

Wraparound Implementation in Indiana: Essential Components and Results

23rd Annual Children's Mental Health Research and Policy Conference
Tampa, Florida
March 8, 2010

23rd Annual Children's Mental Health Research and Policy Conference



Overview

Objective:

Use NIRN framework to examine the relationships between SOC, wraparound and outcomes for youth and families

3 papers:

1. Essential Implementation Components
2. Strengths-Based Site Assessment
3. Level of Development, Fidelity and Outcomes

23rd Annual Children's Mental Health Research and Policy Conference



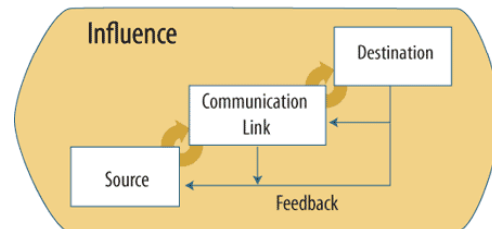
Indiana's Essential Implementation Components

Betty Walton, Ph.D.

23rd Annual Children's Mental Health Research and Policy Conference



A Conceptual Framework for Implementation of Defined Practices and Programs



23rd Annual Children's Mental Health Research and Policy Conference



Source

Defines Practice

Original Standards
Best Features of Local Implementation



Wraparound Values and Principles

In mid 1990's wraparound started in a few Indiana communities

2 federally funded SOC's

23rd Annual Children's Mental Health Research and Policy Conference



Destination

Organization that adopts, supports and funds installation and ongoing support for innovation



FSSA, DMHA

- Leadership
- Support
- Funding
- Technical assistance
- Infrastructure
- Sought federal funding
- Learned from experience
- Persistent

23rd Annual Children's Mental Health Research and Policy Conference



Communication Link (Purveyor)

Assures "that the practitioner has knowledge, skills, ability and continuing resources to provide the core intervention components competently"

Technical Assistance Center

- Training
- Consultation and Coaching
- Peer Support Groups
- Community Assessment



23rd Annual Children's Mental Health Research & Policy Conference



Sphere of Influence

Implementation occurs within a sphere of influence: factors that affect people, organizations and systems.

- Changes in way mental health services were funded
- Medicaid Rehabilitation Option
- Recent *reforms* in child welfare system
- Current *transformation* of behavioral health system



23rd Annual Children's Mental Health Research & Policy Conference



Feedback

"a regular flow of reliable information about performance of individuals, teams and organizations acted upon by relevant practitioners, managers and purveyors"

- Critical to success
- Community Alternatives to Psychiatric Residential Treatment Facilities (CA-PRTF)
- Statewide evaluation of wraparound
- Information shared with stakeholders



23rd Annual Children's Mental Health Research & Policy Conference



Strengths-Based Site Assessment

Vicki Effland, Ph.D.
Janet McIntyre, MPA

23rd Annual Children's Mental Health Research & Policy Conference



Strengths-Based Site Assessment

- Pires (2002) *Building Systems of Care: A Primer*
- Walker, Koroloff, & Schutte (2003) *Necessary Conditions for Individualized Service Planning*

23rd Annual Children's Mental Health Research & Policy Conference




Organizational and System-Level Conditions

- Collaboration and partnerships
- Capacity building and staffing
- Acquiring services and supports
- Accountability
- Family support

23rd Annual Children's Mental Health Research & Policy Conference




Stages of Implementation



23rd Annual Children's Mental Health Research & Policy Conference

Stages of Implementation


- Stage 1: **Exploration and Adoption**
- Stage 2: **Program Installation**
- Stage 3: **Initial Implementation**
- Stage 4: **Full Operation**
- Stage 5: **Innovation**
- Stage 6: **Sustainability**




23rd Annual Children's Mental Health Research & Policy Conference

Exploration and Adoption Stage

Consensus Building




- Forming an implementation team (*Oversight Team*)
- Assessing community needs and desired outcomes related to needs
- Studying and assessing "fit"
- Assessing potential barriers




23rd Annual Children's Mental Health Research & Policy Conference

Installation Stage



- Setting the stage for infrastructure
- Creating structural and instrumental changes necessary to initiate the innovation
- **Active** participation by key stakeholders




23rd Annual Children's Mental Health Research & Policy Conference

Initial Implementation Stage



- **Survive the awkward!!!!**
- Learn from mistakes
- Continue "buy-in" efforts
- Manage expectations



23rd Annual Children's Mental Health Research & Policy Conference

Full Operation Stage



- Innovation is operational with full staffing
- Appropriate referrals flowing through
- Funding is stable
- New practice operates with skill and fidelity
- Strong support of administrators and supervisors
- Community adapted to the innovation



23rd Annual Children's Mental Health Research & Policy Conference

Assigning Stage Ratings

- Completed by TA Center Coaches
- Rating guide
 - Characteristics of communities at each stage
 - Within 5 organizational and system-level conditions

NSF Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Organizational and System-Level Conditions

- Collaboration and partnerships
- Capacity building and staffing
- Acquiring services and supports
- Accountability
- Family support

NSF Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Collaboration and Partnerships

- Coordinating committee meets
- Identified tasks completed
- Representatives from child-serving
 - actively involved
 - demonstrate support
- Family members involved

NSF Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Capacity Building and Staffing

- SOC Coordinator
 - No caseload
 - Dedicated to SOC
- Care coordinators
 - Desired youth to coordinator ratio
 - Turnover
 - Understand and implement wraparound
- Organizational support for staff

NSF Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Acquiring Services and Supports

- Medicaid
- Funding provided by child-serving agencies
- Plan for blended funding
- Sustainability of funding

NSF Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Accountability

- Outcomes identified
- Data collection
- Reporting
- Results used for decision making

NSF Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Family Involvement

- Family to family support
 - Family mentors
 - Support groups
 - Advocacy
- Multiple opportunities to receive support

IMP Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Wraparound Implementation in Indiana: Level of Development, Fidelity and Outcomes

Vicki Effland, Ph.D.
Betty Walton, Ph.D.

IMP Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Purpose

- Provide feedback
- Examine relationships between
 - Stage of implementation and wraparound fidelity
 - Wraparound fidelity and youth and family outcomes

IMP Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Overall Stage of Implementation

- Mean of ratings across the 5 organizational and system-level conditions

IMP Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Stages of Implementation

- Stage 1: **Exploration and Adoption**
- Stage 2: **Program Installation**
- Stage 3: **Initial Implementation**
- Stage 4: **Full Operation**

IMP Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Stage of Implementation Results

- Stage 1 – 20%
- Stage 2 – 34.5%
- Stage 3 – 32.7%
- Stage 4 – 12.7%

IMP Research Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Wraparound Fidelity Index, 4.0

- Bruns, et al. (2007) – Wraparound Evaluation and Research Team
- 4 Phases of Wraparound
- 10 Wraparound Principles

WFI Research & Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



WFI Administration

- Trained Interviewers
- Respondents
 - Wraparound facilitators
 - Caregivers
 - Youth
- Several times during wraparound

WFI Research & Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



WFI Results

- 276 youth with at least one interview
- Average overall WFI score = 80.2%

WFI Research & Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



Levels of Wraparound Fidelity

- > 84% High Fidelity
 - 75 to 85% Adequate Fidelity
 - 65 to 74% Borderline Fidelity
 - < 65% No Wraparound
- (Bruns, Leverentz-Brady & Suter, 2005)

WFI Research & Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference



WFI Results

- High Fidelity Wraparound = 39.9%
- Adequate Fidelity Wraparound = 36.2%
- Borderline Wraparound = 15.5%
- No Wraparound = 8.3%

WFI Research & Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference

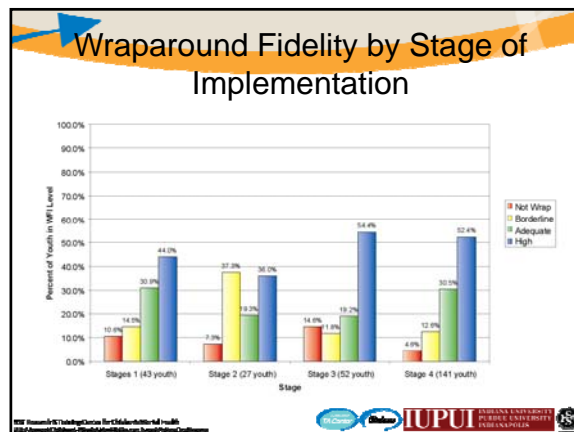


Wraparound Fidelity by Stage of Implementation

- WFI interviews for at least one youth in 33 of 51 communities
- 263 interviews in the 33 communities
- Average of 8 interviews per community

WFI Research & Training Center for Children's Mental Health
23rd Annual Children's Mental Health Research & Policy Conference





Child and Adolescent Needs and Strengths (CANS)

Dimensions:

- Functioning
- Strengths
- Acculturation
- Behavioral Health Needs
- Risk Behaviors
- Caretaker Needs & Strengths

Copyright: Praed Foundation, 1999

Measuring Improvement

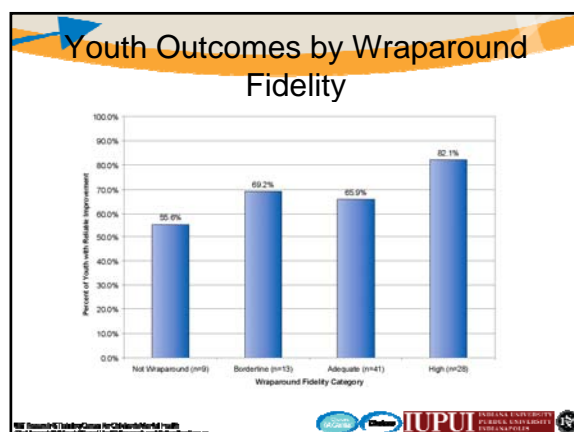
Improvement in any CANS Domain

Reliable Change Index Calculated for Each Domain, $p < .05$.

39

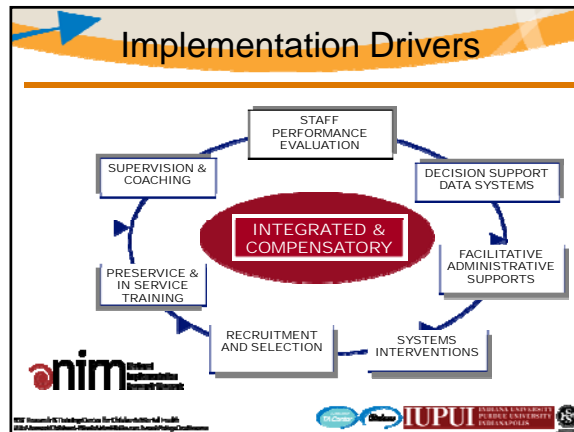
CANS Results

- 115 youth had CANS available at baseline and at least one follow-up point
- 67% had improvement in at least one CANS dimension



Conclusions

- Outcomes for "No Wraparound" similar to usual public services
- Preliminary evidence of association between wraparound fidelity and outcomes
- Consistent with implementation studies for other practices
- Further research indicated



For more information, contact:

Vicki S. Effland, PhD. Director, Outcomes and Evaluation Choices, Inc. veffland@ChoicesTeam.org	Janet McIntyre, MPA Organizational Learning Consultant Choices, Inc. JMcIntyre@ChoicesTeam.org
Betty Walton, PhD, LCSW Indiana University School of Social Work Indiana Family & Social Services Administration Division of Mental Health & Addiction beawalto@iupui.edu	

IUPUI Indiana University Purdue University Indianapolis