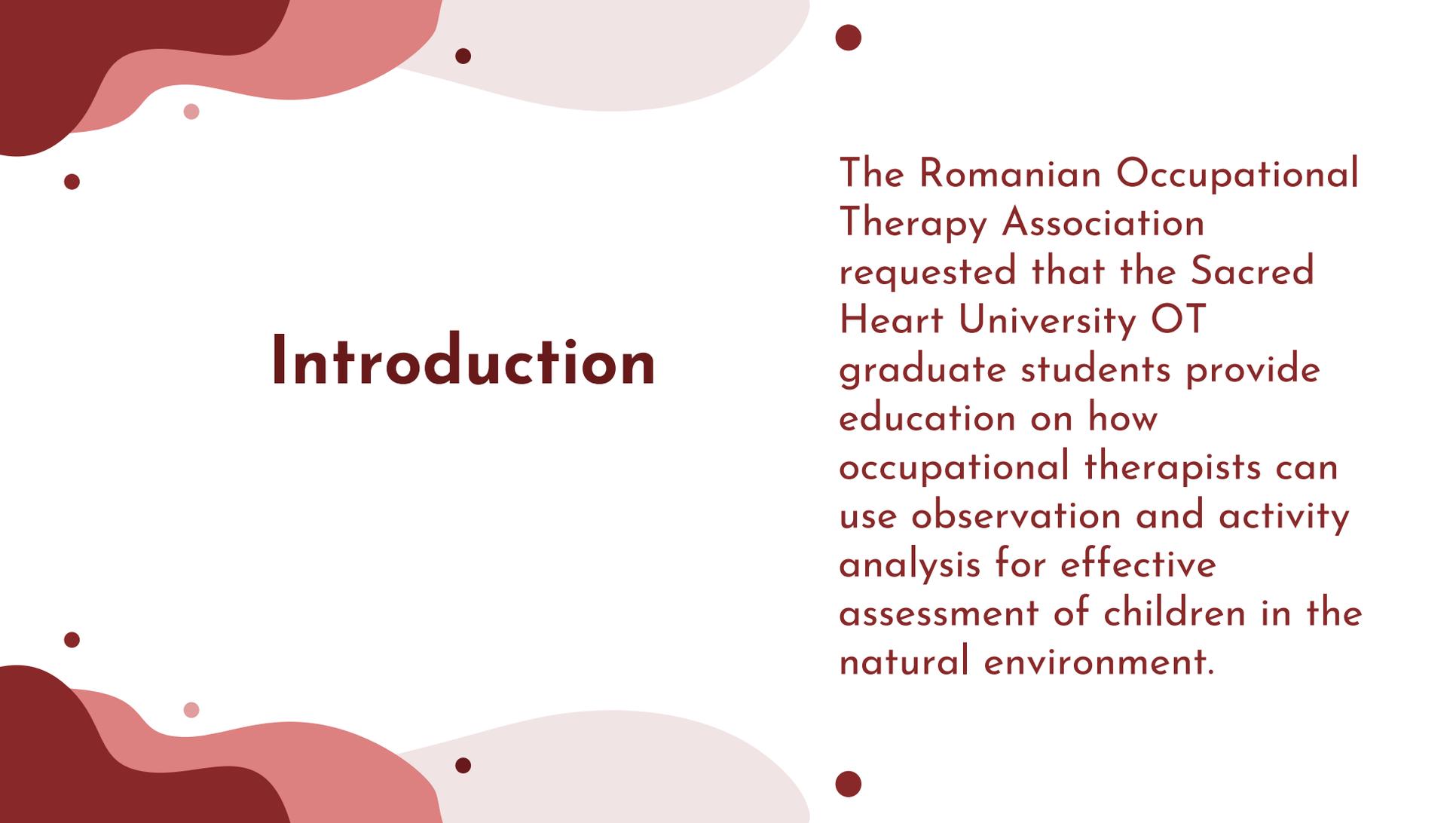


International Webinar

Sacred Heart University Occupational Therapy Program
Presented by Hannah Tadic



Introduction

The Romanian Occupational Therapy Association requested that the Sacred Heart University OT graduate students provide education on how occupational therapists can use observation and activity analysis for effective assessment of children in the natural environment.



01

Parent Interview



Family-Centered Care

The family works together with the health providers to make informed decisions about the services and supports the child and family receive (King et al., 2004)



Occupational Profile

Summary of a client's occupational history, experiences, patterns of daily living, interests, values, needs, and relevant contexts (AOTA, 2020, p. 21).

Importance of Parent Interviews

- - Supports client and family centered practice
 - Development of an occupational profile
 - Understanding of family values and priorities
 - Guides assessment and intervention to improve health outcomes and service delivery

Parent Interview Example



Activity Analysis

What is it?

A process that assesses the elements of an activity to identify its fundamental requirements and opportunities for therapeutic use.

(Kuhaneck et al., 2010)

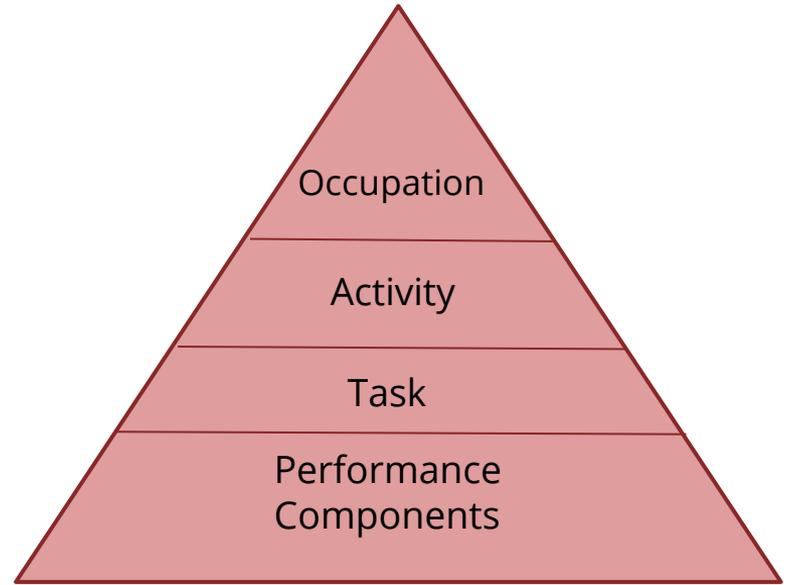
Why is it important?

Observing the child's performance skills will allow the therapist to modify the activity that will increase the child's participation and motivation.

(Kuhaneck et al., 2010)

Activity Analysis

Top-Down Approach: Look at the whole occupation or activity to see if the child is having difficulty. The OT will then address individual skills to support occupational performance.



Activity Analysis

What to look at:

- Materials
- Environment
- Performance skills
- Body functions
- Body structures
- Client factors
- Context
- Relevance to child/family





Video Models

Utilizing Observation

5 Month Old

● Activity Analysis

- Grasping feet with hands
- Palmar grasp
- Bilateral coordination
- Oral exploration
- Rolls supine to prone
- Prone prop (forearms)
- Visual tracking



Education: Coloring

● Activity Analysis

- Stabilizes with one hand
- Combination of fist grip and use of thumb and fingers- typical for 3 year olds
- In-hand manipulation of pencil
- Transfers pencil from hand to hand





The Occupation of Play

Why is Play Important?

Play is a foundation for a variety of skills and it is a primary occupation for children.

The Occupation of Play

What are OTs looking at when observing Play?

Gross and fine motor skills, executive function/cognition, sensory processing, movement, attention, social interaction and communication skills.

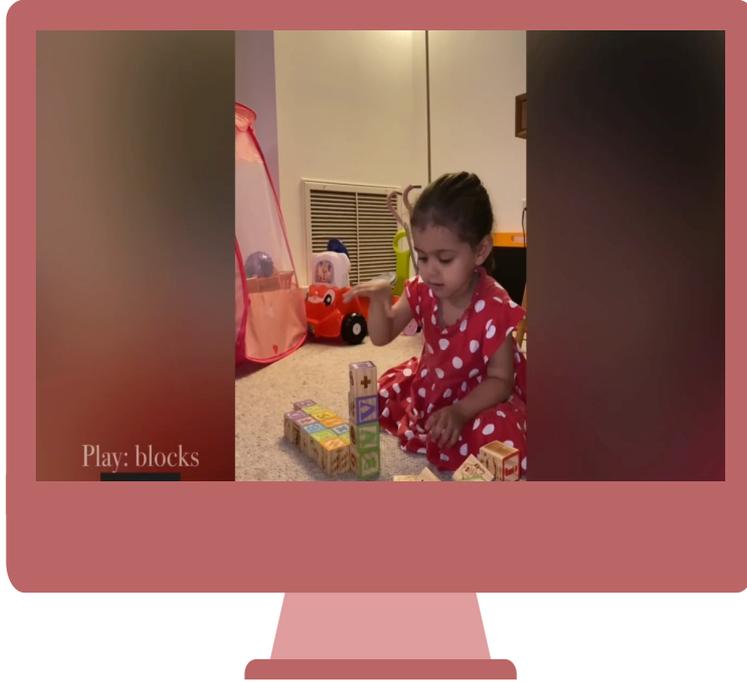
Why is Activity Analysis Valuable?

AA is an informal way for OTs to observe a child in the natural environment to gain insight into their body functions and performance skills while engaging in play.

Play: Blocks

Activity Analysis

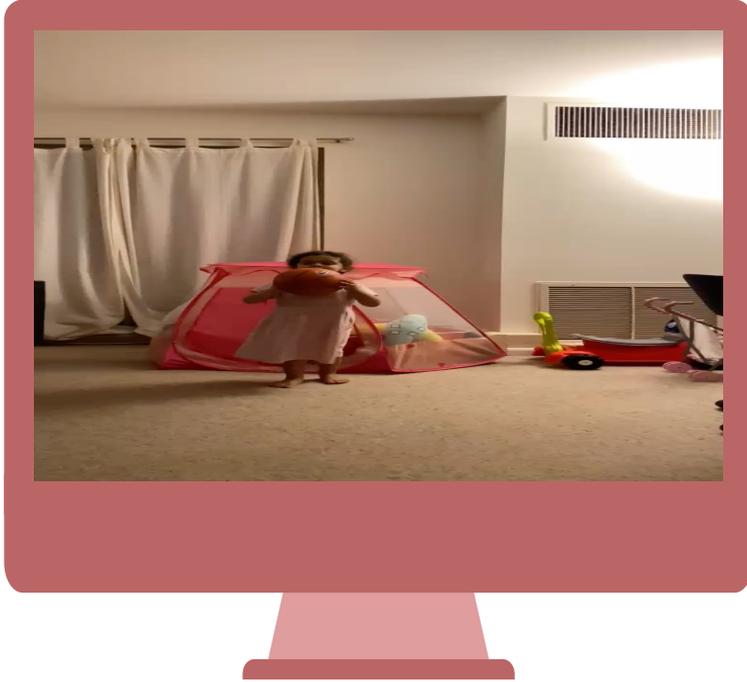
- Bilateral coordination
- Radial digital grasp
- Controlled release
- In hand manipulation
- Eye contact
- Isolation of index finger
- Weight shifting
- Crossing midline



Play: Ball

Activity Analysis

- Bilateral upper extremity coordination - catching and throwing the ball
- Muscle strength
- Listens
- Visually tracks



ADL: Feeding

- Sits in highchair with feet unsupported
- Uses both hands to grip cup
- Uses right hand, pincer grasp to pick up food and bring to mouth



Developmental Milestones & Frames of Reference Resources



English
Version



Romanian
Version



Questions?

References

American Occupational Therapy Association. (2014). Occupational therapy practice framework: Domain and process (3rd ed.).

American Journal of Occupational Therapy, 68(Suppl. 1), S1–S48. <https://doi.org/10.5014/ajot.2014.682006>

American Occupational Therapy Association. (2020). Occupational therapy practice framework: Domain and process

(4th ed.). *American Journal of Occupational Therapy*, 74(Suppl. 2), 7412410010. <https://doi.org/10.5014/ajot.2020.74S2001>

King, S., Teplicky, R., King, G., & Rosenbaum, P. (2004). Family-Centered Service for Children With Cerebral Palsy and Their

Families: A Review of the Literature. *Seminars in Pediatric Neurology*, 11(1), 78–86. <https://doi.org/10.1016/j.spn.2004.01.009>

Kuhaneck, H. M., Spitzer, S. L., Miller, E. (2010). Activity analysis, creativity, and playfulness in pediatric occupational therapy: Making

play just right. *Jones & Bartlett Learning*.

Vores, J., & Pearson, N. (2006). Early childhood development Chart. Austin, TX; Early Childhood Direction Center A Program of Westchester Institute

for Human Development

Developmental Milestones & Frames of Reference Resources



English
Version



Romanian
Version