

People with the spinal column deformity are first time mentioned already in the times of ancient civilizations, about 3500 years' BC. Those people were mostly proscribed from the common society. Hippocrates was the first who described scoliosis as an illness.

The scoliosis is a pathological space curvature of the spine to right or left side in the frontal plane. It is very often accompanied with the rotation of vertebrae. Structural scoliosis is a fixed lateral (sideway) curve of the spine. It is conditioned by structural changes of the vertebrae body, its rotation and the vertebrae parts asymmetry. Nonstructural scoliosis hasn't got anatomical basis of its origin in the spine itself. The vertebrae aren't deformed. It's caused by underlying condition such as difference in leg length. Treatment of scoliosis is often provided by conservative methods such as body brace and rehabilitation. If there is a high progression of scoliosis curve - an operative treatment is indicated.

I've made a survey in the subject of "spinal braces and their use in scoliosis treatment." I've been visiting a working place where the spinal braces are made. They allowed me to communicate with patients. I've prepared a questionnaire which included seventeen questions. Thanks to it I've discovered that most of the respondents are women in the age from 12 to 15.

Big part of the questioned patients is ashamed to wear a brace in public. This negatively affects the use of the brace and also the progression of disease. Surprising was that 50 % of respondents doesn't wear the brace according to recommendations of doctor. Despite this as my survey shows - brace helped to 76% of respondents