

A Meta-Analysis of Wraparound Literature via NIRN Implementation Research

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Purpose: Inform research agenda

For the wraparound model:

- What's well-examined ?
- What's not ?
- What assumptions have been made ?
- What's been overlooked?

- **Implementation is a specified set of activities designed to put into practice a program of known dimensions.**
- **Implementation processes are purposeful, described in sufficient detail so independent observers can detect presence & strength of the "specific set of activities".**
- **Activity implemented is described in sufficient detail so independent observers can detect its presence & strength.**



Fixsen, D.L., Naoom, S.F., Blase, K.A., Friedman, R.M. & Wallace, F. (2005). Implementation research: A synthesis of the literature. Tampa, FL., University of South Florida, Louis de la Parte Florida Mental Health Institute, The National Implementation Research Network (FMHI Publication #231)

Meta-analysis via NIRN 2005 Monograph

Core Intervention Components

Model Definition
Target Population
Alternative or Typical Models Used
Theory Base
Theory of Change

Meta-analysis via NIRN 2005 Monograph

Core Implementation Components

Organizational Context
Organizational Readiness

Facilitative Administrative Structures & Practice
Organizational Level Model Fidelity Assessment
Systems Level Interventions to Support Direct Service

Model Fidelity Assessment
Supervision/Coaching
Staff Selection
Staff Training
Purveyor (consultant/trainer) Selection

Meta-analysis via NIRN 2005 Monograph

Stages of Implementation

Socio-economic & Political Context

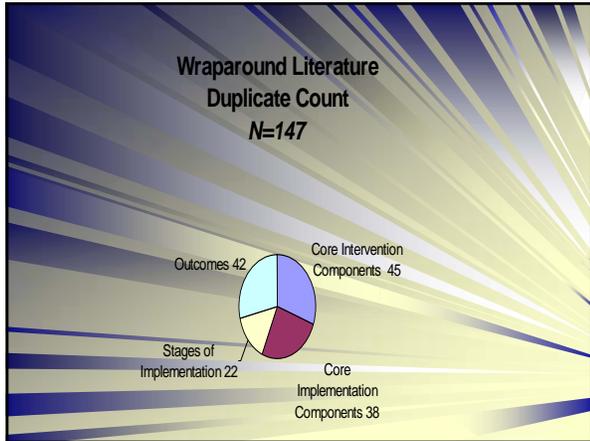
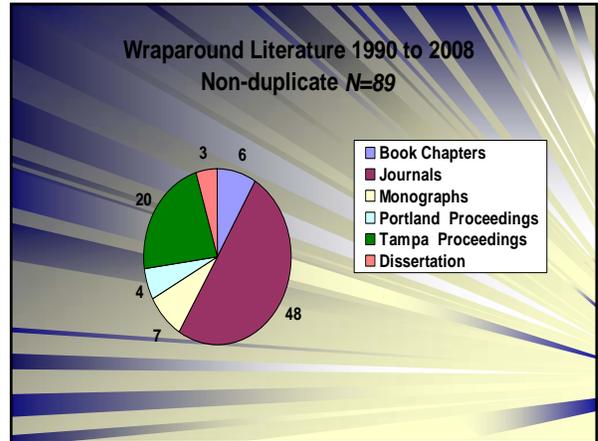
Exploration & Adoption
Program Installation
Initial Implementation
Full Operation
Innovation
Sustainability

Outcomes

Intervention
Implementation

Meta-analysis of literature

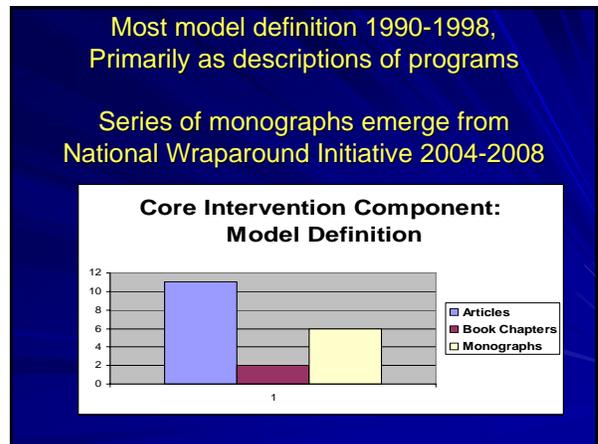
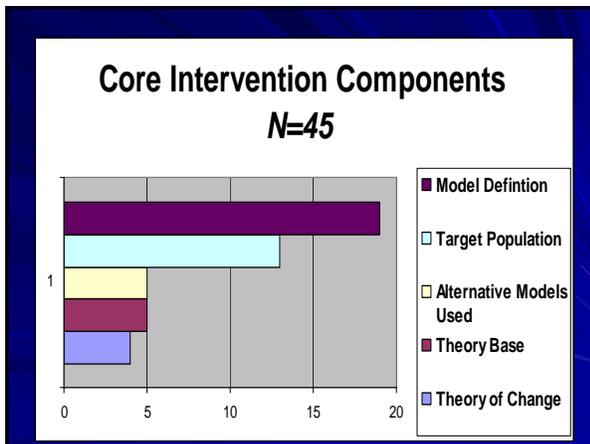
- Organization of articles into NIRN core components
- Process of placement similar to NIRN
 - Small group reads & analyzes independently
 - Compare similarities & differences until consensus
 - NWI research & evaluation group reviews, suggests changes
- More expansive review of literature than NIRN
 - Dissertations/proceedings that became articles were not included
 - Local reports on wraparound programs will be included



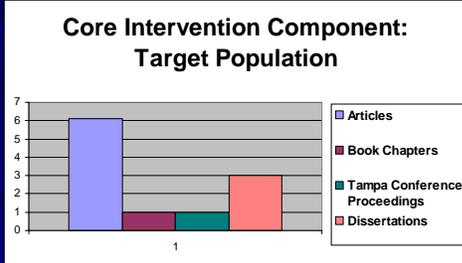
Meta-analysis via NIRN 2005 Monograph

Core Intervention Components

- Model Definition
- Target Population
- Alternative or Typical Models Used
- Theory Base
- Theory of Change



Target population addressed by description, primarily defined by pursuit of funding, focused upon "deep end" cases, with no true examination ala MST



Theory Base & Theory of Change

Few authors discuss theory base (Malysiak 1997-2000)

Model was defined through values

Ecological approach vs. ecological systems theory

Comparison of MST & Wraparound, limited application of MST lessons learned (Burns, Schoenwald, et al., 2000; Bertram & Bertram, 2003)

Theory of change only now emerging

(Resendez, 2002; Cox, 2005; Walker & Koroloff, 2007; Walker 2008)

Early discussion with few tests.

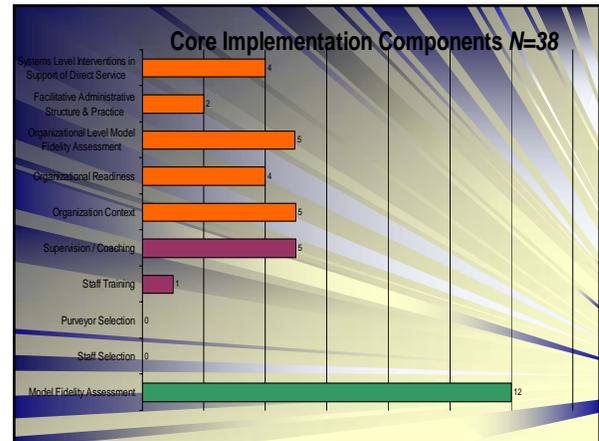
Meta-analysis via NIRN 2005 Monograph

Core Implementation Components

Organizational Context
Organizational Readiness

Facilitative Administrative Structures & Practice
Organizational Level Model Fidelity Assessment
Systems Level Interventions to Support Direct Service

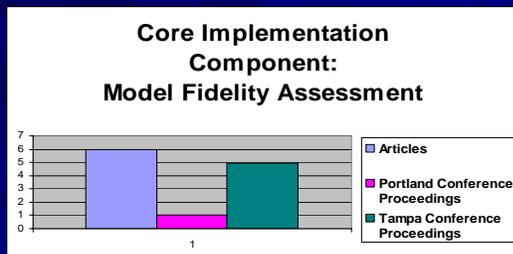
Model Fidelity Assessment
Supervision/Coaching
Staff Selection
Staff Training
Purveyor (consultant/trainer) Selection



Model Fidelity emerges 1996-2002

Conference proceedings become articles, 2002-2007

Few focus on fidelity & organizational components



Staff Training

Limited, descriptive, with no systematic review of results
Individual purveyors disperse different curriculum

Staff Selection

No publications
(see Stages of Implementation: Program Installation)

Purveyor Selection

No publications

Supervision

Emerges from conferences into literature (2000-2008)

Meta-analysis via NIRN 2005 Monograph

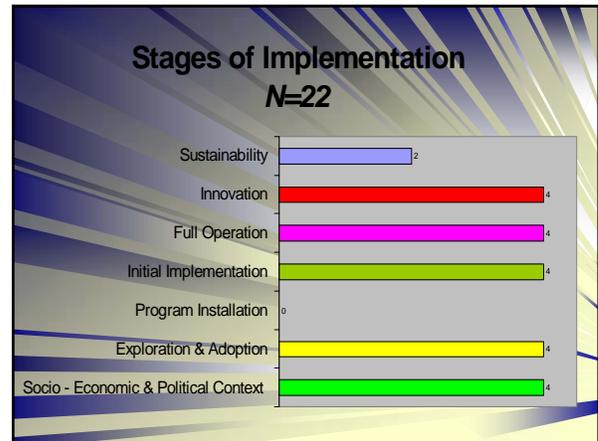
Stages of Implementation

Socio-economic & Political Context

- Exploration & Adoption
- Program Installation
- Initial Implementation
- Full Operation
- Innovation
- Sustainability

Outcomes

- Intervention
- Implementation



Just beginning to examine stages

- Handful of Dawn Project & Wrap Milwaukee publications examine sustainability & other stages
- No examination of program installation just as there were no publications on staff selection, training, & purveyor selection

Multiple organizational components & stages of implementation

Walker, Koroloff, Schutte, 2004

Walker & Koroloff, 2007

- Organizational context
- Organizational readiness
- Organizational level fidelity assessment
- System level interventions in support of direct practice
- Facilitative administrative structure & practice
- Exploration & adoption

Multiple organizational components & stages of implementation

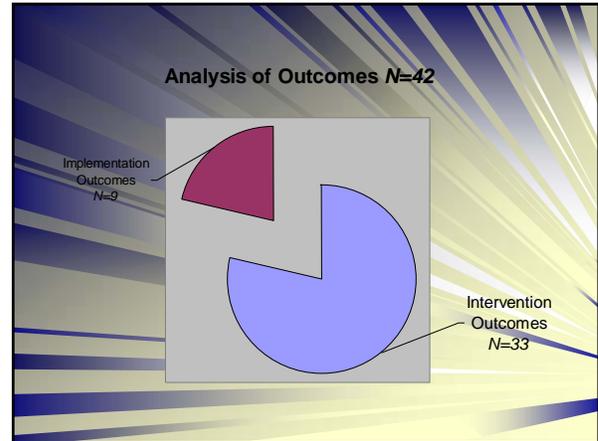
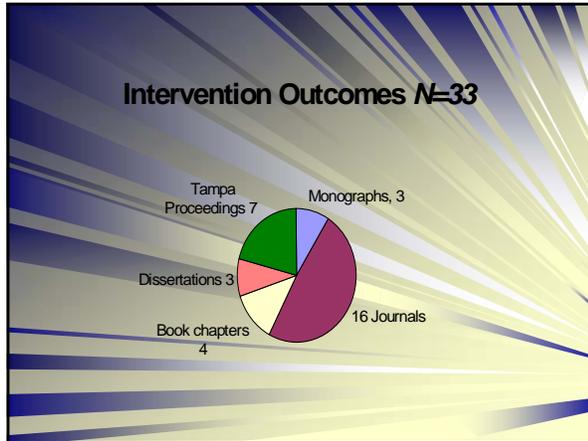
Bruns, Rast, Peterson, Walker, Bosworth, 2006

Bruns, Suter, Leverantz-Brady, 2006

- Organizational context
- Organizational readiness
- Organizational level fidelity assessment
- Systems level interventions in support of direct service
- Supervision/coaching
- Socio-economic & Political context
- Exploration & adoption
- Full operation
- Innovation
- Sustainability
- Implementation Outcomes

Outcome publications N= 42

- Probably due to wraparound principle
- Most focus upon intervention outcomes (N = 33) Many of these were published pre-2000
- Only a few recent publications examine implementation outcomes & their relationship to intervention outcomes (N=9)
- What will local reports focus upon?



Some initial impressions:

- Outcomes were studied too soon
- Model has been defined by values & consensus
- Need systematic study of overlooked factors
- Must question target population assumptions

Implications for future research agenda

Staff (selection, training, supervision/coaching)

- Who best implements this model?
- What knowledge? What skills?
- What training produces what fidelity & outcomes?
- What supervisory model produces best fidelity & outcomes?

Target Population

- Has been "deep-end"
- These cases have multiple system engagements & failures
- This focus has complex organizational implications

- Can this model work with an elderly clientele?
- Could this be a model for prevention?

Implications for future research agenda

Theory, Values, Process, & Theory of Change

Recent discussion is complex, requires testing

Examining application with different target population may refine & test theory of change

Eg; How do team composition & development influence assessment, focus of interventions, planning for transition & "treatment generalization"

Eg; Training emphasizes meeting family needs. However, do patterns of interaction within the family & between family members & others influence meeting these needs?

Implications for future research agenda

More focus on organizational context

- Is Wraparound another model to layer into a service array?
- Examine influence of organizational climate, culture & readiness
- We need descriptions of failures.**

More focus on early stages of implementation

Exploration & Adoption
(in systems of care literature? Local reports?)

Program installation

Not yet addressed because we have not been thinking with complexity about organizational components, nor about staff selection, knowledge, skills, training, etc.

Purveyor Selection

Who does what well? How do we know?