Aspirus Langlade Hospital RN - Competency Assessment (Alteplase) Administration Guideline

	· 1		
Name:		Employee Number:	Job Class:

Competency:	Steps of Process:	Completed	Validators
Technical Domain:	200-p3 01 1100033.		Signature & Date
Demonstrates the ability to correctly mix and infuse Alteplase for Code Stroke patients who meet criteria. (Includes return demonstration)	☐ Get Alteplase kit from medication room. Contents include everything required for Alteplase infusion for Code Stroke patient. ☐ Remove cap from water vial	□ pass	
	 □ Remove cap from water vial □ Unwrap spike and maintain sterile condition □ Holding the vial of water vial in the upright position, spike the vial □ Remove the cap from the powdered Alteplase vial □ Hold the water vial firmly in the upright position □ With the other hand, hold the Alteplase vial upside down and lower Alteplase vial spike onto the water vial port □ With both hands, invert both vials together so the water will be on top and flow into the Alteplase vial □ Once all the water is in the Alteplase vial, grasp flanges of spike and decannulate the Alteplase vial □ Mix solution gently by rolling the Alteplase between your 		
	hands. 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. □ Puncture Alteplase vial with IV tubing spike and open the vent on the side. Prime tubing with Alteplase. □ 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.		

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		g = ml 34.6 ml (includes the 10 ml that scarded as the maximum dose is 9 minute = 6.5 ml	20	
	☐ Using a large syringe, ac remove the discard quantity	ecess a port in the tubing and y (in this case = 34.6 ml)		
	pump with above information	☐ Connect IV tubing to patient's extension tubing and program pump with above information. When you access Alteplase on the pump, you will need to page down for the stroke dosing and bolus. ☐ Once the infusion is complete, discard the Alteplase vial and exchange it for a 0.9 Normal Saline, 50 ml bag (in the Alteplase kit in the medication room) and infuse AT THE SAME RATE AS THE ALTEPLASE for one (1) hour		
	exchange it for a 0.9 Normal kit in the medication room) a			
	☐ Vital signs including neurons 15 minutes during the infusion	o checks must be completed every on.		
	NOTE – If you do not infuse the Alteplase for some reason, please save the drug as the facility is provided a new Alteplase kit at no charge.			
Action Plan with Remediation	Date and Level of Performance:			
Job Class	Work Area	deemed competent	☐ not yet deemed competent	
Employee Signature	 Date	Director, Coordinator or Validator Signature Date		