

	Orders Pets/Proto	Phase cols/PowerPlans
☑	Initiate P	owerplan Phase Phase: LEB VAD Cardiovascular Surgery Post Op Phase, When to Initiate:
		ovascular Surgery Post Op Plan sfer/Discharge
	Transfer	Pt within current facility Level of Care: Critical Care, To CVICU
Vital Si	gns	
	Vital Sigr	ns w/Neuro Checks Monitor and Record T,P,R,BP, q15min, x 2h or until stable, then q1h
Activity	<i>'</i>	
	Bedrest	
Food/N	utrition	
Ш	NPO	
Dations	Como	Start at: T
Patient		Dist As Talayatad
Ь	Advance	Diet As Tolerated Advance diet as tolerated after extubation
	Isolation	Precautions
	Intake ar	nd Output
	D-::\/-	Routine, q1h(std)
	Daily We	ignts Routine, qEve
	NIRS Mo	
П	O !!	Monitor: Cerebral and Somatic
	Cardiopu	llmonary Monitor Routine, Monitor Type: CP Monitor
		nue CP Monitor When ALL Criteria met: No NG-Tube, No PCA, No Chest Tube, No Sepsis Alert notified, PEWS of C and 24 hour post op.
		Head Of Bed
	Mouth Ca	
		q4h(std), with Toothette oral swabs, use colostrum, if available.
	Suction Patient prn, PRN, oro/nasopharyngeal once extubated.	
	_ · · · · · · · · · · · · · · · · · · ·	
		NG Tube Type: Replogle, Suction Strength: To Gravity (DEF)*
		NG Tube Type: Replogle, Suction Strength: Low Intermittent
	Chest Tu	



	_
	To Suction At: -20cm (DEF)*
	☐ To Suction At: -30cm
	\square q1h(std), strip to maintain patency q1h and PRN
	Drain Care
	empty blake/JP drains q1h
	Drain Care
	PD drain to gravity.
	Indwelling Urinary Catheter Care indwelling urinary catheter to gravity.
	Whole Blood Glucose Nsg
	Routine, q1h(std)
	Whole Blood Glucose Nsg
	prn, PRN
	Antiseptic Patch Apply TAN if shill is greater than 1000grome, apply Bianatab to central line dragging site immediately.
	T;N, if child is greater than 1000grams, apply Biopatch to central line dressing site immediately postoperatively.
	Dressing Care
	Routine, Action: Change, QWeek, CVL dressing (DEF)*
	Routine, Action: Change, prn, PRN, occlusive dry dressings to incision sites and drain sites, if
	soiled or becomes non-occlusive.
	VAD Dressing Care
	Action: Change, per VAD protocol
	Temporary Pacemaker Critical Care
	Special Instructions: Atrial wires in situ
ш	Temporary Pacemaker Critical Care Special Instructions: Ventricle wires in situ
	Initiate Post Op Pulmonary Hypertension Protocol
	VAD Communication
	T;N, Draw ACT PCT (RT Collect) from patient for baseline, then draw q1h and PRN (for changes in
	patient status) from ECMO circuit.
	VAD Communication TAN Feeds shift worth, that 1 unit RRPC's is evailable in the blood bank.
П	T;N, Each shift verify that 1 unit PRBC's is available in the blood bank VAD Communication
	T;N, VAD goal parameters: CVP:< or >, MAP:< or >, SBP:< or >
	Fluid Balance:< or >, HR:< or >, O2 Sat: < or >, Temp:< or >
N1	, Hgb: < or >, pH: < or >
Nursin	ng Communication
	Nursing Communication T;N, Volume: Place order to administer FFP's,mL over 1 hour if mean arterial pressure less
	than and central venous pressure less than and HCT greater than



	Nursing Communication
	T;N, Volume: Place order to administer PRBC'smL over 1 hour for mean arterial pressure less than and the central venous pressure less than and HCT less than
	Nursing Communication T;N, Place order to administer PRBC'smL over 1 hour for if HCT less than
	Nursing Communication T;N, Goal mean arterial pressure to mmHg
Respir	ratory Care
	LEB Critical Care Respiratory Plan(SUB)*
	Oxygen Delivery
	Special Instructions: Titrate to keep O2 sat at to%
	ISTAT POC (RT Collect) T;N Stat, Test Select ABG Electrolytes Lactate, Special Instructions: Collect upon arrival to unit
	ISTAT POC (RT Collect) T;N+60 Stat q1h For 2 occurrence, Test Select ABG Electrolytes Lactate
	ISTAT POC (RT Collect) T;N+240 Stat q2h For 2 occurrence, Test Select ABG Electrolytes Lactate
	ISTAT POC (RT Collect) T;N+600 Stat q4h, Test Select ABG Electrolytes Lactate
	ACT Point of Care (RT Collect)
	Stat (DT 0 H)
	Co-oximetry (RT Collect) Routine q12h(std)
	Nitric Oxide (RT)
^	20 ppm, per iNO protocol
Contin	nuous Infusion
ш	D5 1/4 NS 500 mL, IV, Routine, mL/hr, Max rate 40mL/hr
	D5 1/2NS
	500 mL, IV, mL/hr, Max rate 40mL/hr
	D10 1/4 NS (Pediatric) (IVS)*
_	Dextrose 10% in Water
	250 mL, IV, Routine, mL/hr, Max rate 40mL/hr
	sodium chloride
	9.6 mEq
	D5W
	500 mL, IV, Routine, 1 mL/hr Comments: To be administered via one of the following: CVP Line LAP Line PAP Line
	Sodium Chloride 0.9% Bolus
	mL, Injection, IV, once, STAT, (infuse over 15 min), (Bolus)



	albumin, human 5% Bolus
Vasna	mL, Injection, IV, once, STAT, (infuse over 30 min), (Bolus) active Medications
	EPINEPHrine Drip (Pediatric) (IVS)* Dextrose 5% in Water
	95 mL, IV, Routine, Reference Range: 0.01 to 0.2 mcg/kg/min
	Comments: Reference Range: 0.01 to 0.2 mcg/kg/min
	EPINEPHrine (additive)
	5 mg, 0.1 mcg/kg/min
	NORepinephrine Drip (Pediatric) (IVS)*
	Dextrose 5% in Water
	96 mL, IV, Routine, Reference Range: 0.01 to 0.2 mcg/kg/min
	norepinephrine
П	4 mg, 0.1 mcg/kg/min
ш	DOBUTamine Drip (Pediatric) (IVS)*
	Diluent volume 250 mL, IV, Routine, Reference Range: 2 to 20 mcg/kg/min
	DOBUTamine
	500 mg, 10 mcg/kg/min
	Milrinone Drip (Pediatric) (IVS)*
	Diluent volume
	100 mL, IV, Routine, 0.25 to 1 mcg/kg/min
	milrinone (additive)
	20 mg, 0.5 mcg/kg/min
ш	Nitroglycerin Drip (Pediatric) (IVS)* Diluent volume
	250 mL, IV, Routine, Reference Range: 1 to 4 mcg/kg/min
	nitroglycerin (additive) pediatric
	100 mg, 1 mcg/kg/min
	NitroPRUSSIDE Drip (Pediatric) (IVS)*
	Dextrose 5% in Water
	98 mL, IV, Routine, Reference Range: 0.25 to 4mcg/kg/min
	nitroprusside
	50 mg, 1 mcg/kg/min
Ш	NiCARdipine Drip (Pediatric) (IVS)*
	Diluent volume
	200 mL, IV, Routine niCARdipine (additive)
	40 mg, 1 mcg/kg/min
Electro	olytes
	Calcium Chloride Drip (Pediatric) (IVS)*
	Dextrose 5% in Water
	30 mL, IV, Routine, Reference Range: 2 to 10 mg/kg/hr





calcium chloride (additive) 2,000 mg, 5 mg/kg/hr **Diuretics** Lasix Drip (Pediatric) (IVS)* Dextrose 5% in Water 30 mL, IV, Routine, Reference Range: 2.5 to 10 mg/kg/day furosemide (additive) pediatric 100 mg, 5 mg/kg/day Bumex Drip (Pediatric) (IVS)* Dextrose 5% in Water 30 mL, IV, Routine, 2.5 to 10 mcg/kg/hr bumetanide (additive) 2.5 mg, 4 mcg/kg/hr **Anticoagulants** Heparin Drip (Pediatric) (IVS)* Diluent volume heparin (additive) 25,000 units Sedatives FentaNYL Drip (Pediatric) (IVS)* Dextrose 5% in Water 15 mL, IV, Routine fentanyl (additive) 500 mcg, 1 mcg/kg/hr MorPHINE Drip (Pediatric) (IVS)* Dextrose 5% in Water 49.5 mL, IV, Routine morPHINE (additive) 5 mg, 0.05 mg/kg/hr Midazolam Drip (Pediatric) (IVS)* Dextrose 5% in Water 15 mL, IV, Routine midazolam (additive) 50 mg, 0.1 mg/kg/hr **Paralytics** Vecuronium Drip (Pediatric) (IVS)* Diluent volume 30 mL, IV, Routine vecuronium (additive) 30 mg, 0.1 mg/kg/hr Cisatracurium Drip (Pediatric) (IVS)* Diluent volume 20 mL, IV, Routine



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Physician Orders PEDIATRIC: LEB VAD Cardiovascular Surgery Post Op Plan

cisatracurium (additive) 40 mg, 3 mcg/kg/min

Medica	ations
	+1 Hours ceFAZolin
	25 mg/kg, Ped Injectable, IV Piggyback, q6h, Routine, (for 8 dose), For Pump Cases, Max dose
_	gram gram
	+1 Hours ceFAZolin
	25 mg/kg, Ped Injectable, IV Piggyback, q6h, Routine, (for 4 dose), For Non-Pump Cases, Max
	dose = 1 gram
	Vancomycin may be given if patient has allergy to cephalosporins(NOTE)*
	+1 Hours vancomycin
	10 mg/kg, Ped Injectable, IV, q8h, Routine, (for 6 dose), Max dose = 1 gram
	+1 Hours ondansetron
	0.1 mg/kg, Injection, IV Piggyback, q6h, PRN Nausea/Vomiting, Routine, Max dose = 4mg
	+1 Hours pantoprazole
	1 mg/kg, Injection, IV Piggyback, q24h, Routine, Max dose = 40mg
	+1 Hours famotidine
	0.25 mg/kg, Injection, IV, q12h, Routine, Max Daily Dose = 40 mg/day
	+1 Hours diphenhydrAMINE
Anti U	1 mg/kg, Ped Injectable, IV, q6h, PRN Nausea, Max dose = 50 mg
_	ypertensives
	+1 Hours hydrALAZINE 0.2 mg/kg, Ped Injectable, IV, q4h, PRN Hypertension, (Maximum dose = 20 mg)
	Comments: Administer one dose and MD to evaluate if dose change needed.
	+1 Hours phentolamine
_	0.1 mg/kg, Ped Injectable, IV, q1h, PRN Other, specify in Comment
	Comments: SBP >, Mean BP > Comment: Max dose=5mg
Analge	
	+1 Hours morphine
	0.1 mg/kg, Injection, IV, q1h, PRN Pain, STAT, Max dose = 5 mg
Anti-py	yretics
	+1 Hours acetaminophen
	10 mg/kg, Liq, PO, q4h, PRN Pain or Fever, Max Dose = 75 mg/kg/day up to 4g/day
_	Comments: For temperature greater than 38
	+1 Hours acetaminophen
	10 mg/kg, Supp, PR, q4h, PRN Pain or Fever, Max Dose = 75 mg/kg/day up to 4g/day
	Comments: For temperature greater than 38
Bowel	
Ш	+1 Hours glycerin suppository (pediatric)
	1 supp, Supp, PR, q24h, PRN Other, specify in Comment, Routine
	Comments: For no stool for 24 hours
	+1 Days polyethylene glycol 3350



	8.5 g, Powder, PO, QDay, PRN Constipation, Routine
	Comments: to be started morning after procedure
	+1 Days polyethylene glycol 3350
	17 g, Powder, PO, QDay, PRN Constipation, Routine
_	Comments: to be started morning after procedure
	+1 Days docusate
	2.5 mg/kg, Oral Susp, PO, bid, Routine, (1 mL = 10 mg)
	Comments: to be started morning after procedure
	+1 Days docusate 50 mg, Cap, PO, bid, Routine
	Comments: to be started morning after procedure
	+1 Days docusate
_	100 mg, Cap, PO, bid, Routine
	Comments: to be started morning after procedure
Electro	olytes
Ш	+1 Hours potassium chloride
	0.5 mEq/Kg, Ped Injectable, IV, q4h, PRN Other, specify in Comment, Routine
	Comments: Potassium less than or equal to 3.5, Max dose = 40 mEq
ш	+1 Hours potassium chloride 1 mEq/Kg, Ped Injectable, IV, q4h, PRN Other, specify in Comment, Routine
	Comments: Potassium less than or equal to 3, Max dose = 40 mEq
	+1 Hours calcium chloride
	10 mg/kg, Injection, IV, q4h, PRN, Routine
_	Comments: Calcium less than 1.3, Max dose = 1 gram
	+1 Hours magnesium sulfate
	15 mg/kg, Injection, IV, q4h, PRN Other, specify in Comment, Routine
Diuret	Comments: Magnesium less than 2.0, Max dose = 2 grams
	+1 Hours furosemide
_	1 mg/kg, Ped Injectable, IV Push, q6h, Routine, Max dose = 40 mg
	+1 Hours furosemide
	1 mg/kg, Ped Injectable, IV Push, q8h, Routine, Max dose = 40 mg
	+1 Hours furosemide
	1 mg/kg, Ped Injectable, IV Push, q12h, Routine, Max dose = 40 mg
	+8 Hours bumetanide
	0.025 mg/kg, Ped Injectable, IV, q24h, Routine
	Comments: Check with MD prior to administration of first dose
Ш	+8 Hours Diuril pediatric
	3 mg/kg, Ped Injectable, IV, q12h, Routine Comments: Check with MD prior to administration of first dose
Respir	ratory Medications
	+1 Hours albuterol (MDI)



		2 puff, MDI, INH, q4h, Routine, (for 6 dose), 1 puff = 90 mcg
Labora	tory	
	BNP	
		STAT, T;N, once, Type: Blood, Nurse Collect Comments: Collect upon arrival to unit.
	Troponin	•
	Troponin	-ı STAT, T;N, once, Type: Blood, Nurse Collect
	Antithron	nbin III Level
		STAT, T;N, once, Type: Blood, Nurse Collect Comments: Collect upon arrival to unit.
	A mydooo	·
	Amylase	STAT, T;N, once, Type: Blood, Nurse Collect
_		Comments: Collect upon arrival to unit.
	Lipase Le	evel
		STAT, T;N, once, Type: Blood, Nurse Collect
		Comments: Collect upon arrival to unit.
	CBC	
		STAT, T;N, once, Type: Blood, Nurse Collect
		Comments: Collect upon arrival to unit.
	CMP	·
_	0	STAT, T;N, once, Type: Blood, Nurse Collect
		Comments: Collect upon arrival to unit.
	PT/INR	commond concertapen annual to annu
	F I/IINIX	STAT, T;N, once, Type: Blood, Nurse Collect
		Comments: Collect upon arrival to unit.
	DTT	Comments. Conect apon arrival to unit.
ш	PTT	OTAT TALL OF THE DISTANCE OF THE
		STAT, T;N, once, Type: Blood, Nurse Collect
		Comments: Collect upon arrival to unit.
	Fibrinoge	
		STAT, T;N, once, Type: Blood, Nurse Collect
_		Comments: Collect upon arrival to unit.
	Magnesi	um Level
		STAT, T;N, once, Type: Blood, Nurse Collect
		Comments: Collect upon arrival to unit.
	CBC	
		Routine, T;N+720, once, Type: Blood, Nurse Collect
	CMP	, , , , , , , , , , , , , , , , , , ,
_	Olvii	Routine, T+1;0400, once, Type: Blood, Nurse Collect
	DT/IND	Troduito, 111,0100, 01100, 19po. Blood, Ivaldo Collect
	PT/INR	Pouting Ty 1:0400 c24h Type: Pland Nurse Callest
	БТТ	Routine, T+1;0400, q24h, Type: Blood, Nurse Collect
	PTT	





	Routine, T+1;0400, q24h, Type: Blood, Nurse Collect
	Hepzyme
	Routine, T+1;0400, q24h, Type: Blood, Nurse Collect
	Fibrinogen Level Routine, T+1;0400, q24h, Type: Blood, Nurse Collect
	D-Dimer Quantitative
_	Routine, T+1;0400, q24h, Type: Blood, Nurse Collect
	Antithrombin III Level
	Routine, T+1;0400, q24h, Type: Blood, Nurse Collect
П	HIT/Heparin Platelet Antibody Routine, T+1, q24h, Type: Blood, Nurse Collect
$\overline{\mathbf{A}}$	TEG-LeBonheur
	Time Study, T+1;0800, q24h, Type: Blood, Nurse Collect
	CBC Routine, T+1;0400, q24h, Type: Blood, Nurse Collect
	CRP
	Routine, T+1;0400, q24h, Type: Blood, Nurse Collect
	BNP
П	Routine, T+1;0400, qam x 3 day, Type: Blood, Nurse Collect BNP Pro
ш	Routine, T+1;0400, qam x 3 day, Type: Blood, Nurse Collect
	Troponin-I
	Routine, T+1;0400, qam x 3 day, Type: Blood, Nurse Collect
	Amylase Level Routine, T+1;0400, qam x 3 day, Type: Blood, Nurse Collect
	Lipase Level
	Routine, T+1;0400, qam x 3 day, Type: Blood, Nurse Collect
	LDH
	Routine, T+1;0400, qam x 3 day, Type: Blood, Nurse Collect
ш	Plasma Hemoglobin Routine, T+1, q24h, Type: Blood, Nurse Collect
	CMP
_	Routine, T+2;0400, qam x 3 day, Type: Blood, Nurse Collect
	Magnesium Level
	Routine, T+2;0400, qam x 3 day, Type: Blood, Nurse Collect Methemoglobin
_	Time Study, T;N, q12h, Type: Blood, Nurse Collect
_	Comments: If patient on inhaled nitric oxide.
	Prealbumin
	Routine, T+1, once, Type: Blood, Nurse Collect





	Phosphorus Level Routine, T+1, once, Type: Blood, Nurse Collect
	Triglyceride
	Routine, T+1, once, Type: Blood, Nurse Collect Prealbumin Provided Type: Blood, Nurse Collect
	Routine, T+1;0400, Monday, Type: Blood, Nurse Collect Phosphorus Level
	Routine, T+1;0400, Monday, Type: Blood, Nurse Collect Triglyceride
	Routine, T+1;0400, Monday, Type: Blood, Nurse Collect Platelet Mapping
	Routine, T+1, qam x 7 day, Type: Blood, Nurse Collect Platelet Mapping
	Routine, T+7, MonThu x 7 day, Type: Blood, Nurse Collect Platelet Mapping
	Routine, T+14, Monday, Type: Blood, Nurse Collect estic Tests
	Electrocardiogram
	Start at: T;N, Priority: Stat, Reason: Other, specify, Post-op cardiovascular surgery, Transport: Portable, Perform upon arrival to unit
	Comments: Perform upon arrival to unit
	Chest 1VW Frontal T;N, Reason for Exam: Other, Enter in Comments, Stat, Portable Comments: Reason for exam: Post-op cardiovascular surgery. Perform upon arrival to unit
	Chest 1VW Frontal T+1, 0600, Reason for Exam: Other, Enter in Comments, Routine, Portable
	Comments: Reason for exam: Post-op cardiovascular surgery.
	Chest 1VW Frontal
	T+2, 0600, Reason for Exam: Other, Enter in Comments, Routine Comments: Reason for exam: Post-op cardiovascular surgery.
	Echocardiogram Pediatric (0-18 yrs) Start at: T+1, 0600, Priority: Routine, Reason: Other, specify, Other reason: Assess LVEF, LVSF, LVEDD, Intraventricular septal position, right ventricular function: Comments: Assess LVEF, LVSF, LVEDD, Intraventricular septal position, right ventricular function: qualitative, tricuspid
Consu	Its/Notifications/Referrals
	Notify Physician-Continuing
_	Notify For: Notify if chest tube output is 10mL/kg/hr or greater, leakage, dislodgement, or for other significant changes in chest tube output.
	Notify Physician-Continuing Notify For: Notify if urinary output is < 1mL/kg/hr.



Dat	e Time Physician's Signature MD Number
	T+2;N, Routine
	Occupational Therapy Ped Eval & Tx
	T+2;N, Routine
	Physical Therapy Ped Eval & Tx
ш	Child Life Consult T+2:N Routine
П	Reason for Consult: Family Support
	Consult Pastoral Care
_	Reason: Assistance at Discharge
	Medical Social Work Consult
	Dietitian Consult/Nutrition Therapy
_	Routine, Reason: Parenteral Nutrition Support
	Nutritional Support Team Consult
ш	Notify Physician-Continuing Notify For: Notify if patient experiences nausea/vomiting.
П	Notify Physician Continuing

*Report Legend:

DEF - This order sentence is the default for the selected order

GOAL - This component is a goal

IND - This component is an indicator

INT - This component is an intervention

IVS - This component is an IV Set

NOTE - This component is a note

Rx - This component is a prescription

SUB - This component is a sub phase, see separate sheet

R-Required order

