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題目 (Title):

使用布萊頓(Beighton)量表測量智能障礙兒童之關節過度鬆弛
(Measuring Joint Hypermobility Using the Beighton Scale in Children With Intellectual Disability)

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目的 (Purpose):

確定智能障礙青少年使用最低至最高提示策略的9點布萊頓(Beighton)關節過度鬆弛度分數(9-BHS)之可行性與信度。
(To determine the feasibility and reliability of using the 9-point Beighton Hypermobility Score (9-BHS) with youth with intellectual disabilities using a least to most prompting technique.)

方法 (Methods):

101位兒童、青少年(5-18歲)參與研究。25位參與者進行兩次相隔3至4週的個別評估。
(One hundred one youth (5-18 years old) enrolled in the study. Two separate evaluations, separated by 3 to 4 weeks, were performed on 25 participants.)

結果 (Results):

90位孩童同意進行測試，85位完成所有9-BHS的項目。分數並不因年齡和性別而有顯著的差異，但是患有唐氏症的參與者之分數顯著較高。重測分數顯示80%至

90%的一致性(n = 25)。9個項目的Cohen kappa值在中等(0.41-0.60)至極佳 (1.0)的範圍內，以及總得分的ICC值為0.88。

(Ninety assented to the test, and 85 performed all 9-BHS maneuvers. Scores were not significantly different for age and gender, but participants with Down syndrome had significantly higher scores. Test-retest scores showed 80% to 90% agreement (n = 25). Cohen kappa ranged from moderate (0.41-0.60) to perfect (1.0) for the 9 maneuvers, and an ICC of 0.88 was found for total scores.)

結論 (Conclusions):

結果顯示在智能障礙青少年使用9-BHS的方法是可行與具有信度的。

(The results demonstrate that the use of the 9-BHS in youth with intellectual disabilities in the manner described is feasible and reliable.)

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