

Advancing Measurement and Understanding of Parental Intentions for Engaging in Youth Evidence-Based Mental Health Services

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COMMON PROBLEMS

Help Your Keiki



What's New?

53rd Annual Association for Behavioral and Cognitive Therapies (ABCT) Convention in Atlanta (November 2019)

- **Symposium 77 – Empowering Patients with Direct to Consumer Marketing for Evidence Based Psychotherapies:** Please click [here](#) to access the PEEBS development paper.
- Please click [here](#) to access the revised 39-item PEEBS
- Please click [here](#) to access the revised 66-item PEEBS

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Objectives

1. Introduction
2. Parent Engagement in Evidence-Based Services (PEEBS) Questionnaire
3. Current Study and Results
4. Discussion and Future Directions

Introduction

1. Treatment gap continues to exist¹
2. D & I efforts at organizational & provider level²
3. Complementary approach on consumers³
4. Emerging research on parents⁴

¹ Merikangas et al., 2011; Olfson, Gameroof, Marcus, & Waslick, 2003; Olfson, Marcus, Druss, Pincus, & Weissman, 2003; ²Kazdin, 2019; ³Becker, Helseth, Frank, Becker, Spirito, & Vanmali, 2016; Becker, Weeks, Escobar, Moreno, DeMarco, & Gresko, 2018; Ponzini & Schofield, 2019; Schofield, Weis, Ponzini, & McHugh, 2017; ⁴Becker, Spirito, & Vanmali, 2016

Parent Engagement in Evidence-Based Services (PEEBS)¹

- Multimethod
- Theory of Planned Behavior²
 - Attitudes
 - Perceived Behavioral Control
 - Subjective Norms
 - Behavioral Intentions
- 66 items



¹Chang, Orimoto, Burgess, Choy, & Nakamura, 2019; ²Ajzen, 1985; 1991

Current Study

Investigate psychometric properties

1. Exploratory Factor Analysis
2. Internal Consistency
3. Convergent & Discriminant Validity
 - Family Empowerment Scale¹
 - Family, Service System, Political/Community
 - Parental Attitudes Toward Psychological Services Inventory²
 - Help-Seeking Attitudes, Help-Seeking Intentions, Stigmatization

Data Collection

- 2016-2018
- Family-oriented events on the island of Oahu
- 351 parents
 - 40.36 (SD = 7.60) years old
 - 75.6% female
 - 77.5% married
 - 2.32 (SD = 1.14) children
 - 62.1% Asian
 - 31.3% Bachelor's degree
 - 63% had not heard of term “evidence-based services”



PEEBS' Exploratory Factors



Factor	Number of Items	Cronbach Alpha Coefficient	Example Item
Subjective Norms	7	.76	55: Treatments endorsed by other families with the same problems are important to me.
Perceived Treatment Barriers	10	.72	28: It takes a lot of effort to receive treatments based on research.
Knowledge	5	.73	54: I do not know where to find therapists who use treatments based on research.
Evidence-Informed Action	9	.85	33: I want to use treatments based on research for my child's problems.
Perceived Behavioral Control	8	.78	48: I would find out if my child's therapist uses researched treatments before starting services.

Family Empowerment Scale

PEEBS

	Family	Service System	Community/Political
Subjective Norms	Positive	Positive	Positive
Perceived Treatment Barriers	Negative	Negative	Negative
Knowledge	Positive	Positive	Positive
Evidence-Informed Action	Positive	Positive	Positive
Perceived Behavioral Control	Positive	Positive	Positive

Family Empowerment Scale

PEEBS

	Family $\alpha = .90$	Service System $\alpha = .88$	Community/Political $\alpha = .90$
Subjective Norms	Positive .12*	Positive .15**	Positive .05
Perceived Treatment Barriers	Negative -.01	Negative .02	Negative .27**
Knowledge	Positive .36**	Positive .40**	Positive .39**
Evidence-Informed Action	Positive .20**	Positive .15**	Positive .04
Perceived Behavioral Control	Positive .35**	Positive .41**	Positive .15**

Parental Attitudes Toward Psychological Services Inventory

PEEBS

	Help-Seeking Attitudes	Help-Seeking Intentions	Stigmatization
Subjective Norms	Positive	Positive	Negative
Perceived Treatment Barriers	Negative	Negative	Positive
Knowledge	Positive	Positive	Negative
Evidence-Informed Action	Positive	Positive	Negative
Perceived Behavioral Control	Positive	Positive	Negative

Parental Attitudes Toward Psychological Services Inventory

PEEBS

	Help-Seeking Attitudes $\alpha = .79$	Help-Seeking Intentions $\alpha = .65$	Stigmatization $\alpha = .85$
Subjective Norms	Positive .02	Positive .21**	Negative -.03
Perceived Treatment Barriers	Negative -.48**	Negative -.07	Positive .42**
Knowledge	Positive .08	Positive .25**	Negative -.14*
Evidence-Informed Action	Positive .11*	Positive .36**	Negative -.07
Perceived Behavioral Control	Positive .17**	Positive .38**	Negative -.22**

Discussion

1. Limited awareness about term “evidence-based services”
2. Support for Theory of Planned Behavior
3. “Acceptable” to “good” internal consistencies
4. Convergent evidence with related constructs
5. Potentially promising measure

Remaining Questions and Future Directions

1. How does the PEEBS perform with families actively seeking clinical services?
2. What are the associations between PEEBS' scales and actual behavior?
3. Differences across demographics, including child's diagnosis/problem area?
4. How may parental beliefs change throughout engagement in evidence-based services?

PEEBS: Revised

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