

## Class Preparation Ischemic Stroke

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**Directions:** Read the scenario and complete the table below

**Scenario:** A 70-year-old patient diagnosed with an Ischemic Stroke was admitted 1 day ago. His medical history includes hypertension, osteoarthritis, and type 2 diabetes mellitus. He has right-sided paralysis, garbled speech, and a weak cough reflex. This morning, he is very restless. Vital signs: Blood pressure 160/80, pulse 110, respirations 24. Oxygen saturation is 90%.

**Use an X to indicate which actions listed in the left column would be implemented to prevent complications in this patient. Write the rationale for each action (why or why not would this be implemented?).**

<b>Actions</b>	<b>Implemented</b>	<b>Rationale</b>
Administer subcutaneous heparin.	<b>X</b>	<b>It can help prevent bloods from forming and reduces risk that a blood clot will break off and go to the brain. There is a risk when there's Hx of HTN and paralyzed on one side.</b>
Implement seizure precautions.	<b>X</b>	<b>It can help prevent complications bc we can put padding on the rails, and ensure safety reducing risk for complications and injury.</b>
Apply oxygen via cannula at 2 L/min.	<b>X</b>	<b>It can help support oxygen lvls, ensures that the brain receives oxygen which is important for healing/recovery.</b>

Consult speech therapy.	<b>X</b>	<b>It does help to prevent complications because speech therapy will ensure and talk about if there's speech difficulty, swallowing. Some complication sthat can occur after having a stroke. It helps to prevent aspiration and pneumonia bc you will have strategies to prevent those by speech therapist.</b>
Position the patient on his right side for no longer than 2 hours.		<b>Turning them onto that paralyzed side can put pressure on the affected imbs and increase risk of injury especially when they can't feel anything.</b>
Perform passive ROM exercises.	<b>X</b>	<b>Passive ROM allows someone to help the pt move their extremities. This helps to move joints for someone who is bedrest bc of stroke. It helps to imporve circulation and reduce risk for muscle stiffness.</b>
Elevate head of bed 45 degrees.	<b>X</b>	<b>Being semi-fowler/s can imporve blood flow to the brain and allow for easier breathing - promoting lung function.</b>