

# Aspirus Langlade Hospital

## RN - Competency Assessment (Alteplase) Administration Guideline

Name: \_\_\_\_\_ Employee Number: \_\_\_\_\_ Job Class: \_\_\_\_\_

Competency:	Steps of Process:	Completed	Validators Signature & Date
<b>Technical Domain:</b>			
<p>Demonstrates the ability to correctly mix and infuse <b>Alteplase for Code Stroke</b> patients who meet criteria. (Includes return demonstration)</p> <p><b>Reason for Evaluation</b>  <input type="checkbox"/> N = New Procedure/Equipment   X H = High Risk  <input checked="" type="checkbox"/> L = Low Volume   X P = Problem Prone  <input type="checkbox"/> M = Mandatory   <input type="checkbox"/> O = Other</p> <p><b>Age Group</b>  <input type="checkbox"/> N = Neonate   <input type="checkbox"/> C = Child  <input type="checkbox"/> A = Adolescent  <input checked="" type="checkbox"/> AD = Adult  <input checked="" type="checkbox"/> G = Geriatric   <input type="checkbox"/> L = All</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Get Alteplase kit from medication room. Contents include everything required for Alteplase infusion for Code Stroke patient.</li> <li><input type="checkbox"/> Remove cap from water vial</li> <li><input type="checkbox"/> Unwrap spike and maintain sterile condition</li> <li><input type="checkbox"/> Holding the vial of water vial in the upright position, spike the vial</li> <li><input type="checkbox"/> Remove the cap from the powdered Alteplase vial</li> <li><input type="checkbox"/> Hold the water vial firmly in the upright position</li> <li><input type="checkbox"/> With the other hand, hold the Alteplase vial upside down and lower Alteplase vial spike onto the water vial port</li> <li><input type="checkbox"/> With both hands, invert both vials together so the water will be on top and flow into the Alteplase vial</li> <li><input type="checkbox"/> Once all the water is in the Alteplase vial, grasp flanges of spike and decannulate the Alteplase vial</li> <li><input type="checkbox"/> Mix solution gently by rolling the Alteplase between your hands. <b>DO NOT SHAKE. If there are bubbles in the vial, you will need to discard as it takes a long time for the bubbles to dissipate.</b></li> <li><input type="checkbox"/> Puncture Alteplase vial with IV tubing spike and open the vent on the side. Prime tubing with Alteplase.</li> <li><input type="checkbox"/> Utilizing the Alteplase dosing card, and after calculating the patient's weight in kilograms: locate the total Alteplase dose, Discard quantity, bolus dose and infusion dose.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> pass</li> <li><input type="checkbox"/> fail</li> </ul>	

