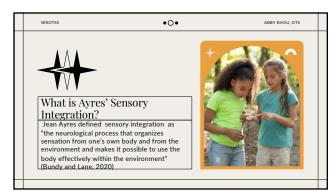


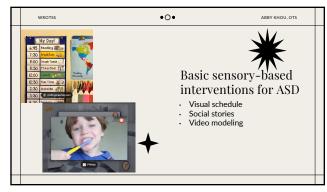


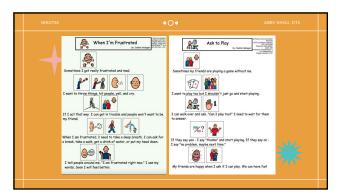
WROTSS How Sensory Processing Deficits Affect Play How Sensory processing involves "heightened, diminished or fluctuating responses isolation" froblems in sensory processing involves "heightened, diminished or fluctuating responses isolation" a Tactile defensiveness: Restricts early stages of play which include a lot of tactile exploration a factile defensiveness: Affects play with toys that emit sounds (such as cause and exploration fravitational insecurity: Restricts play that involves moving and using the body to explore Vestibular-bilateral and sequencing disorders: children seek activity with more intense movement; in school age years may have difficulty in occupations such as bike riding, skateboarding, ball play Dyspraxia: Difficulties in ideation, planning and execution of actions (motor planning) affecting many aspects of play (Partham & Eazio, 2008).



| - | | _ |
|---|--|---|
| | WROTSS • O • ABBY KHOU, OTS | |
| | Sensory Integration and the Adaptive Response | |
| | Focus on Tactile, Vestibular and Proprioceptive Sensory Systems | |
| | Sensory Input (Just-Right-Challenge) $\leftarrow \rightarrow$ Sensory Integration (Registration, Modulation, Discrimination) $\leftarrow \rightarrow$ CNS $\leftarrow \rightarrow$ Behavioral Organization $\leftarrow \rightarrow$ ADAPTIVE RESPONSE | |
| | Bundy and Lane, 2020 | |
| | Bundy and Lane, 2020 | |



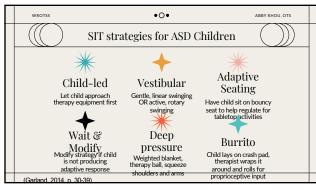












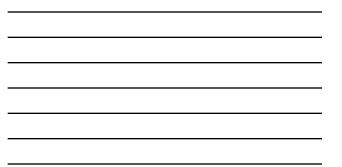


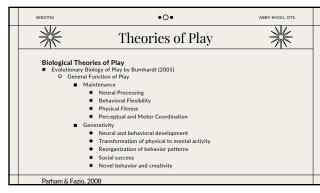




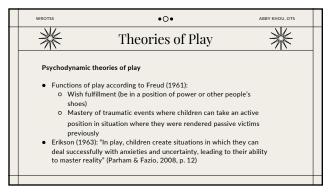


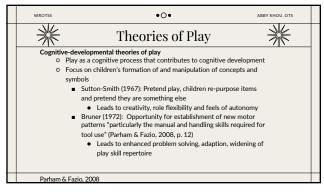


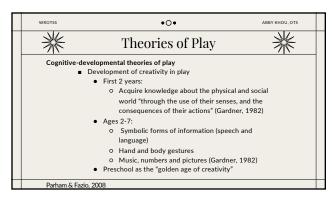




| | WROTSS | • • • | ABBY KHOU, OTS | | |
|---|--|---|----------------|--|--|
| | * | Theories of Play | 業 | | |
| | Arousal modulation theories of play | | | | |
| | "Play and exploration were seen as secondary to behaviors that serve to reduce basic drives, such as those aimed at reducing hunger, cold or thirst" (Parham & Fazio, 2008, p. 10) | | | | |
| | with explora | tivation theory of play according to Berlyne (1969): "Play wa ation and explained in terms of its role in the modulation of a ganization" (Parham & Fazio, 2008, p. 10) | | | |
| | | xploration as essence of play by Ellis (1973): "Behavior is mot vate the level of arousal towards the optimal" (Parham & Fazi | | | |
| | | olay influences interaction of organism with environment by the child asks, "what can I do with this object?" (Parham & Fa | | | |
| + | | | | | |







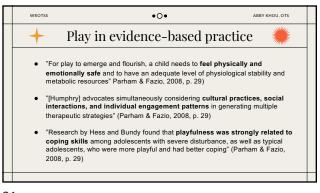


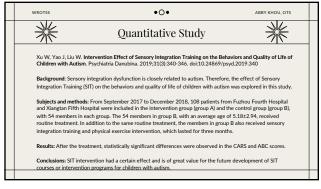


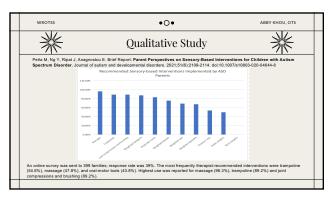


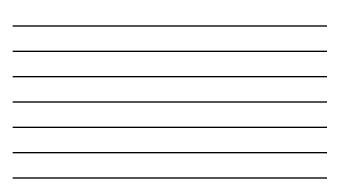


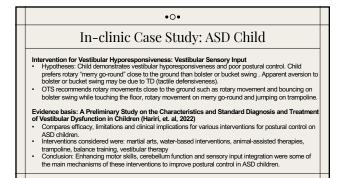
















•0• Interactive Activity: Case Study

Max is a 2-year-old child who attends his school district's early intervention program. He has been referred to occupational therapy primarily because of parent-reported gross motor skill deficits, refusal to drink out of cups without lids and difficulty with dressing. The occupational therapist has observed unsteady ambulation. The OT also observed that Max tends to become dynegulated when transitioning from a preferred activity to a different activity in-clinic. Max demonstrates other rigid, stereotypical ASD behaviors such as tending to focus on objects rather than peers and repeatedly turning wheels on car toys. He also disfikes diaper changes and being touched by people he is not familiar with. He is able to tolerate large amounts of swinging in the clinic but is only able to sit up on a swing with moderate assistance. Hypotherees: **Tactile defensivenes, hyporesponsiveness to vestibular sensory input and poor postural control.** These sensory processing and modulation problems are interfering with his play occupations in-clinic, at school as well as at home.

participation?
What types of sensory-processing strategies would you recommend to parents?

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