Lung Transplant PreOp Admission [2102]

General

Planned ICU Admission Post-Operatively (Admit to Inpatient Order) (Single Response)

Patients who are having an Inpatient Only Procedure as determined by CMS and patients with prior authorization for Inpatient Care may have an Admit to Inpatient order written pre-operatively.

() 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
Case Request	
[] Case request operating room	Scheduling/ADT, Scheduling/ADT
Nursing	
Vitals	
[X] Vital signs - T/P/R/BP	STAT, Per unit protocol, Starting S On arrival and then routine, Pre-op
Activity	
[X] Activity as tolerated	Routine, Until discontinued, Starting S Specify: Activity as tolerated Pre-op
Nursing	
[X] Height and weight	STAT, Once, Starting S On Arrival and document in EPIC, Pre-op
[X] Place/Maintain sequential compression device continuous	Routine, Continuous, Starting S Upon arrival and in OR for prophylaxis for deep vein thrombosis, Pre-op
Notify	
[X] Notify Transplant Pulmonary Service upon patient arrival to unit	Routine, Until discontinued, Starting S, Pre-op
[X] Notify Transplant Coordinator On-Call at 713-441-5451 upon patient arrival to unit	Routine, Until discontinued, Starting S, Pre-op
Diet	
[X] NPO	Diet effective now, Starting S NPO: Except meds Pre-Operative fasting options: Give only specifically ordered medications, Pre-op
Consent	

[] Complete consent for	Routine, Once For 1 Occurrences Procedure: for right single lung transplantation Diagnosis/Condition: Physician: Surgeon 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? for right single lung transplantation, Pre-op
[] Complete consent for	Routine, Once For 1 Occurrences
	Procedure: for left single lung transplantation Diagnosis/Condition: Physician: Surgeon 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? for left single lung transplantation, Pre-op
[] Complete consent for	Routine, Once For 1 Occurrences Procedure: for bilateral lung transplantation Diagnosis/Condition: Physician: Surgeon 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?
[] Complete consent for	for bilateral lung transplantation, Pre-op Routine, Once For 1 Occurrences Procedure: bronchoscopy Diagnosis/Condition: Physician: Surgeon 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? bronchoscopy, Pre-op
IV Fluids	
Medications	
Preoperative Immunosuppressants (Selection Re	equired)
[X] Immunosuppressants #1: methylPREDNISolone (Single Response)	· · · ·
methylPREDNISolone sodium succinate (Solu-MEDROL) injection - For weight LESS than 55 kg or age GREATER 65 years old	250 mg, intravenous, once, For 1 Doses, Pre-op For weight LESS than 55 kg or age GREATER than 65 years old. Preoperative upon arrival to unit.
() methylPREDNISolone sodium succinate (Solu-MEDROL) injection - For weight GREATER than 55 kg or age LESS than 65	500 mg, intravenous, once, For 1 Doses, Pre-op For weight GREATER than 55 kg and age LESS than 65 years old. Preoperative upon arrival to unit.

1,000 mg, oral, once, For 1 Doses, Pre-op

1,000 mg, intravenous, for 2 Hours, once, For 1 Doses, Pre-op

Upon arrival to unit.

Upon arrival to unit.

Induction Therapy

5% IVPB

years old

[X] Immunosuppressants #2: mycophenolate (CELLCEPT)
 IVPB (Single Response) (Selection Required)
 (X) mycophenolate (CELLCEPT) capsule/tablet 1,000

() mycophenolate (CELLCEPT) in dextrose

[X] basiliximab (SIMULECT) in sodium chloride 0.9 % IVPB	20 mg, intravenous, for 30 Minutes, on call to O.R., Pre-op This medication is to administered by Anesthesia. Administered in operating room / preop area and NOT the ICU. To be given UPON visualization for donor. Transplant coordinator to notify FOR pharmacy.
Preoperative Antifungals	
[X] micafungin (MYCAMINE) IVPB (RESTRICTED)	100 mg, intravenous, once, For 1 Doses, Pre-op Micafungin is to be given upon arrival to the unit RESTRICTED to Infectious Diseases (ID), Solid Organ Transplant (SOT), Bone Marrow Transplant (BMT), and Hematology/Oncology (Heme/Onc) specialists. Are you an ID, SOT, BMT, or Heme/Onc specialist or ordering on behalf of one? Type of Therapy: New Anti-Infective Order Reason for Therapy: Surgical Prophylaxis
Preoperative Antibiotics (Selection Required)	
[X] Gram Positive Coverage Antibiotics (Single Resp	onse)
(X) vancomycin (VANCOCIN) IV - Administer 1 hour PRIOR to skin incision. () linezolid in dextrose 5% (ZYVOX) IVPB -	15 mg/kg, intravenous, every 12 hours, Pre-op Administer 1 hour PRIOR to skin incision. Reason for Therapy: Surgical Prophylaxis 600 mg, intravenous, for 60 Minutes, every 12 hours, Pre-op
For Known/Suspected Allergies or Suspected Drug-Resistant Organism to Vancomycin	Reason for Therapy: Surgical Prophylaxis
[X] Gram Negative Coverage Antibiotics (Single Res (Selection Required) Select ONE of the following:	ponse)
(X) piperacillin-tazobactam (ZOSYN) IV	3.375 g, intravenous, every 6 hours, Pre-op Reason for Therapy: Surgical Prophylaxis
() ceFEPime (MAXIPIME) IV	2 g, intravenous, every 8 hours, Post-op Reason for Therapy: Surgical Prophylaxis
() meropenem (MERREM) IV	500 mg, intravenous, every 6 hours, Pre-op Reason for Therapy: Surgical Prophylaxis
() aztreonam (AZACTAM) IV	2 g, intravenous, every 8 hours, Pre-op For Known or Suspected Penicillin Allergy Reason for Therapy: Surgical Prophylaxis
Intraoperative: methyIPREDNISolone IVPB (Single	e Response) (Selection Required)
() Single Lung (Single Response)	050
() For Weight LESS than 55 kg or age GREATER 65 years old - methylPREDNISolone sodium succinate (Solu-MEDROL) injection	250 mg, intravenous, on call to O.R. For Weight LESS than 55 kg or age GREATER than 65 years old. Single Lung PRIOR to opening of Pulmonary Artery Clamp. To be administered by the Anesthesiologist.
For weight GREATER than 55 kg and age LESS than 65 years old - methylPREDNISolone sodium succinate (Solu-MEDROL) injection	500 mg, intravenous, on call to O.R. For weight GREATER than 55 kg and age LESS than 65 years old. Single Lung PRIOR to opening of Pulmonary Artery Clamp. To be administered by the Anesthesiologist.
() Bilateral Lung (Single Response) () For Weight LESS than 55 kg or age GREATER than 65 years old - methylPREDNISolone sodium succinate (Solu-MEDROL) injection	250 mg, intravenous, on call to O.R., For 2 Doses, Pre-op For Weight LESS than 55 kg or age GREATER than 65 years old. Bilateral Lung PRIOR to opening of Pulmonary Artery Clamp. To be administered by the Anesthesiologist.
For Weight GREATER than 55 kg and age LESS than 65 years old - methylPREDNISolone sodium succinate (Solu-MEDROL) injection	500 mg, intravenous, on call to O.R., For 2 Doses, Pre-op For Weight GREATER than 55 kg and age LESS than 65 years old. Bilateral Lung PRIOR to opening of Pulmonary Artery Clamp. To be administered by the Anesthesiologist.

OVID-19 Qualitative PCR	
] COVID-19 qualitative PCR - Nasal Swab	STAT For 1 Occurrences Specimen Source: Nasal Swab Is this for pre-procedure or non-PUI assessment? Yes Please select a reason for ordering, if applicable. Pre-op
_aboratory STAT	
[X] Type and screen	STAT For 1 Occurrences, Pre-op
[X] CBC with platelet and differential	STAT For 1 Occurrences, Pre-op
[X] Partial thromboplastin time	STAT For 1 Occurrences, Pre-op
[X] Prothrombin time with INR	STAT For 1 Occurrences, Pre-op
[X] Fibrinogen	STAT For 1 Occurrences, Pre-op
[X] Platelet function analysis	STAT For 1 Occurrences, Pre-op
[X] Comprehensive metabolic panel	STAT For 1 Occurrences, Pre-op
[X] lonized calcium	STAT For 1 Occurrences, Pre-op
[X] Magnesium level	STAT For 1 Occurrences, Pre-op
[X] Phosphorus level	STAT For 1 Occurrences, Pre-op
[X] LDH	STAT For 1 Occurrences, Pre-op
[X] GGT	STAT For 1 Occurrences, Pre-op
[X] West Nile virus antibody IgM, serum	STAT For 1 Occurrences, Pre-op
[X] Urinalysis screen and microscopy, with reflex to culture	STAT For 1 Occurrences
	Specimen Source: Urine
	Specimen Site:
I Outomogolovirus Ab IaC	Pre-op
Cytomegalovirus Ab, IgG hCG qualitative, serum screen	STAT For 1 Occurrences, Pre-op STAT For 1 Occurrences, Pre-op
() HLA deceased donor	STAT For 1 Occurrences Deceased Donor Crossmatch #1 - Recipient Collect 5 Yellow Top (10ml); 2 Red Top (10ml) HLA Allogeneic Crossmatch (XMHLA, PXMHL, PXMH2)
	HLA Auto Crossmatch (AXMHL) Single Antigen Bead (SAB) Perform C1q? Yes
	Donor OPTN (UNOS ID): ***, Pre-op
Baseline Serology - HMH, HMSJ	
[X] HIV Ag/Ab combination	Once Perform on HBV negative recipient, Pre-op
[X] Human immunodeficiency virus 1 (HIV-1), quantitative PCR	Once Perform on HBV negative recipient, Pre-op
[X] Hepatitis Baurface antigen	Once Perform on HBV negative recipient, Pre-op
[X] Hepatitis B surface antibody	Once Perform on HBV negative recipient, Pre-op
[X] Hepatitis B core antibody, total	Once Perform on HBV negative recipient, Pre-op
[X] Hepatitis B virus (HBV), quantitative PCR	Once Perform on HBV negative recipient, Pre-op
[X] Hepatitis C antibody	Once Perform regardless recipient HCV status, Pre-op
[X] Hepatitis C virus (HCV), quantitative PCR	Once Perform regardless recipient HCV status, Pre-op

Baseline Serology - HMH, HMSJ	
[X] HIV Ag/Ab combination	Once Perform on HBV negative recipient, Pre-op
[X] HIV-1 RNA, qualitative TMA	Once Perform on HBV negative recipient, Pre-op
[X] Hepatitis B surface antigen	Once Perform on HBV negative recipient, Pre-op
[X] Hepatitis B surface antibody	Once Perform on HBV negative recipient, Pre-op
[X] Hepatitis B core antibody, total	Once Perform on HBV negative recipient, Pre-op
[X] Hepatitis B virus (HBV), quantitative PCR	Once Perform on HBV negative recipient, Pre-op
[X] Hepatitis C antibody	Once Perform regardless recipient HCV status, Pre-op
[X] Hepatitis C virus (HCV), quantitative PCR	Once Perform regardless recipient HCV status, Pre-op
Baseline Serology - HMSL/HMW	
[] Rapid HIV 1 & 2	Once Perform on HBV negative recipient, Pre-op
[] Human immunodeficiency virus 1 (HIV-1), quantitative PCR	Once Perform on HBV negative recipient, Pre-op
[] Hepatitis B surface antigen	Once Perform on HBV negative recipient, Pre-op
[] Hepatitis B surface antibody	Once Perform on HBV negative recipient, Pre-op
[] Hepatitis B core antibody, total	Once Perform on HBV negative recipient, Pre-op
[] Hepatitis B virus (HBV), quantitative PCR	Once Perform on HBV negative recipient, Pre-op
[] Hepatitis C antibody	Once Perform regardless recipient HCV status, Pre-op
[] Hepatitis C virus (HCV), quantitative PCR	Once Perform regardless recipient HCV status, Pre-op
Baseline Serology - HMSL/HMW	
[] Rapid HIV 1 & 2	Once Perform on HBV negative recipient, Pre-op
[] HIV-1 RNA, qualitative TMA	Once Perform on HBV negative recipient, Pre-op
[] Hepatitis B surface antigen	Once Perform on HBV negative recipient, Pre-op
[] Hepatitis B core antibody, total	Once Perform on HBV negative recipient, Pre-op
[] Hepatitis B virus (HBV), quantitative PCR	Once Perform on HBV negative recipient, Pre-op
[] Hepatitis C antibody	Once Perform regardless recipient HCV status, Pre-op
[] Hepatitis C virus (HCV), quantitative PCR	Once Perform regardless recipient HCV status, Pre-op
Baseline Serology - HMCL, HMTW, HMWB	
[] HIV 1, 2 antibody	Once Perform on HBV negative recipient, Pre-op
[] Human immunodeficiency virus 1 (HIV-1), quantitative PCR	Once Perform on HBV negative recipient, Pre-op
[] Hepatitis B surface antigen	Once Perform on HBV negative recipient, Pre-op

Hepatitis B surface antibody	Once Perform on HBV negative recipient, Pre-op
Hepatitis B core antibody, total	Once Perform on HBV negative recipient, Pre-op
Hepatitis B virus (HBV), quantitative PCR	Once Perform on HBV negative recipient, Pre-op
Hepatitis C antibody	Once Perform regardless recipient HCV status, Pre-op
Hepatitis C virus (HCV), quantitative PCR	Once Perform regardless recipient HCV status, Pre-op
aseline Serology - HMCL, HMTW, HMWB	
HIV 1, 2 antibody	Once Perform on HBV negative recipient, Pre-op
HIV-1 RNA, qualitative TMA	Once Perform on HBV negative recipient, Pre-op
Hepatitis B surface antigen	Once Perform on HBV negative recipient, Pre-op
Hepatitis B surface antibody	Once Perform on HBV negative recipient, Pre-op
Hepatitis B core antibody, total	Once Perform on HBV negative recipient, Pre-op
Hepatitis B virus (HBV), quantitative PCR	Once Perform on HBV negative recipient, Pre-op
Hepatitis C antibody	Once Perform regardless recipient HCV status, Pre-op
Hepatitis C virus (HCV), quantitative PCR	Once Perform regardless recipient HCV status, Pre-op Perform regardless recipient HCV status, Pre-op
lood Products Red Blood Cells	
lood Products Red Blood Cells Prepare RBC	Routine
Red Blood Cells	Routine Transfusion Indications: Transfusion date:
Red Blood Cells	Routine Transfusion Indications: Transfusion date: Pre-op Routine Transfusion duration per unit (hrs):
Red Blood Cells [] Prepare RBC	Routine Transfusion Indications: Transfusion date: Pre-op Routine Transfusion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op
Red Blood Cells [] Prepare RBC [] Transfuse RBC [] sodium chloride 0.9% infusion Platelet pheresis	Routine Transfusion Indications: Transfusion date: Pre-op Routine Transfusion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op Administer with blood
Red Blood Cells [] Prepare RBC [] Transfuse RBC [] sodium chloride 0.9% infusion	Routine Transfusion Indications: Transfusion date: Pre-op Routine Transfusion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op Administer with blood Routine Transfusion Indications: Perioperative Transfusion date:
Red Blood Cells [] Prepare RBC [] Transfuse RBC [] sodium chloride 0.9% infusion Platelet pheresis	Routine Transfusion Indications: Transfusion date: Pre-op Routine Transfusion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op Administer with blood Routine Transfusion Indications: Perioperative Transfusion date: Pre-op Routine Transfusion duration per unit (hrs):
Red Blood Cells [] Prepare RBC [] Transfuse RBC [] sodium chloride 0.9% infusion Platelet pheresis [] Prepare platelet pheresis	Routine Transfusion Indications: Transfusion date: Pre-op Routine Transfusion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op Administer with blood Routine Transfusion Indications: Perioperative Transfusion date: Pre-op Routine
Red Blood Cells [] Prepare RBC [] Transfuse RBC [] sodium chloride 0.9% infusion Platelet pheresis [] Prepare platelet pheresis [] Transfuse platelet pheresis [] sodium chloride 0.9% infusion Fresh Frozen Plasma	Routine Transfusion Indications: Transfusion date: Pre-op Routine Transfusion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op Administer with blood Routine Transfusion Indications: Perioperative Transfusion date: Pre-op Routine Transfusion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op Administer with blood
Red Blood Cells [] Prepare RBC [] Transfuse RBC [] sodium chloride 0.9% infusion Platelet pheresis [] Prepare platelet pheresis [] Transfuse platelet pheresis [] sodium chloride 0.9% infusion	Routine Transf usion Indications: Transf usion date: Pre-op Routine Transf usion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op Administer with blood Routine Transf usion Indications: Perioperative Transf usion date: Pre-op Routine Transf usion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op Administer with blood Routine Transf usion Indications: Perioperative Transf usion Indications: Perioperative Transf usion Indications: Perioperative Transf usion date:
Red Blood Cells [] Prepare RBC [] Transfuse RBC [] sodium chloride 0.9% infusion Platelet pheresis [] Prepare platelet pheresis [] Transfuse platelet pheresis [] sodium chloride 0.9% infusion Fresh Frozen Plasma	Routine Transf usion Indications: Transf usion date: Pre-op Routine Transf usion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op Administer with blood Routine Transf usion Indications: Perioperative Transf usion date: Pre-op Routine Transf usion duration per unit (hrs): Pre-op 250 mL, intravenous, at 30 mL/hr, continuous, Pre-op Administer with blood Routine Transf usion Indications: Perioperative

	sfusion Indications:
Iran Pre-	esfusion date:
[] Transfuse cryoprecipitate Rou	tine sfusion duration per unit (hrs):
[] sodium chloride 0.9% infusion 250	mL, intravenous, at 30 mL/hr, continuous, Pre-op ninister with blood
[] All blood products must be irradiated and leukocyte reduced.	Routine, Until discontinued, Starting S, Pre-op
[] If recipient is negative, blood products must be CMV negative.	Routine, Until discontinued, Starting S, Pre-op
Cardiology	
Cardiology	
[X] ECG 12 lead	STAT, Once For 1 Occurrences Clinical Indications: Pre-Op Clearance Interpreting Physician: AM, Pre-op
[] CV pacemaker defib or ilr interrogation	Routine, Once For 1 Occurrences, Pre-op
Imaging	
Diagnostic X-Ray	
[X] Chest 1 Vw Portable	STAT, 1 time imaging, Starting S at 1:00 AM For 1 on arrival to unit, Pre-op
Other Studies	
Respiratory	
Respiratory	
[X] Oxygen therapy	Routine, Continuous Device: Nasal Cannula Rate in liters per minute: 2 Lpm Rate in tenths of a liter per minute: O2 %: Titrate to keep O2 Sat Above: 92% Indications for O2 therapy: Hypoxemia Titrate to maintain oxygen saturation greater than 92%; weat to room air, Pre-op
Rehab	
Consults For Physician Consult orders use sidebar	
Pharmacy Consult	
[X] Pharmacy consult to manage dose adjustments for ren	al Routine Until discontinued Starting S
function	al Routine, Until discontinued, Starting S Adjust dose for:
Additional Orders	