

# CTS COLLABORATIVE TRANSPLANT STUDY

## Heart or Heart-Lung/Lung Transplant

Transplant Center \_\_\_\_\_

### RECIPIENT

Name (Last, First) or ID \_\_\_\_\_ Age \_\_\_\_\_ Sex \_\_\_\_\_ Race \_\_\_\_\_ ABO \_\_\_\_\_

### Viral Status

EBV  pos  neg  
CMV  pos  neg

### HLA-Typing

A \_\_\_\_\_ B \_\_\_\_\_ DRB \_\_\_\_\_ DQA \_\_\_\_\_ DQB \_\_\_\_\_

### CMV Prophylaxis

yes \_\_\_\_\_  
 no type/manufacturer \_\_\_\_\_

### Pretransplant Antibodies (latest serum)

Lymphocytotoxicity (CDC) T cells or unsep.: \_\_\_\_\_ % B cells: \_\_\_\_\_ %

Does this patient have a **history of smoking**?  yes  no

Is this patient **currently a smoker**?  yes  no

Does this patient receive **treatment for diabetes**?  yes  no

### Luminex Single Antigen Assay

neg pos pos beads

Class I   \_\_\_\_\_ %

Class II   \_\_\_\_\_ %

### Donor Specific Antibodies (DSA)

no yes highest MFI

Class I   \_\_\_\_\_

Class II   \_\_\_\_\_

Has patient had previous open-heart surgery?  yes  no

Pretransplant mechanical circulatory or lung support?  yes  no

If yes: How many days? \_\_\_\_\_

Type of support? \_\_\_\_\_

Desensitization prior to transplant:  no  yes \_\_\_\_\_

specify methods \_\_\_\_\_

LAS (Lung Allocation Score): \_\_\_\_\_

### Original Disease

Cardiomyopathy →  dilated  
 ischemic

Coronary artery disease

Other \_\_\_\_\_

Cystic fibrosis  
 Pulmonary fibrosis  
 Emphysema

specify \_\_\_\_\_

Your **general evaluation**  
of this patient as candidate  
for transplantation:

Good  
 Moderate  
 Poor

If moderate or poor,  
indicate reason(s):

Urgency, acute  
 Age  
 Pulmonary dysfunction  
 Diabetes  
 Non-Adherence  
 Other \_\_\_\_\_

specify \_\_\_\_\_

### Immunosuppressive Protocol (intention to treat). Check appropriate combination:

#### Specify Drug

Cyclosporine: \_\_\_\_\_

Tacrolimus: \_\_\_\_\_

Mycophenolates: \_\_\_\_\_

Azathioprine

Steroids

IL2R-antibody induction

Sirolimus/Rapamycin

Everolimus/Certican

ATG prophylactic: \_\_\_\_\_  
ATG manufacturer \_\_\_\_\_

Other monoclonal antibody: \_\_\_\_\_

Other immunosuppression: \_\_\_\_\_

On immunosuppressive trial  \_\_\_\_\_  
specify \_\_\_\_\_

### TRANSPLANT

#### Transplant Date

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
Day Month Year

#### Graft Type

Heart  
 Heart-Lung  
 Single-Lung  
 Double-Lung  
 Living Lobar Lung

#### Graft No.

First  
 Second  
 Third

#### Urgency

Super urgent  
 Urgent  
 Normal

#### If Retransplant:

Number days previous  
graft functioned  
\_\_\_\_\_

### Crossmatch results (latest pretransplant serum)

Indicate results **obtained** with + (pos) or - (neg), leave rest blank

#### Whole

Lymphocytes  
CDC \_\_\_\_\_

T cells  
CDC \_\_\_\_\_

B cells  
CDC \_\_\_\_\_

Flow \_\_\_\_\_

Luminex \_\_\_\_\_

ELISA \_\_\_\_\_

### DONOR

Name (Initials) or ID \_\_\_\_\_ Age \_\_\_\_\_ Sex \_\_\_\_\_ Race \_\_\_\_\_ ABO \_\_\_\_\_

Viral Status: EBV  pos  neg

CMV  pos  neg

### HLA-Typing

A \_\_\_\_\_ B \_\_\_\_\_ DRB \_\_\_\_\_ DQA \_\_\_\_\_ DQB \_\_\_\_\_

### Cold Ischemia (min)

Heart \_\_\_\_\_ Left Lung \_\_\_\_\_

Right Lung \_\_\_\_\_

### Donor Death

Trauma  
 Cerebrovascular  
 Other \_\_\_\_\_  
specify \_\_\_\_\_

### Donor Risk

Donor history of hypertension  
 Non-heartbeating donor  
 Marginal donor for other reason  
(e.g. smoking, tumor, DM)  
reason(s) \_\_\_\_\_

### Preservation

Machine perfusion  
manufacturer \_\_\_\_\_  
method/temperature \_\_\_\_\_  
Time: \_\_\_\_\_ hours

Cold storage →  St. Thomas  
 Perfadex  
 HTK  
 Celsior  
 Other \_\_\_\_\_  
specify \_\_\_\_\_

Date \_\_\_\_\_

Completed by \_\_\_\_\_

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