

# Records

## Adult Thoracic - Heart/Lung Transplant Recipient Registration Worksheet

FORM APPROVED: O.M.B. NO. 0915-0157 Expiration Date: 12/31/2011

Note: These worksheets are provided to function as a guide to what data will be required in the online TIEDI<sup>®</sup> application. Currently in the worksheet, a red asterisk is displayed by fields that are required, independent of what other data may be provided. Based on data provided through the online TIEDI<sup>®</sup> application, additional fields that are dependent on responses provided in these required fields may become required as well. However, since those fields are not required in every case, they are not marked with a red asterisk.

Name:  DOB:   
SSN:  Gender:   
HIC:  Tx Date:

State of Permanent Residence: \*

Permanent Zip: \*

Recipient Center:

Physician Name: \*

Physician NPI#: \*

Surgeon Name: \*

Surgeon NPI#: \*

UNOS Donor ID #:

Donor Type:

Primary Diagnosis: \*

Specify:

Date: Last Seen, Retransplanted or Death \*

Patient Status: \*  LIVING  
 DEAD  
 RETRANSPLANTED

Primary Cause of Death:

Specify:

Contributory Cause of Death:

Specify:

Contributory Cause of Death:

Specify:

**Transplant Hospitalization:**

Date of Admission to Tx Center: \*

Date of Discharge from Tx Center:

Was patient hospitalized during the last 90 days prior to the transplant admission:

YES  NO  UNK

Medical Condition: \*

- IN INTENSIVE CARE UNIT
- HOSPITALIZED NOT IN ICU
- NOT HOSPITALIZED

Patient on Life Support: \*

YES  NO

- Extra Corporeal Membrane Oxygenation
- Intra Aortic Balloon Pump
- Prostacyclin Infusion
- Prostacyclin Inhalation
- Inhaled NO
- Ventilator
- Other Mechanism

Specify:

Patient on Ventricular Assist Device \*

- NONE
- LVAD
- RVAD
- TAH
- LVAD+RVAD

Life Support: VAD Brand1

Specify:

Life Support: VAD Brand2

Specify:

Functional Status: \*

Physical Capacity:

- No Limitations
- Limited Mobility
- Wheelchair bound or more limited
- Not Applicable (< 1 year old or hospitalized)
- Unknown

Working for income: \*

- YES
- NO
- UNK

If No, Not Working Due To:

If Yes:

- Working Full Time
- Working Part Time due to Demands of Treatment
- Working Part Time due to Disability
- Working Part Time due to Insurance Conflict

- Working Part Time due to Inability to Find Full Time Work
- Working Part Time due to Patient Choice
- Working Part Time Reason Unknown
- Working, Part Time vs. Full Time Unknown

Academic Progress:

- Within One Grade Level of Peers
- Delayed Grade Level
- Special Education
- Not Applicable < 5 years old/ High School graduate or GED
- Status Unknown

Academic Activity Level:

- Full academic load
- Reduced academic load
- Unable to participate in academics due to disease or condition
- Not Applicable < 5 years old/ High School graduate or GED
- Status Unknown

**Source of Payment:**

Primary: \*

Specify:

Secondary:

Height: \*  ft.  in.  cm ST=

Weight: \*  lbs  kg ST=

BMI:  kg/m<sup>2</sup>

Previous Transplants:

Previous Transplant Organ	Previous Transplant Date	Previous Transplant Graft Fail Date
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The three most recent transplants are listed here. Please contact the UNet Help Desk to confirm more than three previous transplants by calling 800-978-4334 or by emailing [unethelpdesk@unos.org](mailto:unethelpdesk@unos.org).


**Viral Detection:**

HIV Serostatus: *	<input type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> Not Done <input type="radio"/> UNK/Cannot Disclose
CMV IgG: *	<input type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> Not Done <input type="radio"/> UNK/Cannot Disclose
CMV IgM: *	<input type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> Not Done <input type="radio"/> UNK/Cannot Disclose
HBV Core Antibody: *	<input type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> Not Done <input type="radio"/> UNK/Cannot Disclose
HBV Surface Antigen: *	<input type="radio"/> Positive <input type="radio"/> Negative <input type="radio"/> Not Done <input type="radio"/> UNK/Cannot Disclose
HCV Serostatus: *	<input type="radio"/> Positive

- Negative
- Not Done
- UNK/Cannot Disclose
- Positive
- Negative
- Not Done
- UNK/Cannot Disclose

EBV Serostatus: \*

**Most Recent Hemodynamics:**

**Inotropes/Vasodilators:**

PA (sys)mm/Hg: \*

ST=

YES  NO

PA(dia) mm/Hg: \*

ST=

YES  NO

PA(mean) mm/Hg: \*

ST=

YES  NO

PCW(mean) mm/Hg: \*

ST=

YES  NO

CO L/min: \*

ST=

YES  NO

Most Recent Serum Creatinine: \*

 mg/dl

ST=

Most Recent Total Bilirubin: \*

 mg/dl

ST=

Oxygen Requirement at Rest:

 L/min

ST=

Chronic Steroid Use: \*

YES  NO  UNK

**Pulmonary Status (Give most recent value):**

FVC: \*

 %predicted:

ST=

FeV1: \*

 %predicted:

ST=

pCO2: \*

 mm/Hg:

ST=

**Events occurring between listing and transplant:**

Transfusions: \*

YES  NO  UNK

Infection Requiring IV Therapy within 2 wks prior to Tx: \*

YES  NO  UNK

Cerebrovascular Event:

YES  NO  UNK

Dialysis: \*

YES  NO  UNK

Implantable Defibrillator:

YES  NO  UNK

Prior Cardiac Surgery (non-transplant): \*

YES  NO  UNK

CABG

Valve Replacement/Repair

If yes, check all that apply:

Congenital

Left Ventricular Remodeling

Other, specify

Specify:

Prior Lung Surgery (non-transplant): \*

YES  NO  UNK

Pneumoreduction

Pneumothorax Surgery-Nodule

Pneumothorax Decortication

If yes, check all that apply:

Lobectomy

Pneumonectomy

Left Thoracotomy

Right Thoracotomy

Other, specify

Specify:

Episode of Ventilatory Support: \*

YES  NO  UNK

If yes, indicate most recent timeframe:

- At time of transplant
- Within 3 months of transplant
- >3 months prior to transplant

Tracheostomy: \*

YES  NO  UNK

Previous Pregnancies:

- NO PREVIOUS PREGNANCY
- 1 PREVIOUS PREGNANCY
- 2 PREVIOUS PREGNANCIES
- 3 PREVIOUS PREGNANCIES
- 4 PREVIOUS PREGNANCIES
- 5 PREVIOUS PREGNANCIES
- MORE THAN 5 PREVIOUS PREGNANCIES
- NOT APPLICABLE: < 10 years old
- UNKNOWN

Malignancies between listing and transplant: \*

YES  NO  UNK

This question is NOT applicable for patients receiving living donor transplants who were never on the waiting list.

If yes, specify type:

- Skin Melanoma
- Skin Non-Melanoma
- CNS Tumor
- Genitourinary
- Breast
- Thyroid
- Tongue/Throat/Larynx



- Lung
- Leukemia/Lymphoma
- Liver
- Other, specify

Specify:



Multiple Organ Recipient

Were extra vessels used in the transplant procedure:

Vessel Donor ID:

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Procedure Type:

- Heart
- Heart Lung

Was this a retransplant due to failure of a previous thoracic graft:

- YES
- NO

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**Total Organ Ischemia Time (include cold, warm and anastomotic time):**

Heart, Heart-Lung:

 min

ST=

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Incidental Tumor found at time of Transplant:

- YES
- NO
- UNK

If yes, specify tumor type:

- Adenoma
- Carcinoma
- Carcinoid
- Lymphoma
- Harmartoma
- Other Primary Lung Tumor, Specify

Specify:

Graft Status: \*  Functioning  Failed

If death is indicated for the recipient, and the death was a result of some other factor unrelated to graft failure, select Functioning.

Date of Graft Failure:

Primary Cause of Graft Failure:  Primary Non-Function  
 Acute Rejection  
 Chronic Rejection/Atherosclerosis  
 Other, Specify

Specify:

**Events Prior to Discharge:**

Any Drug Treated Infection:  YES  NO  UNK

Stroke: \*  YES  NO  UNK

Dialysis: \*  YES  NO  UNK

Cardiac Re-Operation:  YES  NO  UNK

Other Surgical Procedures:  YES  NO  UNK

Time on inotropes other than Isoproterenol (Isuprel):  days ST=

Ventilator Support: \*  No  
 Ventilator support for <= 48 hours  
 Ventilator support for >48 hours but < 5 days  
 Ventilator support >= 5 days  
 Ventilator support, duration unknown  
 Unknown Status

Reintubated: \*  YES  NO  UNK

Permanent Pacemaker: \*  YES  NO  UNK

Chest drain >2 weeks:  YES  NO  UNK

Airway Dehiscence: \*  YES  NO  UNK

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Did patient have any acute rejection episodes between transplant and discharge: \*  Yes, at least one episode treated with anti-rejection agent  
 Yes, none treated with additional anti-rejection agent  
 No

Was biopsy done to confirm acute rejection:  Biopsy not done  
 Yes, rejection confirmed  
 Yes, rejection not confirmed

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Biological or Anti-viral Therapy:  YES  NO  Unknown/Cannot disclose

If Yes, check all that apply:

- Acyclovir (Zovirax)
- Cytogam (CMV)
- Gamimune
- Gammagard
- Ganciclovir (Cytovene)
- Valgancyclovir (Valcyte)
- HBIG (Hepatitis B Immune Globulin)
- Flu Vaccine (Influenza Virus)
- Lamivudine (Epivir) (for treatment of Hepatitis B)
- Other, Specify

Valacyclovir (Valtrex)

Specify:

Specify:

Other therapies:

YES  NO

Photopheresis

If Yes, check all that apply:

Plasmapheresis

Total Lymphoid Irradiation (TLI)

Are any medications given currently for maintenance or anti-rejection: \*

YES  NO

Did the patient participate in any clinical research protocol for immunosuppressive medications:

YES  NO

If Yes, Specify:

View Immunosuppressive Medications

#### Definitions Of Immunosuppressive Medications

For each of the immunosuppressant medications listed, check **Previous Maintenance (Prev Maint)**, **Current Maintenance (Curr Maint)** or **Anti-rejection (AR)** to indicate all medications that were prescribed for the recipient during this follow-up period, and for what reason. If a medication was not given, leave the associated box(es) blank.

**Previous Maintenance (Prev Maint)** includes all immunosuppressive medications given during the report period, which covers the period from the last clinic visit to the current clinic visit, *for varying periods of time which may be either long-term or intermediate term with a tapering of the dosage until the drug is either eliminated or replaced by another long-term maintenance drug* (example: Prednisone, Cyclosporine, Tacrolimus, Mycophenolate Mofetil, Azathioprine, or Rapamycin). This does not include any immunosuppressive medications given to treat rejection episodes.

**Current Maintenance (Curr Maint)** includes all immunosuppressive medications given at the current clinic visit to begin in the next report *for varying periods of time which may be either long-term or intermediate term with a tapering of the dosage until the drug is either eliminated or replaced by another long-term maintenance drug* (example: Prednisone, Cyclosporine, Tacrolimus, Mycophenolate Mofetil, Azathioprine, or Rapamycin). This does not include any immunosuppressive medications given to treat rejection episodes.

**Anti-rejection (AR)** immunosuppression includes all immunosuppressive medications given for the purpose of treating an acute rejection episode since the last clinic visit (example: Methylprednisolone, Atgam, OKT3, or Thymoglobulin). When switching maintenance drugs (example: from Tacrolimus to Cyclosporine; or from Mycophenolate Mofetil to Azathioprine) because of rejection, the drugs should not be listed under AR immunosuppression, but should be listed under maintenance immunosuppression.

**Note: The Anti-rejection field refers to any anti-rejection medications since the last clinic visit, not just at the time of the current clinic visit.**

If an immunosuppressive medication other than those listed is being administered (e.g., new monoclonal antibodies), select Previous Maint, or Current Maint, or AR next to Other Immunosuppressive Medication field, and enter the full name of the medication in the space provided. **Do not list non-immunosuppressive medications.**

For each of the immunosuppressive medications listed, select **Ind** (Induction), **Maint** (Maintenance) or **AR** (Anti-rejection) to indicate all medications

that were prescribed for the recipient during the initial transplant hospitalization period, and for what reason. If a medication was not given, leave the associated box(es) blank.

**Induction (Ind)** immunosuppression includes all medications given for a short finite period in the perioperative period for the purpose of preventing acute rejection. Though the drugs may be continued after discharge for the first 30 days after transplant, it will not be used long-term for immunosuppressive maintenance. Induction agents are usually polyclonal, monoclonal, or IL-2 receptor antibodies (example: Methylprednisolone, Atgam, Thymoglobulin, OKT3, Simulect, or Zenapax). Some of these drugs might be used for another finite period for rejection therapy and would be recorded as rejection therapy if used for this reason. For each induction medication indicated, write the total number of days the drug was actually administered in the space provided. For example, if Simulect or Zenapax was given in 2 doses a week apart, then the total number of days would be 2, even if the second dose was given after the patient was discharged.

**Maintenance (Maint)** includes all immunosuppressive medications given before, during or after transplant *for varying periods of time which may be either long-term or intermediate term with a tapering of the dosage until the drug is either eliminated or replaced by another long-term maintenance drug* (example: Prednisone, Cyclosporine, Tacrolimus, Mycophenolate Mofetil, Azathioprine, or Rapamycin). This does not include any immunosuppressive medications given to treat rejection episodes, or for induction.

**Anti-rejection (AR)** immunosuppression includes all immunosuppressive medications given for the purpose of treating an acute rejection episode during the initial post-transplant period or during a specific follow-up period, usually up to 30 days after the diagnosis of acute rejection (example: Methylprednisolone, Atgam, OKT3, or Thymoglobulin). When switching maintenance drugs (example: from Tacrolimus to Cyclosporine; or from Mycophenolate Mofetil to Azathioprine) because of rejection, the drugs should not be listed under AR immunosuppression, but should be listed under maintenance immunosuppression.

If an immunosuppressive medication other than those listed is being administered (e.g., new monoclonal antibodies), select Ind, Maint, or AR next to Other Immunosuppressive Medication field, and enter the full name of the medication in the space provided. **Do not list non-immunosuppressive medications.**

	Ind.	Days	ST	Maint	AR
Steroids (Prednisone, Methylprednisolone, Solumedrol, Medrol, Decadron)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Atgam (ATG)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
OKT3 (Orthoclone, Muromonab)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thymoglobulin	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Simulect - Basiliximab	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zenapax - Daclizumab	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Azathioprine (AZA, Imuran)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
EON (Generic Cyclosporine)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gengraf (Abbott Cyclosporine)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other generic Cyclosporine, specify brand: <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Neoral (CyA-NOF)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sandimmune (Cyclosporine A)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
CellCept (Mycophenolate Mofetil; MMF)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

Generic MMF (Generic CellCept)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Prograf (Tacrolimus, FK506)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Generic Tacrolimus (Generic Prograf)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advagraf (Tacrolimus Extended or Modified Release)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nulojix (Belatacept)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sirolimus (RAPA, Rapamycin, Rapamune)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Myfortic (Mycophenolate Sodium)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Ind.	Days	ST	Maint	AR
Campath - Alemtuzumab (anti-CD52)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cyclophosphamide (Cytoxan)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leflunomide (LFL, Arava)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Methotrexate (Folex, PFS, Mexate-AQ, Rheumatrex)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Immunosuppressive Medication, Specify <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rituximab	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Ind.	Days	ST	Maint	AR
Zortress (Everolimus)	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other Immunosuppressive Medication, Specify <input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>