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VIRTUAL-941

DEVELOPMENT OF REHABILITATION POTENTIAL AND RESTORATION OF MOTOR FUNCTION IN ISCHEMIC STROKE

Virtual E-Poster Viewing

STROKE

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Background and Aims: The using of special apps Re-stroke for mobile phones in the rehabilitation of ischemic stroke leads to high efficiency. The creation, improvement, and implementation of such special programs are highly valued in rehabilitation.

Methods: 160 patients participated in our examinations. A special reinstroke program was used in rehabilitation for 3 months.

Results: Patients were divided into main and additional groups. In the main group of 80 patients, the reinstroke program was used for rehabilitation. An additional group of 80 patients underwent traditional rehabilitation training. According to the Tinetti scale, in group 1 it was from 30.3 ± 2.9 to 34.3 ± 1.9 ($p < 0.05$), in group 2 it was from 30.8 ± 3.1 to 33.2 ± 2.3 (A change was noticed up to $p < 0.05$). According to the Ashworth scale, muscle tone decreased from 3.0 to 2.4 in group 1 ($p < 0.05$), and from 2.9 to 2.6 in group 2 ($p < 0.05$).

Conclusions: According to the Re-stroke program, the effectiveness of the Tinetti scale in the main group increased by 66.7%, and the Ashworth scale by 50%.