

Addiction Treatment Pilot Program Evaluation

The Begun Center for Violence and Prevention Research & Education at Case Western Reserve University has been awarded the contract to evaluate the effectiveness of Ohio's Addiction Treatment Pilot Program (ATPP). The research team, led by Dr. Mark Singer and Dr. Margaret Baughman Sladky, at the Begun Center has a long and distinguished record of research and evaluation in the area of drug treatment courts, medication assisted treatment and offender reentry programs.

The Begun Center is currently serving as the evaluator for five drug courts in Ohio receiving SAMHSA grant funding.

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CASE WESTERN RESERVE
UNIVERSITY EST. 1826

Addiction Treatment Pilot Program Evaluation Objective

- **Assess the impact outcomes** for the ATPP participants with a particular focus on:
 - Substance Use
 - Criminal Justice Involvement and Recidivism
 - Service Utilization
 - Treatment Retention
 - Employment
 - Mental Health
 - Physical Health
 - Legal and Social Problems
 - Treatment Satisfaction
 - Treatment Program Completion; Drug Court Completion

Addiction Treatment Pilot Program Evaluation Questions

- **Process Questions**

- How closely did the ATPP implementation match the plan?
- What strategies were used to maintain fidelity to the ATP program?
- What barriers, if any were identified?
- What effect did the changes have on the planned intervention and evaluation?
- Who provided what services, to whom, in what context, and at what cost?

Addiction Treatment Pilot Program Evaluation Questions

- Outcome Questions
 - Were ATPP participants more likely to complete drug treatment and be medically compliant?
 - Were ATPP participants more likely to complete their Drug Court Program?
 - Did the ATPP reduce participants re-entry into the criminal justice system compared to the control groups' criminal justice status?
 - Did the ATPP reduce participants' use of alcohol and drugs?
 - Did the ATPP improve participants' a) educational success, b) employment skills, c) residential stability, d) access to medical care including physical, mental, and substance abuse treatment services?

Data Sources and Instruments

- **Instruments and Other Data Sources**
 - The Ohio Risk Assessment System (Scores)
 - The Biopsychosocial Assessment
 - Government Performance Results Act Survey (GPRA)
 - Lifetime Exposure to Violence Scale Adult Version
 - Recidivism Record Check Form
 - Client Treatment Record and Urinalysis
 - Program Satisfaction Survey
 - Client Locator Form

Data Sources and Instruments

- **Ohio Risk Assessment System**
 - Screening tool
 - Has been found to be predictive of future recidivism risk
 - Guides treatment planning, supervision levels, program referral and placement and treatment intervention
- **Biopsychosocial Assessment**
 - Clinician-administered
 - Assesses demographics (gender, age, race, etc...), drug use history, drug abuse treatment history, relapse potential, treatment acceptance, emotional/behavioral/cognitive conditions, physical health history, criminal activity and history, employment, family history, psychiatric diagnoses

Data Sources and Instruments

- **Government Performance Results Act (GPRA) Survey**
 - Current substance use, criminal justice involvement, housing status, employment status, access to medical services, high-risk behaviors
- **Lifetime Exposure to Violence Scale**
 - Examines exposure to violence, including threats, slapping/hitting/punching, beatings, knife attacks and shootings
 - Shown to be reliable
 - High levels of violence exposure are associated with depression, PTSD, anxiety, anger, and violent behavior

Data Sources and Instruments

- **Recidivism Record Check**
 - Documents arrest records one year prior and one year post-arrest
- **Treatment Record**
 - Records all services including drug treatment, court appearances, current conditions such as housing status, employment status, medication compliance, and urinalysis records
- **Program Satisfaction Survey**
 - Satisfaction with criminal justice interfacing, treatment staff services including substance abuse treatment staff, mental health treatment staff, and case management

Evaluation Design and Methods

- **Three group time series design**
- **Two comparison groups:**
 - 1) MAT Drug court-eligible but “opted out”
 - 2) Enrolled but did not complete the court program successfully
- **Data collection periods:**
 - Pre-Intake, Intake, 6-Month Follow-Up, Discharge, 12-Month Post-Arrest
- **Mixed Method design:**
 - Quantitative outcomes and process indicators;
 - Qualitative interviews to access program facilitators and barriers

Data Collection Time Periods

Administration	Pre-Intake	Intake	6-Month Follow-Up	Discharge	12 Month Post-Arrest
ORAS	X				
BioPsychoSocial Assessment	X				
GPRA Participant Tool		X	X	X	
Exposure to Violence Scale		X			
Recidivism Record Check				X	X
Service Record & Urinalysis		X	X	X	
Participant Satisfaction				X	
Key Informant Interviews				X	

Why Evaluate this Program?

- Little information is currently available on the use of MAT in Ohio Drug Courts
- Need to evaluate the effectiveness of the ATPP legislation
- Will provide valuable information to the state about process issues (facilitators and barriers) surrounding the uptake of MAT interventions in Drug Courts.
 - This will improve potential adoption in Drug Courts statewide
- Will provide the state with information about regional program variation which will assist in larger scale program implementation

Potential Program Limitations

- Program Recruitment into the study
- Program variation in treatment offered (e.g., different medications, different outpatient options).
- Likely focus on proximal outcomes of treatment and drug court retention and completion for initial phase of evaluation
- Will need follow-up study to determine distal outcomes related to quality of life, substance use, etc...
- Timing of MAT intervention can be up to 18 months- legislation is for two year program

Program Evaluations Questions

- Contact
- Dr. Mark Singer
 - Mark.singer@case.edu
- Dr. Margaret Baughman Sladky
 - Margaret.baughman@case.edu