

APPROACH OF THE ALGY SYNDROME AT PERSONS AFTER SURGERY WITH INTERVERTEBRAL FUSION OF THE LUMBAR SPINE

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Actuality. On the world scale, spine disorders are on the rise and have a leading place in functional disabilities. In the Republic of Moldova the annual prevalence of back disorders is of 15-20%, usually characterized by physical disability caused by algic syndrome. Most people ignore the symptoms of pain, which leads to it becoming chronic and damage to important parts of the spine, and then the vertebral instability is installed. In cases of severe vertebral instability it is recommended to perform intervertebral fusion surgery. As a result, the symptoms improve, but they do not completely disappear and are often accompanied by major complications.

The purpose of the research is to detect the mechanism of algic syndrome and to present the importance of physiotherapy in the recovering of people after surgery with intervertebral fusion.

Research methods: visual analogue pain assessment (VAS) scale, Northwick Park questionnaire, Bournemouth questionnaire.

Findings and results. The statistical data presented are the results of the comparative analysis of the values recorded by clinical evaluation tests before and after the recovery treatment. As a result of the experiment, we can observe the role and importance of the physiotherapy by: decreasing the intensity of pain, fact reflected by the VAS scale, where the patients before the treatment showed moderate pain and after finishing a very light pain, the analysis of pain-related disability results highlighted the increased functional independence of the Northwick Park and Bournemouth questionnaires.

Conclusions and recommendations. To prevent the occurrence of complications, to maintain the results obtained and to increase the quality of life, it is not necessary for the persons after intervertebral fusion to be included in the physiotherapy recovery process. Its importance lies in

restoring lumbar segment functionality under the conditions of a muscular force, stability and movement controlled at this level by specific means of adaptive and individualized physiotherapy.

ASPECTS OF RECOVERY OF THE CHILD WITH AUTISM USING KINETIC MEANS ON LAND AND WATER

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Autism is a special world with special people who need to be discovered, understood and loved. Symptoms of autism vary in presentation and severity, children with autism often have intellectual disabilities, and some of them may have normal intelligence.

We have approached this topic because autism is one of the developmental disorders of the child and can only be recovered to a certain extent with the help of therapy. Diagnosis and kinetic intervention on land and in the water can help the child with autism to develop. To help parents improve children's social communication and abilities, a well-structured and dosed recovery program must be developed and implemented.