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Alberta婴儿运动量表在正常婴儿中的信度研究 [点此下载全文](#)

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摘要:

目的: 了解Alberta婴儿运动量表(Alberta infant motor scale, AIMS)在中国北京城区正常足月婴儿中应用时的组间信度及组内信度。方法: 在中国北京城区居住的45名正常足月婴儿加入本研究, 平均月龄(6.89±2.97)个月(最小月龄4个月, 最大月龄12.5个月); 其中男婴26例, 女婴19例; 小于6个月龄的婴儿23例, 大于6个月龄的婴儿22例。3名评估者(评估者A、B、C)加入本研究。在组间信度的研究中, 评估者A应用AIMS对婴儿进行现场运动评估并摄像, 评估者B、C分别通过录像进行独立地AIMS评分, 通过三者对同一婴儿的AIMS评分计算组间信度。在距第一次评估至少1个月以上, 评估者B、C分别根据录像再次对每个婴儿进行AIMS评估, 通过同一评估者对同一婴儿两次评估的AIMS评分计算组内信度。通过计算组内相关系数(intraclass correlation coefficient, ICC)检测信度。结果: 在组间信度的研究中, 总体ICC=0.995, 小于6个月龄组ICC=0.903, 大于6个月龄组ICC=0.974; 在组内信度的研究中, 总体ICCs=0.997—0.999, 小于6个月龄组ICCs=0.892—0.972, 大于6个月龄组ICCs=0.987—0.998。结论: AIMS在评估中国北京城区正常足月婴儿运动发育水平时具有较高的信度。

关键词: [婴儿运动发育](#) [运动评估](#) [Alberta婴儿运动量表](#) [信度](#)

Reliability study of the Alberta infant motor scale in normal infants [Download Fulltext](#)

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Abstract:

Objective: To examine the interrater and intrarater reliability of the Alberta Infant Motor Scale (AIMS) when it was used in normal full-term infants in Beijing, China. Method: Forty-five normal full-term infants including 26 boys and 19 girls lived in Beijing, with the average age (6.89±2.97) months (from 4 to 12.5 months), were admitted to this investigation. Twenty-three infants were younger than 6 months and twenty-two infants were older than 6 months. Three evaluators (evaluator A, B, C) were admitted to this investigation. In the interrater reliability study, evaluator A administered the AIMS to the infants and videotaped their performance, then evaluators B, C scored the performance in the videos independently to examine the interrater reliability. After at least one month, evaluators B, C rescored the performance with the videos again to examine the intrarater reliability. Intraclass correlation coefficients (ICCs) were calculated to examine the reliability. Result: In the interrater reliability study, total ICC=0.995, <6 months group ICC=0.903, >6 months group ICC=0.974. In the intrarater reliability study, total IC Cs=0.997-0.999, <6 months group IC Cs=0.892-0.972, >6 months group IC Cs=0.987-0.998. Conclusion: The results suggested that when AIMS was used to evaluate the motor development of the normal full-term infants in Beijing, China, its reliability was high.

Keywords: [infant motor development](#) [motor assessment](#) [Alberta infant motor scale](#) [reliability](#)

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