

PROPOSAL FOR MODIFICATION OF THE INTERNATIONAL CLASSIFICATION OF HEALING MINERAL WATER

Irena Ponikowska¹, Teresa Latour², Natallia Veryho³

¹Cuiavian University in Wloclawek

²National University, Dep. of Natural Thermal Resources

³Thermal Hospital in Ciechocinek

Abstract

Introduction:

In Balneology, healing mineral waters are treated like pharmacological drugs, hence they should be safe and good quality, and contain optimal concentration of specific mineral components. These dates are in international classification of mineral water. This classification was established between the years 1911 and 1934. The progress in medicine and new chemical and clinical research studies have shown that some of the components of mineral water are toxic, but they are still considered a healing factors in international classifications. Other components which are considered as healing, are not absorbed through the skin and do not develop therapeutic effects. So they should not be considered specific healing components of water. The next problem is the optimal limit concentration of the therapeutic components. Application of water with very low concentration of active pharmacodynamics compounds don't allow the appropriate medical effects.

Material and method: We propose to make changes within the range of the value of the qualitative and quantitative specific therapeutic components in the international classification of healing mineral water.

Results: We presented the proposals for changes in the international classification of healing water in 2017 at FEMTEC conference. The Polish Balneological Association has established recommendations regarding the most important changes in current very old international classifications of the healing waters

Conclusion: We encourage the Romanian Balneological Association to make similar changes in the classification of your healing waters