

Abstract

Title: Analysis of fatal accidents in the Czech Republic during scuba diving from 1997 to present

Objectives: The aim of the thesis is to collect and analyze information about fatal accidents in scuba diving, which took place since 1997 to the present on the territory of the Czech Republic, to highlight their possible causes and common denominators. Another aim is to point out causal connection of factors leading to the deaths of divers through case studies of a few selected accidents.

Methods: To meet the objectives of the work was used both quantitative and qualitative approach. In the quantitative part of the work were used data collections and analysis of information about the investigated accidents. In the next part of the thesis were used qualitative analysis of selected expert opinions received from expert in the field of diving.

Results: The most frequent disabling injury in observed cases is a barotrauma and the most frequent cause of death is a suffocation caused by drowning . An important discovery is frequent neglecting of safety policy and overrating self capability in connection with the level of competence and experience.

Keywords: diving, fatal accidents, risk factors