

## **IFMBE Proceedings**

Volume 77, 2020, Pages 749-753

4th International Conference on Nanotechnologies and Biomedical Engineering, ICNBME 2019; Chisinau; Moldova; 18 September 2019 through 21 September 2019; Code 232319

- Cojocaru, V.,
  - Galus, R.,
  - Fedorisin, T.
- 
- D. Ghitu Institute of the Electronic Engineering and Nanotechnologies, Academiei 3/3, Chisinau, Moldova
  - Technical University of Moldova, Chisinau, Moldova

**DOI:** 10.1007/978-3-030-31866-6\_133

## **Smart device for therapeutic hypothermia**

### **Abstract**

We describe the construction of a non-invasive hypothermic system for reducing brain temperature used in the treatment of stroke. The device is used by those who offer first medical aid. Its usage helps with the stabilization of the patient's state and stops any aggravations.