

Oxygen First Aid – Module 2 – Version 1

1. The connection to the cylinder valve for oxygen equipment is the same as the DIN connection for diving regulators. If there is no oxygen equipment available, you can attach a diving regulator to an oxygen cylinder and use it for first aid for a conscious and breathing diver.

- a) True
- b) False

2. Oxygen can create higher risk of fire and explosion, which is the reason that you should give oxygen in a well ventilated area.

- a) True
- b) False

3. With time oxygen goes bad. You should empty an unused cylinder with oxygen after a year at the latest and have it filled with fresh oxygen. Do not use oxygen that is older than a year for first aid purposes.

- a) True
- b) False

4. A first stage with an intermediate pressure connection allows the use of a demand valve as a mask option, which is the preferred equipment to provide oxygen to a breathing patient.

- a) True
- b) False

5. A fixed flow and an adjustable flow first stage should provide a flow of at least 15 liter per minute to be efficient for diving related medical problems.

- a) True
- b) False

6. An average person is breathing 15 liters of breathing gas per minute. If a mask that is connected to a fixed flow first stage that is set to deliver 15 liters per minute, it is not necessary that the mask is equipped with a reservoir bag, as the first stage covers the demand of the patient.

- a) True
- b) False

7. A rebreather system is not advised as type of oxygen equipment in a diving emergency in the first moments after the incident. It can be useful for transport of long duration after most of the nitrogen is eliminated from the body of the patient.

- a) True
- b) False

8. To decide on the size of cylinder to be used for first aid, you can estimate each liter of cylinder volume on 200 bars to be enough for half an hour of oxygen for a single patient.

- a) True
- b) False

9. It is important that a face mask seals well on the face of the patient. When none of your masks fit, you can attach a mouthpiece of a diving regulator to the second stage. In that case the nose of the patient must be closed (the patient needs to be conscious).

- a) True
- b) False

10. You need to inflate the reservoir bag from a non-rebreather mask before placing the mask on the face of the patient.

- a) True
- b) False