

3 Month Follow-Up (Fields are for 3 month and 6 month follow-ups).

Was patient seen in the hospital or clinic at follow-up time period (+/- 1 month at 3 month followup)?* YES NO UNK

Reason patient not seen:*

Date of last visit:* mm/dd/yyyy ST=

Other:*

Follow-up date:* mm/dd/yyyy

General Hemodynamics

Heart rate:* beats per min ST=

Systolic BP:* mm Hg ST=

Diastolic BP:* mm Hg ST=

Volume Status (peripheral edema):*

Ascites:* YES NO UNK

ECG rhythm (cardiac rhythm):*

Specify:*

Height:* in cm ST=

Weight:* lbs kg ST=

Echo Hemodynamics

Were Echo Hemodynamics performed at follow-up interval?* YES NO UNK

LVSF:* units ST=

Mitral regurgitation:*

Tricuspid regurgitation:*

Aortic regurgitation:*

LVEF:*

LVEDD:* cm ST=

RVEF:*

Swan Hemodynamics

Is swan in place at follow-up interval?* YES NO UNK

Shunt Ratio (QpQs):* beats per min ST=

Pulmonary artery systolic pressure:* mm Hg ST=

Pulmonary artery diastolic pressure* mm Hg ST=

RA Pressure:* mm Hg ST=

Pulmonary artery wedge pressure:*	mm Hg	ST=
Cardiac output:*	liters min	ST=

Medications

Currently on Inotrope therapy?*

YES	NO	UNK
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List drug:*

- Dopamine
- Dobutamine
- Milrinone
- Isoproterenol
- Epinephrine
- Norepinephrine
- Levosimendan
- Unknown

Nesitiride:*

YES	NO	UNK
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Angiotensin receptor blocker drug:*

YES	NO	UNK
-----	----	-----

Amiodarone:*

YES	NO	UNK
-----	----	-----

ACE inhibitors:*

YES	NO	UNK
-----	----	-----

Beta-blockers:*

YES	NO	UNK
-----	----	-----

Aldosterone antagonist:*

YES	NO	UNK
-----	----	-----

Loop Diuretics:*

YES	NO	UNK
-----	----	-----

Warfarin (coumadin):*

YES	NO	UNK
-----	----	-----

Anteplatelet therapy drug:*

YES	NO	UNK
-----	----	-----

Select drug(s)*

- Aspirin
- Dexpran
- Dipyridamole
- Clopidogrel
- Ticlopidine
- Unknown
- Other, specify

Specify:*

Nitric oxide:*

YES	NO	UNK
-----	----	-----

Laboratory

Sodium:*

mmol/L	ST=
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Potassium:*

mEq/L	ST=
-------	-----

Blood urea nitrogen:*

mg/dL	ST=
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Creatinine:*

mg/dL	ST=
-------	-----

SGPT/ALT:*

u/L	ST=
-----	-----

SGOT/AST:*

u/L	ST=
-----	-----

LDH:*

ST=

U/L

Total bilirubin:*

mg/dL	ST=
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Bilirubin direct:*	mg/dL	ST=		
Bilirubin indirect:*	mg/dL	ST=		
Albumin:*	g/dL	ST=		
Pre-albumin:*	mg/dL	ST=		
Cholesterol:*	mg/dL	ST=		
<i>If value is outside given range please see 'status' drop down field</i>				
Brain natriuretic peptide BNP:*	pg/ml	ST=		
<i>If value is outside given range please see 'status' drop down field</i>				
NT pro brain natriuretic peptide Pro-BNP:*	pg/ml	ST=		
White blood cell count:*	K/uL	ST=		
Reticulocyte count:*	%	ST=		
Hemoglobin:*	mg/dL	ST=		
Platelet:*	K/uL	ST=		
INR:*	international units	ST=		
Plasma-free hemoglobin:*	mg/dL	ST=		
Positive antiheparin/platelet antibody (HIT):*	YES NO UNK			
Is Patient on Direct Thrombin Inhibitors?*	YES NO UNK			
Enter drugs: (check all that apply)*	Aspirin Dipyridamole Plavix Heparin Coumadin Direct thrombin inhibitors (ex: arg, lip, val...)			
TEG profile, MA k:*	max amplitude in kaolin	ST=		
TEG profile, R k:*	reaction time in kaolin	ST=		
TEG profile, R h:*	reaction time w/heparinase	ST=		
CRP (C Reactive Protein):*	mg/L	ST=		
Protein C:*	%	ST=		
Protein S:*	%	ST=		
Anti-phospholipid (IgG):*	gplu/ml	ST=		
Device Parameters				
LVAD device type:*				
RVAD device type:*				
LVAD Device Parameters (pulsatile)				
LVAD flow:*	L/min	ST =		

LVAD - pump drive pressure (pneumatic devices only):* mmHg ST =

LVAD - Select Control Mode:*

LVAD - Fixed - enter rate:* ST =

LVAD Device Parameters (rotary)

LVAD flow:* L/min ST =

LVAD pump speed:* rpm ST =

LVAD power (watts):* watts ST =

LVAD current (amps):* amps ST =

RVAD Device Parameters (pulsatile)

RVAD flow:* L/min ST =

RVAD - pump drive pressure (pneumatic devices only):* mmHg ST =

RVAD - Select Control Mode:*

RVAD - Fixed - enter rate:* ST =

RVAD Device Parameters (rotary)

RVAD flow:* L/min ST =

RVAD pump speed:* rpm ST =

RVAD power (watts):* watts ST =

RVAD current (amps):* amps ST =

Exercise Function

6 minute walk:* feet ST=

VO2 Max:* mL/min ST=

R Value at peak:* % ST=

Medical Condition

NYHA class:*

Ross Classification of Congestive Heart Failure (patient < 6 yrs of age):*

Ross class II:*

- Mild tachypnea with feeds in infant
- Mild diaphoresis with feeds in infant
- Dyspnea on exercise in older children
- Unknown

Ross class III:*

- Marked tachypnea with exertion or with feeding
- Marked diaphoresis with exertion or with feeding
- Unknown

Ross class IV:*

- Tachypnea
- Retractions
- Grunting

Diaphoresis

Unknown

Has patient been rehospitalized since implant hospitalization?*

YES NO UNK

Patient Status

Current device strategy: *

Other, specify: *

Check all that apply: *

- Advanced age
- Fixed pulmonary hypertension
- Patient refuses transplant
- Contraindication to immunotherapy
- Frailty
- Malnutrition/cachexia
- Large BMI
- Musculoskeletal limitations
- History of solid organ cancer
- History of lymphoma, leukemia
- Major stroke
- Renal dysfunction
- Pulmonary disease
- Severe diabetes
- Peripheral vascular disease
- Other comorbidity
- Risk of recurrent infection
- Pulmonary hypertension
- Recent pulmonary embolus
- Allosensitization
- Heparin-induced thrombocytopenia
- Current infection
- Limited cognition/understanding
- Limited social support
- Illicit drug use
- Alcohol abuse
- Still smoking
- Severe depression
- Other major psychiatric diagnosis
- Repeated non-compliance
- Multiple sternotomies
- Mediastinal radiation
- Thoracic aortic disease
- Other, specify
- None

Other, specify: *

Adverse Event Reminders

Appendix A: Adverse Event Definitions

Cardiac Arrhythmia

Did a documented arrhythmia result in clinical compromise

YES NO UNK

since followup/admission?*

Event Date:* mm/dd/yyyy ST=

Type of cardiac arrhythmia:*

Pericardial Fluid Collection

Did a pericardial effusion that required drainage occur since last INTERMACS report/last followup?:*

YES NO UNK

Event date.:* mm/dd/yyyy ST=

Signs of tamponade:*

YES NO UNK

Method of drainage:*

Surgical Intervention Cath Unknown

Hemolysis

Did clinical signs associated with hemolysis (plasma-free hemoglobin PFHgb > 40 mg/dl) occur after the first 72 hours post-implant and since last INTERMACS report/last followup?:*

YES NO UNK

Plasma-free hemoglobin measurement: * mg/dL ST=

Hematocrit measurement: * % ST=

Patient has Hyperbilirubinemia (Total Bilirubin > 2 mg/dl):*

YES NO UNK

Cause of Hemolysis:*

Other, specify:*

Hepatic Dysfunction

Did Clinical evidence of liver dysfunction since last INTERMACS report/last followup occur beyond 14 days post implant?:*

YES NO UNK

Total bilirubin measurement: * mg/dL ST=

SGOT/AST measurement: * u/L ST=

SGPT/ALT measurement: * u/L ST=

Hypertension

Did onset bp >= 140mm Hg systolic or 90mm Hg diastolic (Pediatric patient: > 95th percentile, see definition) occur since last INTERMACS report/last followup?:*

YES NO UNK

Systolic bp: * mm Hg ST=

Diastolic bp: * mm Hg ST=

Myocardial Infarction

Did a myocardial infarction occur since last INTERMACS report/last followup?:*	YES	NO	UNK	
Date of event:*			mm/dd/yyyy	ST=

Psychiatric Episode

Did a disturbance in thinking, emotion or behavior that required intervention occur in patient since last INTERMACS report/last followup?:*	YES	NO	UNK	
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Renal Dysfunction

Did renal dysfunction (by definition) occur since last INTERMACS report/last followup?:*	YES	NO	UNK	
Event date.:			mm/dd/yyyy	ST=
Dialysis duration:*			weeks	ST=
Peak creatinine measurement:*			mg/dL	ST=

Respiratory Failure

Did an impairment of respiratory function requiring intubation or mechanical ventilation occur since last INTERMACS report/last followup?:*	YES	NO	UNK	
Date of event:*			mm/dd/yyyy	ST=
Intubation duration:*			days	ST=
Was a tracheotomy performed?:*	YES	NO	UNK	

Right Heart Failure

Did symptoms or signs of right heart failure occur requiring RVAD implantation or inotropic therapy at least 14 days post implant and since last update?:*	YES	NO	UNK	
Event date.:			mm/dd/yyyy	ST=
Check all signs/symptoms that apply:*	CVP > 18 mmHg			
	CI < 2.0 L/min/M2			
	Ascites			
	Peripheral Edema			

Arterial Non-CNS Thromboembolism

Did an acute perfusion deficit in any non-cerebrovascular organ system occur since last INTERMACS report/last followup?*	YES	NO	UNK	
Date:*			mm/dd/yyyy	ST=

Location:*

Other acute perfusion deficit:*

Confirmation source:*

Anticoagulant therapy at time of event - check all that apply - :*

- Warfarin
- Heparin
- Lovenox
- Aspirin
- Dipyridamole
- Clopidogrel (plavix)
- Argatroban
- Bilvalirudin
- Fondaparinux
- Hirudin
- Lepirudin
- Ximelagatran
- None
- Other

Specify:*

Venous Thromboembolism Event

Evidence of Venous Thromboembolic event since last INTERMACS report/last followup - check all that apply - :*

- Deep Vein thrombosis
- Pulmonary Embolis
- Other, specify
- Unknown
- None

Specify event:*

Enter deep vein thrombosis date: * mm/dd/yyyy ST=

Enter pulmonary embolis date: * mm/dd/yyyy ST=

Enter other date: * mm/dd/yyyy ST=

Anticoagulant therapy at time of event - check all that apply - :*

- Warfarin
- Heparin
- Lovenox
- Aspirin
- Dipyridamole
- Clopidogrel (plavix)
- Argatroban
- Bilvalirudin
- Fondaparinux
- Hirudin
- Lepirudin
- Ximelagatran
- None
- Other

Specify:*

Wound Dehiscence

Did a disruption of the apposed surfaces of surgical incision require surgical repair since last INTERMACS report/last followup?*

YES NO UNK

Date: * mm/dd/yyyy ST=

Other

Did an Other Major Serious Adverse Event occur since last INTERMACS report/last followup?*

YES NO UNK

: *
Other Major Serious Adverse Event since last INTERMACS report/last followup: