

Form 1T: Transplant

Print this Form

Not Started

1 **Date of Transplant**
MM/DD/YYYY

2 **Simultaneous organ** Kidney
Check all that apply. Liver
 None
 Unknown
 Other, specify

3 **Type of Transplant** Heterotopic
 Orthotopic
 Unknown
Orthotopic: recipient heart is replaced by donor heart.
Heterotopic: donor heart is transplant into recipient without the removal of the recipient's heart (also called piggy-back transplant)

Height and Weight

4 **Height**
 Centimeters
 Inches

Missing Reason:
 Not Done
 Unknown

Calculated

BSA: n/a
BMI: n/a

5 **Weight**
 Kilograms
 Pounds

Missing Reason:
 Not Done
 Unknown

Status Details at Transplant

6 **Status at Transplant** Brazil
 Canada
 United Kingdom
 United States

6a **United States** 1 (this option is only for listings prior to 1999)
 1A
 1B

- 2
- 7

6a

Brazil

- Non Priority
- Priority
- 2

6a

Canada

- 1
- 2
- 3
- 3.5
- 4
- 4S

6a

United Kingdom

- Routine
- Urgent

6b

Was patient in or out of hospital at time of transplant?

- In hospital
- Out of hospital

6b.i

Was patient in the ICU at time of transplant?

- Yes
- No
- Unknown

6b.ii

Did the patient require continuous invasive mechanical ventilation?

- Yes
- No
- Unknown

6c

Did the patient require continuous inotropes at time of transplant?

- Yes
- No
- Unknown

6c.i

Inotropes Dose

- High Dose or Multiple IV
- Single Low Dose
- Unknown

6d

Did the patient have ductal dependent pulmonary or systemic circulation, with ductal patency maintained by stent or prostaglandin infusion?

- Yes
- No
- Unknown

6e

Was the patient transplanted with an ABO incompatible transplant?

- No
- Yes
- Unknown

6f

Was patient on a VAD or ECMO at time of transplant?

- VAD
- ECMO

Not on support at time of Transplant

6f Specify initiation date (VAD)

Missing Reason:
 Unknown

6f Specify initiation date (ECMO)

Missing Reason:
 Unknown

6g Was patient listed for DCD (Donation after Cardiac Death) organ?
 Yes
 No
 Unknown
 This is not current practice at our center

Percent or Panel Antibody (closest to Transplant)

7a Cytotoxic PRA Done
 Not Done

7a T Cell %
Values above 10 will require section 10:
Per-operative management for PRA to be completed.

Missing Reason:
 Unknown

7a B Cell %
Values above 10 will require section 10:
Per-operative management for PRA to be completed.

Missing Reason:
 Unknown

7a Date
MM/DD/YYYY

Missing Reason:
 Unknown

7b Cytotoxic PRA DTE/DTT Done
 Not Done

7b T Cell %
Values above 10 will require section 10:
Per-operative management for PRA to be completed.

Missing Reason:
 Unknown

7b B Cell %
Values above 10 will require section 10:
Per-operative management for PRA to be completed.

Missing Reason:
 Unknown

7b Date
MM/DD/YYYY

Missing Reason:
 Unknown

7c Flow Cytometry or Luminex PRA Done
 Not Done

7c

Class I

Values above 10 will require section 10:
Per-operative management for PRA to be completed.

Missing Reason:
 Unknown

7c

Class II

Values above 10 will require section 10:
Per-operative management for PRA to be completed.

Missing Reason:
 Unknown

7c

Date

Missing Reason:
 Unknown

8

Did this patient have a virtual crossmatch? No
 Yes
 Unknown

8

Crossmatch Results Negative
 Positive
 Unknown

9

Donor Specific or Retrospective Crossmatch performed? No
 Yes
 Unknown

9

Crossmatch Results Negative
 Not Done
 Positive
 Unknown

9

Was the crossmatch performed prior to the decision to accept the donor? No
 Yes
 Unknown

Pre-Transplant Interventions for Elevated PRA

10a

Did the patient receive treatment to lower or manage an elevated PRA while awaiting transplantation? No
 Yes
 Unknown

10a.1

Which therapy was administered? Azathioprine (Imuran)
 Bortezomib (Velcade)
 Cytosan (cyclophosphamide)
 Immunoglobulin (IVIG, IV IgG)
 Mycophenylate, MMF (Cellcept, Myfortic)
 Plasmapheresis/plasma exchange
 Rituximab (Rituxan)
 Unknown

Check all that apply.

Other, specify

10a.2 How long was therapy administered?

Check all that apply.

Only for a pre-specified time/number of treatments: specify

- Until Heart transplantation, regardless of subsequent PRA levels/sensitization profile
- Until PRA level reduced to 0%/patient no longer sensitized
- Until PRA/sensitization profile diminished to a pre-specified goal
- Unknown

Peri-operative management for PRA

10b.i.

Was prophylactic plasmapheresis/exchange performed in the peri-operative period

- No
- Yes
- Unknown

10b.i.1

Was this performed during cardiopulmonary bypass?

- No
- Yes
- Unknown

10b.i.2

Was this performed during the immediate post-operative period?

- No
- Yes
- Unknown

10b.i.2

How many cycles?

Missing Reason:

- Unknown

10b.ii

Were there additional therapies, not routinely administered to post transplant patients in your center, given to this patient?

- No
- Yes
- Unknown

10b.ii

Therapies administered

Check all that apply.

- Alemtuzumab (Campath)
- Azathioprine (Imuran)
- Basiliximab (Simulect)
- Bortezomib (Velcade)
- Cytosan (cyclophosphamide)
- Eculizumab (Soliris)
- Immunoglobulin (IVIg, IV IgG)
- MMF (Cellcept, Myfortic)
- Plasmapheresis/plasma exchange
- Rituximab (Rituxan)

- Steroids (methylprednisone, prednisone, orapred, prednisolone, solumedrol, Medrol, etc.)
- Other, specify

B Cell and T Cell Results

11a	B cell flow DSXM	<input type="radio"/> Negative Unknown	<input type="radio"/> Not Done	<input type="radio"/> Positive	<input type="radio"/>
11b	B cell CDC/cytotoxicity DSXM	<input type="radio"/> Negative Unknown	<input type="radio"/> Not Done	<input type="radio"/> Positive	<input type="radio"/>
11c	T cell flow DSXM	<input type="radio"/> Negative Unknown	<input type="radio"/> Not Done	<input type="radio"/> Positive	<input type="radio"/>
11d	T cell CDC/cytotoxicity DSXM	<input type="radio"/> Negative Unknown	<input type="radio"/> Not Done	<input type="radio"/> Positive	<input type="radio"/>

12 **Donor Specific Antigens (DSA)** No
 Yes
 Unknown

12 **Donor Specific Antigens (DSA) Results** Class I
 Class II
 Unknown

12 **Was DSA compliment fixing?** No
(i.e. positive C1q assay) Yes
 Unknown

Laboratory Values (closest to time of transplant)

Note: labs may have been collected on different dates.

13 **Total Bilirubin** mg/dL **Missing Reason:**
 Not Done
 Unknown

13 **Direct Bilirubin** mg/dL **Missing Reason:**
 Not Done
 Unknown

13 **AST** U/L **Missing Reason:**
Aspartate transaminase (also SGOT) Not Done
 Unknown

13 **ALT** U/L **Missing Reason:**
Alanine transaminase (also SGPT) Not Done
 Unknown

13

BNP pg/mL or ng/L
B-type natriuretic peptide

Missing Reason:
 Not Done
 Unknown

13

Pro BNP pg/mL or ng/L
Pro NT B-type natriuretic peptide

Missing Reason:
 Not Done
 Unknown

13

CRP mg/dL
C reactive protein

Missing Reason:
 Not Done
 Unknown

13

Creatinine mg/dL

Missing Reason:
 Not Done
 Unknown

13

BUN mg/dL
Blood urea nitrogen

Missing Reason:
 Not Done
 Unknown

13

Cystatin C mg/L

Missing Reason:
 Not Done
 Unknown

13

Total Protein g/dL

Missing Reason:
 Not Done
 Unknown

13

Pre Albumin mg/dL

Missing Reason:
 Not Done
 Unknown

13

Serum Albumin g/dL

Missing Reason:
 Not Done
 Unknown

13

Cholesterol mg/dL
Total Cholesterol

Missing Reason:
 Not Done
 Unknown

13

TG mg/dL
Triglycerides

Missing Reason:
 Not Done
 Unknown

13

LDL mg/dL
Low density lipoprotein

Missing Reason:
 Not Done
 Unknown

13

HDL mg/dL
High density lipoprotein

Missing Reason:
 Not Done
 Unknown

13

VLDL mg/dL
Very low density lipoprotein

Missing Reason:
 Not Done
 Unknown

Hemodynamics (closest to transplant)

Indicate the hemodynamics even if the patient is on pressors or inotropes. Best hemodynamics are those performed during the administration of agents given specifically to lower the pulmonary arterial pressure or the pulmonary vascular resistance. All pressures should be listed in mm Hg. If unclear, please confirm with your PI.

14a

Hemodynamics No
 Yes
 Unknown

14a

Date
MM/DD/YYYY

Missing Reason:
 Unknown

14a

Fontan Mean Pressure

Missing Reason:
 Not Done
 Unknown

14a

RAm (RAP or CVP)
Right atrial mean pressure

Missing Reason:
 Not Done
 Unknown

14a

PAm
Pulmonary artery mean

Missing Reason:
 Not Done
 Unknown

14a

PCW
Mean pulmonary capillary wedge pressure

Missing Reason:
 Not Done
 Unknown

14a

SVC Sat
Oxygen saturation in the SVC

Missing Reason:
 Not Done
 Unknown

14a

AO Sat
Aortic saturation

Missing Reason:
 Not Done
 Unknown

14a

Rp, PVRI Woods Units x m²
Pulmonary resistance indexed to body surface area (BSA)

Missing Reason:
 Not Done
 Unknown

14a

Rs, SVRI Woods Units x m²
Systemic resistance indexed to body surface area (BSA)

Missing Reason:
 Not Done
 Unknown

EDP

End diastolic pressure of systemic ventricle

Missing Reason:
 Not Done
 Unknown

14a

14a

C.O. L/min
Cardiac output (i.e. Qs) in L/min

Missing Reason:
 Not Done
 Unknown

14a

C.I. L/min/m²
Cardiac index (i.e. C.O. divided by m²) in L/min/m²

Missing Reason:
 Not Done
 Unknown

14b

Hemodynamic Agents
 No
 Yes
 Unknown

14b

Indicate agent for best hemodynamics

Check all that apply.

- 100% O2
- Dobutamine
- Dopamine
- Epinephrine
- Isoproterenol (Isuprel)
- Milrinone
- Nesiritide
- Nitric Oxide
- Nitroglycerine
- Nitroprusside (Nipride)
- Norepinephrine
- PGE (Alprostadiol)
- PGI (Flolan)
- Phenylephrine/Neosynephrine
- Sildenafil
- Vasopressin
- Other, specify

14b

Was patient on mechanical support at time of Hemodynamics?
 No
 Yes
 Unknown

Inotropes, Pressors, and Thyroid Hormones

15

Was recipient on inotropes, pressors, or thyroid hormones at time of transplant?
 No
 Yes
 Unknown

15

Inotropes, Pressors, or Thyroid Hormones
 100% O2
 Dobutamine
 Dopamine
 Epinephrine
 Isoproterenol (Isuprel)
 Milrinone

- Neosynephrine
- Nesiritide
- Nitric Oxide
- Nitroglycerine
- Nitroprusside (Nipride)
- Norepinephrine (Levophed)
- PGE (Alprostadiil)
- PGI (Flolan)
- Phenylephrine/Neosynephrine
- Sildenafil
- T3 (Tri-iodothyronine)
- T4 (Levothyroxine)
- Vasopressin
- Other, specify

Cardiopulmonary bypass, donor ischemic, and technique of transplant

16

Cardiopulmonary bypass time

Report total number in minutes

minutes

Missing Reason:

Unknown

17

Total donor ischemic time

Report minutes from recovery crossclamp
to removal of crosscramp after transplant

minutes

Missing Reason:

Unknown

18

Technique of transplant

- Atrial
- Bicaval
- Unknown