

PRINTED TEST

NAME \_\_\_\_\_ 2010 DATE \_\_\_\_\_

Smith Seminars  
Hyperbaric Oxygen Therapy Online Test

1. \_\_\_\_\_ Wounds that have been manipulated and successfully treated with HBO include:

- A) Foot wounds from diabetes
- B) Radiation ulcers
- C) A & B
- D) None of the above

2. \_\_\_\_\_ The disadvantages of multiplace hyperbaric chambers include:

- A) Constant patient attendance
- B) Higher operating costs
- C) Attendants able to enter and exit during therapy
- D) All the above

3. \_\_\_\_\_ Hyperoxygenation primary effects include:

- A) Decreased oxygen diffusion in tissue fluid
- B) Diffusion distance proportional to the square root of liquid oxygen
- C) Greater oxygen carrying capacity
- D) All the above

4. \_\_\_\_\_ Secondary effects of hyperbaric medicine include:

- A) Angiogenesis
- B) Vasodilatation
- C) Decreased gas bubble size
- D) None of the above

5. \_\_\_\_\_ Signs and symptoms of oxygen toxicity may appear as:

- A) Muscle twitching
- B) Dry cough
- C) Pulmonary edema
- D) All the above

6. \_\_\_\_\_ Under hyperbaric conditions of 3 atm while breathing 100% oxygen:

- A) The total dissolved oxygen content delivered is in excess of this metabolic requirement
- B) Oxygen can be supplied under these conditions even in the absence of hemoglobin
- C) A & B
- D) None of the above

NAME \_\_\_\_\_ 2010 DATE \_\_\_\_\_

Hyperbaric Oxygen Therapy Online Test

7. \_\_\_\_\_ The most common barotrauma is:
- A) Increased cardiac output
  - B) Reversible myopia
  - C) Hypoglycemia
  - D) Middle ear injury
8. \_\_\_\_\_ Hyperbaric treatment of carbon monoxide poisoning attempts to:
- A) Hypoxygenate tissues and antagonize belly lipid peroxidation
  - B) Deactivate cellular enzymes and proteins and increase cerebral edema
  - C) Accelerate the release and subsequent elimination of carbon monoxide from hemoglobin
  - D) None of the above
9. \_\_\_\_\_ In chronic stroke rehabilitation:
- A) Hyperbaric oxygen treatment, when given daily, stimulates a process called angiogenesis or the formation of new blood vessels
  - B) Hyperbaric oxygen induced blood vessel repair
  - C) New blood vessels improve the blood flow and oxygen delivery to the damaged brain tissues
  - D) All the above
10. \_\_\_\_\_ Diaschisis most commonly manifests itself by such neurological signs as:
- A) Impaired consciousness or cognitive impairments including dementia
  - B) Dyspraxias, dystaxias, and dysphasias
  - C) Incoordination and sensory neglect
  - D) All the above

### Submission Instructions

Print the test, answer the questions, and fill out personal information.

Submission Method #1 – Fax to us at 972-759-9791

Submission Method #2 – Smith Seminars, PO Box 516, Paradise, TX 76073

Submission Method #3 – Go to [www.smithseminars.com](http://www.smithseminars.com) online tests and enter answers

AARC members please include AARC membership number, if you have one.

This program is AARC-approved for 2 CRCE credits.

The test must be completed and passed prior to December 31 of the year of purchase.

You must complete 70% correctly to receive your certificate of completion.

Certificate delivery will be according to your request below, please allow 36 hours for emailed and faxed copies. Regular mailed copies will go out the next business day at the latest.

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

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip

Code: \_\_\_\_\_

Best Contact Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Certificate Delivery (check one):  Email  Regular Mail  Fax

Order Confirmation # \_\_\_\_\_

AARC Member # (if you have one): \_\_\_\_\_