

Abstract

The theme of this work is physiotherapy in scoliosis depending on the exercises of „3D Spacecurl“ objectified by Tetrax device.

The basic knowledge of anatomy and kinesiology of axillary system is summarized in the theoretical part. Further there are provided basic information on the scoliosis issue, the theoretical basis of sensory-motor stimulation methodology and three-dimensional exercise on Spacecurl device. The last chapter is devoted to the principal of posturography faction focusing on the device Tetrax.

The practical part includes kinesiology analysis before and after exercise examination on the device Tetrax before and after exercise and description of the exercise unit Comparison of data and final results are discussed in the discussion of this work.