

The invention relates to medical equipment and can be used in family medicine, pediatrics and neurology, namely to a digital device for determining neck stiffness, in order to diagnose meningeal symptoms, using it remotely by any person under the supervision of a doctor.

Summary of the invention consists in that the device (1) comprises a plate (2) of a length of 600...700 mm, a width of 450...500 mm and a thickness of 5...10 mm, and covered with a foamed polyurethane sponge. On one edge of the plate (2) is made a rectangular cutout of a length of 150...190 mm and a width of 150...170 mm, in which is placed a plate (3) containing a frame (5) of a length of 140...170 mm, a width of 140 mm...160 mm and a thickness of 20...30 mm, and covered with a foamed polyurethane sponge, at one end of which is placed a pressure sensor (6). In the middle of the frame (5) is placed a block of a length of 139...169 mm, a width of 80 mm and a thickness of 28 mm, in which is embedded in an electronic system (7). The opposite end of the frame (5) is made in the form of a handle (19) of a length of 138...168 mm and a width of 58 mm. Both plates (2 and 3) are connected with a loop (4). The electronic system (7) comprises a base plate, on which are placed a switch (8), including two positions for turning on/off the electrical circuit, a program reloading button (9), a digital screen (10), a WIFI ESP8266 module (11), a GSM SIM800L module, a Exynos processor, a power supply, a battery, a charging board, a memory card and a pressure sensor (6), and the information is transmitted using a Eko Software. The device (1) is made of methyl polymethacrylate or polyethylene.

Claims: 1

Fig.: 2

