The effects of pressure on the diver's body Despite the wave and flow

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Abstract

Statement: Breath hold diving has been used for centuries, is still used for recreation and commerce. This type of diving requires abilities such as keeping breath, and Bearingdeep pressure and doing things quickly in a short time.But the compressed air pressure in the cylinders with air pressure that a diver can tolerate is not similar and the air pressure of the cylinders must change. In any diving (with or without air cylinders) exceeded a certain amount of air pressure on the diver's body can be very dangerous.From 1900 onwards the rules of Pascal, Boyle, Dalton and Henry gases are special rules that explain the basic rules of diving and their relationship with the gases used.The present article refers to the rules and formulas to evaluate the relationship of physical pressure on the human body In areas up to a depth of about 40 meters with waves and flow as well as the effects of pressure changes at different depths on its human organs.

Recent Publications

1)NOAA Dining Manual , 3 rd Edition, U.SDepartment of commerce , National Ocean Atmospheric Admospheric Administrion , Washington . D.C . 1991
2) U.S Navy Diving Manual , Vol .1 (Air Diving) and vol 2 (Mixed Gas Diving) , Best Publishing CO , BOX30 , BOX 30100 . Flagstaff , A Z 1993 .
3)Bennett P , Elliott D , editors . The Physiology and Medicinne of Diving 4 edition WSaunders CO , philadlphia 1993 .
4)Bove AA . Davis jc . editors . Diving MEDICINE . 2 ed . W. B . Saunders . Philadelphia 1990.
5) Edmonds C . Lowry L . Pennfather . j Diving and Subaquatic Medicine . Butterworth Heinemann, Oxford . 1992



Biography

My name is Afsaneh Karamipour , I graduated form Shiraz University in BA of Physics and received my MA from Islamic Azad University North Tehran Branch in the Physical Oceanography.
I have worked as a teacher in the Education for 25 years, and also 7 years in university.
I have rendered 13 Articles in domestic conferences and one Article in domestic and overseas conferences.
I have been teaching in National Organization for Development of Exceptional Talents high school since 2005 until now.

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