

Katz School of Science and Health

ABSTRACT

The "Promoting Health Through Play Opportunities Program" (PHTPO) aimed to enhance development of children from underserved communities through playful interactions with parents. Fidelity, a key aspect of ensuring programs are implemented as intended, should be monitored using standardized methods, to produce evidence-based interventions. Training standardization ensures researchers execute all aspects of a program in the same manner, promoting methodological integrity. After extensive instruction, capstone students created standardized educational modules for trainees, covering procedural elements, PHTPO program delivery, scoring, and post-program interview. Trainees' competency levels were assessed using quantitative and qualitative tools. Trainees passed all content quizzes and competency checklists. Semi-structured interviews revealed that trainees found modules highly organized, helpful, and felt competent in administering the PHTPO program. OT researchers should incorporate standardization of training to promote competency delivering intervention protocols, ensuring fidelity to produce evidence-based practice.

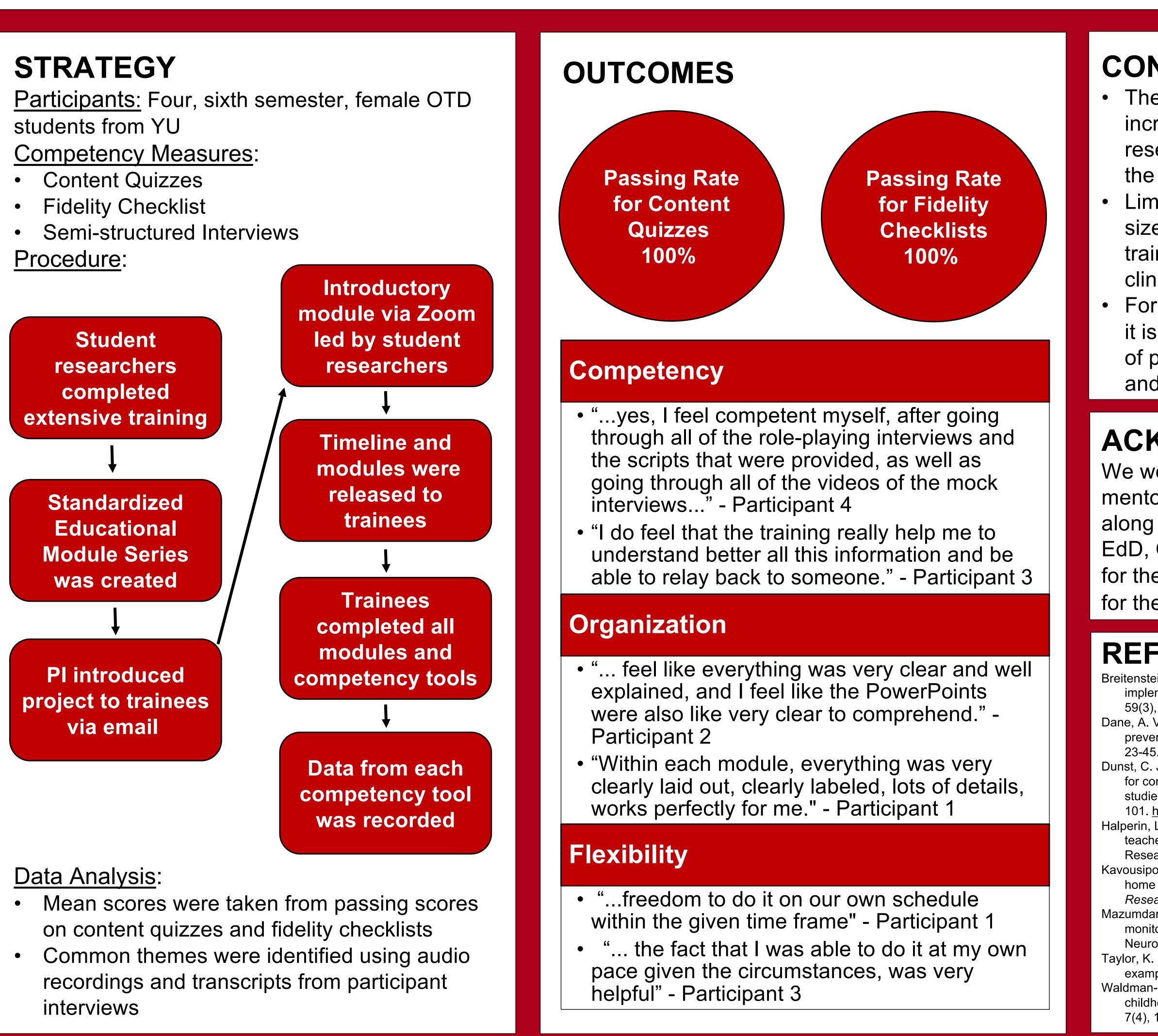
INTRODUCTION

- Joint play between parent/caregiver and child is crucial for both the child's overall development (Waldman-Levi et al., 2019).
- Socioeconomic status, a parent's education level, socio-cultural context, and the existence of siblings can be limiting factors in a family's support of play opportunities (Kavousipor et al., 2019).
- The PHTPO aimed to increase the ability for parents/caregivers, from underserved communities, to provide their children with appropriate play opportunities through an online group training program (Halperin et al., 2022).
- Producing evidence-based interventions requires implementation of methods that monitor fidelity, such as standardization of training which creates high levels of methodological integrity (Breitenstein et al., 2021; Mazumdar & Donovan, 2020).
- Measuring fidelity in research pertaining to early childhood development has been highlighted by many early childhood experts (Dunst et al. 2013).
- Studies that did not clearly measure fidelity faced problems including drawing incorrect conclusions and producing questionable outcomes (Taylor et al., 2015).

Project Aims

- To create a standardized educational module series to ensure PHTPO fidelity
- To promote facilitator competency and to create and implement competency tools (content quizzes, fidelity checklist, and semi-structured interviews)

Ensuring Research Integrity Through Standardized Educational Modules for Researchers Deena Motechin, OTDS & Avani Patel, OTDS Faculty Mentor: Amiya Waldman-Levi, PhD, OTR/L Collaborators: Lola Halperin, EdD, OTR/L & Mindy Garfinkel, OTD, OTR/L, ATP Occupational Therapy Doctorate Program



CONCLUSION

• The standardized training module series increased competency of

research trainees in the implementation of the PHTPO program.

Limitations to this study include a small sample size and limited participants availability for training due to continued outside obligation and clinical training.

• For future OT intervention studies,

it is recommended to incorporate standardization of personnel training, to promote research fidelity and personnel skills mastery.

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