Cardiac Surgery Pre-Op Outpatient (Ambulatory) [3683]

The Cardiac Surgery Pre-Op Outpatient (Ambulatory) order set is for outpatients: PAT and Day of Surgery orders. For patients currently admitted to the hospital, please use the Cardiac Surgery Pre-Op Inpatient order set.

Pre Anesthesia Testing Orders

Pre Anesthesia Testing Orders

The orders in this section are for Pre Anesthesia Testing. For additional PAT orders, please use 'Future Status' and 'Pre-Admission Testing' for the Phase of Care

IVI Type and Carpan for DAT	
X] Type and Screen for PAT	
[X] Type and screen	Destina Otatura Futura Funina Ococo Olinia Oallast Das Administa
[X] Type and screen	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admissio Testing
[X] ABO and Rh confirmation	Once, Blood Bank Confirmation
K] Prepare Blood Products for PAT (Selection	
[] Prepare cryoprecipitate	Routine, Status: Future, Expires: S+365, Clinic Collect
	Transfusion Indications:
	Transfusion date:
	Pre-Admission Testing
[] Prepare fresh frozen plasma	Routine, Status: Future, Expires: S+365, Clinic Collect
	Transfusion Indications:
	Transfusion date: Pre-Admission Testing
[1] Propore platelet pherecis	Routine, Status: Future, Expires: S+365, Clinic Collect
[] Prepare platelet pheresis	Transfusion Indications:
	Transfusion date:
	Pre-Admission Testing
[] Prepare RBC	Routine, Status: Future, Expires: S+365, Clinic Collect
[1] A soperior of	Transfusion Indications:
	Transfusion date:
	Pre-Admission Testing
(] Laboratory for PAT	
[] COVID-19 qualitative RT-PCR - Nasal	Routine, Status: Future, Expires: S+365, Clinic Collect
Swab	Specimen Source: Nasal Swab
	Is this for pre-procedure or non-PUI assessment? Yes
	Pre-Admission Testing
[X] CBC with platelet and differential	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[X] Comprehensive metabolic panel	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission
	Testing
[X] Prothrombin time with INR	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission
	Testing
[X] Partial thromboplastin time	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission
	Testing
[X] Hemoglobin A1c	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission
FV1.84 '	Testing Communication Communic
[X] Magnesium level	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission
[V] Linid panel	Testing Pouting Status: Future Expires: \$1,265 Clinic Collect
[X] Lipid panel	Routine, Status: Future, Expires: S+365, Clinic Collect
	Has the patient been fasting for 8 hours or more?
[V] Honotic function panel	Pre-Admission Testing Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission
[X] Hepatic function panel	
	Testing

[X]	Urinalysis screen and microscopy, with reflex to culture	Routine, Status: Future, Expires: S+365, Clinic Collect Specimen Source: Urine Specimen Site: Pre-Admission Testing
[]	CBC hemogram	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	Electrolytes (Chem4)	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	Basic metabolic panel	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	Platelet function analysis	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	Platelet function P2Y12	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	Platelet mapping	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	Thromboelastograph	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	Thyroid stimulating hormone	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	Iron level	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	Ferritin level	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	lonized calcium	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	Vitamin B12 level	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
[]	hCG qualitative, serum screen	Routine, Status: Future, Expires: S+365, Clinic Collect, Pre-Admission Testing
1	POC pregnancy, urine	Routine, Point Of Care, Pre-Admission Testing
[]	MRSA screen culture	Routine, Status: Future, Expires: S+365, Clinic Collect, Nares Quest Specimen Source: Pre-Admission Testing
[]	Arterial blood gas	Routine, Status: Future, Expires: S+365, Clinic Collect, Indicated for heavy smoker, COPD, Pre-Admission Testing
[X] D	iagnostic X-Ray / Respiratory for PAT	
[X]	XR Chest 2 Vw	Status: Future, Expires: S+365, Routine, Ancillary Performed, Pre-Admission Testing
[]	XR Chest 1 Vw	Status: Future, Expires: S+365, Routine, Ancillary Performed, Pre-Admission Testing
[]	Spirometry pre & post w/ bronchodilator,	Routine, Status: Future, Expires: S+365, Pre-Admission Testing
_	diffusion, lung volumes (Full PFT)	Location: Encounter type?
[]	Spirometry pre & post w/ bronchodilator (FEV 1 Only)	Routine, Status: Future, Expires: S+365, Pre-Admission Testing Location: Encounter type?
[]	Six minute walk w/ pulse oximetry	Routine, Status: Future, Expires: S+365, Pre-Admission Testing Location:
[V1 0	thar Diagnostic Ctudios	Encounter type?
	hther Diagnostic Studies	Doubling Appillant Dorformed Status Future Funitary C. 205
[X]	ECG Pre/Post Op	Routine, Ancillary Performed, Status: Future, Expires: S+365, Pre-Admission Testing
	Pv carotid duplex	Status: Future, Expires: S+365, Routine, Clinic Performed
[]	Us vein mapping lower extremity	Status: Future, Expires: S+365, Routine, Clinic Performed

General

Case Request

[] Case request operating room	Scheduling/ADT, Scheduling/ADT
Planned ICU Admission Post-Operatively (Admir Patients who are having an Inpatient Only Proced Inpatient Care may have an Admit to Inpatient or	dure as determined by CMS and patients with prior authorization for
() Admit to Inpatient	Admitting Physician: Level of Care: Patient Condition: Bed request comments: Certification: I certify that based on my best clinical judgment and the patient's condition as documented in the HP and progress notes, I expect that the patient will need hospital services for two or more midnights. Pre-op
Nursing	
Vital Signs	
[X] Vital signs - T/P/R/BP (per unit protocol) Nursing Care	Routine, Per unit protocol, Pre-op
[X] 5M walk test/frailty test	Routine, Clinic Performed, Status: Future, Expires: S+181, Pre-Admission Testing, Complete 5 meter gait speed test
[X] Incentive spirometery	Routine, Clinic Performed, Status: Future, Expires: S+184, Pre-Admission Testing, Establish baseline. Please supply and instruct how to use incentive spirometer and instruct to practice 10 times every hour while awake before surgery.
[X] Height and weight	Routine, Once For 1 Occurrences, Pre-op
[X] chlorhexidine (HIBICLENS) 4% liquid	Routine, Clinic Performed, Status: Future, Expires: S+184, Pre-Admission Testing, Please supply and instruct patient. Chlorhexidine bath/shower the night before surgery and the morning of surgery.
[X] Oral Decolonization	· ·
[X] Pre-op Prior to Surgery (AOD), Chlorhexidine (PERIDEX) 0.12 % oral solution	5 mL, Mouth/Throat, once, For 1 Doses, Pre-op Pre-op prior to surgery (AOD),Swish and Spit as directed.
[X] Nasal Decolonization for MRSA -Select One Op (Single Response) (Selection Required)	tion:
(X) povidone-iodine (3M SKIN AND NASAL ANTISEPTIC) 0.5% NASAL swab	4 Swab, nasal, once, For 1 Doses Pre-op Prior to Surgery (AOD): Insert swab into one nostril for 30 seconds. Using a new swab, repeat with the other nostril. Repeat the application in both nostrils using new swabs. Patient instructed not to blow nose, may dab any drainage with tissue.
() IODINE ALLERGY ONLY: mupirocin (BACTROBAN) 2 % ointment	1 application, nasal, once, For 1 Doses, Pre-op Pre-op Prior to Surgery (AOD): Apply to each nare. Patient instructed not to blow nose, may wipe any drainage with tissue.
[] Initiate and maintain IV	to the triangle manage management
[] Insert peripheral IV	Routine, Once
[] sodium chloride 0.9 % flush	10 mL, intravenous, every 12 hours scheduled
[] sodium chloride 0.9 % flush	10 mL, intravenous, PRN, line care
[] Intake and output	Routine, Every shift, Pre-op
Diet	
[] NPO	Diet effective now, Starting S NPO:
	Pre-Operative fasting options: Pre-op

[] NPO-except meds	Diet effective now, Starting S NPO: Except meds
	Pre-Operative fasting options: Pre-op
[] NPO-after midnight	Diet effective midnight, Starting S+1 at 12:01 AM NPO: Pre-Operative fasting options: Pre-op
Education	
[X] Patient education	Routine, Clinic Performed, Normal, 1. No Smoking 2. Before surgery, walk 15-20 minutes daily. 3. Before surgery, you will learn how to perform coughing and deep breathing exercises using an incentive spirometer (IS), a tool used to help strengthen your breathing. These exercises lower the risk of lung complications after surgery. Repeat 10 times per hour while awake. 4. Bathe or shower the night before your surgery using Hibiclens soap that was provided to you to help prevent surgical site infection. Bathe or shower the morning of your surgery using Hibiclens soap. 5. After surgery, you will be moved to the intensive care unit (ICU) with a breathing tube, chest tubes and urine catheter. The breathing tube is safely removed as soon as possible. 6. After surgery, your care team will determine when you are able to sit ("dangle") on the side of the bed. Once your blood pressure, heart rate and blood circulation are stable, you will progress to sitting in a chair. Later expectations are to sit in chair for all meals and walk 4 times daily as tolerated. 7. After surgery, you will learn how to perform coughing and deep breathing exercises using an incentive spirometer (IS), a tool used to help strengthen your breathing. These exercises lower the risk of lung complications after surgery. Repeat 10 times per hour while awake. 8. After surgery, you will start out by sucking on ice chips, then advanced to drinking limited fluids. You may begin a heart healthy/low sodium diet. 9. After surgery, you will begin cardiac rehabilitation in the hospital. After you are discharge and when it is safe to participate, your physician will refer you to cardiac rehabilitation phase II. Cardiac rehab uses exercise training and lif estyle changes to optimize your physical, psychological and social functioning.
[X] Tobacco cessation education	Routine, Clinic Performed, Normal, Per STS Adult Cardiac Surgery - Tobacco cessation should be provided to tobacco users within a year of surgery (tobacco usage with 1 year of surgery). Tobacco cessation education documentation consist of the following: Brief counseling of 3 minutes or less (documentation of minimal and intensive advice/couneling interventions conducted both in person and over the phone), AND/OR pharmacotherapy (documentation of a prescription given to patient for tobacco cessation).
Consents	

[] Complete consent for	Routine, Once Procedure: Pre-op diagnosis: Physician: Risks, benefits, and alternatives (as outlined by the Texas Medical Disclosure Panel, as appears on Houston Methodist Medical/Surgical Consent forms) were discussed with patient/surrogate? Pre-op
Perfusion	
Cell Saver Request	
[] Cell saver	Routine, Until discontinued, Starting S
Platelet sequestration	Routine, Until discontinued, Starting S
Cell Saver Medications	
3 sodium chloride 0.9 % bolus	1,000 mL, perfusion, for 15 Minutes, PRN, Cell Saver, Intra-op
anticoagulant citrate dextrose (ACD) irrigation	1,000 mL, perfusion, PRN, Cell Saver, Intra-op
[] sodium chloride 0.9 % 1,000 mL with HEParin (porcine)	1,000 mL, perfusion, PRN, Heparinzed saline for cell saver,
5,000 Units cell saver perfusion	Intra-op
IV Fluids	
IV Fluids (Single Response)	
() sodium chloride 0.9 % infusion	75 mL/hr, intravenous, continuous, Pre-op
() lactated Ringer's infusion	75 mL/hr, intravenous, continuous, Pre-op
() dextrose 5 % and sodium chloride 0.45 % with potassium chloride 20 mEg/L infusion	75 mL/hr, intravenous, continuous, Pre-op
() sodium chloride 0.45 % infusion	75 mL/hr, intravenous, continuous, Pre-op
() sodium chloride 0.45 % 1,000 mL with sodium	75 mL/hr, intravenous, continuous, Pre-op
bicarbonate 75 mEq/L infusion	
Medications	
chlorhexidine (PERIDEX) 0.12 % oral solution	
[] Medication Office Prescription: Night Prior to and Morning of Surgery - chlorhexidine (PERIDEX) 0.12 % oral solution	Normal
metoprolol tartrate (LOPRESSOR)	
[] Medication Office Prescription - metoprolol tartrate (LOPRESSOR) tablet	Normal
Day of Surgery - metoprolol tartrate (LOPRESSOR) tablet	12.5 mg, oral, once, For 1 Doses, Pre-op BP & HR HOLD parameters for this order: Hold Parameters requested BP & HR HOLD for: HOLD for Heart Rate LESS than: 50 bpm Contact Physician if:
PreOp Antibiotics: For Patients GREATER than 120 kg (Si Administer within 1 hour of surgical incision	ngle Response)
(X) ceFAZolin (ANCEF) IV - For Patients GREATER than 120 kg	3 g, intravenous, once, For 1 Doses, Pre-op On call to operating room. Administer within 1 hour of surgical incision Reason for Therapy: Surgical Prophylaxis

) If Beta-Lactam Allergic: vancomycin + levoflo (LEVAQUIN) IV	oxacin "And" Linked Panel
[] vancomycin (VANCOCIN) IV	15 mg/kg, intravenous, once, For 1 Doses, Pre-op On call to operating room. Administer within 1 hour of surgical incision. Reason for Therapy: Surgical Prophylaxis
[] levofloxacin (LEVAQUIN) IV solution	500 mg, intravenous, once, For 1 Doses, Pre-op On call to operating room. Administer within 1 hour of surgical incision. Reason for Therapy: Surgical Prophylaxis
If MRSA Suspected - ceFAZolin (ANCEF) an vancomycin IV - For Patients GREATER tha	
[] ceFAZolin (ANCEF) IV	3 g, intravenous, once, For 1 Doses, Pre-op On call to the operating room. Administer within 1 hour of surgical incision. Reason for Therapy: Surgical Prophylaxis
[] vancomycin (VANCOCIN) IV	15 mg/kg, intravenous, once, For 1 Doses, Pre-op On call to the operating room. Administer within 1 hour of surgical incision. Reason for Therapy: Surgical Prophylaxis
reOp Antibiotics: For Patients LESS than or Administer within 1 hour of surgical incision) ceFAZolin (ANCEF) IV - For Patients LESS t	
EQUAL to 120 kg	On call to operating room. Administer within 1 hour of surgica incision. Reason for Therapy: Surgical Prophylaxis
If Beta-Lactam Allergic: vancomycin + levoflo (LEVAQUIN) IV	oxacin "And" Linked Panel
[] vancomycin (VANCOCIN) IV	15 mg/kg, intravenous, once, For 1 Doses, Pre-op On call to operating room. Administer within 1 hour of surgical incision. Reason for Therapy: Surgical Prophylaxis
[] levofloxacin (LEVAQUIN) IV solution	500 mg, intravenous, once, For 1 Doses, Pre-op On call to operating room. Administer within 1 hour of surgical incision. Reason for Therapy: Surgical Prophylaxis
If MRSA Suspected - ceFAZolin (ANCEF) an vancomycin IV - For Patients LESS than or E 120 kg	
[] ceFAZolin (ANCEF) IV	2 g, intravenous, once, For 1 Doses, Pre-op On call to the operating room. Administer within 1 hour of surgical incision. Reason for Therapy: Surgical Prophylaxis
[] vancomycin (VANCOCIN) IV	15 mg/kg, intravenous, once, For 1 Doses, Pre-op On call to the operating room. Administer within 1 hour of surgical incision. Reason for Therapy: Surgical Prophylaxis
traOp Antibiotics: For Patients GREATER to Order from this section if case exceeds 4 hour	
ceFAZolin (ANCEF) IV - For Patients GREA	Reason for Therapy: Surgical Prophylaxis
If MRSA Suspected - vancomycin (VANCOC	CIN) IV 15 mg/kg, intravenous, once, For 1 Doses, Intra-op Reason for Therapy: Surgical Prophylaxis
traOp Antibiotics: For Patients LESS than of Order from this section if case exceeds 4 hour	
ceFAZoIin (ANCEF) IV - For Patients LESS t EQUAL to 120 kg	than or 2 g, intravenous, every 4 hours, Intra-op Reason for Therapy: Surgical Prophylaxis

() If MRSA Suspected - vancomycin (VANCOCIN) IV	15 mg/kg, intravenous, once, For 1 Doses, Intra-op Reason for Therapy: Surgical Prophylaxis
IntraOp Labs	
IntraOp Labs	
[X] Acute kidney injury risk assessment, Nephrocheck	Once Intraoperative collection only, collect minimum of 10 mL fresh urine. Collect when applying the surgical dressing. Send to lab (Dunn 2) within 30 minutes of collection time. Exception: Do not collect on patient with preoperative dialysis, ESRD or when methylene blue is used (interferes with test results)., Intra-op
Consults	
CV Coordinator Consult	
[X] Consult to CV Coordinator	Reason for consult: CABG/VALVE Surgery Pre-op
Additional Orders	