1. Record Nr. UNINA9910822796703321 **Titolo** Behavioral healthcare and technology: using science-based innovations to transform practice / / edited by Lisa A. Marsch, Sarah E. Lord, Jesse Dallery Oxford, [England];; New York, New York:,: Oxford University Press,, Pubbl/distr/stampa ©2015 **ISBN** 0-19-931404-7 0-19-022586-6 0-19-931403-9 Descrizione fisica 1 online resource (369 p.) Disciplina 616.8900285 Soggetti Biomedical Technology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Behavioral Healthcare and Technology; Copyright; Contents; Introduction; Section I Models for Developing Technology-Based Therapeutic Tools Targeting Behavioral Health; 1 Technology and the Stage Model of Behavioral Intervention Development; 2 Theoretical Models to Inform Technology-Based Health Behavior Interventions; Section II Evidence-Based Approaches to Harnessing Technology to Promote Behavioral Health; 3 Behavioral Monitoring and Assessment via Mobile Sensing Technologies: 4 Technology-Based Behavioral Interventions for Alcohol and Drug Use Problems 5 Using Behavioral Intervention Technologies to Reduce the Burden of Mood and Anxiety Disorders6 Technologies for People with Serious Mental Illness; 7 Applying Technology to Medication Management and Adherence: 8 Technological Approaches to Assess and Treat Cigarette Smoking: 9 Technology-Based Interventions to Promote Diet, Exercise. and Weight Control; 10 Evidence-Based Approaches to Harnessing Technology to Provide Social-Emotional Support; Section III Methods for the Evaluation of Technology-Based Behavioral Healthcare; 11 mHealth

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Sommario/riassunto

In recent years, there has been an explosion of research focused on using technology in health care, including web- and mobile- health assessment and intervention tools, as well as smartphone sensors and smart environments for monitoring and promoting health behavior. This work has shown that technology-based therapeutic tools offer considerable promise for monitoring and responding to individuals" health behavior in real-time. They may also function as important ""clinician-extenders"" or stand-alone tools, may be cost-effective and may offer countless opportunities for tailoring behavioral