

SCOPE: ALS, CCT	
<b>MEDICATION:</b>	<b>SUCCINYLCHOLINE (Anectine)</b>
<b>INTERVENTION:</b>	<p><u>Classification:</u> Depolarizing skeletal muscle relaxant</p> <p><u>Actions:</u> Ultra-short-acting, depolarizing skeletal muscle relaxant, mimics acetylcholine as it binds with the cholinergic receptors on the motor end plate, thus producing a Phase 1 block as manifested by fasciculations; It may exhibit a non-depolarizing block (phase 2) when its concentration and duration are increased</p> <p><u>Contraindications:</u></p> <ul style="list-style-type: none"> <li>• Malignant hyperthermia, family history</li> <li>• Skeletal muscle myopathies</li> <li>• Acute phase of injury after multiple trauma, major burns, extensive denervation of skeletal muscle or upper motor neuron injury; may result in severe hyperkalemia and cardiac arrest</li> <li>• Serum K+ &gt;5.5</li> </ul> <p><u>Precautions:</u></p> <ul style="list-style-type: none"> <li>• Bradycardia may occur</li> <li>• Hyperkalemia</li> <li>• Transient increase in ICP may occur</li> <li>• Increased intraocular pressure has been reported</li> <li>• <b>PREGNANCY RISK FACTOR: C</b></li> </ul> <p><u>Dosage:</u></p> <ol style="list-style-type: none"> <li>I. <u>RSI Paralytic:</u> <ol style="list-style-type: none"> <li>a. Adult/Pediatric:           <ol style="list-style-type: none"> <li>i. IV/IO: 2 mg/kg</li> </ol> </li> </ol> </li> </ol> <p><u>Onset of Action:</u> 30-60 seconds</p> <p><u>Duration:</u> 4-6 minutes</p> <p><u>Adverse Effects:</u> Cardiac arrest, dysrhythmias/tachycardia, hyperkalemia, malignant hyperthermia, pulmonary edema</p> <p><u>Special Considerations:</u></p> <ol style="list-style-type: none"> <li>I. In cases where serum potassium may be unknown and may be elevated another muscle relaxant should be utilized</li> </ol>

If this is a patient care policy, the information contained herein is used to provide guidance in the care of patients, but should not, and does not replace or preclude the use of clinical judgment.

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