

Discriminant Validity of the Environment, Attitudes, Temperament, Sensory (EATS) Feeding Assessment

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Disclosure: Co-founders of CarsoneKIDS. Inc. and co-creators of the EATS Feeding Assessment

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Background

Description

• G*Power = 66 subjects • MANOVA

- Sensory Systems (Gadhvi et al., 2023)
- Sensory Processing- Seeking vs. Avoiding (STAR Institute, 2023; St John et al., 2023) Sensory-Based Feeding Difficulties (Children's National, 2023; Reinoso et al., 2018; Smith, 2016)

System	Seeking	Avoiding
Visual		
Gustatory		
Olfactory		
Vestibular		
Proprioceptive		
Tactile		
Oral		

• Discriminant validity comparing the EATS Feeding Assessment scores

• Surveyed caregivers of children aged 24 months to 10 years 11

"Do EATS Feeding assessment scores significantly differ between children with and without feeding difficulties?"

· Convenience sampling with online flyers on social media and physical flyers in

pediatric clinics was utilized to recruit caregivers who met inclusion criteria.

of children with and without feeding difficulties

months to complete online version of the EATS

Environment section excluded due to qualitative nature

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Background Continued

· Non-standardized assessment tools used and interventions

Overview and Learning Objectives

Overview

 Background Description

Learning Objectives

Case Study Scoring Practice

Results

- Tools for motor, swallow, and diet (Rabaey et al., 2023)
 Self-created assessments (Rabeay et al., 2023)
- Inconsistent Interventions (Estrem et al., 2021; Klein et al., 2023)
- · Environment, Attitudes, Temperament, and Sensory (EATS) Feeding Assessment Created to evaluate pediatric sensory-based feeding difficulties (Carsone & Smith, 2023)

 Participants will describe pediatric sensory-based feeding by summarizing the auditory, visual, gustatory, olfactory, vestibular, proprioceptive, tactile, and oral components of sensory-based feeding difficulties in 1-2 sentences.

Participants will differentiate between seeking and avoiding sensory-based feeding difficulties, providing 1-2 examples of each.

Participants will value the psychosocial impact of sensory-based feeding difficulties.
 Participants will evaluate scores of children with and without feeding difficulties by utilizing the research results to correctly label 3 case examples.

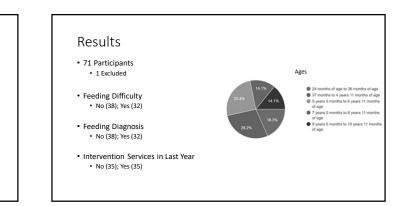
- Sensory-based feeding impacted by:
 Environment (Kim et al., 2021)

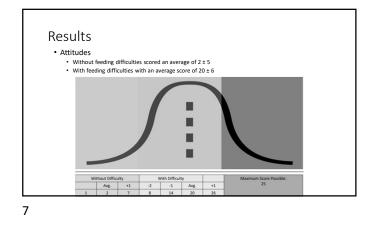
 - Attitudes of the Caregiver (Berge et al., 2017; Cunliffe et al., 2022)
 Temperament of the Child (Kuschner et al., 2015)
 Sensory Processing of the Child (Blanche & Gunter, 2020)

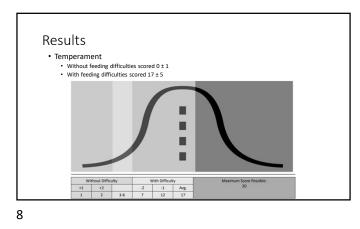
· Discriminant validity findings discussed and explained with case study examples at the end

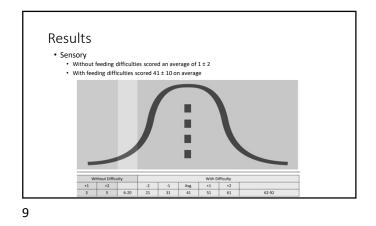
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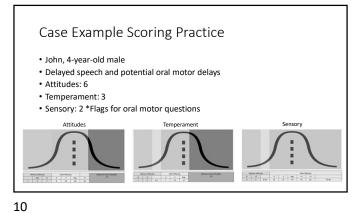
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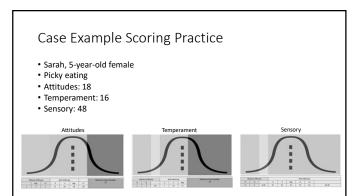


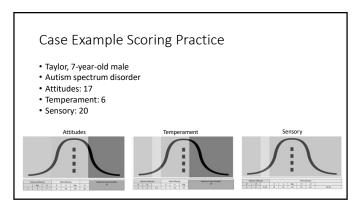














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