

Therapist Name: _____

Date: _____

HeliOx Through the AVEA Competency

Procedure	Components / Comments	Acceptable	Unacceptable	Corrected
1. Clean hands				
2. Check chart for orders and review indications	Assess the patient to determine if HeliOx is indicated - may suggest alternative tx.			
3. Verify identify of patient				
4. Explain procedure to patient and visitors.				
5. Obtain equipment	Obtain:			
	AVEA with HeliOx connections and HeliOx hose			
	80/20 H Cylinder of HeliOx			
	HeliOx regulator			
6. Connect components	Make and check initial connections			
	Install HeliOx regulator onto 80/20 HeliOx cylinder. Tighten.			
	Switch "Smart" adapter in back of vent to allow HeliOx connection			
	Connect HeliOx hose to the back of the vent and to the regulator			
	Connect oxygen hose into standard 50 PSI oxygen outlet			
7. Prepare for pt. connection				
	Turn on HeliOx source and power up the ventilator. Perform self-check.			
	Observe the HeOx symbol in the lower right corner.			
	Verify validity of HeOx alarm by closing gas source, then opening gas source again.			
	Dial in parameters with special attention to the desired FiO2			
8. Administer ventilation				
	Connect patient and perform assessment			
	Adjust ventilator settings as needed based on patient response.			
	Ensure multiple HeliOx tanks are available for use. Always have a full cylinder on SB for switching when empty.			
	Observe heater function and adjust controls as necessary.			

Therapist performed with 100% competency _____

Date: _____

Therapist will need to redemonstrate skills on: _____

Signature of Reviewer: _____