**ICU Admission Comprehensive Version 3 4/10/17**

**Patient Placement**

 ***Patient Status***

 If the physician cannot anticipate that the duration of episode of care for the patient will cross two midnights, the patient should continue to be treated as an outpatient (observation services) and should be admitted if or when additional information suggests or the physician anticipates that the duration of the episode of care will cross a second midnight.

 Admit to inpatient: \*\*I certify that:

Inpatient services are reasonable and necessary and ordered in accordance with Medicare regulations.

Services ordered are appropriate for the inpatient setting.

It is anticipated that the medically necessary care of the patient will cross at least 2 midnights.

The diagnosis included in this order is the reason for inpatient services and is outlined further in the history and physical and subsequent progress notes.

The need for post hospital care will be determined based upon the patient's evolving clinical condition and needs.

Diagnosis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Observation services (Condition can be evaluated/treated/improved within 2 midnights or additional time is needed to determine if inpatient admission is medically necessary)

 Comfort care only [ ] Yes [ ] No

 Attending Provider: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ***Preferred Location/Unit***

 ICU

 ***Code Status:***

 Full Code

 DNR

 Limited DNR Status

 No intubation, mechanical ventilation

 No chest compressions

 No emergency medications or fluid

 No defibrillation, cardioversion

 No \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Activity**

 Up ad lib

 Up with assist

 Up to chair

 Bed rest with bathroom privileges

 Bed rest with bedside commode

 Bed rest

 PT- ICU mobility

**Nursing Orders**

 Initiate MRSA Testing and Treatment Protocol

 Vital signs per unit standard

 Vital signs non unit standard \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Intake and output per unit standard

 Daily weight

 Verify that cultures have been obtained before starting antibiotics

 Point of Care Capillary Blood Glucose 4 times a day, before meals and at bedtime Or every 6 hours

 Foley Catheter, if NPO

 Nasogastric/orogastric tube insert/maintain

 low intermittent suction

 continuous suction

 no suction/ gravity

 Feeding tube (DOBHOFF) insert/maintain

**Respiratory**

For ventilator orders- Select Ventilator Bundle Order set

 Oxygen Delivery RN/RT to Determine to maintain Oxygen saturation greater than 94%

 Oxygen administration

 Nasal Cannula at \_\_\_\_ Lpm and titrate to maintain Oxygen saturation greater than 90%

 Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ at \_\_\_\_\_\_ Lpm

 BiPAP

May use home equipment and settings [ ] Yes [ ] No

Frequency \_\_\_\_\_\_

Duration \_\_\_\_\_\_\_

IPAP \_\_\_\_\_\_\_

EPAP \_\_\_\_\_\_

Additional instructions \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 CPAP

May use home equipment and settings [ ] Yes [ ] No

Frequency \_\_\_\_\_\_

Duration \_\_\_\_\_\_\_

Additional instructions \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Diet**

 Regular Diet

 Heart Healthy Diet

 Controlled Carbohydrate Diet

 Full Liquid Diet

 Clear Liquid Diet

 NPO Diet

 Advance diet as tolerated to goal diet of: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 NPO at

 Time to Start NPO:\_\_\_\_\_\_\_\_\_\_\_

 Except Meds

 Strict

 With Ice Chips

 With Sips

 Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**IV/ Line Insert and/or Maintain**

 Peripheral IV insert/maintain

 Arterial IV insert/maintain

 Saline lock with saline flush every BID

**IV Fluids - Generic Volume Bolus**

 IV Fluid-Bolus

 Fluid: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume to Infuse: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Additive: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Duration (If rate not selected): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**IV Fluids - Maintenance Specific Fluid**

 Sodium Chloride 0.9% IV

 \_\_\_\_\_ milliliter/hour continuous intravenous infusion

 Dextrose 5% and 0.45% Sodium Chloride IV

 \_\_\_\_ milliliter/hour continuous intravenous infusion

 Dextrose 5% and 0.9% Sodium Chloride IV

 \_\_\_\_\_ milliliter/hour continuous intravenous infusion

 sodium chloride 0.9% with potassium chloride 20 mEq/L IV (PREMIX)

 \_\_\_\_ milliliter/hour continuous intravenous infusion

 D5-0.45% Sodium Chloride with Potassium Chloride 20 mEq/L IV (PREMIX)

 \_\_\_\_\_ milliliter/hour continuous intravenous infusion

**IV Fluids - Maintenance Generic Fluid**

Select this fluid for IV solution not listed above

 IV Fluid-Maintenance

 Fluid: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Additive: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Duration (If rate not selected): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Medications**

 ***Analgesics: Non-opioids***

 acetaminophen (TYLENOL)

 650 milligram by nasogastric tube every 4 hours as needed for mild-to-moderate pain or fever greater than 101 F (38.3 C)

 650 milligram orally every 4 hours as needed for mild-to-moderate pain or fever greater than 101 F (38.3 C)

 650 milligram rectally every 4 hours as needed for mild-to-moderate pain or fever greater than 101 F (38.3 C)

 ***Antibacterial Prophylaxis***

 mupirocin (BACTROBAN) 2% nasal ointment

 0.5 gram in each nostril 2 times a day for 5 days = 10 total doses

 ***Stress Ulcer Prophylaxis Agents: Histamine-2 Receptor Antagonists***

 famotidine (PEPCID)

 20 milligram orally 2 times a day

 20 milligram by nasogastric tube 2 times a day

 20 milligram intravenously every 12 hours

 pantoprazole (PROTONIX)

 40 milligram orally once a day H-2 Antagonists preferred if possible

 40 milligram by nasogastric tube once a day H-2 Antagonists preferred if possible

 40 milligram intravenously every 24 hours H-2 Antagonists preferred if possible

 ***Laxatives: Stool Softeners***

 docusate sodium (COLACE)

 100 milligram by nasogastric tube 2 times a day

 100 milligram orally 2 times a day

 senna 8.8 mg/5 mL syrup (SENOKOT)

 5 milliliter by nasogastric tube once a day, at bedtime

 senna 8.6 mg oral tablet (SENOKOT)

 1 tablet orally once a day, at bedtime

 ***Ophthalmic Care***

 ARTIFICIAL TEARS EYE DROPS

 1 drop in each eye every 4 hours as needed for dry eyes

 ARTIFICIAL TEARS EYE OINTMENT

 0.5 inch in each eye every 4 hours as needed for dry eyes

 ***Vasoactive Agents Continuous Infusion***

 DOBUTamine (DOBUTREX) [500 milligrams/ 250 milliliters D5W]

 2.5-10 microgram/kilogram per minute continuous intravenous infusion : titrate to keep ScvO greater than 70%, maintaining SBP greater than 90 mmHg and Heart Rate less than 140 beats per minute

 DOPamine in D5W 400 mg/250 mL (1,600 mcg/mL) IV

 5 microgram/kilogram per minute continuous intravenous infusion : titrate to keep SPB greater than or equal to 90mmHg and MAP greater than or equal to 65 mmHg

 norepinephrine bitartrate in normal saline 4 mg/250 mL IV (LEVOPHED)

 1-30 microgram/minute continuous intravenous infusion : titrate to keep SBP greater than 90 mmHg and MAP greater than or equal to 65 mmHg

 phenylephrine in NS (preserv free) 20 mg/250 mL (0.08 mg/mL) IV (NEO-SYNEPHRINE)

 20 - 200 microgram/minute continuous intravenous infusion titrate to keep SBP greater than 90 mmHg and MAP greater than or equal to 65 mmHg

 vasopressin (PITRESSIN)[100 unit/250 milliliter NS]

 0.01-0.04 unit/minute continuous intravenous infusion titrate to keep MAP greater than 80 mmHg

 ***Bronchodilators***

 ***Nebulized Agents***

 albuterol 2.5 mg/3 mL (0.083 %) solution for nebulization (VENTOLIN)

2.5 milligram by nebulizer every 4 hours

 2.5 milligram by nebulizer every 2 hours as needed for shortness of breath or wheezing

 albuterol-ipratropium 2.5 mg-0.5 mg/3 mL soln for inhalation (DUONEB)

 3 milliliter by nebulizer every 4 hours

 3 milliliter by nebulizer every 4 hours, while awake

 ***Inhalation Agents***

 albuterol 90 microgram/inhalation aerosol inhaler

 6 puff inhaled every 4 hours

 6 puff inhaled every 2 hours as needed for respiratory distress

 ipratropium 17 mcg/actuation aerosol inhaler (ATROVENT)

 6 puff inhaled every 4 hours

 6 puff inhaled every 2 hours as needed for respiratory distress

**Laboratory**

 ***Admission labs or labs to be obtained now: (IF not done already in ER)***

 Please order Respiratory Viral Panel for patients being admitted for acute or suspected respiratory tract infections (pneumonia, bronchitis, viral respiratory infections or fever >100.5 with cough with unknown cause)

 Respiratory Viral Panel by PCR (RT to collect)

 MRSA by PCR

 CBC/AUTO DIFF

 COMPREHENSIVE METABOLIC PANEL

 MAGNESIUM LEVEL, PLASMA

 PHOSPHORUS LEVEL, PLASMA

 BASIC METABOLIC PANEL

 LACTIC ACID. PLASMA

 TROPONIN I

 Blood gas study, Arterial

 PT (PROTIME AND INR)

 PTT

 DIC SCREEN

 BLOOD CULTURE, from two different sites five minutes apart

 stat

 CULTURE, SPUTUM AND GRAM ST

 RESPIRATORY VIRAL PANEL BY PCR

 UA WITH MICROSCOPY

 UA W/MICROSCOPY, CULT IF INDIC

 CULTURE, URINE

 C DIFFICILE TOXIN BY PCR

 OSMOLALITY, SERUM

 URINE POTASSIUM RANDOM

 URINE SODIUM RANDOM

 URINE CHLORIDE RANDOM

 URINE ANTIGEN, STREP PNEUMONIA

 URINE ANTIGEN, LEGIONELLA

 Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ***Blood Bank***

 For transfusion orders please select the transfusion order set

 TYPE AND SCREEN

 ***Morning Draw:***

 CBC/AUTO DIFF

 COMPREHENSIVE METABOLIC PANEL

 MAGNESIUM LEVEL, PLASMA

 PHOSPHORUS LEVEL, PLASMA

 PT (PROTIME AND INR)

 PTT

 Blood gas study, Arterial

 BASIC METABOLIC PANEL

 UA WITH MICROSCOPY

**Radiology and Diagnostic Tests**

 XR Chest Single ,portable

 routine now Reason for exam:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 routine in AM Reason for exam:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 XR Chest PA and Lateral

 routine now Reason for exam:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 routine in AM Reason for exam:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ECG

 stat Reason for exam:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 routine Reason for exam:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ECHO, Transthoracic Complete

 stat ICD 9 Indications: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Contrast? [ ] Yes [ ] No Agitated Saline (Bubble Study) [ ] Yes [ ] No Additional Instructions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 routine ICD 9 Indications: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Contrast? [ ] Yes [ ] No Agitated Saline (Bubble Study) [ ] Yes [ ] No Additional Instructions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ECHO, Transthoracic Limited

 stat ICD 9 Indications: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Area of Focus: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Additional Instructions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 routine ICD 9 Indications: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Area of Focus: \_\_\_\_\_\_\_\_\_\_\_\_\_

 Additional Instructions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Consult Provider**

Provider to provider notification preferred.

 Consult other provider \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ regarding \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Does nursing need to contact consulted provider? [ ] Yes [ ] No

**Consult Department**

 Consult Care Coordination Reason for consult: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Consult Dietitian Reason for consult: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 PT Physical Therapy Eval & Treat Reason for consult: Critical Care Mobility Program

 ST Speech Therapy Eval & Treat Reason for consult: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 OT Occupational Therapy Eval & Treat Reason for consult: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Consult Wound/Ostomy Nurse Reason for consult: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Initiate Wound Care Protocol [ ] Yes [ ] No

**VTE Prophylaxis**

***Step 1: VTE Risk Assessment: SELECT ONE RISK CATEGORY***

**LOW RISK- FEW PATIENTS FALL IN THIS CATEGORY** (Includes ambulatory patients WITHOUT additional VTE risk factors [see Appendix 1 for risk factors]) No specific measure required, early ambulation

 *Order for all* ***LOW*** *risk patients* ***IF*** *not already ordered****.***

 Ambulate 3 times a day

**MODERATE RISK- ANY PATIENT NOT IN LOW RISK OR HIGH RISK CATEGORY-MOST PATIENTS FALL IN THIS CATEGORY** (Patients with one or more VTE risk factors)

**HIGH RISK- ANY PATIENT NOT IN LOW OR MODERATE RISK CATEGORY** (Includes: Elective major lower extremity arthroplasty, hip, pelvic or surgery, lower extremity fracture, acute spinal cord injury with paresis, multiple major trauma, abdominal or pelvic surgery for cancer)

***Step 2: Order Prophylaxis***

 Prophylaxis already addressed post-operatively- See post-op orders

* ***Pharmacological VTE Prophylaxis***

 *Order for* ***MODERATE*** *and* ***HIGH*** *risk patients unless contraindicated*

 No pharmacological prophylaxis due to the following contraindications: SELECT ALL THAT APPLY

|  |
| --- |
| **CONTRAINDICATIONS** |
| **Absolute**  | **Relative** |
| Active hemorrhage or high risk for hemorrhage | Craniotomy in last 2 weeks | Active intracranial lesions/ neoplasms |
| Intracranial hemorrhage in 12 mos. | Hypertensive emergency |
| Severe trauma to head or spinal cord WITH hemorrhage in last 4 wks  | Intraocular surgery in last 2 wks | Post-op bleeding concerns |
| GI, GU hemorrhage in last 30 days | Scheduled to return to OR in the next 24 hrs |
|  | Thrombocytopenia (< 50,000) | Epidural catheters or spinal block  |
| Coagulopathy (PT > 18 sec) | End stage liver disease |
| OTHER: |

***Medications***

 enoxaparin (LOVENOX)

 40 milligram subcutaneously once a day

 30 milligram subcutaneously once a day for impaired renal function- GFR less than 30 mL/min

 heparin

 5,000 unit subcutaneously every 12 hours

 5,000 unit subcutaneously every 8 hours

 Select fondaparinux (ARIXTRA) ONLY IF suspected or known history of immune-mediated HIT OR allergy to enoxaparin (LOVENOX)

 fondaparinux (ARIXTRA)

 2.5 milligram subcutaneously once a day DO NOT USE if GFR less than 30mL/min

 Other Medication: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Laboratory***

 ****CBC without differential every 3 days IF pharmacological prophylaxis is ordered

* ***Mechanical VTE Prophylaxis***

 *Order for* ***HIGH*** *risk patients and* ***MODERATE*** *risk patients without pharmacological prophylaxis*

No mechanical prophylaxis due to the following contraindications: SELECT ALL THAT APPLY

***Mechanical Contraindications***

 Bilateral lower extremity amputee Bilateral lower extremity trauma Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Apply anti-embolic stockings (graduated)

 knee high

 thigh high

Intermittent pneumatic compression

 Sequential compression device (SCD)

 Arterial venous impulses (AVI)