Any order preceded by a box must be checked to enable the order.

1. Establish Diagnosis of ARDS:
   - □ PaO2/FiO2 ratio < or equal to 300
   - □ Bilateral infiltrates consistent with pulmonary edema on frontal chest radiograph
   - □ Requirement for positive pressure ventilation via endotracheal tube
   - □ No clinical evidence of left atrial hypertension.
      If measured, pulmonary arterial wedge pressure < 18 mmHg

2. Determine Goal Tidal Volume: 6 mL/kg of “Ideal Body Weight”

   Ideal body weight (IBW) is calculated from age, gender and height (heel to crown) following equations:

   Male:   \[ \text{IBW}_{\text{kg}} = 50 + 2.3 \times \left( \text{height inches} - 60 \right) \]
   Female: \[ \text{IBW}_{\text{kg}} = 45 + 2.3 \times \left( \text{height inches} - 60 \right) \]

   Goal Tidal Volume = IBW x 6 mL/kg = \[ \text{________} \text{ tidal volume (mL)} \]

3. Initial Ventilator Settings:

   Mode: □ Volume Assist-Control  □ SIMV  □ Other: ____________
   Tidal Volume: □ Set initial tidal volume to 8 mL/kg IBW
                 □ Reduce tidal volume to 7 mL/kg after 1-2 hours,
                 □ Goal of 6 mL/kg IBW after 1-2 hours
   Rate: Set initial ventilator rate to maintain baseline minute ventilation (not > 35 bpm)
          □ Initial Rate: ____________

4. Plateau Pressure: Goal Plateau Pressure ≤ 30 cmH2O

   Check inspiratory plateau pressure every 4 hours and after each change in PEEP or tidal volume.

   □ If Pplat > 30 cmH2O, decrease tidal volume by 1 mL/kg IBW to 5 or if necessary to 4 mL/kg IBW.
   □ If Pplat < 25 cmH2O and tidal volume < 6 mL/kg, increase tidal volume by 1 mL/kg PBW until
     Pplat > 25 cmH2O or goal tidal volume of 6 mL/kg IBW.
   □ If breath stacking or severe dyspnea occurs, tidal volume may be increased (not required) to 7 or
     8 mL/kg PBW if Pplat remains ≤ 30 cmH2O.

5. Oxygenation: GOAL: PaO2 55-80 mm Hg or SpO2 88-95%

   Use the following FiO2/PEEP combinations to achieve oxygenation goal.

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<th>FiO2</th>
<th>PEEP</th>
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<tr>
<td>0.3</td>
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</tr>
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<tr>
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</tbody>
</table>

   □ Initial FiO2: ________%  □ Initial PEEP: ________

MD Signature ____________________________  Pager ________

Print Name ____________________________ Date ________ Hour ________

A generic equivalent may be administered when a drug has been prescribed by a brand name unless order states to the contrary.

Medical Record Approval Date:  /  /03 (P-160)
P&T Approval Date:  /  /03 (P-160)
Yellow copy to Pharmacy
Pink copy to MAR