

ORAL PRESENTATION

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SpineCor treatment – the Spanish experience. First results

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Purpose of the study

The purpose of this study was to evaluate the effectiveness of the Dynamic SpineCor brace as a new treatment for adolescent idiopathic scoliosis [1,2].

Materials and methods

117 scoliotic patients at our clinic accepted the SpineCor brace and 34 (30 females and 4 males) have already finished the treatment. Assessment of brace effectiveness included percentage of patients who have 5° or less curve progression and the percentage of patients who have 6° or more progression at skeletal maturity. We employed the SRS22 and CAVIDRA questionnaire for the evaluation of patients' quality of life while using the SpineCor System.

Results

Success of the treatment (stabilisation or correction) was achieved in 88.3% of patients and only 11.7% had a progression of their Cobb angle. Out of 34 patients, 18 (52.9%) had a correction and 12 (35.3%) had a stabilisation of their initial Cobb.

Conclusions

The SpineCor brace is an effective treatment for the adolescent idiopathic scoliosis. Even though until now we have a small number of patients treated, the results are extremely promising.

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