

Technical University of Moldova

MD.9.

Title	Device for mobilizing the cervical region
Authors	Dorogan Valerian, Vieru Tatiana, Secrieru Vitalie, Vieru Stanislav, Munteanu Eugen, Ciobanu Gheorghe, Groppa Stanialav, Duca Victoria, Danail Serghei, Pîrțac Ion.
Institution	Micro-Optoelectronics Laboratory / Technical University of Moldova National Scientific-Practical Center of Emergency Medicine
Patent no.	Industrial Models: Nr. 1611, from 2015.01.16; Nr. 1612, from 2015.01.16; Nr. 1614 from 2015.01.15. The device comprises a programmable electronic control unit based on a microcontroller with the possibility to store and set the operating parameters (angles of rotation, cycle time, number of cycles, number of procedures, etc.). The parameters displayed on the LCD can be selected with buttons. The start and end of the procedure is indicated by audio and visual signals. The mechanical part consists of a high precision stepper motor. The speed and rotation angle can be programmed. The mechanism ensures the turning-back axis, which is connected to the mobile platform. The procedure can be urgently stopped by patient or medical staff.
Description EN	Applications: Medicine, Kinetotherapy.

Class no.

4. Medicine - Health Care - Cosmetics

