

Hyperbaric oxygen therapy : Organisation of the collection and transmission of data concerning patients sessions

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New therapeutic hyperbaric chambers have an average capacity of 8 to 10 people

= extra staff is requested

Extra duties imply repercussions on the internal organisation of an hyperbaric centre

Oral transmission of information about patients it's not sufficient now

= Organisation of the collection and transmission, of data inside the HBO team.



!! No specific bibliography !!

Perspectives of collecting information re safety, for physicians, operators and attendants in charge

First period: August - December 2002

= listing of the prohibited items brought by patients

Second period: year 2003

= **Prohibited items + patients' incidents**

Last period: January - May 2004:

+ sharpened details about patients' incidents



HBO Safety: General organisation

Prior treatments, information's by the physician in charge
+ info flyer

Prior first session: information's by the operator in charge

Prior closing of the doors: request by each patient

Prior each compression: automatic message re safety
rules



List of prohibited items:

Aerosols, Alcohol

Batteries with unprotected leads

Cigarettes, cigars, tobacco of all kinds

Drugs, non prescribed

Electrical equipment including tape recorders, radios, etc,

Explosives

Glass thermometers, including batteries containing mercury

Lighters, matches

Non-diving watches

Petroleum based lubricants, grease, fluids

Thermos flasks

Source:

A EUROPEAN CODE OF GOOD PRACTICE FOR HYPERBARIC OXYGEN THERAPY

Prepared by the Working Group «SAFETY» of the COST Action B14 «HYPERBARIC OXYGEN THERAPY»

2004



First period August - Dec 2002

= 320 sessions (1 739 exposures)

Collected items :

- 4 lighters,
- 2 mobile phones,
- 1 car remote control
- 32 watches

1 lighter for 80 sessions ...



Second period (2003)

= 744 sessions (5 069 exposures)

+ 136 compression
sessions had to be stopped

Collected items :

9 lighters,

4 mobile phones,

86 watches

and other **various items**,
such as a **bottle of
perfume**,

or 2 hearing aids

= 1 lighter for 82 sessions...



Last period : January - May 2004

= 317 sessions (1825 exposures)

Collected items:

5 lighters

5 mobile phones

12 watches

3 car **remove control**

+ 64 compression process
had to be stopped (11 for
not chronic patients)

1 session had to be
stopped for hyperoxy

= 1 lighter for 63 sessions...



Structured method which aims to collect, over and above technical and medical information, any incident regarding each patient

ag : ###	Sessie Nr :	Uur : 11.30	Standaard	Operator(s) :									
Telefoon Nr	Magische vraag	AIR Reserve	Ventilatie	Alarmen / Opm. Vooraf	Geen								
	Begin O2 :	Einde sessie :											
Stoe	Naam	Voorz.	Nr.	Medische Opm. T = O2 tent	Indic.	Administratieve Opm.	Day Before	Voorwerp in kamer	Stop	Malaise	Andere	Opm.	
1	#REF!	#REF!	####	#REF!	#REF!	#REF!							
2	#REF!	#REF!	####	#REF!	#REF!	#REF!							
3	#REF!	#REF!	####	#REF!	#REF!	#REF!							
4	#REF!	#REF!	####	#REF!	#REF!	#REF!							
5	#REF!	#REF!	####	#REF!	#REF!	#REF!							
6	#REF!	#REF!	####	#REF!	#REF!	#REF!							
7	#REF!	#REF!	####	#REF!	#REF!	#REF!							
8	#REF!	#REF!	####	#REF!	#REF!	#REF!							
9	#REF!	#REF!	####	#REF!	#REF!	#REF!							
10	#REF!	#REF!	####	#REF!	#REF!	#REF!							
11	#REF!	#REF!	####	#REF!	#REF!	#REF!							
12	#REF!	#REF!	####	#REF!	#REF!	#REF!							
13	#REF!	#REF!	####	#REF!	#REF!	#REF!							
14	#REF!	#REF!	####	#REF!	#REF!	#REF!							
15	#REF!	#REF!	####	#REF!	#REF!	#REF!							
16	#REF!	#REF!	####	#REF!	#REF!	#REF!							
Begeleider	Tech												
	<u>Chronische problemen</u>												
											<u>TV Schermen</u>		
											4	2	
											3	1	
	<u>Andere problemen</u>												
											Level : L M H		
											level : L M I		
Aanvullen w Aanvullen Chocotoff				Sluiten purge + Starvalve				Herconditioneren v d kamer				Door	
Besmette Ontsmetten van de kamer				Ontsmetten Med Mat				Ontsmetten Comdo bord				Door	

Conclusion:

The collection of this information is essential, but it will be of no use, if there is no follow up

It's imperative to organize the transmission of this information to the actors, members of HBO staff, who will meet those same patients in their next session.

Owing to this rigorous step, a lot of information re the patients are exploited in order to ensure their safety.

**This presentation were
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