

Oxygen First Aid



1.
The atmospheric air we inhale contains ____ % oxygen.

- A. 12
- B. 16
- C. 21
- D. 27

2.
An absence of oxygen:

- A. May cause cell death
- B. Is known as anoxia
- C. May cause unconsciousness
- D. All of the above

3.
True or False: The most important initial actions in responding to diving accidents are to recognize there is a problem, administer 100 percent oxygen and activate emergency medical services.

- A. True
- B. False

4.
Providing a high concentration of oxygen to an injured diver may provide which of the following benefits?

- A. Acceleration of inert gas elimination
- B. Reduce bubble size
- C. Enhance oxygen delivery to tissues
- D. Reduce inflammation
- E. All of the above

5.
Percentage of oxygen delivered when using a demand valve is influenced by:

- A. Flow rate and mask fit

- B. Mask fit and mask seal
- C. Flow rate and mask seal

6.

In remote areas, the priority in oxygen delivery is:

- A. To conserve oxygen supplies
- B. To maintain the highest fraction of inspired oxygen possible
- C. Limit the flow of oxygen
- D. None of the above

7.

True or False: A demand valve flows only when the injured diver inhales, allowing the oxygen to last longer.

- A. True
- B. False

8.

The risks of handling oxygen can be reduced by:

- A. Keeping the oxygen units free of hydrocarbons found in oils and lubricants often found on dive boats
- B. Opening the valve slowly
- C. Keeping the unit away from the heat of the sun
- D. All of the above

9.

Oxygen regulators should be serviced:

- A. Annually
- B. Every two years
- C. Every five years
- D. Every 10 years

10.

True or False: The first priority when attending to injured divers is to take them to the nearest appropriate medical facility for evaluation rather than directly to a hyperbaric chamber.

- A. True
- B. False

11.

In the event of a dive accident, as a first aid provider your responsibility is to:

- A. Treat the injured diver, family and friends with respect
- B. Act in a decisive manner
- C. Perform according to your knowledge and skill level
- D. See that the diver is referred to medical care
- E. All of the above

12.

Which of the following are two important considerations when selecting an oxygen cylinder?

- A. Toxicity and distance to hyperbaric facility
- B. Capacity and time to emergency medical services
- C. Flammability and durability
- D. None of the above

