

Development and Initial Findings of the Practice Elements Behavioral Observation System (PEBOS)

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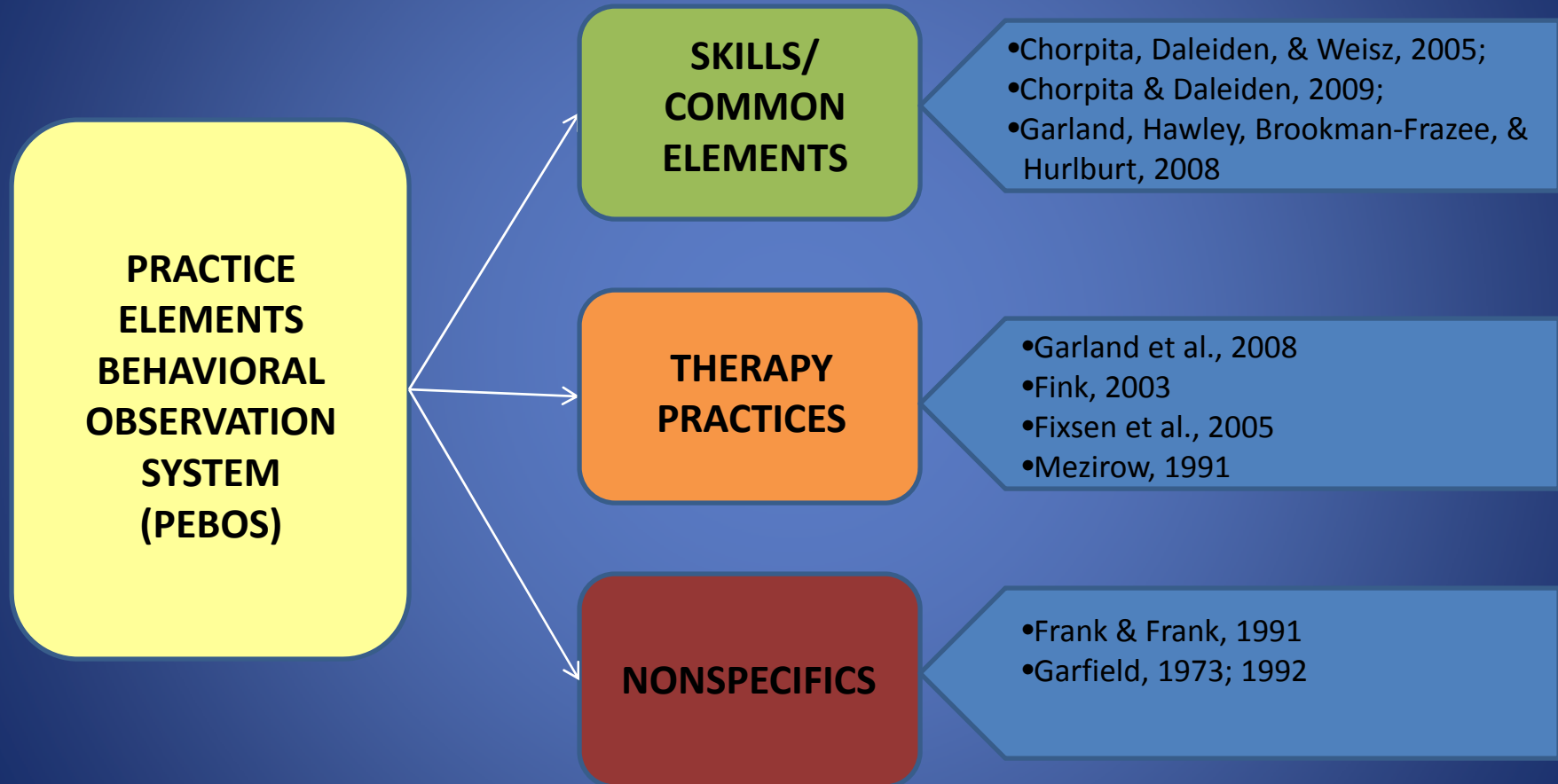
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Introduction



PEBOS – Two versions

- PEBOS-Clinic: Treatment Sessions
 - (1) fidelity of **content**
 - (2) presence and competence of **therapy practices**
 - (3) competence of **nonspecifics**
- PEBOS-Training: Role Play Scenarios
 - (1) presence and competence of **therapy practices**
 - (2) competence of **nonspecifics**

Baseline Evaluation

- 3 clinician cohorts ($n = 25$):
 - 5 child psychiatry fellows
 - 14 school clinicians working with youth in regular education
 - 3 clinicians and 3 case managers (6 total) working with youth in special education
- 10-minute role plays consisting of clinician pairs
- Raters included PEBOS developers and postdoctoral fellows

Praise

Did the clinician do the following:	YES	NO	Competence Rating						
			Poor	Average			Superior		
Explain the rationale for praise (e.g., behaviors increase or decrease depending on consequences; reinforcement is one of the best ways to increase desired behavior, and praise is one of the best reinforcers)			1	2	3	4	5	6	7
Instruct the caregiver in delivering praise (e.g., explain that praise is most effective when it is specific, immediate, and enthusiastic)			1	2	3	4	5	6	7
Model or demonstrate how to praise effectively			1	2	3	4	5	6	7
Have caregiver practice praising (either through role play or with the child)			1	2	3	4	5	6	7
Provide caregiver with feedback following practice			1	2	3	4	5	6	7
Assist caregiver in finding ways to apply the skill outside of session (e.g., identify child behaviors to praise, etc.)			1	2	3	4	5	6	7
Overall rating for skill training in parent praise	n/a	n/a	1	2	3	4	5	6	7

Baseline Data: Presence of Therapy Practices

Percentage of Clinicians Demonstrating Therapy Practice During Role Play

Did the Clinician...	Psychoed	Praise	Tangible Rewards	Effective Commands	Mean
Explain the rationale	81.8	91.7	75.0	87.5	84.0
Instruct caregiver in delivery	90.9	66.7	75.0	62.5	73.8
Model/ Demonstrate	n/a	83.3	62.5	75.0	73.8
Have caregiver practice	18.2	50.0	12.5	14.3	23.6
Provide caregiver w/ reinforcement and feedback	54.4	41.7	25.0	16.7	34.5
Discuss application outside session	n/a	83.3	62.5	87.5	77.8

Baseline Data: Competence of Therapy Practices

How well did the clinician... (1 = Poor, 7 = Superior)	Psychoed	Praise	Tangible Rewards	Effective Commands	Mean
Explain the rationale	3.78	4.90	4.17	4.80	4.41
Instruct caregiver in delivery	3.75	4.86	5.00	5.20	4.70
Model/ Demonstrate	n/a	4.33	5.80	5.50	5.21
Have caregiver practice	3.33	3.83	5.00	1.00	3.29
Provide caregiver w/ reinforcement and feedback	3.83	4.50	1.00	6.00	3.83
Discuss application outside session	n/a	4.25	5.50	5.67	5.14
Overall (Qualitative) Rating	3.30	3.90	3.67	3.83	3.68

Historic Double Blizzard!!!



Next steps

- Post-training evaluations
- Strengthen ratings criteria to increase reliability
- Formally examine inter-rater reliability
- Expand PEBOS-T to incorporate additional practice elements
- Pilot PEBOS-C

Thank You!

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