

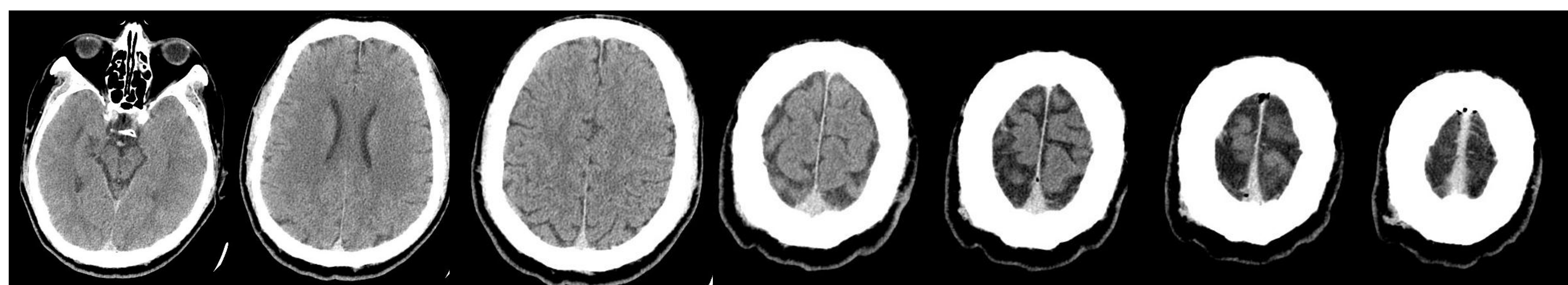
D62

# Following the Surviving Sepsis Campaign Guidelines to Treat a Case of Severe Decompression Sickness With Profound Shock

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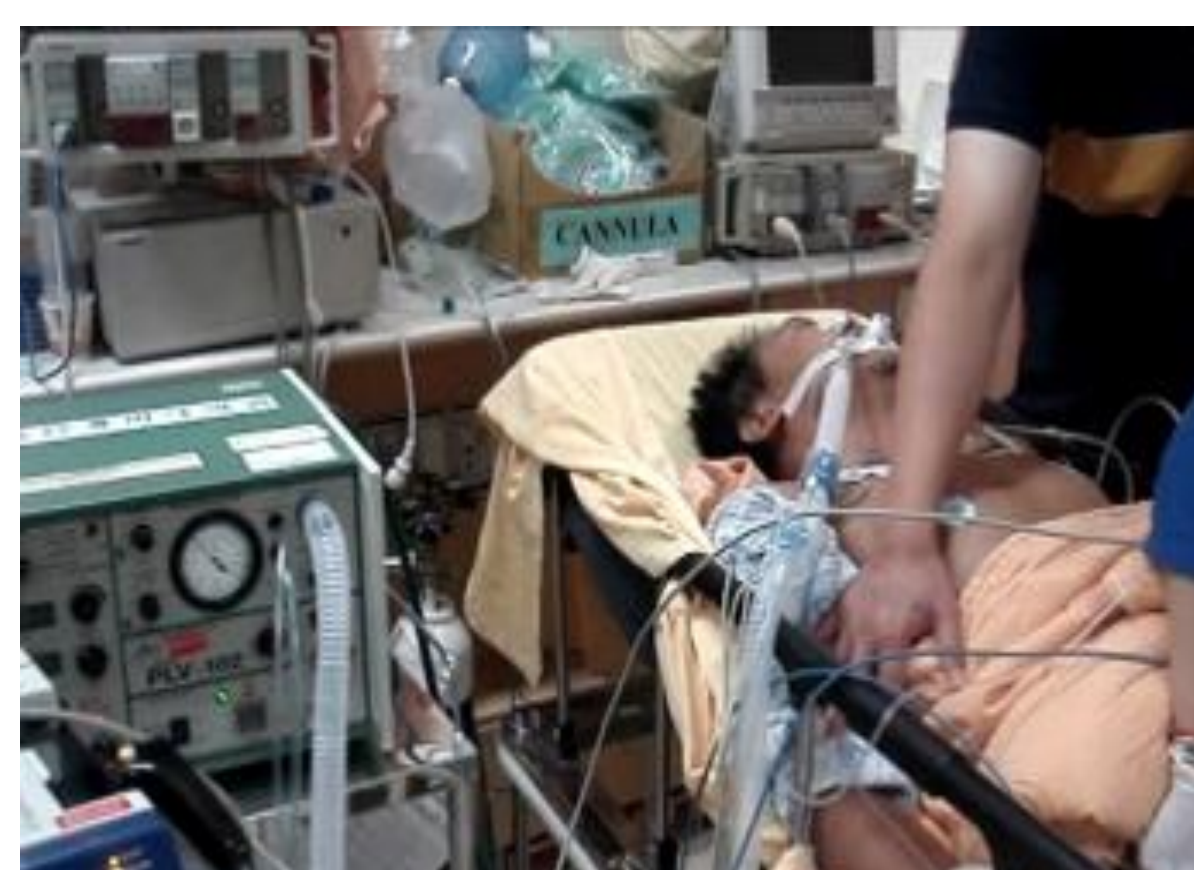


A 53-year-old male diving fisherman presented to the first hospital with symptoms of headache, general weakness, and chest tightness right after coming up to the surface from an extensive diving of 25 m 60 min and 45 m 40 min.



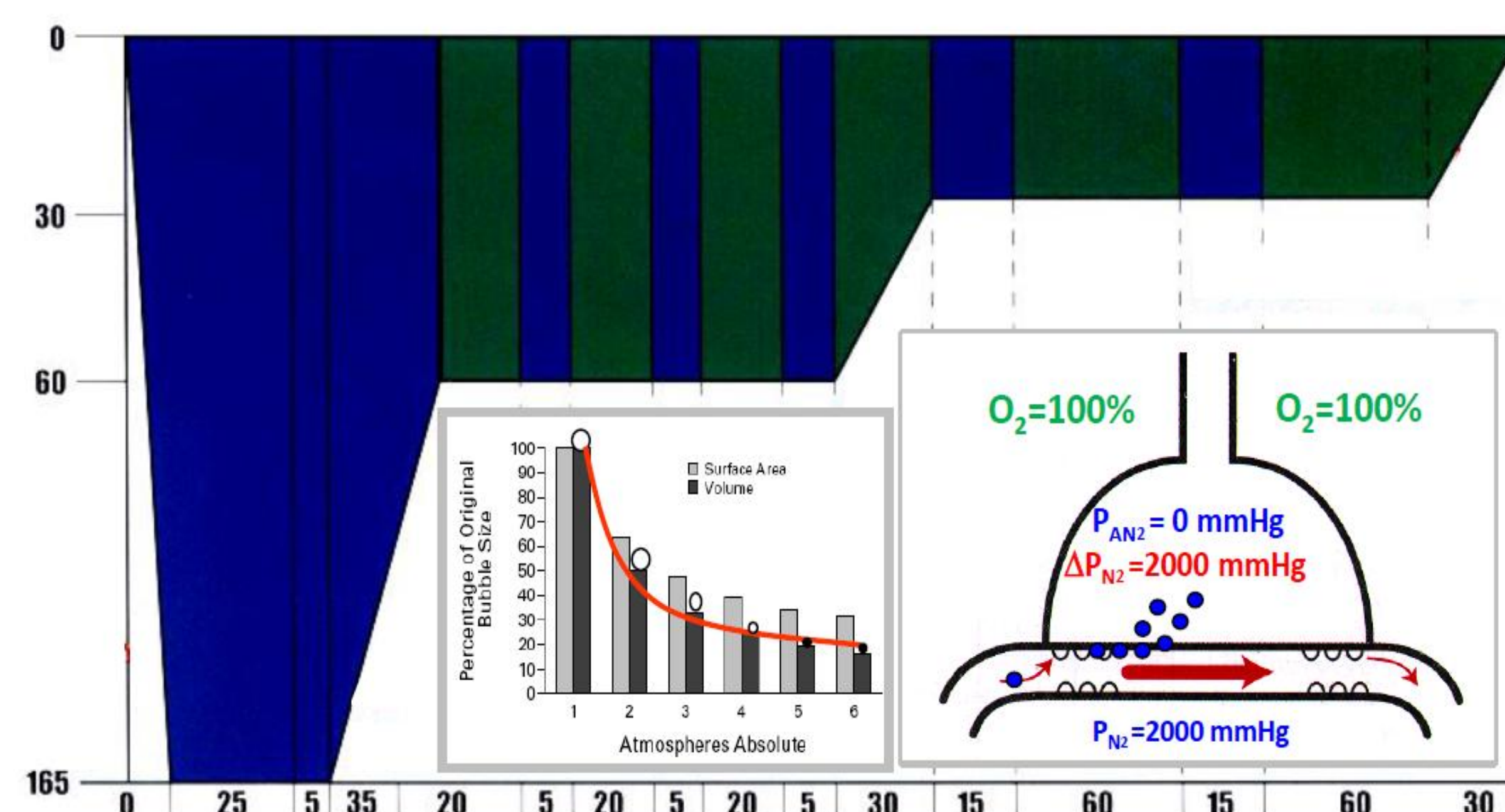
On the way transferring ...

On arriving our ER...



WBC, count/ $\mu$ l	34550	BUN, mg/dl	32
Hemoglobin, g/dl	23.5	Creatinine, mg/dl	3.3
Hematocrit, %	67.3	D-dimer, mg/l (FEU)	6.09
Platelet, count/ $\mu$ l	187k	CK, U/l	632
CRP, mg/dl	2.88	AST, U/l	314
Lactate, mmol/l	8.0	ALT, U/l	163

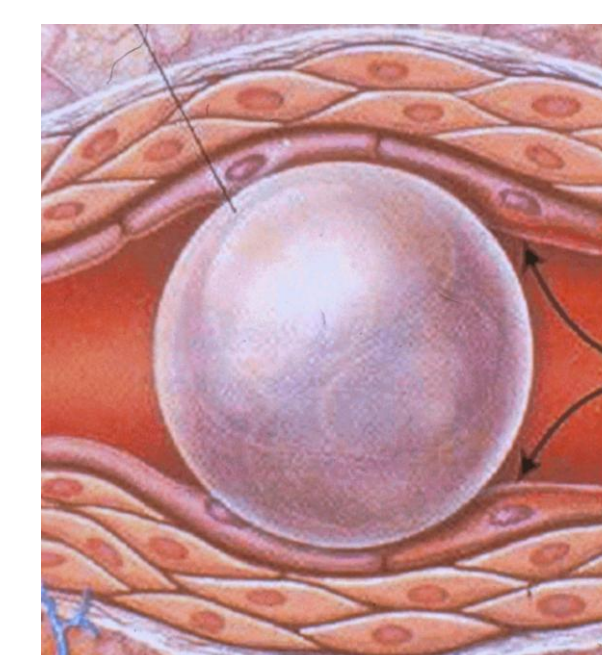
Taking HBOT using USNTT6A...



Multi-organ dysfunction syndrome...

**Coma (CNS failure)**

**Hemodialysis (renal failure)**



**Max dosage:  
Vasopressor  
Inotropic agent  
(cir. failure)**

**DIC (hema. failure)**

Family asked AAD on a critical condition for patient's last will going home!

What we can do?



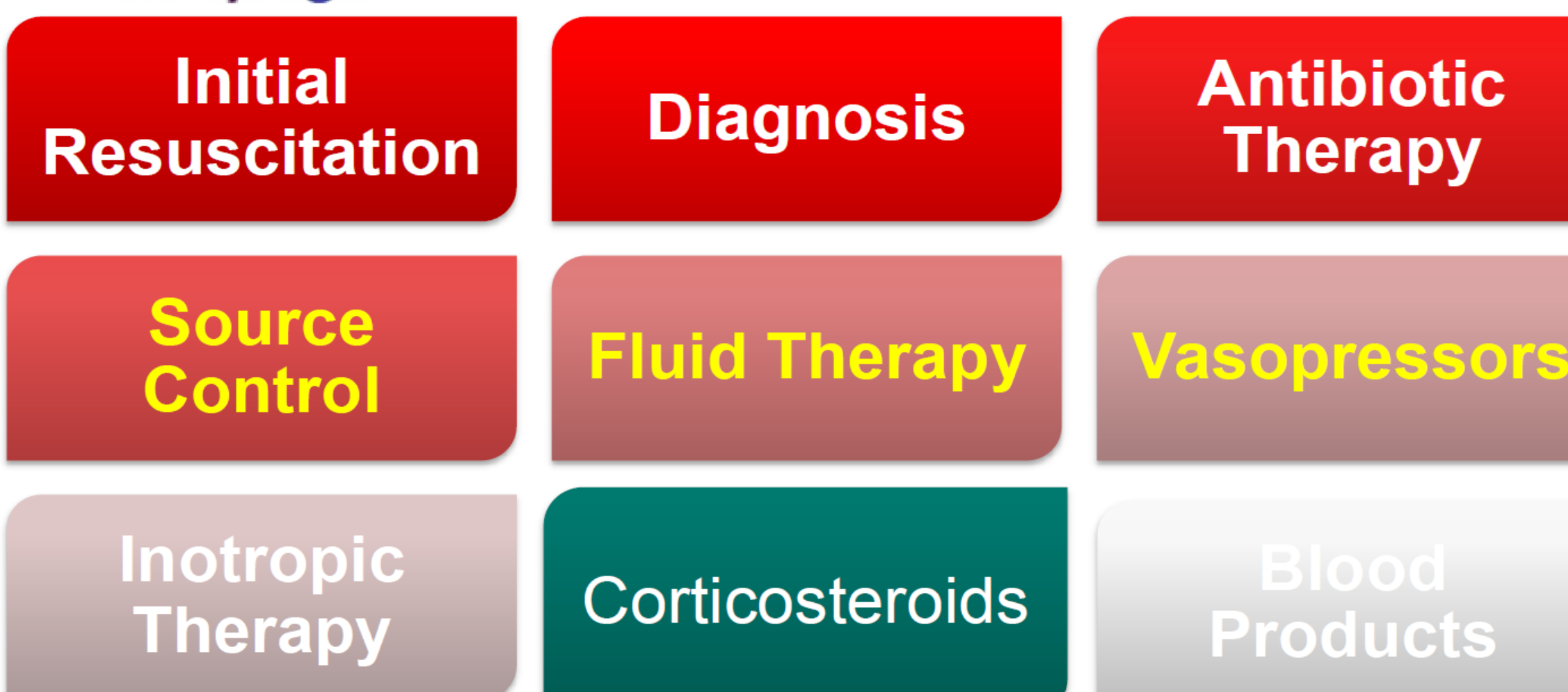
**U.S. Navy Diving Manual** REVISION 6  
15 APRIL 2008

- 20-11.1 **Decompression Sickness.**
- 20-11.1.5 **Steroids.** Steroids are no longer recommended for the treatment of DCS. No significant reduction in neurological residuals has been found in clinical studies for DCS adjunctively treated with steroids and elevated blood glucose levels associated with steroid administration may actually worsen the outcome of CNS injury.
- 20-11.2 **Arterial Gas Embolism.**
- 20-11.2.6 **Steroids.** Steroids are no longer recommended for the treatment of AGE. No significant reduction in neurologic residual has been shown with adjunctive treatment with steroids for AGE and elevated blood glucose levels associated with administration of steroids may worsen the outcome of CNS injury.

What we have done?



**Sepsis Guidelines 2012**

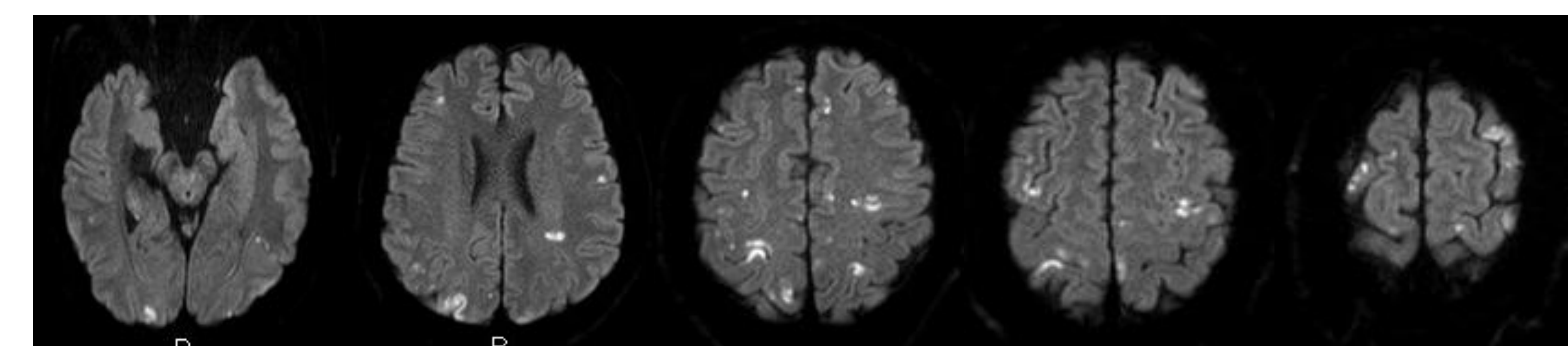


**R** Hydrocortisone 200 mg/24 hour continuously infusion...

On the second, third, forth day...



On the forth day...



On the fifteen day...



Probably...

