**PHYSICIAN ORDERS**

<table>
<thead>
<tr>
<th>Diagnosis</th>
<th>Weight</th>
<th>Allergies</th>
</tr>
</thead>
</table>

Place an "X" in the Orders column to designate orders of choice AND an "x" in the specific order detail box(es) where applicable.

<table>
<thead>
<tr>
<th>ORDER</th>
<th>ORDER DETAILS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communication</strong></td>
<td><strong>ICU Only - Adult Electrolyte Replacement (ICU Only - Adult Electrolyte Replacement Guidelines)</strong></td>
</tr>
<tr>
<td></td>
<td>□ T:N, See Reference Sheet</td>
</tr>
<tr>
<td></td>
<td>Check below to select the Aggressive Potassium, phosphate, and magnesium. May then uncheck any replacement orders not wanted.</td>
</tr>
<tr>
<td><strong>Communication Order</strong></td>
<td>□ T:N</td>
</tr>
<tr>
<td><strong>Medications</strong></td>
<td>Medication sentences are per dose. You will need to calculate a total daily dose if needed.</td>
</tr>
<tr>
<td></td>
<td>Select only ONE of the following potassium replacement orders - Aggressive or Non-aggressive</td>
</tr>
<tr>
<td><strong>AGGRESSIVE IV POTASSIUM REPLACEMENT</strong></td>
<td>Replacement doses for potassium levels less than or equal to 3.9 mMol/L:</td>
</tr>
<tr>
<td>potassium chloride</td>
<td>□ 20-60 mEq, IVPB, ivpb, as needed, PRN hypokalemia</td>
</tr>
<tr>
<td></td>
<td>If K+ level less than 3.1 mMol/L - Administer 60 mEq KCl ivpb, and contact provider</td>
</tr>
<tr>
<td></td>
<td>If K+ level 3.1 - 3.5 mMol/L - Administer 40 mEq KCl ivpb</td>
</tr>
<tr>
<td></td>
<td>If K+ level 3.6 - 3.9 mMol/L - Administer 20 mEq KCl ivpb</td>
</tr>
<tr>
<td></td>
<td>Administer at 10 mEq/hr. Repeat serum potassium level 2 hours after total replacement is completed.</td>
</tr>
</tbody>
</table>

| **NON-AGGRESSIVE IV POTASSIUM REPLACEMENT** | Replacement doses for potassium levels less than or equal to 3.5 mMol/L: |
| potassium chloride | □ 40-60 mEq, IVPB, ivpb, as needed, PRN hypokalemia |
| | If K+ level less than 3.1 mMol/L - Administer 60 mEq KCl ivpb, and contact provider |
| | If K+ level 3.1 - 3.5 mMol/L - Administer 40 mEq KCl ivpb |
| | Administer at 10 mEq/hr. Repeat serum potassium level 2 hours after total replacement is completed. |

| **IV SODIUM PHOSPHATES REPLACEMENT** | Select both sodium phosphate orders to replace phos levels less than 1 - 2.5 mg/dL |
| The following order replaces phos levels less than 1 mg/dL |
| sodium phosphate | □ 45 mMol, IVPB, ivpb, as needed, PRN hypophosphatemia, Infuse over 6 hr |
| | If Phos level less than 1 mg/dL AND sodium level less than 140 mMol/L - Administer 45 mMol sodium phosphate and notify provider. |
| | Repeat serum phosphate level 6 hours after infusion completed. |

*Continued on next page....*
### PHYSICIAN ORDERS

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<tr>
<td></td>
<td>The following order replaces phos levels from 1 - 2.5 mg/dL</td>
</tr>
<tr>
<td></td>
<td><strong>sodium phosphate</strong></td>
</tr>
<tr>
<td></td>
<td>☑ 30 mMol, IVPB, ivpb, as needed, PRN hypophosphatemia, Infuse over 4 hr</td>
</tr>
<tr>
<td></td>
<td>If Phos level 1 - 2.5 mg/dL AND sodium level less than 140 mMol/L - Administer 30 mMol sodium phosphate.</td>
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<tr>
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<td>Repeat serum phosphorus level 6 hours after infusion completed.</td>
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<tr>
<td></td>
<td><strong>IV MAGNESIUM REPLACEMENT:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>magnesium sulfate</strong></td>
</tr>
<tr>
<td></td>
<td>☑ 2-4 g, IVPB, ivpb, as needed, PRN hypomagnesemia</td>
</tr>
<tr>
<td></td>
<td>If Mag level is less than 1.6 mg/dL - Administer 4 g mag sulfate and notify provider if mag level is less than 1 mg/dL.</td>
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<tr>
<td></td>
<td>If Mag level is 1.6 - 1.9 mg/dL - Administer 2 g mag sulfate.</td>
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<tr>
<td></td>
<td>Administer at rate of 1 g/hr. Repeat serum magnesium level 2 hours after the infusion is completed.</td>
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</tbody>
</table>

### Laboratory

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Potassium Level</strong></td>
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</tr>
<tr>
<td><strong>Phosphorus Level</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Magnesium Level</strong></td>
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