

# Measurement-based Care for Substance Use Disorders: An Overview and Illustrative Examples

Category: Symposium Overview

## Abstract Body

Substance use disorders (SUDs) are among the most common psychiatric conditions and improvements in treatment are urgently needed. One strategy that has considerable promise is measurement-based care (MBC), also referred to as progress and outcome monitoring and routine outcome monitoring. Specifically, MBC refers to structured assessments using validated measures that are routinely conducted on all patients and often repeated on multiple occasions. The potential benefits of MBC include improving assessment of substance use concerns, increasing screening for comorbid psychiatric conditions, and identifying both positive changes during treatment and lack of response or exacerbation suggesting a need for modifications to treatment. In addition to these clinical benefits, MBC offers a platform for enhanced program-level quality improvement initiatives by systematically characterizing the clinical milieu and may be leveraged to conduct generalizable clinical research. This symposium will provide a conceptual overview of MBC for SUDs and two illustrative examples of MBC initiatives in large high-volume healthcare settings, SUD programs at St. Joseph's Healthcare Hamilton (SJHH) and in Homewood Health programs. In each case, the examples will highlight the three potential use cases: improvements in clinical care, enhancements to quality improvement, and contributions to clinical research on SUDs. In terms of specific contributions to this 60-minute symposium, Drs. MacKillop (McMaster and SJHH) and Costello (Homewood Research Institute) will highlight the theoretical framework and empirical findings, Dr. Brasch (McMaster and SJHH) will serve as a Discussant regarding clinical applications, and Ms. Remers (Homewood Health) will serve as a Discussant regarding organizational and system-level applications.

## Key Words

- Assessment/screening
- Psychological Interventions
- Quality Improvement
- Technology
- Treatment Models/Programs

## Learning Objective # 1

To understanding the theoretical framework of measurement-based care for substance use disorders.

## Learning Objective # 2

To understanding the empirical contributions to understanding subtyping individuals with substance use disorders using measurement-based care.

Reference # 1

<https://jamanetwork.com/journals/jamapsychiatry/article-abstract/2718629>

Reference # 2

<https://pubmed.ncbi.nlm.nih.gov/32811634/>

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