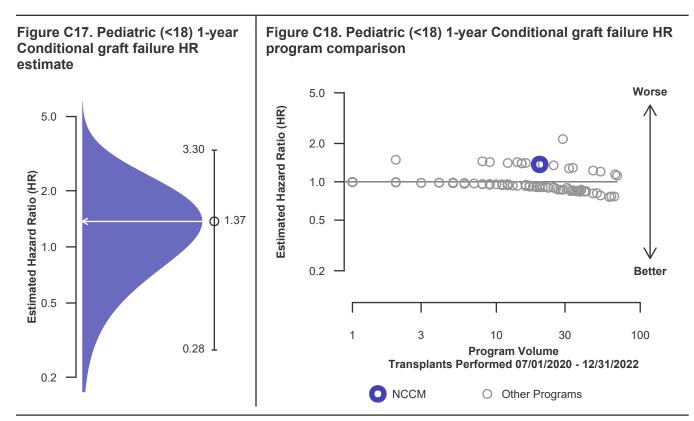
RECIPIENTS

Table C13. Pediatric (<18) 1-year Conditional survival with a functioning graft</th>Single organ transplants performed between 07/01/2020 and 12/31/2022Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	20	2,166
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [8 (unadjusted for patient and donor characteristics)	93.33% 8.17%-100.00%]	98.87% [98.68%-99.06%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	98.81%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	1	21
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	0.19	
Estimated hazard ratio*	1.37	
95% credible interval for the hazard ratio**	[0.28, 3.30]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.28, 3.30], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 37% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 72% reduced risk up to 230% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

REGISTRY OF

TRANSPLANT

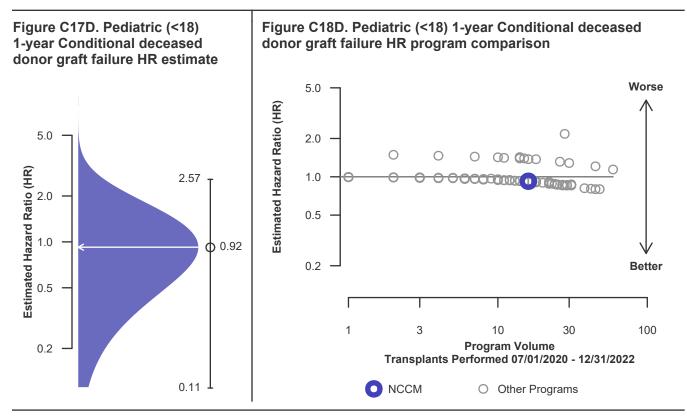
RECIPIENTS

Table C13D. Pediatric (<18) 1-year Conditional survival with a functioning deceased donor graft</th> Single organ transplants performed between 07/01/2020 and 12/31/2022 Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	16	1,535
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [10] (unadjusted for patient and donor characteristics)	100.00% 0.00%-100.00%]	98.72% [98.47%-98.97%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	98.72%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	0	17
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	0.17	
Estimated hazard ratio*	0.92	
95% credible interval for the hazard ratio**	[0.11, 2.57]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.11, 2.57], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 8% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 89% reduced risk up to 157% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

REGISTRY OF

TRANSPLANT

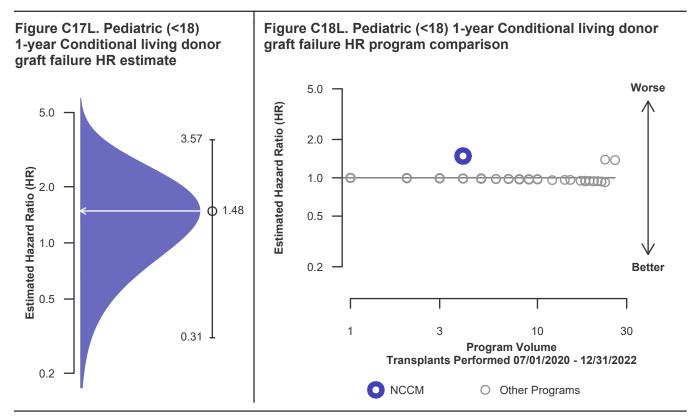
RECIPIENTS

Table C13L. Pediatric (<18) 1-year Conditional survival with a functioning living donor graft</th> Single organ transplants performed between 07/01/2020 and 12/31/2022 Deaths and retransplants are considered graft failures

	NCCM	U.S.
Number of transplants evaluated	4	631
Estimated probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 & [95% CI] [2 (unadjusted for patient and donor characteristics)	66.67% 9.95%-100.00%]	99.22% [98.97%-99.48%]
Expected probability of surviving with a functioning graft at 1 year, among patients with a functioning graft at day 90 (adjusted for patient and donor characteristics)	99.23%	
Number of observed graft failures (including deaths) from day 91 through day 365 after transplant	1	4
Number of expected graft failures (including deaths) from day 91 through day 365 after transplant	0.02	
Estimated hazard ratio*	1.48	
95% credible interval for the hazard ratio**	[0.31, 3.57]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.31, 3.57], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 48% higher risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 69% reduced risk up to 257% increased risk.





REGISTRY OFCenter Code: NCCMTRANSPLANTTransplant Program (Organ): KidneyRelease Date: January 9, 2024

Based on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

RECIPIENTS

Table C14. Pediatric (<18) 3-year survival with a functioning graft

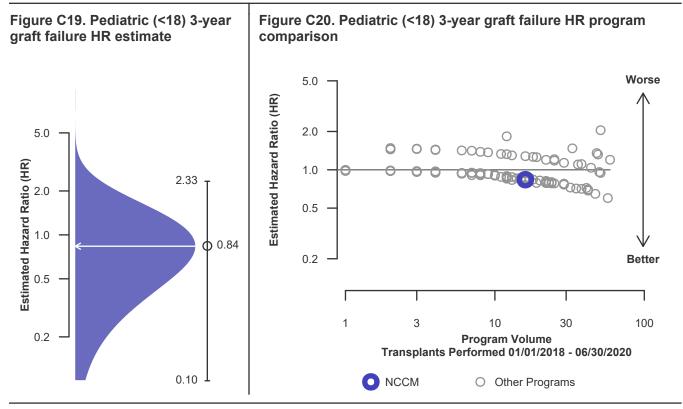
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Deaths and retransplants are considered graft failures

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	16	1,883
Estimated probability of surviving with a functioning graft at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	96.67% [95.47%-97.88%]
Expected probability of surviving with a functioning graft at 3 years (adjusted for patient and donor characteristics)	96.35%	
Number of observed graft failures (including deaths) during the first 3 years after transplant	0	41
Number of expected graft failures (including deaths) during the first 3 years after transplant	0.39	
Estimated hazard ratio*	0.84	
95% credible interval for the hazard ratio**	[0.10, 2.33]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.10, 2.33], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 16% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 90% reduced risk up to 133% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C14D. Pediatric (<18) 3-year survival with a functioning deceased donor graft

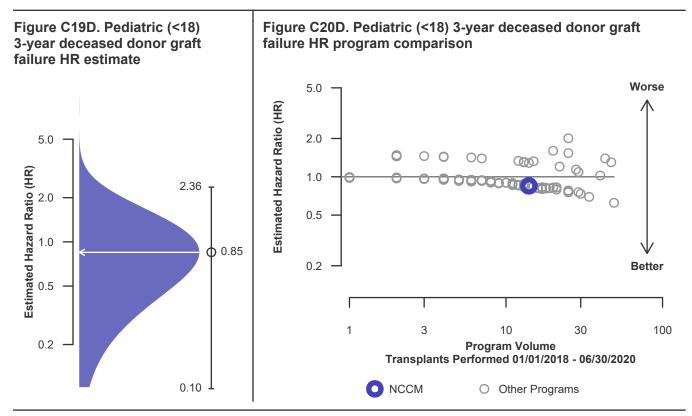
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Deaths and retransplants are considered graft failures

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	14	1,261
Estimated probability of surviving with a functioning graft at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	96.16% [94.49%-97.85%]
Expected probability of surviving with a functioning graft at 3 years (adjusted for patient and donor characteristics)	96.16%	
Number of observed graft failures (including deaths) during the first 3 years after transplant	0	30
Number of expected graft failures (including deaths) during the first 3 years after transplant	0.36	
Estimated hazard ratio*	0.85	
95% credible interval for the hazard ratio**	[0.10, 2.36]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.10, 2.36], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 15% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 90% reduced risk up to 136% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C14L. Pediatric (<18) 3-year survival with a functioning living donor graft

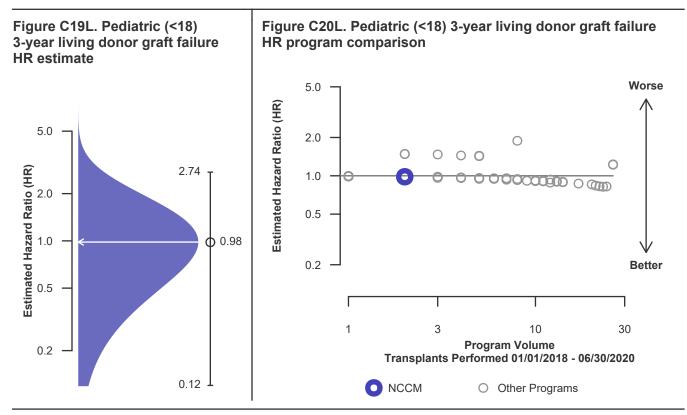
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Deaths and retransplants are considered graft failures

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	2	622
Estimated probability of surviving with a functioning graft at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	97.68% [96.27%-99.11%]
Expected probability of surviving with a functioning graft at 3 years (adjusted for patient and donor characteristics)	97.68%	
Number of observed graft failures (including deaths) during the first 3 years after transplant	0	11
Number of expected graft failures (including deaths) during the first 3 years after transplant	0.04	
Estimated hazard ratio*	0.98	
95% credible interval for the hazard ratio**	[0.12, 2.74]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected graft failure rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected graft failure rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's graft failure rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.74], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 2% lower risk of graft failure compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 174% increased risk.





SCIENTIFIC Carolinas Medical Center

REGISTRY OFCenter Code: NCCMTRANSPLANTTransplant Program (Organ): Kidney
Release Date: January 9, 2024RECIPIENTSBased on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

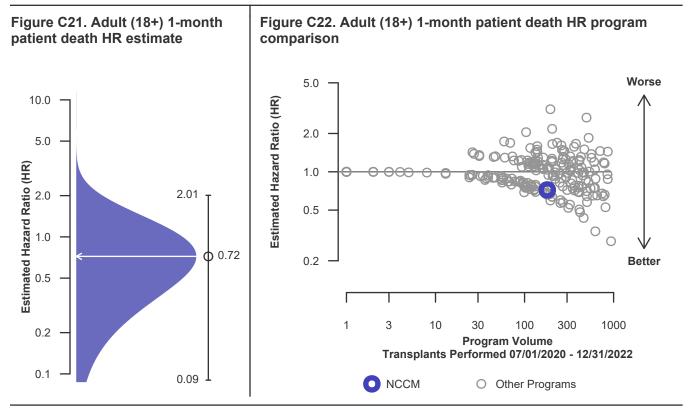
Table C15. Adult (18+) 1-month patient survival

Single organ transplants performed between 07/01/2020 and 12/31/2022 Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	180	51,321
Estimated probability of surviving at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	99.46% [99.39%-99.52%]
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	99.57%	
Number of observed deaths during the first month after transplant	0	279
Number of expected deaths during the first month after transplant	0.78	
Estimated hazard ratio*	0.72	
95% credible interval for the hazard ratio**	[0.09, 2.01]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.09, 2.01], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 28% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 91% reduced risk up to 101% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

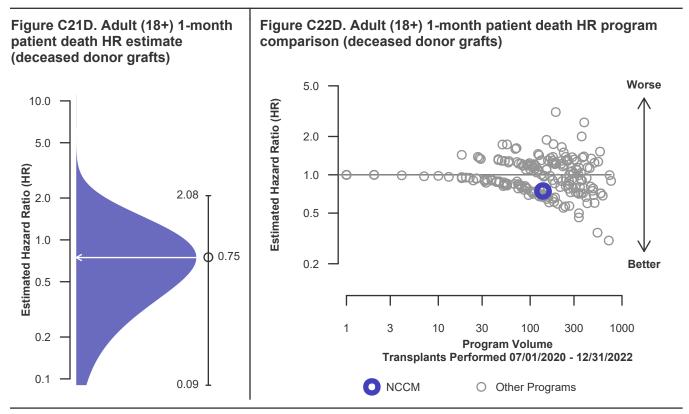
C. Transplant Information

Table C15D. Adult (18+) 1-month patient survival (deceased donor graft recipients) Single organ transplants performed between 07/01/2020 and 12/31/2022 Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	138	38,427
Estimated probability of surviving at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	99.35% [99.27%-99.43%]
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	99.51%	
Number of observed deaths during the first month after transplant	0	250
Number of expected deaths during the first month after transplant	0.68	
Estimated hazard ratio*	0.75	
95% credible interval for the hazard ratio**	[0.09, 2.08]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.09, 2.08], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 25% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 91% reduced risk up to 108% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

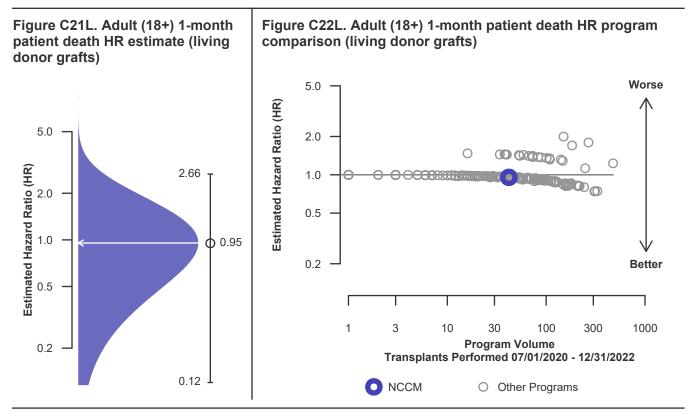
C. Transplant Information

Table C15L. Adult (18+) 1-month patient survival (living donor graft recipients) Single organ transplants performed between 07/01/2020 and 12/31/2022 Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	42	12,894
Estimated probability of surviving at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	99.78% [99.69%-99.86%]
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	99.77%	
Number of observed deaths during the first month after transplant	0	29
Number of expected deaths during the first month after transplant	0.10	
Estimated hazard ratio*	0.95	
95% credible interval for the hazard ratio**	[0.12, 2.66]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.66], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 5% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 166% increased risk.





SCIENTIFIC Carolinas Medical Center

REGISTRY OFCenter Code: NCCMTRANSPLANTTransplant Program (Organ): Kidney
Release Date: January 9, 2024RECIPIENTSBased on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

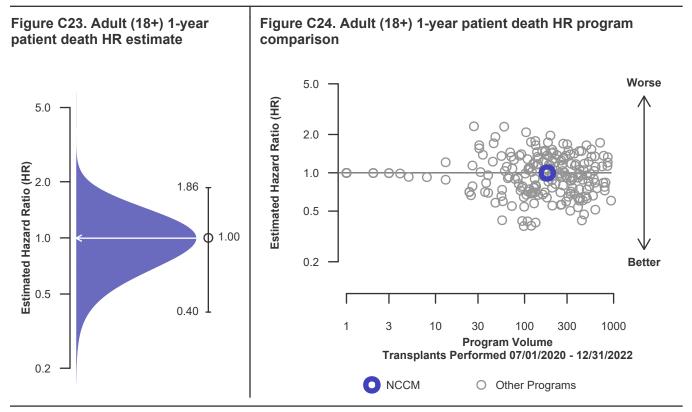
Table C16. Adult (18+) 1-year patient survival

Single organ transplants performed between 07/01/2020 and 12/31/2022 Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	180	51,321
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	97.03% [94.49%-99.64%]	96.27% [96.09%-96.44%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	97.03%	
Number of observed deaths during the first year after transplant	5	1,733
Number of expected deaths during the first year after transplant	5.03	
Estimated hazard ratio*	1.00	
95% credible interval for the hazard ratio**	[0.40, 1.86]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.40, 1.86], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 0% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 60% reduced risk up to 86% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

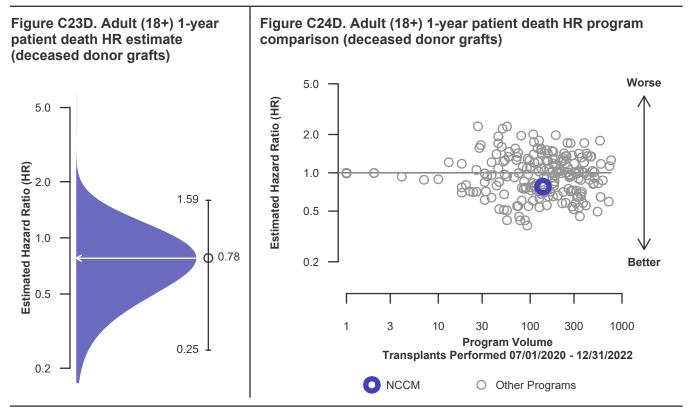
C. Transplant Information

Table C16D. Adult (18+) 1-year patient survival (deceased donor graft recipients) Single organ transplants performed between 07/01/2020 and 12/31/2022 Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	138	38,427
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	97.83% [95.42%-100.00%]	95.50% [95.28%-95.72%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	96.58%	
Number of observed deaths during the first year after transplant	3	1,561
Number of expected deaths during the first year after transplant	4.43	
Estimated hazard ratio*	0.78	
95% credible interval for the hazard ratio**	[0.25, 1.59]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.25, 1.59], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 22% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 75% reduced risk up to 59% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

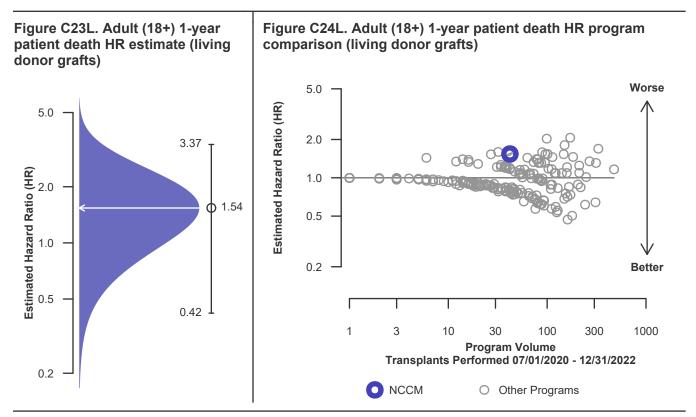
C. Transplant Information

Table C16L. Adult (18+) 1-year patient survival (living donor graft recipients)Single organ transplants performed between 07/01/2020 and 12/31/2022Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	42	12,894
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	94.59% [87.58%-100.00%]	98.54% [98.32%-98.76%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	98.53%	
Number of observed deaths during the first year after transplant	2	172
Number of expected deaths during the first year after transplant	0.60	
Estimated hazard ratio*	1.54	
95% credible interval for the hazard ratio**	[0.42, 3.37]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.42, 3.37], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 54% higher risk of patient death compared to an average program, but NCCM's performance could plausibly range from 58% reduced risk up to 237% increased risk.





SCIENTIFIC Carolinas Medical Center

REGISTRY OFCenter Code: NCCMTRANSPLANTTransplant Program (Organ): Kidney
Release Date: January 9, 2024RECIPIENTSBased on Data Available: October 31, 2023

SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C17. Adult (18+) 3-year patient survival

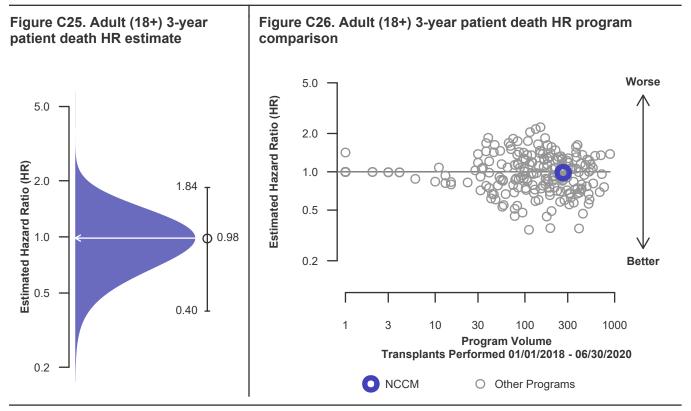
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Retransplants excluded

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	267	41,537
Estimated probability of surviving at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	87.69% [71.19%-100.00%]	92.98% [91.96%-94.02%]
Expected probability of surviving at 3 years (adjusted for patient and donor characteristics)	94.60%	
Number of observed deaths during the first 3 years after transplant	5	1,094
Number of expected deaths during the first 3 years after transplant	5.11	
Estimated hazard ratio*	0.98	
95% credible interval for the hazard ratio**	[0.40, 1.84]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.40, 1.84], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 2% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 60% reduced risk up to 84% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C17D. Adult (18+) 3-year patient survival (deceased donor graft recipients)

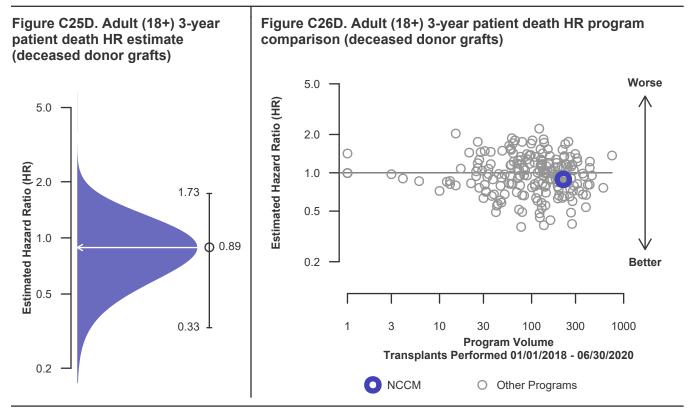
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Retransplants excluded

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	221	28,569
Estimated probability of surviving at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	85.32% [65.54%-100.00%]	91.06% [89.72%-92.42%]
Expected probability of surviving at 3 years (adjusted for patient and donor characteristics)	93.87%	
Number of observed deaths during the first 3 years after transplant	4	960
Number of expected deaths during the first 3 years after transplant	4.76	
Estimated hazard ratio*	0.89	
95% credible interval for the hazard ratio**	[0.33, 1.73]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.33, 1.73], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 11% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 67% reduced risk up to 73% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C17L. Adult (18+) 3-year patient survival (living donor graft recipients)

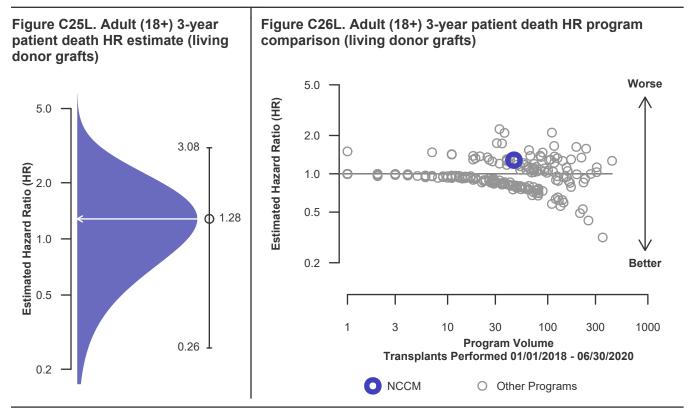
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Retransplants excluded

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	46	12,968
Estimated probability of surviving at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	97.22% [92.00%-100.00%]	97.46% [96.34%-98.60%]
Expected probability of surviving at 3 years (adjusted for patient and donor characteristics)	98.12%	
Number of observed deaths during the first 3 years after transplant	1	134
Number of expected deaths during the first 3 years after transplant	0.35	
Estimated hazard ratio*	1.28	
95% credible interval for the hazard ratio**	[0.26, 3.08]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.26, 3.08], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 28% higher risk of patient death compared to an average program, but NCCM's performance could plausibly range from 74% reduced risk up to 208% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

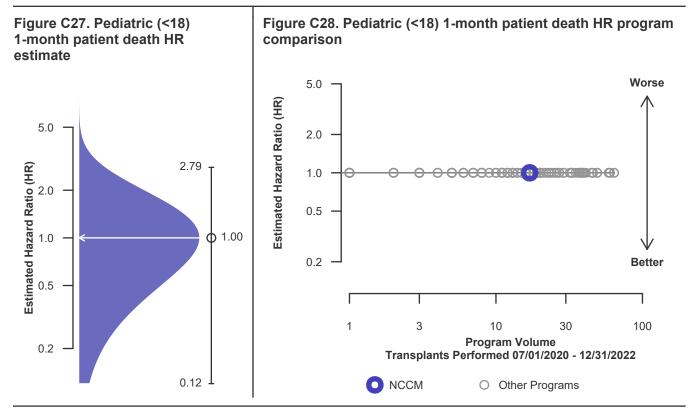
Table C18. Pediatric (<18) 1-month patient survival

Single organ transplants performed between 07/01/2020 and 12/31/2022 Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	17	2,028
Estimated probability of surviving at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	100.00% [100.00%-100.00%
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	100.00%	
Number of observed deaths during the first month after transplant	0	0
Number of expected deaths during the first month after transplant	0.00	
Estimated hazard ratio*	1.00	
95% credible interval for the hazard ratio**	[0.12, 2.79]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.79], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 0% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 179% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

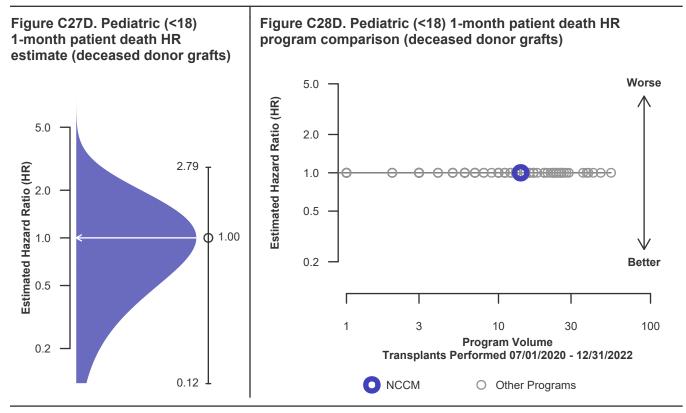
C. Transplant Information

Table C18D. Pediatric (<18) 1-month patient survival (deceased donor graft recipients)</th> Single organ transplants performed between 07/01/2020 and 12/31/2022 Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	14	1,421
Estimated probability of surviving at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	100.00% [100.00%-100.00%
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	100.00%	
Number of observed deaths during the first month after transplant	0	0
Number of expected deaths during the first month after transplant	0.00	
Estimated hazard ratio*	1.00	
95% credible interval for the hazard ratio**	[0.12, 2.79]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.79], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 0% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 179% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

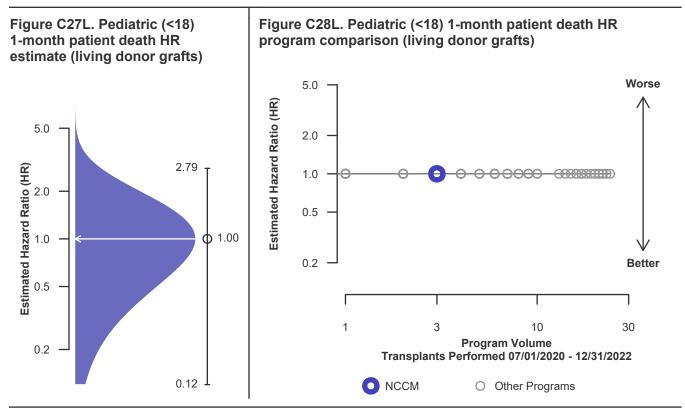
C. Transplant Information

Table C18L. Pediatric (<18) 1-month patient survival (living donor graft recipients) Single organ transplants performed between 07/01/2020 and 12/31/2022 Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	3	607
Estimated probability of surviving at 1 month & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	100.00% [100.00%-100.00%
Expected probability of surviving at 1 month (adjusted for patient and donor characteristics)	100.00%	
Number of observed deaths during the first month after transplant	0	0
Number of expected deaths during the first month after transplant	0.00	
Estimated hazard ratio*	1.00	
95% credible interval for the hazard ratio**	[0.12, 2.79]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.79], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 0% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 179% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

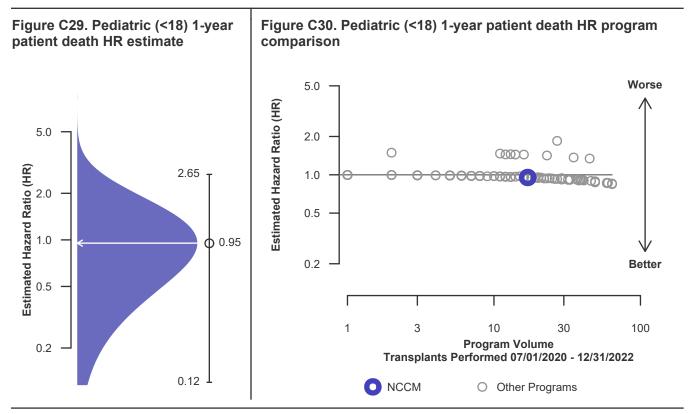
Table C19. Pediatric (<18) 1-year patient survival

Single organ transplants performed between 07/01/2020 and 12/31/2022 Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	17	2,028
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	99.40% [99.05%-99.76%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	99.37%	
Number of observed deaths during the first year after transplant	0	11
Number of expected deaths during the first year after transplant	0.10	
Estimated hazard ratio*	0.95	
95% credible interval for the hazard ratio**	[0.12, 2.65]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.65], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 5% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 165% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

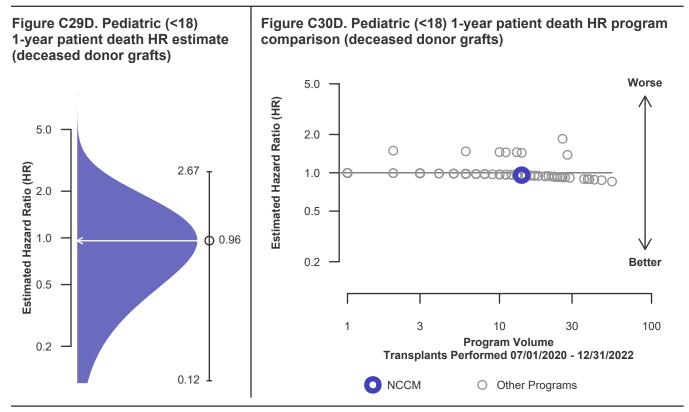
C. Transplant Information

Table C19D. Pediatric (<18) 1-year patient survival (deceased donor graft recipients)</th> Single organ transplants performed between 07/01/2020 and 12/31/2022 Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	14	1,421
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	99.32% [98.88%-99.77%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	99.32%	
Number of observed deaths during the first year after transplant	0	9
Number of expected deaths during the first year after transplant	0.09	
Estimated hazard ratio*	0.96	
95% credible interval for the hazard ratio**	[0.12, 2.67]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.67], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 4% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 167% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

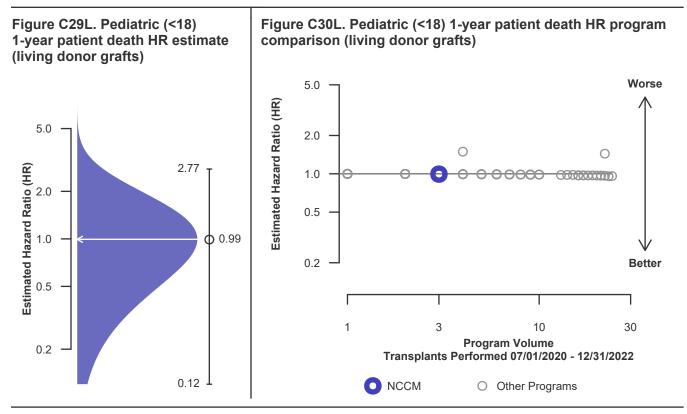
C. Transplant Information

Table C19L. Pediatric (<18) 1-year patient survival (living donor graft recipients)</th>Single organ transplants performed between 07/01/2020 and 12/31/2022Retransplants excluded

	NCCM	U.S.
Number of transplants evaluated	3	607
Estimated probability of surviving at 1 year & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	99.60% [99.04%-100.00%]
Expected probability of surviving at 1 year (adjusted for patient and donor characteristics)	99.60%	
Number of observed deaths during the first year after transplant	0	2
Number of expected deaths during the first year after transplant	0.01	
Estimated hazard ratio*	0.99	
95% credible interval for the hazard ratio**	[0.12, 2.77]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.77], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 1% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 177% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C20. Pediatric (<18) 3-year patient survival

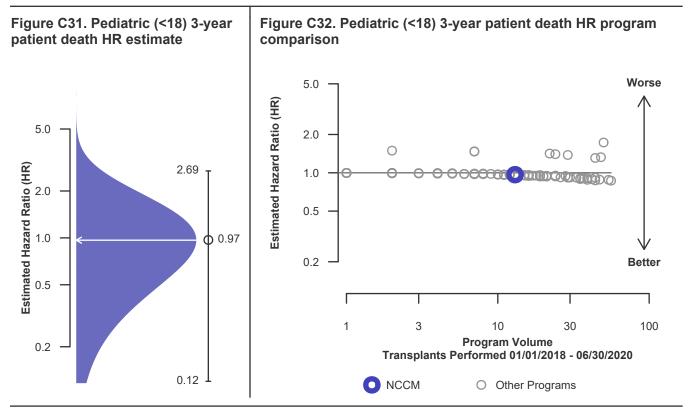
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Retransplants excluded

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	13	1,721
Estimated probability of surviving at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	99.16% [98.57%-99.74%]
Expected probability of surviving at 3 years (adjusted for patient and donor characteristics)	99.21%	
Number of observed deaths during the first 3 years after transplant	0	10
Number of expected deaths during the first 3 years after transplant	0.07	
Estimated hazard ratio*	0.97	
95% credible interval for the hazard ratio**	[0.12, 2.69]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.69], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 3% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 169% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C20D. Pediatric (<18) 3-year patient survival (deceased donor graft recipients)</th>

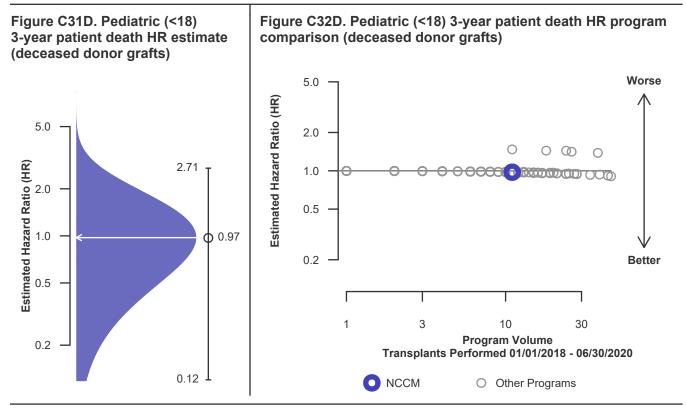
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Retransplants excluded

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	11	1,146
Estimated probability of surviving at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	99.25% [98.51%-100.00%]
Expected probability of surviving at 3 years (adjusted for patient and donor characteristics)	99.25%	
Number of observed deaths during the first 3 years after transplant	0	5
Number of expected deaths during the first 3 years after transplant	0.05	
Estimated hazard ratio*	0.97	
95% credible interval for the hazard ratio**	[0.12, 2.71]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.71], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 3% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 171% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C20L. Pediatric (<18) 3-year patient survival (living donor graft recipients)

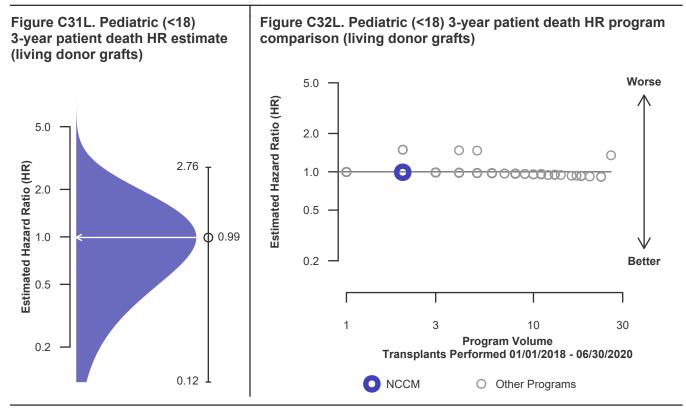
Single organ transplants performed between 01/01/2018 and 03/12/2020, and 06/13/2020 and 06/30/2020 Retransplants excluded

Follow-up ends on 3/12/2020 for recipients transplanted prior to 3/13/2020

	NCCM	U.S.
Number of transplants evaluated	2	575
Estimated probability of surviving at 3 years & [95% CI] (unadjusted for patient and donor characteristics)	100.00% [100.00%-100.00%]	98.98% [98.05%-99.91%]
Expected probability of surviving at 3 years (adjusted for patient and donor characteristics)	98.98%	
Number of observed deaths during the first 3 years after transplant	0	5
Number of expected deaths during the first 3 years after transplant	0.02	
Estimated hazard ratio*	0.99	
95% credible interval for the hazard ratio**	[0.12, 2.76]	

* The hazard ratio provides an estimate of how Carolinas Medical Center's results compare with what was expected based on modeling the transplant outcomes from all U.S. programs. A ratio above 1 indicates higher than expected patient death rates (e.g., a hazard ratio of 1.5 would indicate 50% higher risk), and a ratio below 1 indicates lower than expected patient death rates (e.g., a hazard ratio of 0.75 would indicate 25% lower risk). If NCCM's patient death rate were precisely the expected rate, the estimated hazard ratio would be 1.0.

** The 95% credible interval, [0.12, 2.76], indicates the location of NCCM's true hazard ratio with 95% probability. The best estimate is 1% lower risk of patient death compared to an average program, but NCCM's performance could plausibly range from 88% reduced risk up to 176% increased risk.





SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

C. Transplant Information

Table C21. Multi-organ transplant graft survival: 07/01/2020 - 12/31/2022

Adult (18+) Transplants	First-Year Outcomes					
Transplant Type	Transp Perfor NCCM-TX1	med	Kidno Graft Fai NCCM-TX1		Estimated Graft Su NCCM-TX1	
Kidney-Heart Kidney-Liver Kidney-Pancreas	8 8 9	879 1,926 2.074	1 0	123 217 89	87.5% 100.0% 100.0%	86.0% 88.7% 95.7%
Kidney-Pancreas	9	2,074	0	89	100.0%	95.7%

Pediatric (<18) Transplants

No pediatric (<18) multi-organ transplants were performed

Table C22. Multi-organ transplant patient survival: 07/01/2020 - 12/31/2022

Adult (18+) Transplants	First-Year Outcomes					
Transplant Type	Transp Perfor NCCM-TX1	med	Patient D NCCM-TX1	eaths USA	Estima Patient S NCCM-TX1	urvival
Kidney-Heart Kidney-Liver Kidney-Pancreas	8 8 9	879 1,926 2,074	0 0 0	91 174 62	100.0% 100.0% 100.0%	89.6% 91.0% 97.0%

Pediatric (<18) Transplants

No pediatric (<18) multi-organ transplants were performed



SRTR Program-Specific Report Feedback?: SRTR@SRTR.org 1.877.970.SRTR (7787) http://www.srtr.org

D. Living Donor Information

Table D1. Living donor summary: 07/01/2020 - 06/30/2023

	This Center		United States			
Living Donor Follow-Up	07/2020- 06/2021	07/2021- 06/2022	07/2022- 12/2022	07/2020- 06/2021	07/2021- 06/2022	07/2022- 12/2022
Number of Living Donors	23	20	7	5,909	5,871	2,995
6-Month Follow-Up Donors due for follow-up	16	20	6	4,386	5,870	2,447
Timely clinical data	15 93.8%	20 100.0%	6 100.0%	3,853 87.8%	5,032 85.7%	1,989 81.3%
Timely lab data	15 93.8%	20 100.0%	6 100.0%	3,636 82.9%	4,796 81.7%	1,938 79.2%
12-Month Follow-Up Donors due for follow-up	23	20		5,904	5,299	
Timely clinical data	21 91.3%	19 95.0%		4,981 84.4%	4,124 77.8%	
Timely lab data	20 87.0%	18 90.0%		4,540 76.9%	3,956 74.7%	
24-Month Follow-Up Donors due for follow-up	20			5,315		
Timely clinical data	15 75.0%			3,850 72.4%		
Timely lab data	15 75.0%			3,569 67.1%		

Follow-up forms due during the COVID-19 amnesty period from 3/13/2020-3/31/2021 are not included in timely clinical and lab data calculations