

Dressing in Chambers

HBOT Safety Awareness Program



Background

- Go or No GO????? This the question that has plagued new and inexperienced HBO techs on a daily basis! After the Florida accident some have gone to extremes of removing all medical related dressings and skin barriers prior to HBOT.

- Traditional practices of excluding certain types of dressings should be revisited. Vaseline gauze are permitted in the monoplace chamber and have been used for many years without incident.
- Simply cover them during treatment is a good practice.
- Lotion or cream with petroleum base can be used especially to help skin eruption from happening. It can be counter productive and harmful to the patient to scrub away all the medication on a daily basis prior to HBO.

NFPA

14.3..5.4.3

- “The Physician or surgeon in charge, with the concurrence of the safety director, shall be permitted to use prohibited items in the chamber that are one of the following”
 - 1. Suture material
 - 2. Alloplastic devices
 - 3. Bacterial barriers
 - 4. Surgical dressings
 - 5. Biological interfaces

Procedure:

- When evaluating a dressing for Hyperbaric we must use a logical fact based method that we can then document. It is at all times of the utmost importance that balance the overriding safety concerns with the need to provide good wound care. DOCUMENT your decision!



POST TEST

DRESSING IN CHAMBER

Vaseline gauze dressings are permitted in the monoplance chamber.

True or False



TRUE

Not sure about this question

- The first test be place a dressing the chamber is to determine if the patient _____ for effect wound healing treatment.

The physician or surgeon in charge, with the concurrence of the safety director, shall be permitted to use prohibited items in the chamber that are one of the following (pick two)

Suture material

Surgical dressings

Biological interfaces

Alloplastic devices

Bacterial barriers

If you are not sure that a product is safe to go into a chamber, if the doctor ordered it then it is ok to go in the chamber with no further investigation needed

True or False

False

Just because the doctor order it does not make it safe. Always think through the options.

If a product contains a small amount of questionable ingredient, such as a petroleum base, a good practice is simply to cover it during the treatment.

True or False

True

Remember to document !

References: **Hyperbaric Medicine Practice” 2nd edition by Dr. Kindwall(pp. 417).

NFPA 99, 2012 addition chapter 14

Serena Group policy and procedure.2020



Thank you!