1 Week Followup

Please answer all questions considering all time since the previous visit and current follow-up date. Data closest to or on visit date is preferred.

Followup Status

Select one of the following
- ○ Inpatient
- ○ Outpatient
- ○ Other Facility
- ○ Unable to obtain follow-up information

Follow-up date
MM/DD/YYYY

[   ]

Facility Type
- ○ Nursing Home/Assisted Care
- ○ Hospice
- ○ Another hospital
- ○ Rehabilitation Facility
- ○ Unknown

State reason why you are unable to obtain follow-up information
- ○ Patient didn't come to clinic
- ○ Not able to contact patient
- ○ Not addressed by site

Was patient intubated?
- ○ Yes
- ○ No
- ○ Unknown

Was patient on dialysis?
- ○ Yes
- ○ No
- ○ Unknown

Pump Change

Pump Exchange
Was there a pump exchange of a para- or extra-corporeal pump?
- ○ Yes
- ○ No
- ○ Unknown

Pump Exchange Reason
- ○ Thrombus not associated with hemolysis
- ○ Change in hemodynamics
- ○ Clinical status
- ○ Device parameters (please enter Device Malfunction Form)
- ○ Upsizing device because of patient growth status

Was there a Console Change?
- ○ Yes
- ○ No
- ○ Unknown

Date of console change
MM/DD/YYYY

[   ]

ST= ○ Unknown

Original Console Name

[   ]

New Console Name

[   ]

Medical Condition

NYHA Class
- ○ Class I: No limitation of physical activity; physical activity does not cause

| New York Heart Association Class for heart failure | 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

ZONES

Hemolysis Zone

Information that you provide in this section will be used to assess the existence of hemolysis and its degree.

Note: You may enter either the PFh or LDH.

Please enter the peak Plasma-free hemoglobin (PFH) since the last visit:

ST= ○Unknown
○Not Done

What is your hospital's upper limit of the normal range of peak PFH?

ST= ○Unknown
○Not Done

Please enter the peak serum lactate dehydrogenase (LDH) since the last visit:

ST= ○Unknown
○Not Done

What is your hospital's upper limit of the normal range of LDH?

ST= ○Unknown
○Not Done

Enter the Maximum and Minimum HCT or HGB since the last visit.

Min. HCT:

ST= ○Unknown
○Not Done

Max. HCT:

ST= ○Unknown
○Not Done

Min. HGB:

ST= ○Unknown
○Not Done

Max. HGB:

ST= ○Unknown
○Not Done

Highest Total Bilirubin since the last visit:

ST= ○Unknown
○Not Done

Has the following been present at any time since the last visit?

Physical Findings:

Hemoglobinuria (Tea-Colored Urine)?	○ Yes ○ No ○ Unknown
Pump malfunction and/or abnormal pump parameters?	○ Yes ○ No ○ Unknown

Right Heart Failure Zone

Information that you provide in this section will be used to assess the existence of right heart failure and its degree.

Clinical Findings – Since the last visit.

CVP or RAP > 16 mmHg?	○ Yes ○ No ○ Unknown
Dilated Vena Cava with absence of Inspiratory Variation by Echo?	○ Yes ○ No ○ Unknown
Clinical findings of elevated jugular venous distension at least half way up the neck in an upright patient?	○ Yes ○ No ○ Unknown
Peripheral Edema?	○ Yes ○ No ○ Unknown
Ascites?	○ Yes ○ No ○ Unknown
Has the patient been on Inotropes since the last visit or rehospitalization?	○ Yes ○ No ○ Unknown
If yes, select all that apply:	☐ Dopamine ☐ Dobutamine ☐ Milrinone ☐ Isoproterenol ☐ Epinephrine ☐ Norepinephrine ☐ Levosimendan ☐ Unknown
Nesiritide?	○ Yes ○ No ○ Unknown
Has the patient had a RVAD implant since the last visit or rehospitalization?	○ Yes ○ No ○ Unknown
Has the patient experienced a Neurological Event since time of implant? Note: This applies only to patients who have had a	○ Yes ○ No ○ Unknown

CVA, TIA or Anoxic Brain Injury.

If yes, provide Modified Rankin Scale:

○ 0 – No symptoms at all
○ 1 - No Significant disability: despite symptoms: able to carry out all usual duties and activities
○ 2 - Slight disability: unable to carry out all previous activities but able to look after own affairs without assistance
○ 3 - Moderate disability: requiring some help, but able to walk without assistance.
○ 4 - Moderately severe disability: unable to walk without assistance, and unable to attend to own bodily needs without assistance.
○ 5 - Severe disability: bedridden, incontinent and requiring constant nursing care and attention.
○ 6 - Dead

ST= ○Not Documented
○Not Done

CVA, TIA or Anoxic Brain Injury.

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Hemodynamics

General Hemodynamics (during report interval)

Heart rate

[   ] beats per min

ST= ○Unknown
○Not done

Systolic blood pressure

[   ] mmHg

ST= ○Unknown
○Not done

Diastolic blood pressure

[   ] mmHg

ST= ○Unknown
○Not done

Doppler Opening Pressure

Record the pressure on the BP cuff at the time of sound on the doppler as the cuff is released and this is the Doppler opening pressure which may correspond to the MAP.

[   ]

ST= ○Unknown
○Not done
○Not applicable

ECG rhythm
(cardiac rhythm)

○Sinus
○Atrial fibrillation
○Atrial Flutter
○Paced: Atrial pacing
○Paced: Ventricular pacing
○Paced: Atrial and ventricular pacing
○Not done
○Unknown
○Other, specify

[   ]

Weight

Enter the weight of the patient at the time of follow-up in the appropriate space, in pounds or kilograms. The weight must fall between 5 and 600 pounds or 2 and 273 kilograms.

[   ] lbs

[   ] kg

ST= ○Unknown
○Not done

Echo Findings (during report interval)

Mitral regurgitation

Mitral regurgitation should be recorded on a qualitative scale (if 'trivial' then assign as mild). Moderate-severe would be recorded as "severe".

○0 (none)
○1 (mild)
○2 (moderate)
○3 (severe)
○Not Recorded or Not Documented

Tricuspid regurgitation

Tricuspid regurgitation should be recorded on a qualitative scale (if 'trivial' then assign as mild). Moderate-severe would be recorded as "severe".

○0 (none)
○1 (mild)
○2 (moderate)
○3 (severe)
○Not Recorded or Not Documented

Aortic regurgitation

Aortic regurgitation should be recorded on a qualitative scale (if 'trivial' then assign as mild). Moderate-severe would be recorded as "severe".

- ○ 0 (none)
- ○ 1 (mild)
- ○ 2 (moderate)
- ○ 3 (severe)
- ○ Not Recorded or Not Documented
- ○ Not Applicable
- ○ Unknown

LVEF

Left ventricular ejection fraction.

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

If a number or range is available, check the number range that best applies. For example, a reported ejection fraction of 30-35 would be entered as 30-40. Occasionally the LVEF may be described only as "left ventricular function" or "systolic function" in words. "Mild impairment, mildly reduced, or mild decrease" would all be characterized as "mild".

LVEDD

Left ventricular end-diastolic dimension

[   ] cm

ST= ○ Not Recorded or Not Documented

RVEF

- ○ Normal
- ○ Mild
- ○ Moderate
- ○ Severe
- ○ Not Done
- ○ Not Applicable
- ○ Unknown

RV Function is generally NOT measured in numbers, as it is difficult to quantify. It may be described as "right ventricular function" or "right ventricular contractility". "Mild impairment, mildly reduced, or mild decrease" would all be characterized as "mild". Again, mild-moderate would be recorded as moderate, and moderate-severe would be recorded as "severe".

Swan Hemodynamics (during report interval)

Pulmonary artery systolic pressure

[   ] mmHg

ST= ○ Unknown
○ Not done

Pulmonary artery diastolic pressure

[   ] mmHg

ST= ○ Unknown
○ Not done

Mean RA Pressure

[   ] mmHg

ST= ○ Unknown
○ Not done

Central venous pressure (CVP)

[   ] mmHg

ST= ○ Unknown
○ Not done

Mean Pulmonary artery wedge pressure

[   ] mmHg

ST= ○ Unknown
○ Not done

Cardiac Index   [   ] L/min/M^2 (by Swan)

ST= ◯Unknown
◯Not done

Cardiac output   [   ] Liters/min

ST= ◯Unknown
◯Not done

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Medications

Mark whether the medications have been used during the follow-up period (since implant).

Angiotensin receptor blocker drug
- ○ Yes
- ○ No
- ○ Unknown

Amiodarone
- ○ Yes
- ○ No
- ○ Unknown

ACE inhibitors
- ○ Yes
- ○ No
- ○ Unknown

Anti-thrombolitic
- ○ Yes
- ○ No
- ○ Unknown

Beta-blockers
- ○ Yes
- ○ No
- ○ Unknown

Aldosterone antagonist
- ○ Yes
- ○ No
- ○ Unknown

Lovenox
- ○ Yes
- ○ No
- ○ Unknown

Warfarin (coumadin)
- ○ Yes
- ○ No
- ○ Unknown

Arixtra (fondaparinux)
- ○ Yes
- ○ No
- ○ Unknown

Antiplatelet therapy drug
- ○ Yes
- ○ No
- ○ Unknown

Select drug(s)
- ☐ Aspirin
- ☐ Dextran
- ☐ Dipyridamole
- ☐ Clopidogrel
- ☐ Ticlopidine
- ☐ Unknown
- ☐ Other, specify

Nitric oxide
- ○ Yes
- ○ No

○ Unknown

Phosphodiesterase inhibitor
Please enter only for the indication of Pulmonary Hypertension or Right Heart Failure

○ Yes
○ No
○ Unknown

Digoxin

○ Yes
○ No
○ Unknown

Loop diuretics

○ Yes
○ No
○ Unknown

If yes, enter dosage:

[ ] mg/day
ST= ○Unknown

Type of Loop Diuretic:

☐ Furosemide
☐ Torsemide
☐ Bumetanide
☐ Other

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Laboratory

Sodium		mEq/L
		mmol/L

ST= ○Unknown
○Not done

Potassium		mEq/L
		mmol/L

ST= ○Unknown
○Not done

Blood urea nitrogen		mg/dL
		mmol/L

ST= ○Unknown
○Not done

Creatinine		mg/dL
		umol/L

ST= ○Unknown
○Not done

SGPT/ALT (alanine aminotransferase/ALT)		u/L

ST= ○Unknown
○Not done

SGOT/AST (aspartate aminotransferase/AST)		u/L

ST= ○Unknown
○Not done

LDH		units/L, U/L, ukat/L

ST= ○Unknown
○Not done

Total bilirubin		mg/dL
		umol/L

ST= ○Unknown
○Not done

Bilirubin direct		mg/dL
		umol/L

ST= ○Unknown
○Not Done

Bilirubin indirect		mg/dL
		umol/L

ST= ○Unknown
○Not Done

Albumin

[   ] g/dL

[   ] g/L

ST= ○Unknown
○Not done

Pre-albumin

[   ] mg/dL

[   ] mg/L

ST= ○Unknown
○Not done

Total Cholesterol

If value is outside given range please see 'Status (ST=)' drop down field.
If < 50 mg/dl select from the 'status' drop down field.

[   ] mg/dL

[   ] mmol/L

ST= ○< 50 mg/dL
○Unknown
○Not done

Brain natriuretic peptide BNP

If value is outside given range please see 'status (ST=)' drop down field.
If > 7500 pg/mL select from the 'status' drop down field.

[   ] pg/ml

[   ] ng/L

ST= ○> 7500 pg/mL
○Unknown
○Not done

NT pro brain natriuretic peptide Pro-BNP

[   ] pg/ml

[   ] ng/L

ST= ○Unknown
○Not done

White blood cell count

[   ] x10^3/uL

[   ] x10^9/uL

ST= ○Unknown
○Not done

Reticulocyte count

[   ] %

ST= ○Unknown
○Not Done

Hemoglobin

[   ] g/dL

[   ] g/L

[   ] mmol/L

ST= ○Unknown
○Not done

Platelets

[   ] x10^3/uL

[   ] x10^9/uL

ST= ○Unknown
○Not done

INR	[_____]	international units

ST= ○Unknown
○Not done

Plasma-free hemoglobin	[_____]	mg/dL
	[_____]	g/L

ST= ○Unknown
○Not Done

Positive antiheparin/platelet antibody (HIT)
○ Yes
○ No
○ Unknown

If Yes, are they on direct thrombin inhibitors
○ Yes
○ No
○ Unknown

If Yes, Enter Drugs:
☐ Plavix
☐ Heparin
☐ Coumadin
☐ Direct thrombin inhibitors (ex: arg, lip, val…)
☐ Aspirin
☐ Dipyridamole

ThrombElastoGraph Hemostasis System (TEG) profile, MA k	[_____]	max amplitude in kaolin

ST= ○Unknown
○Not Done

ThrombElastoGraph Hemostasis System (TEG) profile, R k	[_____]	reaction time in kaolin

ST= ○Unknown
○Not Done

ThrombElastoGraph HemostasisSystem (TEG) profile, R h	[_____]	reaction time w/heparinase

ST= ○Unknown
○Not Done

CRP or hs-CRP C Reactive Protein	[_____]	mg/dL

ST= ○Unknown
○Not done

Lupus Anticoagulant
○ Positive
○ Negative
○ Unknown

Uric acid	[_____]	mg/dL
	[_____]	umol/L

ST= ○Unknown
○Not done