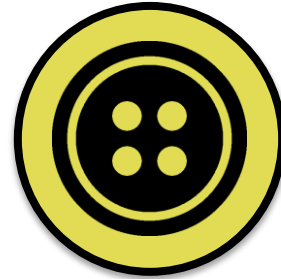


A RCT focusing on the impact of a PICIHBI on outcomes for HIV+ children on ART and their caregivers



Anandé Ferreira (Uys)

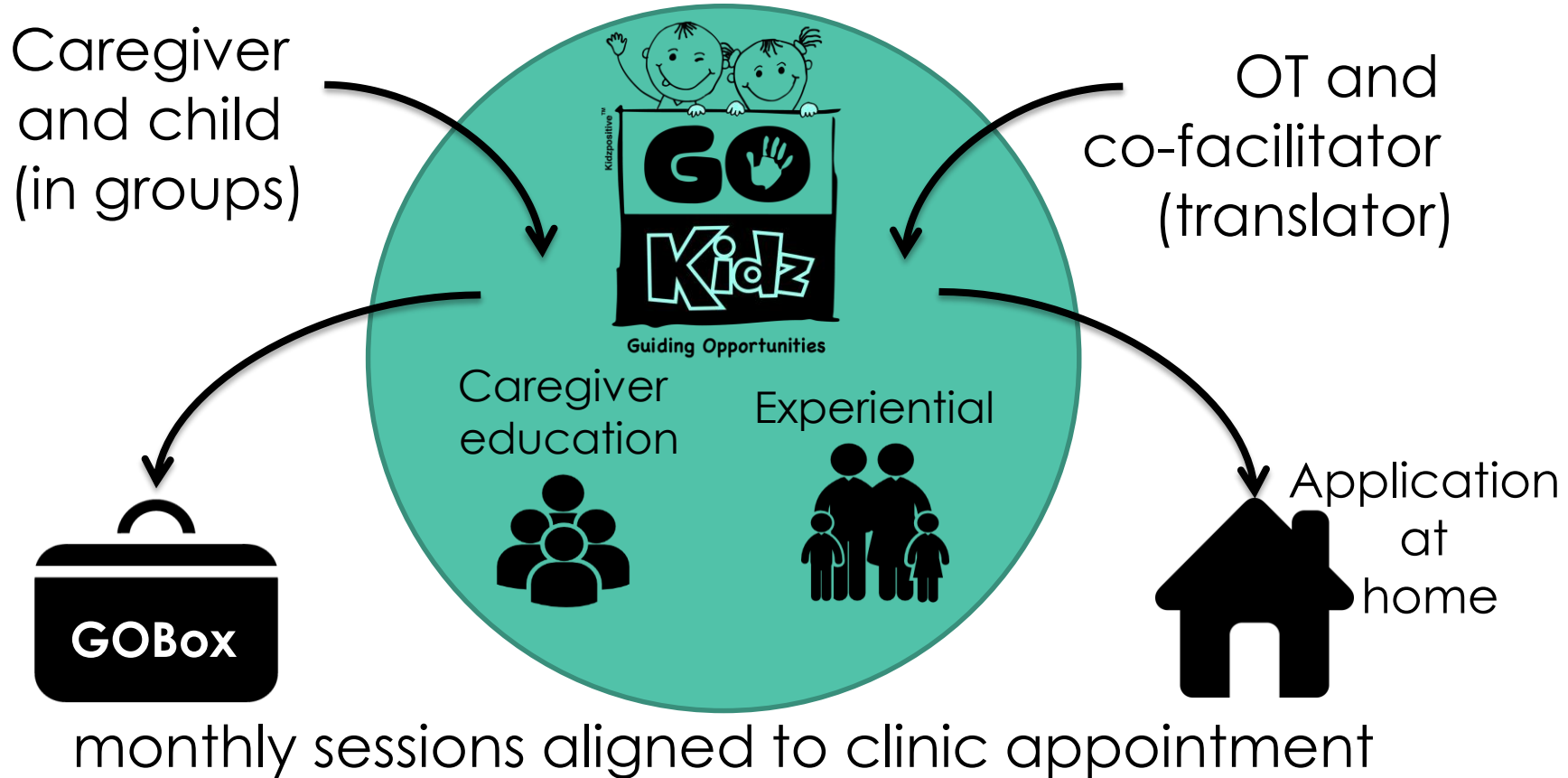
Caraleigh Otto

Robyn Meissner

Rationale



Play-informed caregiver-implemented home-based intervention (PICIHBI)





Extent of developmental delay



Extent and nature of academic learning difficulties



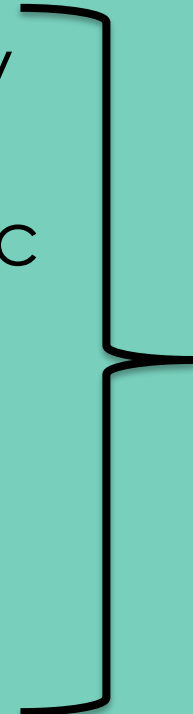
Levels of playfulness



Self-care and independence



Caregivers self-efficacy to fulfill their parenting role



On children established on ART

Method

Experimental

- PICIHBI
- Group based
- Caregiver and child dyads
- Home application with resources



10 sessions

Control

Conventional OT
Individual child and OT
Child-focused

Pragmatic, single-blinded RCT with pre-, mid- and post-test

RCT Timeline



Ethical clearance

Interrater reliability

Recruitment
April-June 2014

Baseline (Pre-test)

Randomisation

1st intervention period
July – November 2014 (5 sessions)

Mid-test

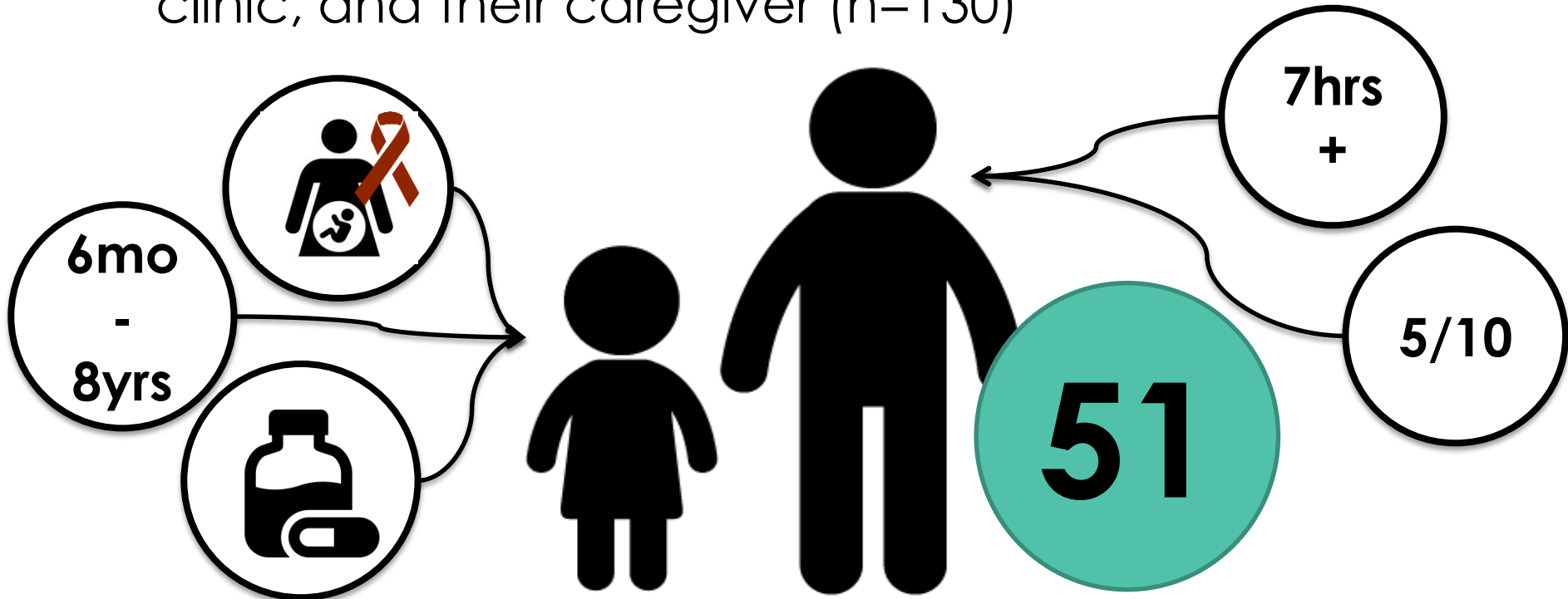
2nd intervention period
March – July 2015 (5 sessions)

Post-test

Analysis

Population

- children receiving care at the GSH paediatric HIV clinic, and their caregiver (n=130)



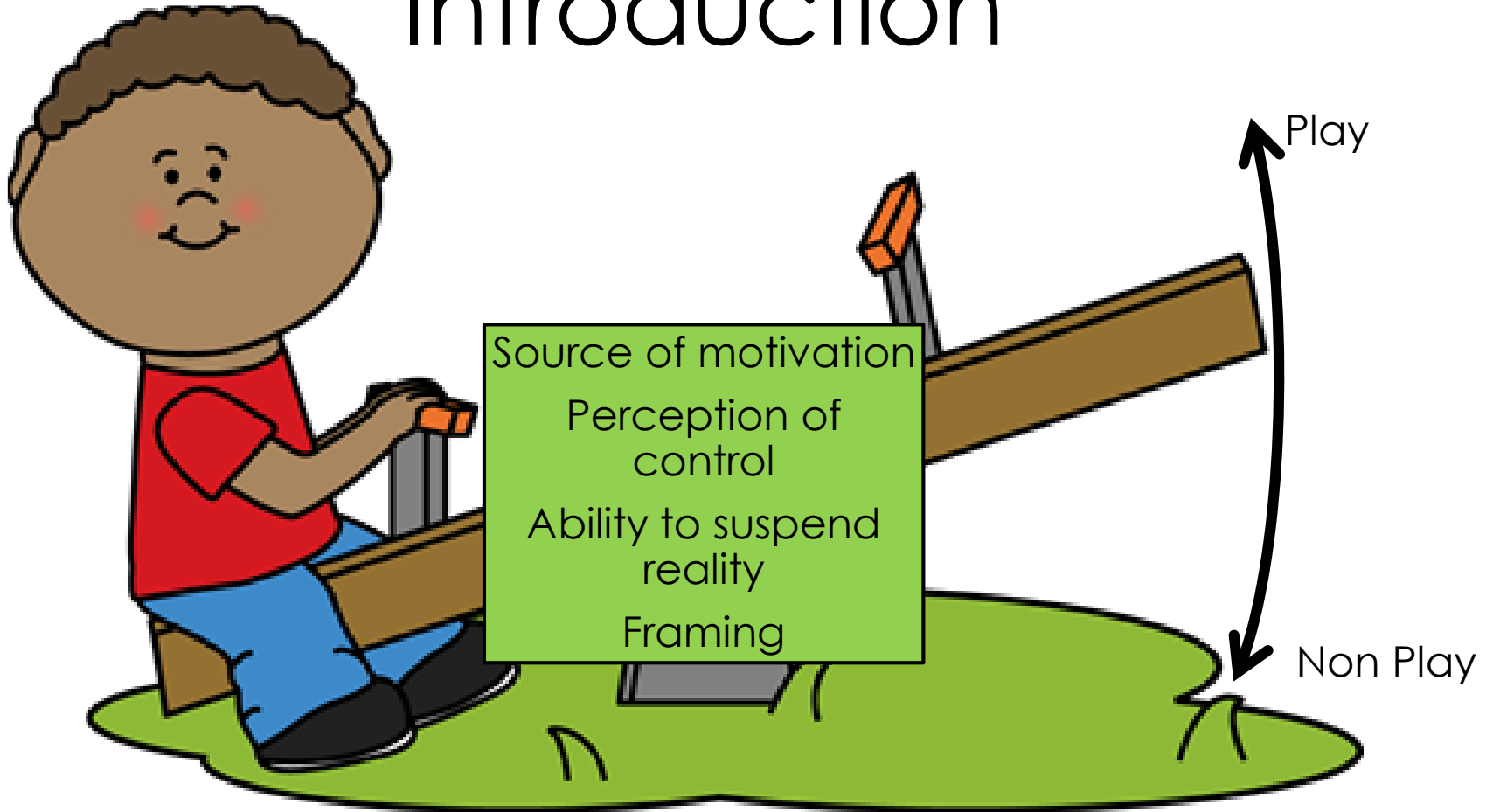
A RCT investigating the effect of a play-informed caregiver-implemented home-based intervention on playfulness for HIV positive children aged 10 months to 8 years on HAART from a low socio-economic status.



Authors: Anandé Ferreira (Uys)¹, A/Prof Elelwani Ramugondo¹ and A/Prof Reinie Cordier²

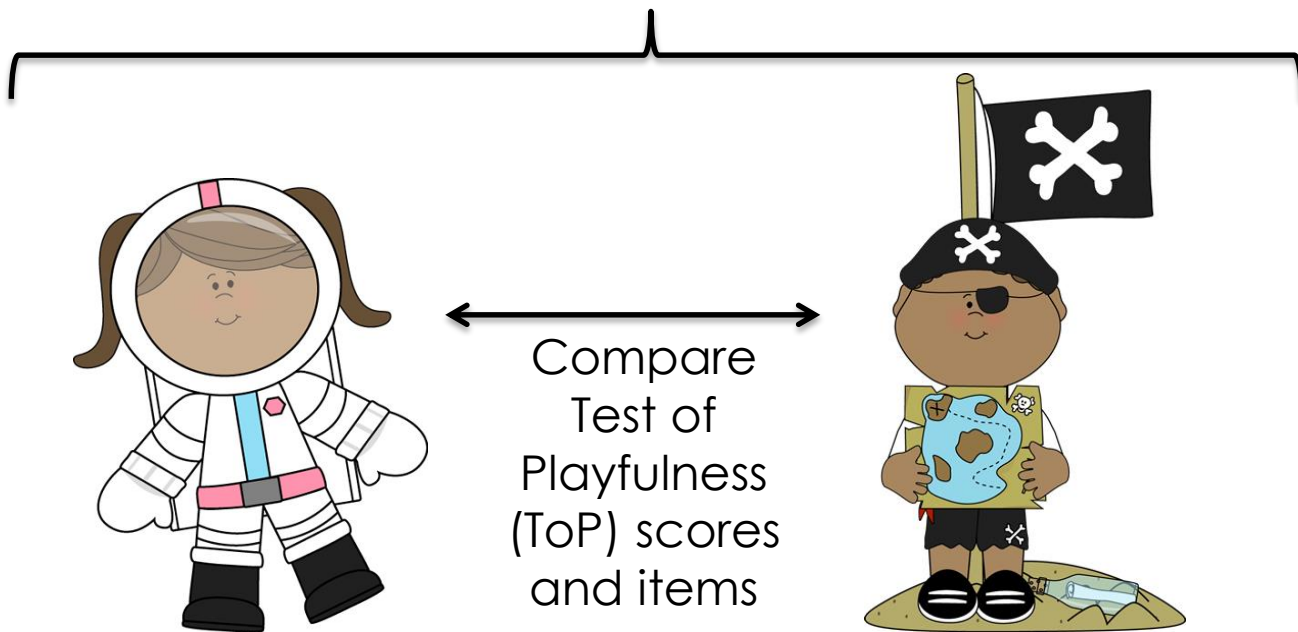
¹University of Cape Town, Cape Town, South Africa; ²Curtin University, Perth, Australia

Introduction

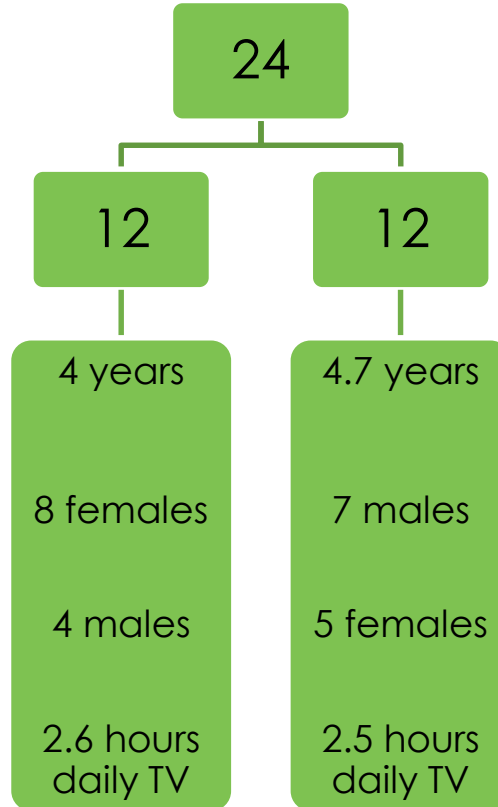


Rationale & Research Objectives

Establish Playfulness Profile of children with HIV



Sample



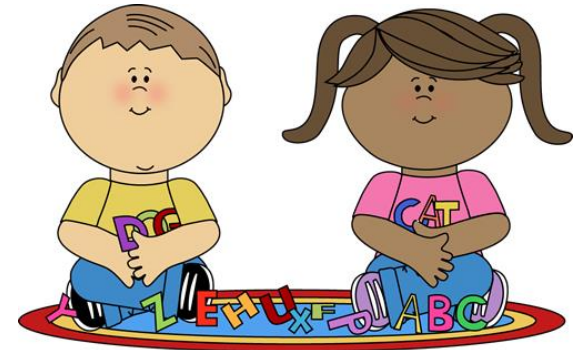
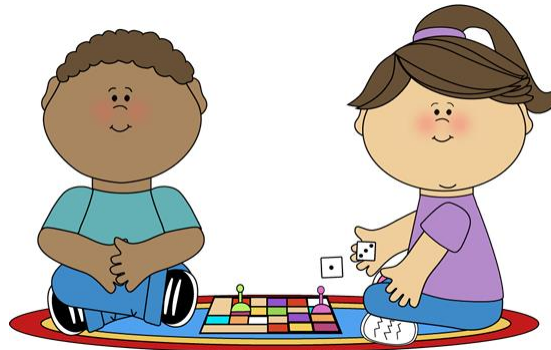
Research Assessment Tool

Test of Playfulness

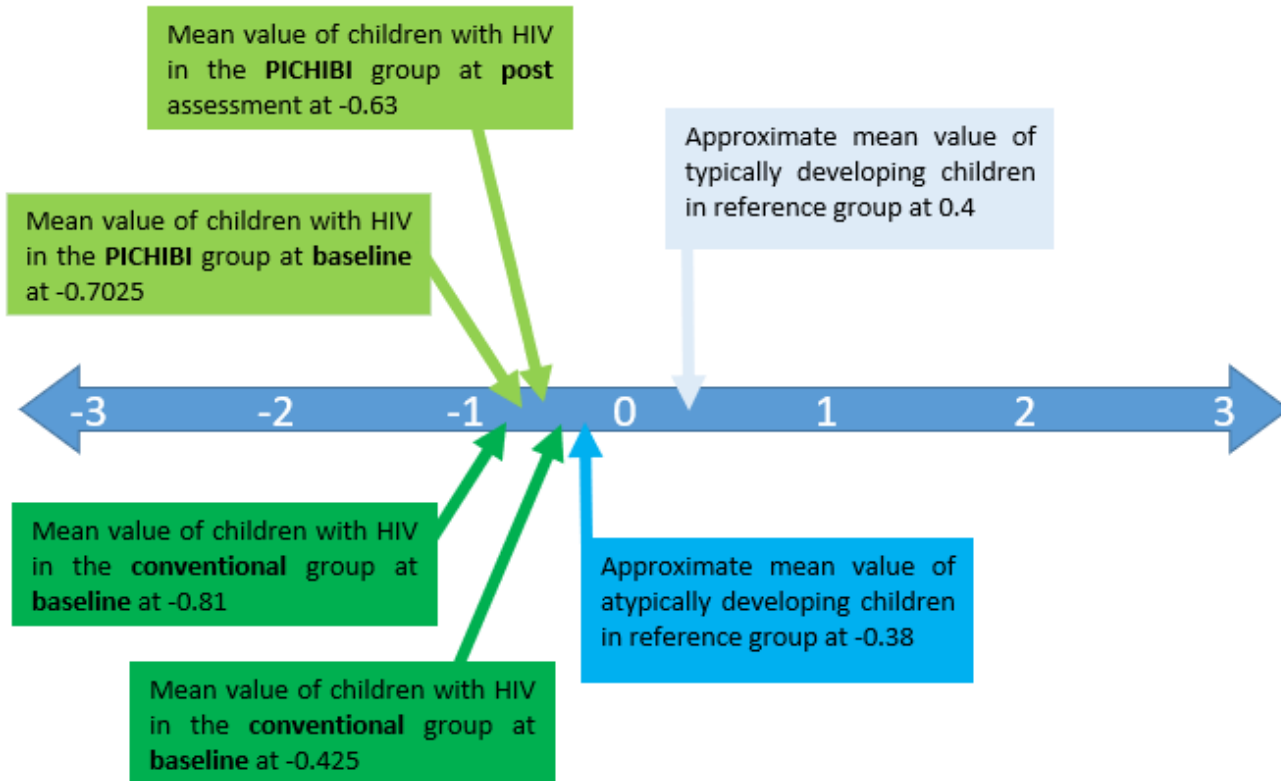
Baseline

Mid

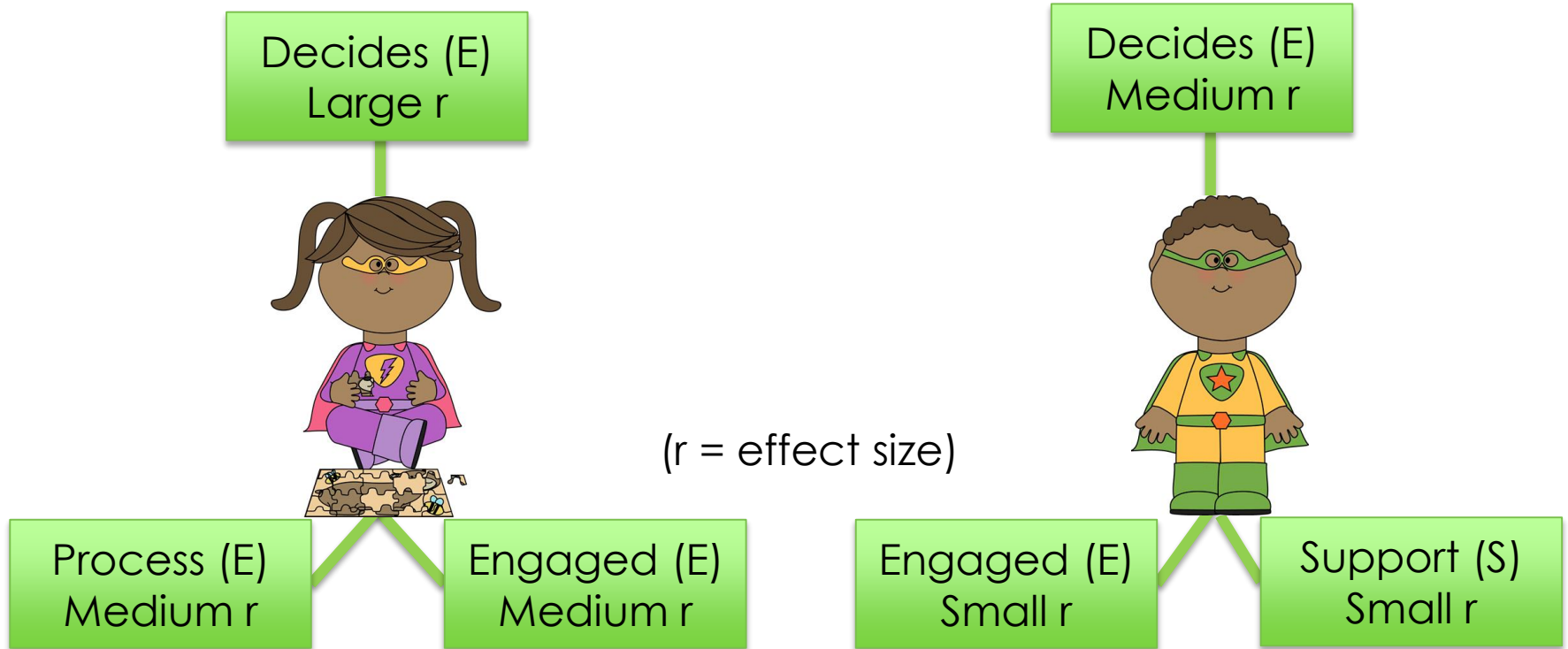
Post
Intervention



Results: Playfulness Profile



Results: ToP Items



Conclusion

Low playfulness
scores



Occupational
therapy practice-
play as end goal

At risk for
occupational
deprivation

Importance of
caregiver
involvement

Group
intervention
as
alternative