

Milisav Čutović

APPLICATION OF ZEOLITE-CLINOPTILOLITE AS A BALNEOLOGICAL AGENT

Natural zeolites are crystalline aluminosilicates of vulcanic origine. It has potent antitoxic, antioxidant, immunomodulating, buffering, antiinflammatory, analgetic, hemostatic, antifungal, antibacterial and antiviral effects, that exhibits in human body. Clinoptilolite effectively removes heavy metals and mycotoxins from the body, increases the antioxidant status, especially in patients with malignant disease and diabetes mellitus, sets the acid-base status of the blood to the physiological levels, reduces pain in muscles and connective tissue, stops diarrhea and external bleeding, reduces fungal infection, antagonize the effects of hepatitis B and C viruses, reduces drowsiness, speeds recovery and stimulates wound healing. Zeolite addition to the natural peloides improves their quality and makes them more effective in the treatment and rehabilitation of rheumatic diseases, posttraumatic conditions, and neurodegenerative diseases.

Key words: zeolite, balneoclimatology, antioxidant, antitoxic, immunomodulators