COMMODITY CHARACTERISTICS OF SPINE CORSETS
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Introduction: Backbone is a supporting base, which upholds the vertical position of body and provides ability to move. In addition, the spinal column is a repository for the spinal cord, which is responsible for the motor reflexes of the skeletal muscles and the autonomic reflexes regulating the functions of the internal organs. Any pathological disorders in the spine are instantly reflected on the whole body condition. It is necessary to use a spine corset in order to protect the backbone from heavy loads or hypothermia, to accelerate the rehabilitation process after injuries and surgeries, as well as during conservative treatment and for the various distortions correction.

Aim of the research: To analyze the commodity characteristics of spine corsets.

Materials and methods: Scientific publications, as well as systematic, logical and analytical methods.

Results and discussion: By the body location the spine corsets are divided into such types: breastbone-lumbar, sacro-lumbar and lumbar corsets. A breastbone-lumbar corset completely covers the lumbar and lower thoracic zone. It is used for the treatment of osteochondrosis, osteoporosis and osteochondropathy. A sacro-lumbar corset covers the lumbar zone and the entire sacrum. This corset is used to the treatment of intervertebral hernias, radiculitis, during the conservative therapy or after surgery. It also can be used for fixation and protection the backbone during the intense training or hard work. A lumbar corset covers the upper part of the sacrum, the lower part of the sternum and the lumbar. By the degree of rigidity the spine corsets divided into: a semi-rigid and a rigid corsets. A semi-rigid corset is designed to protect the spine during heavy physical work, during a long monotonous position, such driving a car or working with the computer. It provides partial unloading taking some pressure on itself. Moreover, this type of corset contains wool fibers, which determines a warming effect. A rigid corset has from 4 to 6 metal ribs, which completely limit movements and prevent displacement of the vertebras. It is used after surgery, fractures and for the deformity correction.

Conclusion: It is necessary to pay attention to such commodity aspects as: type of product, size, degree of rigidity, material of manufacture, simplicity and reliability in operation. Only semi-rigid corsets, which support the spine, warm and perform a preventive role, can be used independently. Rigid corsets are used for the purpose of correction and rehabilitation by the prescription of orthopedic doctor.

RESEARCH OF THE ASSORTMENT OF MEDICAL BEDS
FOR REHABILITATION OF PATIENTS
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Introduction. Special medical beds are very necessary for people who, due to illness, are limited in moving, after serious injuries or postoperative condition, and who also need special care. They differ from ordinary ones by the presence of numerous functions and features.

Aim. The aim of this work is to study the modern range of medical beds for the rehabilitation of patients.

Materials and methods. To study this topic were used informational materials based on a study of literary, Internet sources (official websites of manufacturers, catalogs) and own conclusions.