

1 Month Post-Implant (Fields for 1 week and 1 month post-implant).

Is patient still in hospital at 1 month (+/- 7 days) from implant surgery?:*

YES NO UNK

Reason patient not seen:*

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

Other:*

Post-Implant 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 reporting 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 reporting 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

List drug:*

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

Nesitiride:* YES NO UNK

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=

Potassium:* mEq/L ST=

Blood urea nitrogen:* mg/dL ST=

Creatinine:* mg/dL ST=

SGPT/ALT:* u/L ST=

SGOT/AST:* u/L ST=

LDH:* ST=

U/L

Total bilirubin:* mg/dL ST=

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=

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

Adverse Event Reminders

Appendix A: Adverse Event Definitions

Cardiac Arrhythmia

Did a documented arrhythmia result in clinical compromise since followup/admission?*

YES NO UNK

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

YES NO UNK

report/last followup occur beyond 14 days post implant?:*

Total bilirubin measurement: * mg/dL ST=

SGOT/AST measurement: * u/L ST=

SGPT/ALT measurement: * u/L ST=

Hypertension

Did onset bp \geq 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

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 Warfarin

of event - check all that apply
- :*

- 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: