Disease which are connected with diving are mostly caused by changes of surrounding pressure. Liquids don’t make any harm in organism, due to incompressibility under this conditions. Causal problems are caused by gas and spaces that are filled with it. Gas changes its capacity because of changes of the pressure and temperature and it exerts to walls of spaces filling with it. This fact is responsible for more than half causes of all diseases related with diving. The second half of diseases is caused by changing solubility of gas contained in liquids during changes of surrounding pressure. Other causes are mostly marginal.