

Class Preparation Ischemic Stroke

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?).

Actions	Implemented	Rationale
Administer subcutaneous heparin.	yes	Heparin is an anticoagulant That will help thin out the blood to prevent it from clotting.
Implement seizure precautions.	yes	Due to recently having a stroke and currently having a low oxygen saturation, the patient is at a high risk for developing seizures right now.
Apply oxygen via cannula at 2 L/min.	yes	Due to his current low saturation of 90% he is not having the best tissue perfusion, so administering oxygen will help increase tissue perfusion and increase his oxygen saturation.
Consult speech therapy.	yes	Due to his speech being impaired, speech therapy will help him not only

		form sentences but can help with swallowing evaluation because he could have trouble when it comes to swallowing food.
Position the patient on his right side for no longer than 2 hours.	yes	Due to his right side being parylized that means there is muscle atrophy and puts him at a high risk for pressure injuries, therefore repositioning every 2 hours helps prevent that.
Perform passive ROM exercises.	yes	Due to the muscle atrophy of the right side it is best
Elevate head of bed 45 degrees.	yes	If the client is having trouble forming words, with a weak cough reflex that puts them at a high risk for dysphagia and aspiration. His oxygen saturation is low as well so elevating the HOB will help promote lung expansion.