Overview of Treatment Engagement Findings from DATOS

Charts Prepared & Released for Public Use by Dwayne Simpson (TCU), Robert Hubbard (NDRI-NC), Douglas Anglin (UCLA), & Bennett Fletcher (NIDA)

Drug Abuse Treatment Outcome Studies (Funded by NIDA)

Overview of Treatment Engagement Findings from DATOS

Third National Evaluation of Treatment Effectiveness

Funded by the National Institute on Drug Abuse

1991-93
11 Cities
96 Programs
~10,000 Patients
All treatment types
Follow-up: 1 & 5 Yrs

Over 40 Studies Published –
Psychology of Addictive Behaviors (Dec 97)
Drug and Alcohol Dependence (Dec 99)
Archives of General Psychiatry (June 99)
Conceptual Model for Evaluating Program Effects

- **Patient Attributes (History)**
- **Program Attributes (Resources)**
- **Program Services and Retention**
- **Treatment Outcomes**

Long-Term Residential (LTR) Treatment
Changes from Before to After Treatment

- % of DATOS Sample (N=676)
- Hubbard, Craddock, Flynn, Anderson, & Etheridge, 1997, PAB
**Comparison of Year 1 Outcomes by Length of Stay in LTR**

<table>
<thead>
<tr>
<th>Outcome</th>
<th>&lt; 90 Days</th>
<th>90+ Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocaine (Any Use)*</td>
<td>55</td>
<td>28</td>
</tr>
<tr>
<td>UA+ (Any Drug)*</td>
<td>53</td>
<td>19</td>
</tr>
<tr>
<td>Alcohol (Daily Use)*</td>
<td>15</td>
<td>9</td>
</tr>
<tr>
<td>Any Jail*</td>
<td>54</td>
<td>24</td>
</tr>
</tbody>
</table>

% of Sample

N=342; Simpson, Joe, & Brown, 1997, PAB

**Predictors of Retention in LTR**
(based on posttreatment interviews)

- Relationship w/ counselor
- Attending education classes

**Similar findings in other modalities!**

Satisfaction w/ program

Simpson, Joe, & Brown, 1997, PAB
Motivation & Retention in LTR

Client Predictors

- Motivation
- Older
- Never married
- Alcohol problem
- Employed
- Legally involved
- Fewer arrests

Stages

- Problem Recognition
- Desire for Help
- Treatment Readiness

90+ Days

Intake

Joe, Simpson, & Broome, 1998, *Addiction*

Motivation & Retention in LTR

Treatment Readiness (at Intake)

- Commitment
- Confidence
- Rapport

Similar findings in ODF & OMT

Each based on 5-item composites

Therapeutic Involvement in Months 1 & 3

Joe, Simpson, & Broome, 1998, *Addiction*
Process Model for Time in LTR Treatment
(Structural equation modeling)

- Previous Trt
- Depression
- Cocaine Prob
- Motivation (Trt Readiness)
- Hostility

Session Attributes

Retention (90+ days)

Therapeutic Involvement

Client Ratings of
- Rapport
- Confidence
- Commitment

Pretreatment

Months 1-2

Joe, Simpson, & Broome, 1999, Drug & Alcohol Dependence

Treatment Process Model: Client & Program Predictors

Hierarchical Linear Modeling (HLM)

- Trt Confidence (Mo 3)
- Trt Commitment (Mo 3)

Client factors
- Treatment Readiness
- Session Attendance (Mos 1-3)
- Rapport w/ Counselor (Mo 1)

Program factors
- Referred services
- Missed sessions
- Diversity of needs

Broome, Simpson, & Joe, 1999, Drug & Alcohol Dependence
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Findings from DATOS

July, 2001

Latest DATOS studies have been published in *Drug and Alcohol Dependence*. Treatment process (engagement and participation), retention, and outcomes are the focus of this series of studies, and our first cost-benefit analysis addresses cocaine treatment. The latest DATOS publications are listed on the Publications page.

www.datos.org

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**TCU Treatment Process Model**

- **Induction**
- **Patient Attributes at Intake**
- **Counselor Attributes & Skills**
- **Program Characteristics**

**Early Engagement**
- Therapeutic Relationship
- Program Participation

**Early Recovery**
- Behavioral Compliance
- Psychological Improvement

**Sufficient Retention**
- Behavioral Strategies
- Social Skills Training

**Supportive Networks**
- Drug Use
- Crime
- Social Adj

**Posttreatment**
- Personal Health Services
- Social Support Services
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The IBR conducts evaluations of drug abuse intervention programs in community and correctional settings.

TCU Treatment Process Model now available for downloading

Counseling Manuals now have sample chapters for downloading by users

www.ibr.tcu.edu

Features:
- Animated slide presentations
- IBR Research Summaries
- Special issues
- Current issue of Research Roundup
- Publication lists
- 10 most popular TCU forms for downloading