

Medical Knowledge and Patient Care: Hyperbaric Oxygen Treatments

Date of visits to HBO: _____

Fellow: _____

Supervisors: _____

1. Which of the 13 approved indications for the use of HBO are supported by published, randomized controlled clinical trials?
2. Which of the 13 approved indications for the use of HBO are supported by strong, scientific rationale, animal data, uncontrolled case series and positive clinical experience, but not randomized controlled clinical trials?
3. Which of the 13 approved indications for the use of HBO are supported by scientific rationale and a national consensus of experts (UHMS)?
4. What is the physiological rationale for the use of HBO for one indication in each of category 1 and 2 above?
5. What are the main side effects and complications of HBO?
6. How expensive is HBO and how many treatments are needed?
7. What logistics are involved in the administration of HBO: (types of chambers, how to refer patients, how to put critically ill and mechanically ventilated patients into the chamber? What “preparation” is needed?)
8. About how many HBO facilities are in Virginia and the Carolinas? How are these chambers certified?
9. What training is required to be certified in HBO medicine? After being at the chamber, what would you tell a patient and their family about what to expect about HBO?
10. What is one thing that you learned today that you didn't know before today or that surprised you?

HBO Learning Exercise Evaluation

This exercise was useful in teaching me about the indications for HBO

Not at all	A little	A moderate amount	A lot
1	2	3	4

This exercise was useful in teaching me how HBO works and how it is delivered

Not at all	A little	A moderate amount	A lot
1	2	3	4

The amount of time spent in this learning exercise was appropriate (if you disagree, state whether more or less time is needed)

Not at all	A little	A moderate amount	A lot
1	2	3	4

The people at the HBO were helpful teachers

Not at all	A little	A moderate amount	A lot
1	2	3	4

Going to the chamber and learning about HBO was a better use of time than simply reading about HBO

Not at all	A little	A moderate amount	A lot
1	2	3	4

Self Evaluation

I understand the physiologic principles of HBO

<u>Novice</u> Needs Mentoring	Advanced <u>Beginner</u> less than <avg.	<u>Competent</u> avg	<u>Proficient</u> slightly>average	<u>Expert</u> top 30%	<u>Expert</u> top 10%	<u>Expert</u> top 1%
1	2	3	4	5	6	7

I understand the strengths and limits of HBO

<u>Novice</u> Needs Mentoring	Advanced <u>Beginner</u> less than <avg.	<u>Competent</u> avg	<u>Proficient</u> slightly>average	<u>Expert</u> top 30%	<u>Expert</u> top 10%	<u>Expert</u> top 1%
1	2	3	4	5	6	7

I would be comfortable making a referral to HBO

<u>Novice</u> Needs Mentoring	Advanced <u>Beginner</u> less than <avg.	<u>Competent</u> avg	<u>Proficient</u> slightly>average	<u>Expert</u> top 30%	<u>Expert</u> top 10%	<u>Expert</u> top 1%
1	2	3	4	5	6	7

HBO Evaluation by Supervisor

The fellow was on time to this rotation

<u>Novice</u> Needs Mentoring	Advanced <u>Beginner</u> less than <avg.	<u>Competent</u> avg slightly>average		<u>Proficient</u> top 30% top 10%		<u>Expert</u> top 1%
1	2	3	4	5	6	7

The fellow was professional

<u>Novice</u> Needs Mentoring	Advanced <u>Beginner</u> less than <avg.	<u>Competent</u> avg slightly>average		<u>Proficient</u> top 30% top 10%		<u>Expert</u> top 1%
1	2	3	4	5	6	7

The fellow was engaged in this learning exercise.

<u>Novice</u> Needs Mentoring	Advanced <u>Beginner</u> less than <avg.	<u>Competent</u> avg slightly>average		<u>Proficient</u> top 30% top 10%		<u>Expert</u> top 1%
1	2	3	4	5	6	7

The fellow understands the strengths and limitations of HBO

<u>Novice</u> Needs Mentoring	Advanced <u>Beginner</u> less than <avg.	<u>Competent</u> avg slightly>average		<u>Proficient</u> top 30% top 10%		<u>Expert</u> top 1%
1	2	3	4	5	6	7

The fellow asked appropriate questions

<u>Novice</u> Needs Mentoring	Advanced <u>Beginner</u> less than <avg.	<u>Competent</u> avg slightly>average		<u>Proficient</u> top 30% top 10%		<u>Expert</u> top 1%
1	2	3	4	5	6	7

The fellow understands the physiologic principles of HBO

<u>Novice</u> Needs Mentoring	Advanced <u>Beginner</u> less than <avg.	<u>Competent</u> avg slightly>average		<u>Proficient</u> top 30% top 10%		<u>Expert</u> top 1%
1	2	3	4	5	6	7