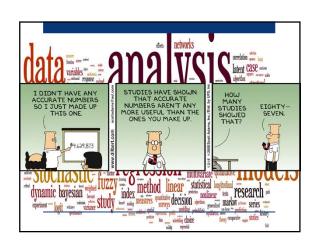
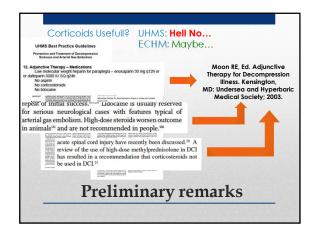


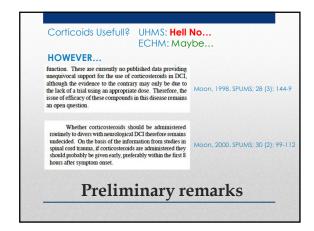
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Conflict of interest disclosure statement

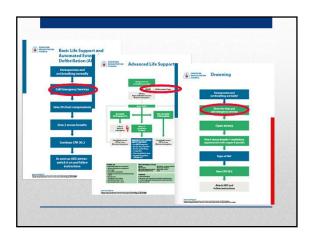


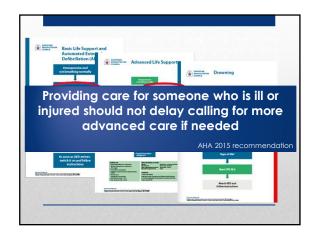


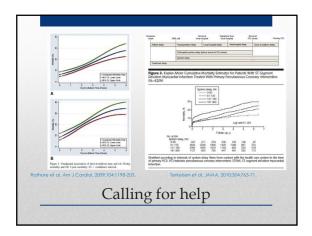


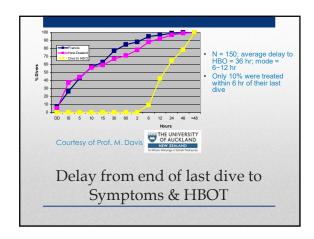




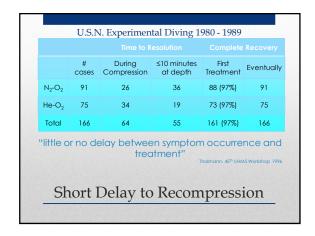


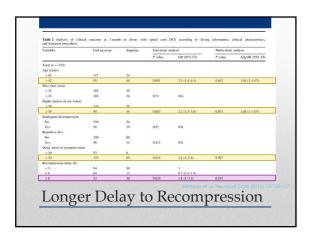


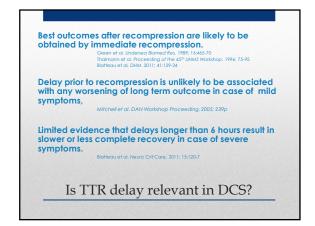


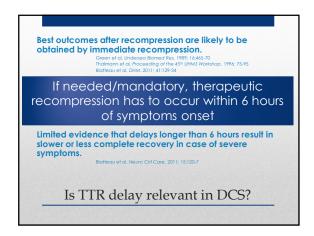


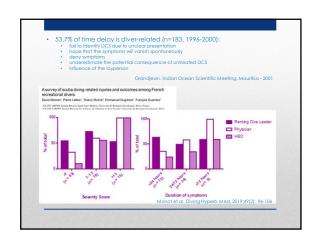
Authors	DCI Type	N° patients	TTR cut off	Association
Rivera 1964	Type I & II	888	<3 hours (n=516) >3 hours (n=172) >6 hours (n=91) >12 hours (n=70) >24 hours (n=27) >48 hours (n=18)	Yes in severe cases
Kizer 1982	Type I & II	50	>12 hours (n=50) > 24 hours (n=20)	Yes
Van Hulst 1990	Type I & II CAGE	121	<12 hours (n=34) >12 hours (n=73) >24 hours (n=14)	Yes
Vann 1993	Type I & II	1,159	Unknown	No
Ball 1993	Type II Spinal cord	49	<12 hours (n=21) >12 hours (n=8) >24 hours (n=20)	Yes in severe cases
Boussuges 1996	Type II Cerebral & Spinal cord	96	Unknown	No
Desola 1997	Type I & II	466	<3 hours (n=112) >3 hours (n=04) >6 hours (n=83) >12 hours (n=42) >24 hours (n=69)	No
Ross 2007	Type II	390	Unknown	Yes in severe cases
Sempp 2010	Type II Inner ear	99	>6 hours (n=?)	Yes
Gempp 2010	Type II Spinal cord	63	>3 hours (n=15) >6 hours (n=13)	No
Blatteau 2011	Type II Spinal cord	279	>3 hours (n=73) >6 hours (n=82)	No
Nu 2012	Type I & II Mild to severe	5,278	>6 hours (n=1,802) >12 hours (n=555) >24 hours (n=234) >36 hours (n=119)	Yes
Mutzbauer 2013	Type II Mild to moderate	28	> 17 hours (n=13)	No
Lee 2015	Type I & II CAGE	195	>24 hours (n=90)	Yes
Hadanny2015	Type I & II	204	>48 hours (n=76)	No
ls	TTR dela	y relev	ant in DC	5?

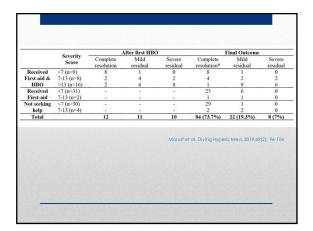


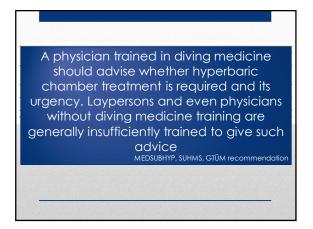






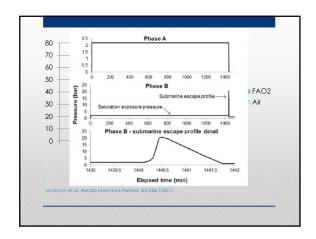


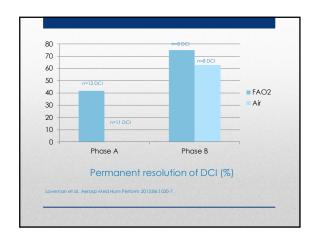


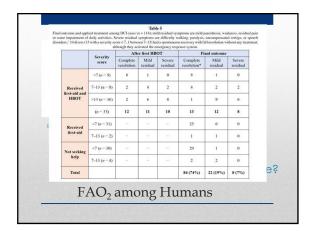


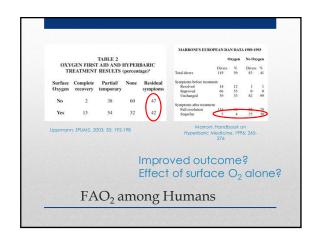


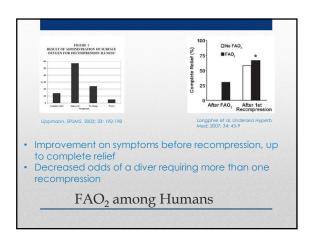


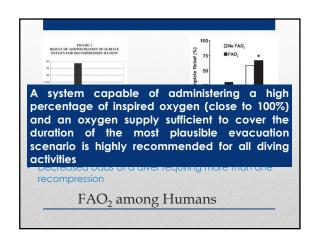




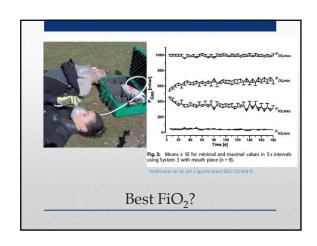


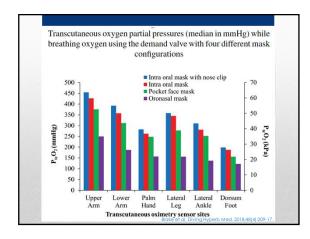


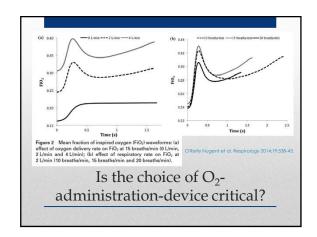


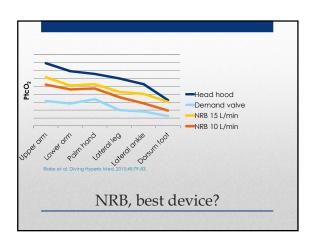


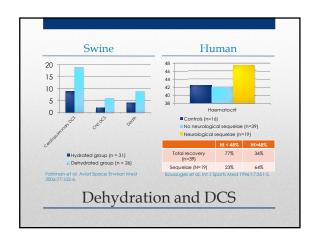


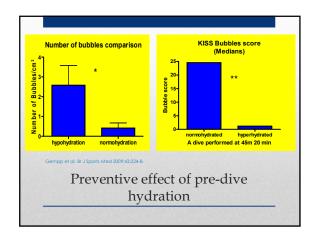




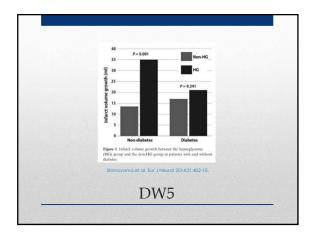








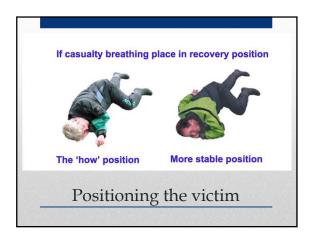




Oral Hydration is recommended but should be avoided if the patient is not fully conscious.

Fluids should be non-carbonated, non caffeinated, non alcoholic and ideally isotonic. (drinking water ok)

If suitably qualified and skilled responders are present, intravascular rehydration with non-glucose containing isotonic crystalloid is preferred.



Human evidence of enhanced inert gas washout in horizontal subjects

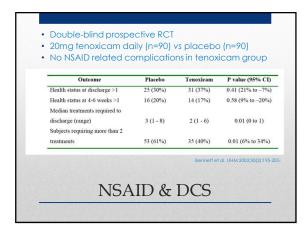
In vivo evidence of cephalad bubble distribution if upright

In vivo evidence that head down position is harmful in DCI

Positioning the victim



Empasized in the late 60's dation
Place in First-aid = 2 mendation
Mostly based recommence
IV Pentovicible recovidence
Aspirossible on evidence available
Aspirossible on evidence available
Only expert opinion available
Adjunctive therapies



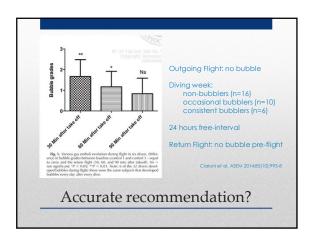


Treatment with NSAID is appropriate if no contraindications

No evidence to support/refute the use of other agents:

Corticosteroids, pentoxyphylline, aspirin, lidocaine, nicergoline,...





Is it worth the risk of drowning?

 No medically supervised demonstration of the efficacy of IWR

 Some evidence
 Efficacy of short delay to recompression
 Efficacy of shallow recompression

 Threshold delay for retrieval versus IWR?
 Training level for IWR?

IWR Controversy



