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**題目 (Title):**

一位患有後顱窩症候群之兒童的前庭復健：病例報告

Vestibular Rehabilitation for a Child With Posterior Fossa Syndrome: A Case Report.

**摘要中文翻譯****目的：**

此病例報告針對一位患有少年星狀細胞腦腫瘤全切除術後合併後顱窩症候群之四歲兒童，評估其於物理治療介入（包括前庭復健）前後之凝視穩定性、姿勢控制及平衡。

**重點摘要：**

此病例報告中的兒童在完成十周的介入後，由兒童平衡測試(Pediatric Balance Scale)及動態視覺敏銳度測試(Dynamic Visual Acuity test)顯示其平衡及凝視穩定性的進步。

**結論說明與臨床實務建議：**

此個案初步支持需要對診斷有後顱窩症候群之兒童進行前庭功能篩檢。介入的成功表示前庭復健運動可以調整使用於學齡前兒童，且此病例報告中具體的介入計畫可容易的在不同治療環境中被複製使用。

## **Original Abstract**

### **PURPOSE:**

This case report assesses gaze stability, postural control, and balance pre- and post-physical therapy intervention, including vestibular rehabilitation, in a 4-year-old child with posterior fossa syndrome following gross total resection of a juvenile astrocytoma brain tumor.

### **SUMMARY OF KEY POINTS:**

The child in this case study had improved balance and gaze stability, as determined by the Pediatric Balance Scale and the Dynamic Visual Acuity test upon completion of the 10-week intervention.

### **STATEMENT OF CONCLUSION AND RECOMMENDATIONS FOR CLINICAL PRACTICE:**

This case provides preliminary support of the need for vestibular screening in children with a diagnosis of posterior fossa syndrome. The success of the intervention suggests that vestibular rehabilitation exercises can be modified for use in preschool-aged children, and the specific intervention outlined in this case report can be easily replicated in a variety of treatment settings.

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