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

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Breath holds diving has been used for centuries is still used for recreation and commerce. This type of diving requires abilities such as keeping breath and bearing deep 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

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