Developing Implementation-Ready Technology to Support Measurement-Based Care in Addiction Treatment

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Abstract

This "social paper" introduces the author's research on technology-enhanced addiction treatment.

Author Keywords

Addiction; treatment; progress monitoring

ACM Classification Keywords

 Human-centered computing~Empirical studies in HCI

Overview

Substance use disorders (SUDs) are a major public health concern. Research in general mental health (not SUD-focused) has shown that routinely measuring and reviewing quantitative indices of patients' treatment progress – also known as measurement-based care (MBC) – improves clinical decision-making, patientprovider collaboration, and clinical outcomes (Hallgren et al., 2017). The author is currently working with public and privately-funded SUD treatment clinics to extend this work by designing and testing digital technology that will support MBC in the context of SUD treatment. Research will aim to understand clinicians' workflows, treatment approaches, and desires around MBC technology. Feasibility, usability, and usefulness of the new MBC technology will be evaluated in a small pilot study with frontline clinicians and patients in addiction treatment. This research is supported by the National Institute on Alcoholism and Alcohol Abuse (NIAAA).

References

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