

Poster presentation

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The effect of physical therapy on computerized dynamic posturography of an adolescent with idiopathic scoliosis: a case study

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Objective

The aim of the study was to assess the effect of physical therapy on the balance of an adolescent with AIS.

Study design

This research utilized a case study design with $n = 1$. Balance was measured objectively using an Equitest system (Lake Erie Medical, Hinckley, OH, USA).

Results

Following physical therapy, the subject demonstrated improvement in hip abductor function and balance. The post-intervention results also showed improved use of the hip strategy of balance.

Conclusion

The results of this case study suggest that physical therapy may be effective in improving balance in adolescents with AIS.