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Elsevier Alberta Infant Motor Scale (AIMS)

Motor Assessment of the Developing Infant: Alberta Infant Motor Scale (AIMS)

2nd Edition

Authored by Martha Piper PT PhD and Johanna Darrah MSc PT

INTRODUCTION

This manual provides comprehensive guidance on the Motor Assessment of the Developing Infant, focusing specifically on the Alberta Infant Motor Scale (AIMS). The AIMS is a standardized measurement tool designed to assess the gross motor abilities of infants. This second edition incorporates updated theories, clinical examples, and scoring guidelines to enhance its utility for clinicians, researchers, and caregivers.

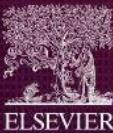
The content herein discusses the unique challenges associated with assessing infant motor skills and offers step-by-step instructions for effective application of the AIMS. It also reviews foundational theories of motor development and provides practical insights into interpreting assessment results.



Motor Assessment of the Developing Infant

Alberta Infant Motor Scale (AIMS)

2nd EDITION



Martha C. Piper | Johanna Darrah

ELSEVIER



Image: Cover of the "Motor Assessment of the Developing Infant: Alberta Infant Motor Scale (AIMS), 2nd Edition" manual, featuring the title, authors, and publisher logo (Elsevier).

THEORIES OF MOTOR DEVELOPMENT

This section presents the evolution of motor development theories, detailing the shift from the traditional neuromaturational theory to contemporary perspectives rooted in dynamic systems theory and motor control theories. Understanding these theoretical frameworks is crucial for a comprehensive interpretation of infant motor development and assessment.

MOTOR ASSESSMENT OF THE DEVELOPING INFANT

Assessing motor abilities in infants presents unique challenges compared to adult assessments. This chapter discusses these specific challenges and highlights the important psychometric properties that should be considered when selecting an infant assessment tool. It emphasizes the need for reliable and valid measures to accurately evaluate infant motor skills.

ALBERTA INFANT MOTOR SCALE (AIMS) OVERVIEW

The Alberta Infant Motor Scale (AIMS) is a widely recognized and trusted tool for assessing gross motor abilities in infants. This manual provides comprehensive coverage of how to effectively use the AIMS, including detailed descriptions and visual aids for 58 gross motor skills. The scale's strong psychometric properties and ease of administration have contributed to its global acceptance among clinicians and researchers.

Key Features of AIMS:

- Standardized measurement scale for infant gross motor abilities.
- Includes line drawings and photographs illustrating 58 gross motor skills.
- Utilizes a percentile graph to plot infant scores and estimate percentile ranking.
- Known for its ease of assessment and robust psychometric properties.

ADMINISTRATION GUIDELINES

This section provides step-by-step instructions for administering the Alberta Infant Motor Scale. Adhering to these guidelines ensures consistent and accurate assessment results.

Scoring Section:

The scoring section includes detailed examples of common scoring errors to help assessors avoid inaccuracies. Additionally, specific scoring hints are provided for items that have historically been identified as problematic during therapist training sessions, ensuring greater precision in evaluation.

CLINICAL APPLICATIONS OF THE ALBERTA INFANT MOTOR SCALE

This chapter explores various clinical uses of the AIMS through brief case studies and examples, demonstrating its application in diverse scenarios. It also provides guidance on situations where the AIMS may not be the most appropriate assessment measure, ensuring judicious use of the tool.

NORM-REFERENCING OF THE ALBERTA INFANT MOTOR SCALE

This section reflects the most current normative data and validity research pertaining to the AIMS. It includes discussions on the instability of infant motor scores over time in typically developing infants when assessed using

the AIMS, providing a nuanced understanding of score interpretation.

ADDITIONAL RESOURCES

Scoresheets:

Five copies of the AIMS scoresheet are included with the print edition of this manual to facilitate immediate application of the assessment.

Enhanced eBook Version:

An enhanced eBook version is included with the print purchase. This digital resource provides an electronic view of the scoresheet for convenient reference and allows access to all text, figures, and references from the book across various devices.

PRODUCT SPECIFICATIONS

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