Neuromuscular Blockade [30400780]

PATIENT MUST BE ON A VENTILATOR TO UTILIZE THIS ORDER SET
NMB has no analgesic or sedative properties: patient must be treated for pain and anxiety.
Do not interrupt continuous sedation while patient is paralyzed.
MD to initiate ICU Sedation for ventilated patients physicians orders.

If appropriate for patient condition, please consider the following order sets:
ICU Sedation for Ventilated Patients #516
Hypothermia #706

Height_____________________
Weight_____________________
Allergies___________________

General

Notify Provider

[X] Notify provider Routine, Until discontinued, Starting today
Pulse greater than:
Respiratory rate less than:
Respiratory rate greater than:
Temperature greater than (celsius):
Urine output less than (mL/hr):
Systolic BP greater than:
Systolic BP less than:
Diastolic BP greater than:
Diastolic BP less than:
Other:
If twitch response does not return after stopping the neuromuscular blockade infusion.

Indication for NMB Treatment

[X] Nursing communication Routine, Until discontinued, Starting today
Reason for Treatment:

NMB Monitoring

[X] Nursing communication Routine, Until discontinued, Starting today, Before initiating neuromuscular blockade, establish baseline power setting to be used to monitor patient throughout therapy, if possible. To do so, set initial setting at level 1 and press TOF pad, monitoring response. Increase current by 1 level to maximum setting of 6 until vigorous twitches occur.

[X] Nursing communication Routine, Until discontinued, Starting today, Note: TOF is not reliable once temperature falls before 35° C. If NMB used for shivering in therapeutic hypothermia, titrate until shivering stops and therapeutic temperature goal achieved and then discontinue NMB. See Hypothermia Protocol for shivering assessment.

[X] Nursing communication Routine, Until discontinued, Starting today, If patient already has had a neuromuscular blockade and baseline cannot be determined. Set to power of 1 and increase be 1 level until response obtained. May increase to maximum power of 6.

Provider Initial:__________________________

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Physician Orders
**Neuromuscular Blockade**

**PHYSICIAN ORDERS**

**PATIENT INFORMATION**

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**Nursing communication**

Routine, Until discontinued, Starting today, 1. Perform TOF 30 minutes after loading dose or after start if infusion (if no loading dose ordered).

2. Retest TOF every 30 minutes times 4. It twitch response consistently at ordered level, may retest every 4 hours. If TOF stable times 24 hours, then retest every 8 hours.

3. Perform TOF every 30 minutes times 4 with every rate change 4. Goal twitch response 2/4 unless otherwise ordered by provider.

* If twitch response = 0/4: Stop infusion until 1/4 twitch response returns. Restart infusion at 75% of previous rate.

* If twitch response = 4/4: Rebolus with initial loading dose. Increase infusion rate by 25%

**Nursing communication**

Routine, Until discontinued, Starting today, NMB interruption daily to assess neurologic status.

**Nursing communication**

Routine, Until discontinued, Starting today, Do not interrupt continuous sedation patient while patient is paralyzed. NMB has no analgesic or sedative properties: patient must be treated for pain and anxiety.

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**Medications**

**Medication-Loading**

<table>
<thead>
<tr>
<th>Medication</th>
<th>Loading Dose Necessary</th>
<th>Loading Dose</th>
<th>Route</th>
<th>Frequency</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vecuronium (Norcuron) syringe dose</td>
<td>No loading dose necessary</td>
<td>0.08-0.1 mg/kg</td>
<td>IV</td>
<td>Once</td>
<td>For 1 Occurrences</td>
</tr>
<tr>
<td>Rocuronium (Zemuron) 50 mg/mL injection</td>
<td>Loading Dose necessary</td>
<td>0.6-1 mg/kg</td>
<td>IV</td>
<td>Once</td>
<td>For 1 Occurrences</td>
</tr>
<tr>
<td>Pancuronium (Pavulon) injection 1 mg/mL</td>
<td>Loading Dose necessary</td>
<td>0.05-0.1 mg/kg</td>
<td>IV</td>
<td>Once</td>
<td>For 1 Occurrences</td>
</tr>
</tbody>
</table>

**Medication-Infusion**

<table>
<thead>
<tr>
<th>Medication</th>
<th>Infusion Type</th>
<th>Route</th>
<th>Frequency</th>
<th>Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vecuronium (Norcuron) infusion 20 mg/100 ml</td>
<td>Infusion</td>
<td>IV</td>
<td>Titrated</td>
<td>0.8 mcg/kg/minute</td>
</tr>
<tr>
<td>Rocuronium (Zemuron) infusion</td>
<td>Infusion</td>
<td>IV</td>
<td>Titrated</td>
<td>10 mcg/kg/minute</td>
</tr>
<tr>
<td>Pancuronium (Pavulon) infusion</td>
<td>Infusion</td>
<td>IV</td>
<td>Titrated</td>
<td>0.8 mcg/kg/minute</td>
</tr>
</tbody>
</table>

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Date:_______ Time:_______ Printed Name of Ordering Provider:__________________________

Provider Signature:______________________________________________________________

Date:_______ Time:_______ RN Acknowledged:__________________________________________

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**Provider Initial:**