The MSU Autism Research Lab

Karis Casagrande

Katherine Pickard

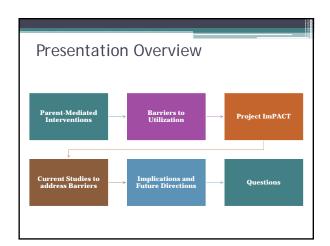
Objectives:

Identify effective methods for the practical application of concepts related to improving the delivery of services for persons with developmental disabilities at the level of the state.

Notes:







What is parent-mediated intervention (PMI)?

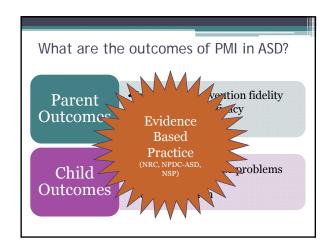
• Systematic instruction in strategies to help parents accomplish specific goals or outcomes for their child

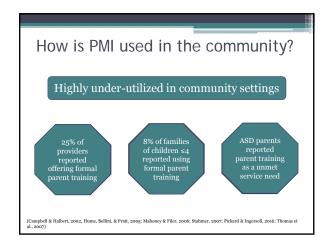
Behavior Management

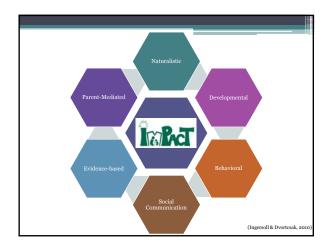
Parent-Child Interaction

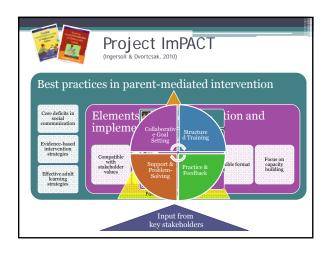
Pevelopmental Skills

• PMI is a primary intervention strategy







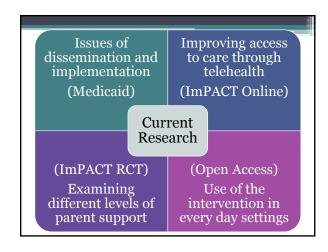


How can we increase community use of PMI?

Improve implementation in existing systems

Develop models that fit with community settings

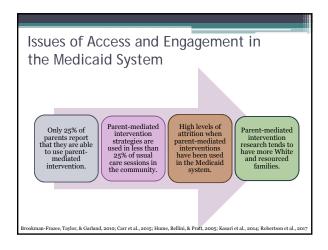
Create new or modify systems of care



Focusing in on the fit of Project ImPACT in the Medicaid system

Adaption of Project ImPACT for the Medicaid System

Community partnerships can be useful to ensure the fit of existing evidence-based services as they are transported from research settings to community practice.

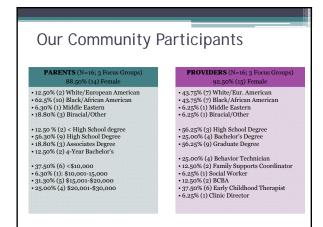


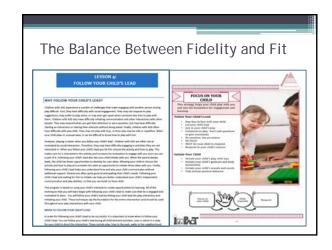
Improving Health Services through Community Partnerships

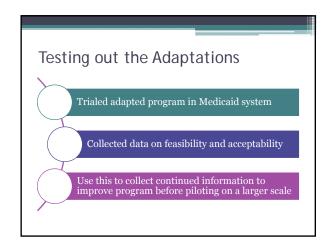
- Health interventions will have the greatest impact when they are broadly used by community members.
- Definition: formal collaborative relationships between researchers and community members, in which members work together to reach a common. (Brookman-Praze et al., 2012; Brookman-Praze et al

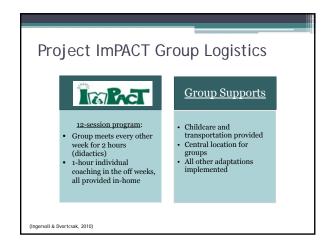


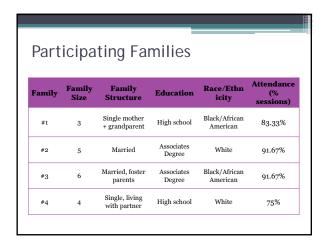




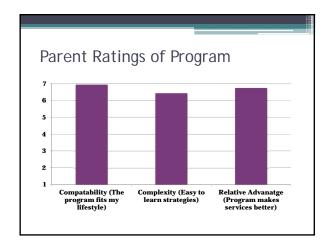


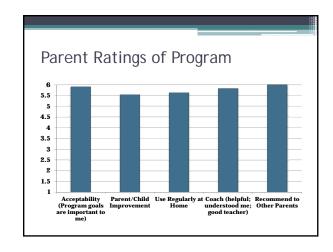


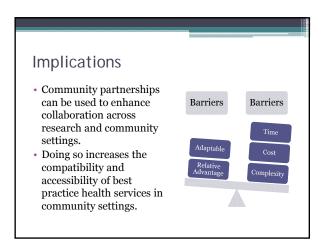


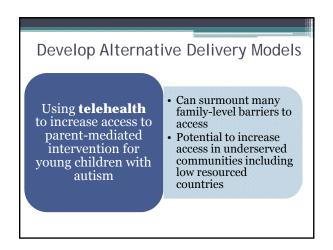


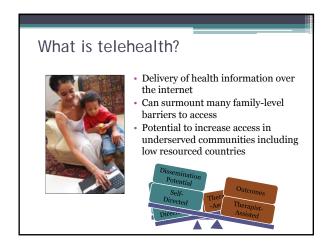
Preliminary results Did the parents learn the strategies? Fidelity scores: 1.5 → 3.75 (on a scale of 1-5) Family Empowerment: Small changes on the Family Empowerment Scale. Open Ended Feedback: "This program really gives you the tools to help your child, it should be offered to all parents!" "It was great to learn really small changes that make a big difference with your child." Did the children appear to benefit from their parents' use of the strategies? Social Communication Checklist: - Across families, biggest changes reported in social engagement (i.e. eye contact, sharing of emotions, length of play with parent) - Changes in 3 families in complexity of play.



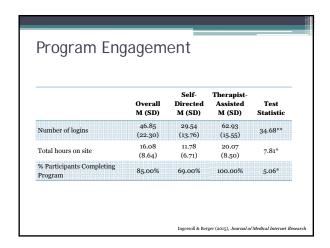


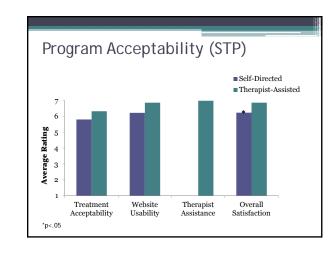


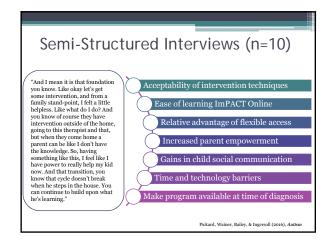


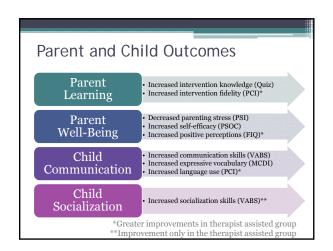


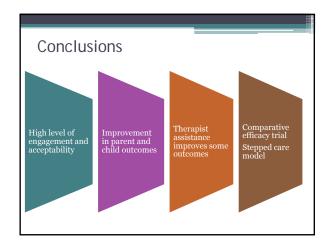


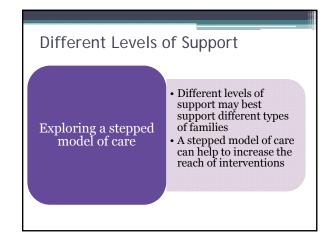




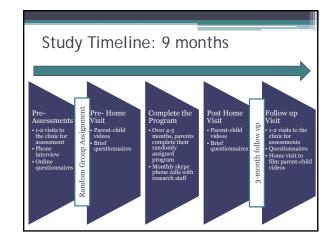


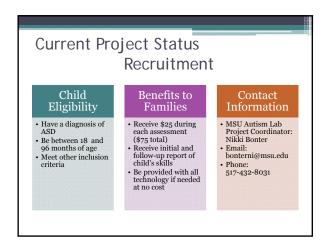


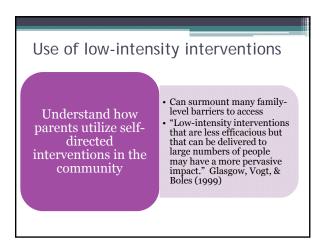


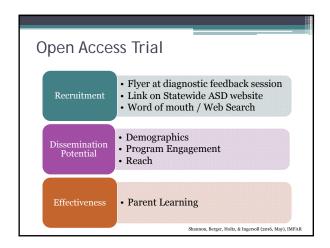




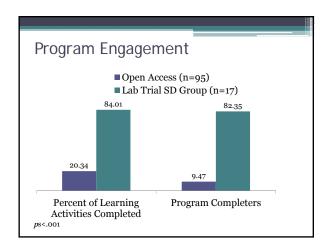


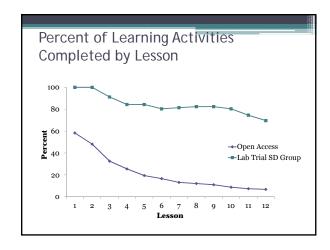


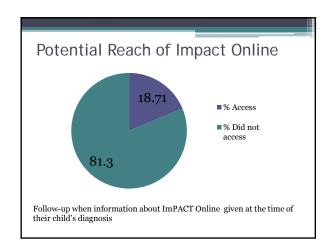


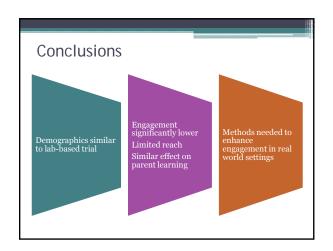


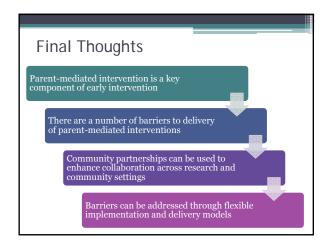
ser Demographics				
	Open Access (n=113)	Lab Trial (n=51)	p-value	
Parent Characteristics				
Gender (% female)	88%	85%	.64	
Education Level (% college degree)	54%	58%	.61	
Marital Status (% married)	78%	81%	.83	
Employment Status (% employed)	65%	58%	.49	
Mean Computer Fluency (CEWFS)	37.1	36.7	.14	
Child Characteristics				
Gender (% male)	77%	83%	-39	
Race/Ethnicity (% minority)	24%	39%	.08	
Mean Chronological Age (months)	43-33	59.84	<.001*	











Project ImPACT Training Workshop

- 2-day Workshop in East Lansing, MI on May 16-17
 - Provides initial preparation to implement Project ImPACT with children and their caregivers.
 - Must complete a 6-hour, Project ImPACT Online Tutorial.
- The cost of the workshop is \$525 per person
 - Includes cost of the Online Tutorial and the Manuals
 - Breakfast and lunch will be provided
 - CEUs for ASHA, State Board, and Social Work available.
- Attendees will be provided with a certificate of completion.



References

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 Bauman, A. A. et al. (2014). Children adaptation and implementation of evidence-based parent-training: A systematic review and critique of goiding evidence. Children and Fonds Network Review, 53; 11:52, 11:

- community partherships in studies of evidence-based interventions in causirus is somewhat to the Media August 200 code 20.

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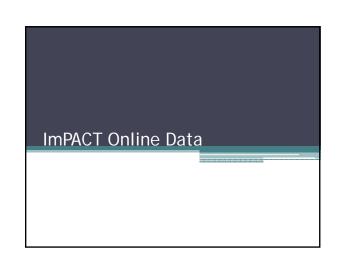
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 Kasari, C. et al. (2014). Legroyer-mediated intervention for low-resourced processor of brain to treatment and premature termination from child therapy. Journal of Crossiling and Clinical Psychology, 65, 450-463.

References



Participant Demographics				
	Overall	Group		
	(N=27)	Self- Directed (n=13)	Therapist- Assisted (n=14)	
Parent Characteristics				
Gender (% female)	96%	92%	100%	
Education Level (% college degree)	56%	46%	64%	
Marital Status (% married)	81%	92%	71%	
Employment Status (% employed)	59%	54%	64%	
Residence in Underserved Area	70%	77%	64%	
Child Characteristics				
Gender (% male)	70%	61%	79%	
Race/Ethnicity (% Minority)	22%	8%	36%	
Mean Chronological Age in Mos. (SD)	43.26 (12.58)	46.08 (13.18)	41.57 (12.24)	
Mean Nonverbal Mental Age in Mos. (SD)	24.83 (11.57)	25.42 (13.92)	24.29 (9.38)	
Mean Verbal Mental Age in Mos. (SD)	20.44 (10.11)	19.15 (9.63)	21.64 (10.74	
Mean Non-Study Intervention Hrs / Wk (SD)	12.98 (10.15)	13.62 (10.96)	12.38 (9.70)	

