

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Remediated Score: \_\_\_\_\_

## HeliOx Written Competency and Practical Demonstration

Instructions: In order to demonstrate competence with the HeliOx AVEA, you will need to complete this written competency with a score of at least 80%. If you do not achieve 80%, one round of remediation will be provided, and the test repeated.

1. T F Any AVEA can be used for HeliOx by bypassing the special HeliOx adapter.
2. T F It is not possible to set the HeliOx percentage directly on the AVEA, so you must set the FiO<sub>2</sub> and calculate the FiHe.
3. T F If the special AVEA HeliOx vent is not available, you can use the 980 in the same way – just plug the air hose into the HeliOx cylinder.
4. T F The AVEA will place a small green HeOx symbol in the bottom right corner if the vent is plugged into a HeliOx cylinder
5. T F Using the SUCTION button on the AVEA will cause HeliOx delivery to be interrupted.
6. T F The correct HeliOx tank to use with the AVEA is 70% Helium / 30% Oxygen
7. T F The use of nebulizers is not recommended when providing HeliOx through the AVEA.
8. T F A hot-wire sensor must be used at the patient airway when giving HeliOx.
9. T F You may need to adjust parameters on the ventilator according to patient response.
10. T F When HeliOx is being given through the AVEA, make sure the FiO<sub>2</sub> is as high as possible.
11. T F The AVEA HeliOx adapter is counter-intuitive from anything else in the world – it goes “Lefty-Tighty / Righty-Loosey”.