A Systems Approach to the Development of Feeding Skills and Feeding Disorders

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Overview of Typical Development and Implications for Feeding

The Infant (Example: Dependent Spoon Feeding)

Abstract

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This poster presents a comprehensive systems approach to the understanding of feeding development in children with and without disabilities, providing information useful for the decision-making process leading to best practice intervention.

The comprehensive perspective is described as a series of vertical developmental sequences in which oral and fine motor skills are interwoven horizontally with corresponding gross motor, visual, cognitive, communicative, social, and emotional levels, with

This perspective thus includes consideration of the feeding relationships between children/caregivers, and the infant/family professional's role as facilitator of these

Tables with video captures of case study examples illustrate assessment procedures and demonstrations of intervention strategies

Overview of Typical Development and Implications for Feeding

Examples of Atypical Development and Implications for Feeding

Overview of Typical Development and Implications for Feeding

Overview of Typical Development and Implications for Feeding The Toddler (Example: Finger Feeding) evelopmental Domains General Characteristics

Overview of Typical Development and Implications for Feeding The Walker (Example: Utensil Use)

Refuses assistance when trying new utensils, wants to "do it myself"



Research Study

from videotaped case studies, comparing comprehensive developmental behaviors during self-feeding of a typical child and children with special needs. These data would be used to identify needs and plan appropriate intervention for nts and toddlers with feeding disorder Method: A typical infant was videotaped during self recting a typical maint was vincotaped during sen-feeding tasks at monthly intervals from the age of 8 months to 2 years. Observations of gross motor, fine motor, oral-motor, and social behaviors were documented. These behaviors were compared to corresponding behaviors in older children with disabilities during feeding evaluations to collect information concerning family concerns (functional problems, desired goals), observation of feeding (positioning, reflexes, respiration, tactile

sensitivity, oral hygiene, nutrition, oral-motor components, developmental behaviors, independent behaviors), and recommendations for intervention.

Results: The data collected revealed that task analysis of both typical and atypical feeding behaviors, using developmental and functional frames of reference, can be instrumental in problem-solving and planning treatment for instance in the protection with good in each Results were compiled in charts entitled Overview of Typical Development and Implications for Feeding, and Examples of Atypical Development and Implications for Feeding).

Examples of Atypical Development and Implications for Feeding The Older Child at the Newborn Stage



Examples of Atypical Development and Implications for Feeding The Older Child at the Infant Stage





Videotaped Research Study Purpose: The purpose of this study was to collect data