

Poster presentation

## **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.