**PreImplant**

### Demographics

<table>
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<tr>
<th>Height:</th>
<th>in</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Unknown</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Done</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Weight:</th>
<th>lbs</th>
<th>kgs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unknown</td>
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</tr>
<tr>
<td>Not Done</td>
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</tbody>
</table>

**Blood Type:**
- O
- A
- B
- AB
- Unknown

### Medical Support Status

**Current Device Strategy at time of implant:**
- Bridge to Recovery
- Rescue Therapy
- Bridge to Transplant – Listed
- Possible Bridge to Transplant – Likely to be eligible
- Possible Bridge to Transplant – Moderate likelihood of becoming eligible
- Possible Bridge to Transplant – Unlikely to become eligible
- Destination Therapy (patient definitely not eligible for transplant)

**Enter List Date:**

### Concerns / Contraindications

**Overall Status:**

<table>
<thead>
<tr>
<th>Advanced age</th>
<th>Yes</th>
<th>No</th>
<th>Limitation for transplant listing?</th>
<th>Yes</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Frailty</td>
<td>Yes</td>
<td>No</td>
<td>Limitation for transplant listing?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Patient does not want transplant</td>
<td>Yes</td>
<td>No</td>
<td>Limitation for transplant listing?</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Musculoskeletal limitation to ambulation</td>
<td>Yes</td>
<td>No</td>
<td>Limitation for transplant listing?</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>Contraindication to immunosuppression</td>
<td>Yes</td>
<td>No</td>
<td>Limitation for transplant listing?</td>
<td>Yes</td>
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<tr>
<td>Allosensitization</td>
<td>Yes</td>
<td>No</td>
<td>Limitation for transplant listing?</td>
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<tr>
<td>Chronic Renal Disease</td>
<td>Yes</td>
<td>No</td>
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<td>Yes</td>
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**Cardiothoracic issues:**

<table>
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<tr>
<th>Frequent ICD shocks</th>
<th>Yes</th>
<th>No</th>
<th>Limitation for transplant listing?</th>
<th>Yes</th>
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<tbody>
<tr>
<td>Pulmonary disease</td>
<td>Yes</td>
<td>No</td>
<td>Limitation for transplant listing?</td>
<td>Yes</td>
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<tr>
<td>Pulmonary hypertension</td>
<td>Yes</td>
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<tr>
<td>Condition</td>
<td>Yes</td>
<td>No</td>
<td>Limitation for transplant listing?</td>
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<td>--------------------------------------------------------------------------</td>
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<tr>
<td>Recent pulmonary embolus</td>
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<td>Limitation for transplant listing?</td>
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<tr>
<td>History of atrial arrhythm</td>
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<tr>
<td>Unfavorable mediastinal anatomy</td>
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<td>Limitation for transplant listing?</td>
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<tr>
<td>(This includes sternotomies, sternal resection, radiation, flail chest, etc.)</td>
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<td>Limitation for transplant listing?</td>
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<tr>
<td>Thoracic aortic disease</td>
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<td>Nutritional/GI:</td>
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<tr>
<td>Large BMI</td>
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<td>Limitation for transplant listing?</td>
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<tr>
<td>Severe Diabetes</td>
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<tr>
<td>Malnutrition/cachexia</td>
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<td>History of GI ulcers</td>
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<tr>
<td>History of hepatitis B</td>
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<td>Limitation for transplant listing?</td>
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<tr>
<td>History of hepatitis C</td>
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<td>Limitation for transplant listing?</td>
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<td>Liver dysfunction</td>
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<td>Limitation for transplant listing?</td>
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<td>Vascular Issues:</td>
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<td>Heparin-induced thrombocytopenia</td>
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<td>Chronic coagulopathy</td>
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<tr>
<td>Major stroke</td>
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<td>Limitation for transplant listing?</td>
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<tr>
<td>Other cerebrovascular disease</td>
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<tr>
<td>Peripheral vascular disease</td>
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<td>Oncology/Infection issues:</td>
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<td>History of solid organ cancer</td>
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<tr>
<td>History of lymphoma leukemia</td>
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<td>Limitation for transplant listing?</td>
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<td>History of bone marrow transplant (BMT)</td>
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<td>History of HIV</td>
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<tr>
<td>Chronic infectious concerns</td>
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<td>Limitation for transplant listing?</td>
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<td>History of chronic use of immunosuppressants</td>
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<td>Limitation for transplant listing?</td>
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<td>History of chronic use of oral steroids</td>
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<td>Psychosocial issues:</td>
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<tr>
<td>Limited cognition/understanding</td>
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<td>Limitation for transplant listing?</td>
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<tr>
<td>Limited social support</td>
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<td>Limitation for transplant listing?</td>
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<td>Repeated non-compliance</td>
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<td>History of illicit drug use</td>
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<td>History of alcohol abuse</td>
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<tr>
<td>Narcotic dependence</td>
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<td>Limitation for transplant listing?</td>
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<tr>
<td>Question</td>
<td>Yes</td>
<td>No</td>
<td>Limitation for transplant listing?</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>--------------------------------</td>
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<tr>
<td>History of smoking</td>
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<tr>
<td>Currently smoking</td>
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<tr>
<td>Severe depression</td>
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<tr>
<td>Other major psychiatric diagnosis</td>
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**Other co-morbidity**

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Limitation for transplant listing?</th>
<th>Yes</th>
<th>No</th>
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</thead>
</table>

**Time since first cardiac diagnosis:**

<table>
<thead>
<tr>
<th>&lt;1 month</th>
<th>1 month – 1 year</th>
<th>1 – 2 years</th>
<th>&gt;2 years</th>
<th>Unknown</th>
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</thead>
</table>

**# of cardiac hospitalization in the last 12 months**

<table>
<thead>
<tr>
<th>0 – 1</th>
<th>2 – 3</th>
<th>4 or more</th>
<th>Unknown</th>
</tr>
</thead>
</table>

**Primary cardiac diagnosis**

- Cancer
- Congenital Heart Disease
- Coronary Artery Disease
- Dilated Myopathy: Adriamycin
- Dilated Myopathy: Alcoholic
- Dilated Myopathy: Familial
- Dilated Myopathy: Idiopathic
- Dilated Myopathy: Ischemic
- Dilated Myopathy: Myocarditis
- Dilated Myopathy: Other, specify ____________________________
- Dilated Myopathy: Post partum
- Dilated Myopathy: Viral
- Hypertrophic Cardiomyopathy
- Restrictive Myopathy: Amyloidosis
- Restrictive Myopathy: Endocardial Fibrosis
- Restrictive Myopathy: Idiopathic
- Restrictive Myopathy: Other, specify ____________________________
- Restrictive Myopathy: Sarcoidosis
- Restrictive Myopathy: Sec to Radiation/Chemotherapy
- Valvular Heart Disease
- Unknown

**Congenital Heart Disease**

- Complete AV Septal Defect
- Congenitally Corrected Transposition
- Ebstein's Anomaly
- Hypoplastic Left Heart
- Left Heart Valvar / Structural Hyopplasia
- Pulmonary Atresia with IVS
- Single Ventricle
- TF/TOF variant
- Transposition of the Great Arteries
- Truncus Arteriosus
- VSD/ASD
- VSD/ASD Other, specify ____________________________
☐ Kawasaki Disease
☐ Other, specify ____________________________
☐ Unknown

**Previous cardiac operation**
Check all that apply

☐ None
☐ CABG
☐ Aneurysmectomy (DOR)
☐ Aortic Valve replacement / repair
☐ Mitral valve replacement / repair
☐ Tricuspid replacement / repair
☐ Congenital cardiac surgery
☐ LVAD
☐ RVAD
☐ TAH
☐ Other, specify ____________________________

**If congenital cardiac surgery**
Check all that apply

☐ Norwood Stage I
☐ PA Banding
☐ TOF/DORV/RVOTO Repair
☐ VSD Repair
☐ Transposition of the Great Vessels Repair
☐ Truncus Arteriosus Repair
☐ Valve Replacement of Repair for Outflow Obstruction
☐ AP Shunt
☐ ASD Repair
☐ Complete AV Septal Defect Repair
☐ Congenitally Corrected Transposition Repair
☐ Damus Kaye Stansel (DKS)
☐ Ebstein's Anomaly Repair
☐ Fontan
☐ Glenn, Bi-directional
☐ Glenn, Classical
☐ Previous heart transplant
☐ ECMO
☐ Previous mechanical support, specify ____________________________
☐ Other, specify ____________________________

**Clinical Events this hospitalization**
*(Pre-implant)*

☐ IABP
☐ Other VAD
☐ Dialysis
☐ Ultrafiltration
☐ Ventilator/Intubation
☐ Feeding tube
☐ ECMO
☐ CABG
☐ Aortic Valve replacement/repair
☐ Mitral Valve replacement/repair
☐ Congenital cardiac surgery
☐ LVAD
☐ RVAD
☐ TAH
☐ Aneurysmectomy (DOR)
☐ Cardiac surgery, other
☐ Cardiac arrest
Major MI
Other surgical procedures
Major infections
Unknown
None

Major Infection Location:

Catheter-related bloodstream

☐ Yes  ☐ No  ☐ Unknown

If yes:

Location

☐ Intra-Aortic Balloon Pump
☐ PICC Line
☐ Central Venous Catheter

Number of Infections


Genus Species

☐ ACINETOBACTER spp
☐ ASPERGILLUS
  ☐ Aspergillus fumigatus
  ☐ Aspergillus spp
☐ BACTEROIDES
  ☐ Bacteroides spp
  ☐ Bacteroides fragilis
☐ BACILLUS spp
☐ CANDIDA
  ☐ Candida spp
  ☐ Candida albicans
  ☐ Candida glabrata
☐ CLOSTRIDIUM
  ☐ Clostridium spp
  ☐ Clostridium perfringens
☐ CORYNEBACTERIUM spp
☐ ENTEROBACTER
  ☐ Enterobacter spp
  ☐ Enterobacter cloacae
  ☐ Enterobacter aerogenes
☐ ENTEROCoccus
  ☐ Enterococcus spp
  ☐ Enterococcus faecalis
  ☐ Enterococcus faecalis VRE
  ☐ Enterococcus faecium
  ☐ Enterococcus faecium VRE
☐ ESCHERICHIA COLI
☐ KLEBSIELLA
  ☐ Klebsiella spp
  ☐ Klebsiella pneumoniae
  ☐ Klebsiella pneumoniae KPC
  ☐ Klebsiella oxytoca
☐ PROTEUS
  ☐ Proteus spp
  ☐ Proteus mirabilis
  ☐ Proteus vulgaris
☐ PSEUDOMONAS
  ☐ Pseudomonas spp
  ☐ Pseudomonas aeruginosa
- **SERRATIA**
  - Serratia spp
  - Serratia liquefaciens
  - Serratia marcescens
- **STAPHYLOCCUS**
  - Staphylococcus aureus (MSSA)
  - Staphylococcus aureus (MRSA)
  - Staphylococcus Lugdunensis
  - Staphylococcus Warneri
  - Staphylococcus epidermidis
  - Staphylococcus coag-neg, not epidermidis
- **STENOTROPHOMONAS**
  - Stenotrophomonas spp
  - Stenotrophomonas maltophilia
- **STREPTOCOCCUS**
  - Streptococcus spp
  - Streptococcus constellatus group
  - Streptococcus Group B/agalactiae
  - Streptococcus Group C/G
  - Streptococcus Group A/Strep pyogenes
  - Streptococcus pneumonia
- **OTHER, SPECIFY**

---

**Endocarditis, native**

- Yes
- No
- Unknown

If yes:

**Number of Infections**

**Genus Species**

- **ACINETOBACTER spp**
- **ASPERGILLUS**
  - Aspergillus fumigatus
  - Aspergillus spp
- **BACTEROIDES**
  - Bacteroides spp
  - Bacteroides fragilis
- **BACILLUS spp**
- **CANDIDA**
  - Candida spp
  - Candida albicans
  - Candida glabrata
- **CLOSTRIDIUM**
  - Clostridium spp
  - Clostridium perfringens
- **CORYNEBACTERIUM spp**
- **ENTEROBACTER**
  - Enterobacter spp
  - Enterobacter cloacae
  - Enterobacter aerogenes
- **ENTEROCOCCUS**
  - Enterococcus spp
  - Enterococcus faecalis
  - Enterococcus faecalis VRE
  - Enterococcus faecium
  - Enterococcus faecium VRE
- **ESCHERICHIA COLI**
<table>
<thead>
<tr>
<th>Genus</th>
<th>Species</th>
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<tr>
<td><strong>KLEBSIELLA</strong></td>
<td></td>
</tr>
<tr>
<td>○ Klebsiella spp</td>
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</tr>
<tr>
<td>○ Klebsiella pneumoniae</td>
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<tr>
<td>○ Klebsiella pneumoniae KPC</td>
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</tr>
<tr>
<td>○ Klebsiella oxytoca</td>
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<tr>
<td><strong>PROTEUS</strong></td>
<td></td>
</tr>
<tr>
<td>○ Proteus spp</td>
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<tr>
<td>○ Proteus mirabilis</td>
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<tr>
<td>○ Proteus vulgaris</td>
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<tr>
<td><strong>PSEUDOMONAS</strong></td>
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</tr>
<tr>
<td>○ Pseudomonas spp</td>
<td></td>
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<tr>
<td>○ Pseudomonas aeruginosa</td>
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<tr>
<td><strong>SERRATIA</strong></td>
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<tr>
<td>○ Serratia spp</td>
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<tr>
<td>○ Serratia liquefaciens</td>
<td></td>
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<tr>
<td>○ Serratia marcescens</td>
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<td><strong>STAPHYLOCCUS</strong></td>
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<tr>
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<tr>
<td>○ Staphylococcus Lugenunensis</td>
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<tr>
<td>○ Staphylococcus Warneri</td>
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<tr>
<td>○ Staphylococcus epidermidis</td>
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<tr>
<td>○ Staphylococcus coag-neg, not epidermidis</td>
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<td><strong>STENOTROPHOMONAS</strong></td>
<td></td>
</tr>
<tr>
<td>○ Stenotrophomonas spp</td>
<td></td>
</tr>
<tr>
<td>○ Stenotrophomonas maltophilia</td>
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<tr>
<td><strong>STREPTOCOCCUS</strong></td>
<td></td>
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<tr>
<td>○ Streptococcus spp</td>
<td></td>
</tr>
<tr>
<td>○ Streptococcus constellatus group</td>
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</tr>
<tr>
<td>○ Streptococcus Group B/agalactiae</td>
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<tr>
<td>○ Streptococcus Group C/G</td>
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<tr>
<td>○ Streptococcus Group A/Strep pyogenes</td>
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</tr>
<tr>
<td>○ Streptococcus pneumonia</td>
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<td><strong>OTHER, SPECIFY</strong></td>
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<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Mediastinitis**

○ Yes  ○ No  ○ Unknown

**If yes:**

- **Number of Infections**

- **Genus Species**

○ ACINETOBACTER spp
○ ASPERGILLUS
  ○ Aspergillus fumigatus
  ○ Aspergillus spp
○ BACTEROIDES
  ○ Bacteroides spp
  ○ Bacteroides fragilis
○ BACILLUS spp
○ CANDIDA
  ○ Candida spp
  ○ Candida albicans
  ○ Candida glabrata
○ CLOSTRIDIUM
  ○ Clostridium spp
  ○ Clostridium perfringens
- Corynebacterium spp
- Enterobacter spp
- Enterobacter cloacae
- Enterobacter aerogenes
- Enterococcus spp
- Enterococcus faecalis
- Enterococcus faecalis VRE
- Enterococcus faecium
- Enterococcus faecium VRE
- Escherichia coli
- Klebsiella spp
- Klebsiella pneumoniae
- Klebsiella pneumoniae KPC
- Klebsiella oxytoca
- Proteus spp
- Proteus mirabilis
- Proteus vulgaris
- Pseudomonas spp
- Pseudomonas aeruginosa
- Serratia spp
- Serratia liquefaciens
- Serratia marcescens
- Staphylococcus aureus (MSSA)
- Staphylococcus aureus (MRSA)
- Staphylococcus Lugdunensis
- Staphylococcus Warneri
- Staphylococcus epidermidis
- Staphylococcus coag-neg, not epidermidis
- Stenotrophomonas spp
- Stenotrophomonas maltophilia
- Streptococcus spp
- Streptococcus constellatus group
- Streptococcus Group B/agalactiae
- Streptococcus Group C/G
- Streptococcus Group A/Strep pyogenes
- Streptococcus pneumonia

- Other, specify ____________________________

Pneumonia
- Yes
- No
- Unknown

If yes:

Number of Infections

Genus Species
- Acinetobacter spp
- Aspergillus
  - Aspergillus fumigatus
- Aspergillus spp
- **BACTEROIDES**
  - Bacteroides spp
  - Bacteroides fragilis
- **BACILLUS** spp
- **CANDIDA**
  - Candida spp
  - Candida albicans
  - Candida glabrata
- **CLOSTRIDIUM**
  - Clostridium spp
  - Clostridium perfringens
- **CORYNEBACTERIUM** spp
- **ENTEROBACTER**
  - Enterobacter spp
  - Enterobacter cloacae
  - Enterobacter aerogenes
- **ENTEROCOCCUS**
  - Enterococcus spp
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  - Enterococcus faecalis VRE
  - Enterococcus faecium
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  - Proteus mirabilis
  - Proteus vulgaris
- **PSEUDOMONAS**
  - Pseudomonas spp
  - Pseudomonas aeruginosa
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  - Serratia liquefaciens
  - Serratia marcescens
- **STAPHYLOCCUS**
  - Staphylococcus aureus (MSSA)
  - Staphylococcus aureus (MRSA)
  - Staphylococcus Ludpunensis
  - Staphylococcus Warneri
  - Staphylococcus epidermidis
  - Staphylococcus coag-neg, not epidermidis
- **STENOTROPHOMONAS**
  - Stenotrophomonas spp
  - Stenotrophomonas maltophilia
- **STREPTOCOCCUS**
  - Streptococcus spp
  - Streptococcus constellatus group
  - Streptococcus Group B/agalactiae
- Streptococcus Group C/G
- Streptococcus Group A/Strep pyogenes
- Streptococcus pneumonia
- OTHER, SPECIFY _________________________________

Urinary tract

- Yes
- No
- Unknown

If yes:

Number of Infections

Genus Species

- ACINETOBACTER spp
- ASPERGILLUS
  - Aspergillus fumigatus
  - Aspergillus spp
- BACTEROIDES
  - Bacteroides spp
  - Bacteroides fragilis
- BACILLUS spp
- CANDIDA
  - Candida spp
  - Candida albicans
  - Candida glabrata
- CLOSTRIDIUM
  - Clostridium spp
  - Clostridium perfringens
- CORYNEBACTERIUM spp
- ENTEROBACTER
  - Enterobacter spp
  - Enterobacter cloacae
  - Enterobacter aerogenes
- ENTEROCOCCUS
  - Enterococcus spp
  - Enterococcus faecalis
  - Enterococcus faecalis VRE
  - Enterococcus faecium
  - Enterococcus faecium VRE
- ESCHERICHIA COLI
- KLEBSIELLA
  - Klebsiella spp
  - Klebsiella pneumoniae
  - Klebsiella pneumoniae KPC
  - Klebsiella oxytoca
- PROTEUS
  - Proteus spp
  - Proteus mirabilis
  - Proteus vulgaris
- PSEUDOMONAS
  - Pseudomonas spp
  - Pseudomonas aeruginosa
- SERRATIA
  - Serratia spp
  - Serratia liquefaciens
  - Serratia marcescens
- STAPHYLOCCUS
  - Staphylococcus aureus (MSSA)
<table>
<thead>
<tr>
<th>Genus Species</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Staphylococcus aureus</strong></td>
<td>(MRSA)</td>
</tr>
<tr>
<td><strong>Staphylococcus Lugdunensis</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Staphylococcus Warneri</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Staphylococcus epidermidis</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Staphylococcus coag-neg, not epidermidis</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Stenotrophomonas</strong></td>
<td>Stenotrophomonas spp</td>
</tr>
<tr>
<td><strong>Stenotrophomonas maltophilia</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Streptococcus</strong></td>
<td>Streptococcus spp</td>
</tr>
<tr>
<td><strong>Streptococcus constellatus group</strong></td>
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<td><strong>Streptococcus Group B/agalactiae</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Streptococcus Group A/Strep pyogenes</strong></td>
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</tr>
<tr>
<td><strong>Streptococcus pneumonia</strong></td>
<td></td>
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<tr>
<td><strong>Acinetobacter</strong></td>
<td>ACINETOBACTER spp</td>
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<tr>
<td><strong>Aspergillus</strong></td>
<td>ASPERGILLUS</td>
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<tr>
<td><strong>Aspergillus fumigatus</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Aspergillus spp</strong></td>
<td></td>
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<tr>
<td><strong>Bacteroides</strong></td>
<td>BACTEROIDES</td>
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<tr>
<td><strong>Bacteroides fragilis</strong></td>
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</tr>
<tr>
<td><strong>Bacillus</strong></td>
<td>BACILLUS spp</td>
</tr>
<tr>
<td><strong>Candida</strong></td>
<td>CANDIDA</td>
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<tr>
<td><strong>Candida albicans</strong></td>
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<tr>
<td><strong>Candida glabrata</strong></td>
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<tr>
<td><strong>Clostridium</strong></td>
<td>CLOSTRIDIUM</td>
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<tr>
<td><strong>Clostridium perfringens</strong></td>
<td></td>
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<tr>
<td><strong>Enterobacteriaceae</strong></td>
<td>CORYNEBACTERIUM spp</td>
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<tr>
<td><strong>Enterobacter</strong></td>
<td>ENTEROBACTER</td>
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<tr>
<td><strong>Enterobacter cloacae</strong></td>
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<td><strong>Enterobacter aerogenes</strong></td>
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<tr>
<td><strong>Enterococcus faecalis</strong></td>
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<td><strong>Escherichia coli</strong></td>
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<tr>
<td><strong>Klebsiella</strong></td>
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<tr>
<td><strong>Klebsiella pneumoniae</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Klebsiella pneumoniae KPC</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Klebsiella oxytoca</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Proteus</strong></td>
<td>PROTEUS</td>
</tr>
</tbody>
</table>

**Infection of unknown source**
- Yes
- No
- Unknown

**If yes:**
- Number of Infections
- Genus Species
Proteus spp
Proteus mirabilis
Proteus vulgaris

Pseudomonas spp
Pseudomonas aeruginosa

Serratia spp
Serratia liquefaciens
Serratia marcescens

Staphylococcus aureus (MSSA)
Staphylococcus aureus (MRSA)
Staphylococcus Lugdunensis
Staphylococcus Warneri
Staphylococcus epidermidis
Staphylococcus coag-neg, not epidermidis

Stenotrophomonas spp
Stenotrophomonas maltophilia

Streptococcus spp
Streptococcus constellatus group
Streptococcus Group B/agalactiae
Streptococcus Group C/G
Streptococcus Group A/Strep pyogenes
Streptococcus pneumonia

Other, specify ________________________________

If yes:

Yes
No
Unknown

Specify

Number of Infections

Genus Species

Acinetobacter spp
Aspergillus spp
Aspergillus fumigatus
Aspergillus spp

Bacteroides spp
Bacteroides fragilis

Candida spp
Candida albicans
Candida glabrata

Clostridium spp
Clostridium perfringens

Corynebacterium spp
Enterobacter spp
Enterobacter cloacae
- Enterobacter aerogenes
- **ENTEROCOCCUS**
  - Enterococcus spp
  - Enterococcus faecalis
  - Enterococcus faecalis VRE
  - Enterococcus faecium
  - Enterococcus faecium VRE
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  - Streptococcus spp
  - Streptococcus constellatus group
  - Streptococcus Group B/agalactiae
  - Streptococcus Group C/G
  - Streptococcus Group A/Strep pyogenes
  - Streptococcus pneumonia
- **OTHER, SPECIFY** ____________________________

**IV inotrope therapy within 48 hours of implant**

- Yes
- No
- Unknown

**IV inotrope therapy agents**

- Dobutamine
- Dopamine
- Milrinone
- Levosimendan
- Epinephrine
- Norepinephrine
- Isoproterenol
- Other, specify ____________________________
- Unknown
INTERMACS Patient Profile at time of implant

- **INTERMACS 1**: Critical cardiogenic shock describes a patient who is “crashing and burning”, in which a patient has life-threatening hypotension and rapidly escalating inotropic pressor support, with critical organ hypoperfusion often confirmed by worsening acidosis and lactate levels. This patient can have modifier A or TCS (see ‘Modifiers’ below).

- **INTERMACS 2**: Progressive decline describes a patient who has been demonstrated “dependent” on inotropic support but nonetheless shows signs of continuing deterioration in nutrition, renal function, fluid retention, or other major status indicator. Patient profile 2 can also describe a patient with refractory volume overload, perhaps with evidence of impaired perfusion, in whom inotropic infusions cannot be maintained due to tachyarrhythmias, clinical ischemia, or other intolerance. This patient can have modifiers A or TCS.

- **INTERMACS 3**: Stable but inotrope dependent describes a patient who is clinically stable on mild-moderate doses of intravenous inotropes (or has a temporary circulatory support device) after repeated documentation of failure to wean without symptomatic hypotension, worsening symptoms, or progressive organ dysfunction (usually renal). It is critical to monitor nutrition, renal function, fluid balance, and overall status carefully in order to distinguish between a patient who is truly stable at Patient Profile 3 and a patient who has unappreciated decline rendering them Patient Profile 2. This patient may be either at home or in the hospital. Patient Profile 3 can have modifier A, and if in the hospital with circulatory support can have modifier TCS. If patient is at home most of the time on outpatient inotropic infusion, this patient can have a modifier FF if he or she frequently returns to the hospital.

- **INTERMACS 4**: Resting symptoms describes a patient who is at home on oral therapy but frequently has symptoms of congestion at rest or with ADL. He or she may have orthopnea, shortness of breath during ADL such as dressing or bathing, gastrointestinal symptoms (abdominal discomfort, nausea, poor appetite), disabling ascites or severe lower extremity edema. This patient should be carefully considered for more intensive management and surveillance programs, by which some may be recognized to have poor compliance that would compromise outcomes with any therapy. This patient can have modifiers A and/or FF.

- **INTERMACS 5**: Exertion Intolerant describes a patient who is comfortable at rest but unable to engage in any activity, living predominantly within the house or housebound. This patient has no congestive symptoms, but may have chronically elevated volume status, frequently with renal dysfunction, and may be characterized as exercise intolerant. This patient can have modifiers A and/or FF.

- **INTERMACS 6**: Exertion Limited also describes a patient who is comfortable at rest without evidence of fluid overload, but who is able to do some mild activity. Activities of daily living are comfortable and minor activities outside the home such as visiting friends or going to a restaurant can be performed, but fatigue results within a few minutes or any meaningful physical exertion. This patient has occasional episodes of worsening symptoms and is likely to have had a hospitalization for heart failure within the past year. This patient can have modifiers A and/or FF.

- **INTERMACS 7**: Advanced NYHA Class 3 describes a patient who is clinically stable with a reasonable level of comfortable activity, despite history of previous decompensation that is not recent. This patient is usually able to walk more than a block. Any decompensation requiring intravenous diuretics or...
hospitalization within the previous month should make this person a Patient Profile 6 or lower. This patient may have a modifier A only.

**Modifier ‘A’ – Arrythmia**

- Yes
- No
- Unknown

**Modifier ‘TCS’ – Temporary Circulatory Support**

- Yes
- No
- Unknown

**Modifier ‘FF’ – Frequent Flyer (if usually at home)**

- Yes
- No
- Unknown

**Evidence for Right Heart Failure – closest to implant but not in OR:**

- Peripheral edema
  - Yes
  - No
  - Unknown

- Ascites
  - Yes
  - No
  - Unknown

**Echo Findings – closest to implant but not in OR:**

- Mitral regurgitation
  - 0 (none)
  - 1 (mild)
  - 2 (moderate)
  - 3 (severe)
  - Not Recorded or Not Documented

- Tricuspid regurgitation
  - 0 (none)
  - 1 (mild)
  - 2 (moderate)
  - 3 (severe)
  - Not Recorded or Not Documented

- Aortic regurgitation
  - 0 (none)
  - 1 (mild)
  - 2 (moderate)
  - 3 (severe)
  - Not Recorded or Not Documented

- LVEF
  - > 50 (normal)
  - 40 – 49 (mild)
  - 30 – 39 (moderate)
  - 20 – 29 (moderate/severe)
  - < 20 (severe)
  - Not Recorded or Not Documented

- LVEDD cm
  - Unknown

- RV Function
  - Normal
  - Mild
  - Moderate
  - Severe
  - Not Done
  - Unknown

**Swan Hemodynamics – closest to implant but not in OR**

- Pulmonary artery systolic pressure mm Hg
  - Unknown
  - Not Done

- Pulmonary artery diastolic pressure mm Hg
  - Unknown
  - Not Done
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Units</th>
<th>Status</th>
<th>Status Info</th>
<th>Status Info</th>
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</thead>
<tbody>
<tr>
<td>Mean RA Pressure</td>
<td>mm Hg</td>
<td>Unknown</td>
<td></td>
<td>Not Done</td>
</tr>
<tr>
<td>Central venous pressure (CVP)</td>
<td>mm Hg</td>
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<td></td>
<td>Not Done</td>
</tr>
<tr>
<td>Mean Pulmonary artery wedge pressure</td>
<td>mm Hg</td>
<td>Unknown</td>
<td></td>
<td>Not Done</td>
</tr>
<tr>
<td>Cardiac output</td>
<td>liters min</td>
<td>Unknown</td>
<td></td>
<td>Not Done</td>
</tr>
</tbody>
</table>

**Medications:**

- **Allopurinol**
  - Currently using
  - Known previous use (within past year)
  - No
  - Unknown

- **Angiotensin receptor blocker drug**
  - Currently using
  - Known previous use (within past year)
  - No
  - Unknown

- **Amiodarone**
  - Currently using
  - Known previous use (within past year)
  - No
  - Unknown

- **ACE inhibitors**
  - Currently using
  - Known previous use (within past year)
  - No
  - Unknown

- **Beta-blockers**
  - Currently using
  - Known previous use (within past year)
  - No
  - Unknown

- **Aldosterone antagonist**
  - Currently using
  - Known previous use (within past year)
  - No
  - Unknown

- **Warfarin (Coumadin)**
  - Currently using
  - Known previous use (within past year)
  - No
  - Unknown

- **Antiplatelet therapy drug**
  - Currently using
  - Known previous use (within past year)
  - No
  - Unknown

- **Nesiritide**
  - Yes
  - No
  - Unknown

- **Steroids**
  - Currently using
  - Known previous use (within past year)
  - No
  - Unknown

- **Immunosuppressant**
  - Currently using
  - Known previous use (within past year)
  - No
If yes, then select
- Methotrexate
- Arava (leflunomide)
- Minocin (minocycline)
- Plaquenil (hydroxychloroquine)
- Azulfidine (sulfasalazine)
- Azathioprine (Imuran)
- Cyclosporine (novoal) or other calcineuro inhibitor

**TNF Blockers**
- Currently using
- Known previous use (within past year)
- No
- Unknown

If yes, then select
- Acetmra (tocilizumab)
- Enbrel (etanercept)
- Humira (adalimumab)
- Kineret (anakinra)
- Orencia (abatacept)
- Remicade (infliximab)
- Rituxan (rituximab)
- Cimbria (certolizumab)
- Xeljanz (tofacitinib)
- Simponi (golimumab)

**Disease modifying agents for rheumatoid arthritis**
- Currently using
- Known previous use (within past year)
- No
- Unknown

**Nitric oxide**
- Yes
- No
- Unknown

**Loop diuretics**
- Yes
- No
- Unknown

**Outpatient (prior to admission)**
- Yes
- No
- Unknown

**Inotrope infusion**
- Yes
- No
- Unknown

**Current ICD device in place**
- Yes
- No
- Unknown

**Chronic Resynchronization Therapy (CRT)**
- Yes
- No
- Unknown

**Is patient on Metalozone/Thiazide**
- Yes
- No
- Unknown

If yes, then select
- Regular
- Intermittent

**Is patient on Phosphodiesterase inhibitors**
- Yes
- No
- Unknown

---

**Laboratory:**

<table>
<thead>
<tr>
<th>Test</th>
<th>Units</th>
</tr>
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<tbody>
<tr>
<td>Sodium</td>
<td>mEq/L, mmol/L</td>
</tr>
<tr>
<td>Potassium</td>
<td>mEq/L, mmol/L</td>
</tr>
<tr>
<td>Blood urea nitrogen</td>
<td>mg/dL, mmol/L</td>
</tr>
<tr>
<td>Creatinine</td>
<td>mg/dL, umol/L</td>
</tr>
<tr>
<td>SGPT/ALT (alanine aminotransferase/ALT)</td>
<td>u/L</td>
</tr>
<tr>
<td>SGOT/AST (aspartate aminotransferase/AST)</td>
<td>u/L</td>
</tr>
</tbody>
</table>
### Medical Condition:

**NYHA class:**

- **Class I:** No limitation of physical activity; physical activity does not cause fatigue, palpitation or shortness of breath.
- **Class II:** Slight limitation of physical activity; comfortable at rest, but ordinary physical activity results in fatigue, palpitations or shortness of breath.
- **Class III:** Marked limitation of physical activity; comfortable at rest, but less than ordinary activity causes fatigue, palpitation or shortness of breath.
- **Class IV:** Unable to carry on minimal physical activity without discomfort; symptoms may be present at rest.
- **Unknown**

### Exercise Function:

- **6 minute walk**
- **Gait speed**
- **Peak VO2 Max:** Maximum volume of oxygen the body can consume during exercise
- **R Value at peak**