1. Record Nr. UNINA9910380735203321 Autore Brew-Sam Nicola Titolo App Use and Patient Empowerment in Diabetes Self-Management: Advancing Theory-Guided mHealth Research / / by Nicola Brew-Sam Pubbl/distr/stampa Wiesbaden: .: Springer Fachmedien Wiesbaden: .: Imprint: Springer. . 2020 **ISBN** 3-658-29357-8 Edizione [1st ed. 2020.] 1 online resource (XXIV, 303 p. 11 illus., 1 illus. in color.) Descrizione fisica Disciplina 616.46206 Soggetti Diabetes Health informatics **Health Informatics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Defining and Categorizing Diabetes Apps for Self-Management --Nota di contenuto Anteceding Factors of Diabetes App Use -- Empowerment and its Relevance for Diabetes Management. Patient empowerment is examined as a multi-dimensional factor Sommario/riassunto influencing the use of diabetes self-management apps. The research design includes three studies conducted in Singapore. Study 1 examines how features of diabetes self-management apps correspond with theoretical indicators of empowerment, as well as app quality. Study 2 uses semi-structured face-to-face interviews with diabetes patients to draw first conclusions about the relevance of empowerment for diabetes app use. Study 3 includes an online patient survey, and uses cluster analytical methods to test the preliminary Study 2 results (typology of app use), as well as binary logistic regression to compare the strength of influence of various anteceding factors on the likelihood of diabetes app use. The studies show that especially the support by private social patient networks and the medical specialties of supervising physicians play a crucial role for technology-supported self-management. Contents Defining and Categorizing Diabetes Apps

> for Self-Management Anteceding Factors of Diabetes App Use Empowerment and its Relevance for Diabetes Management Target Groups Researchers, students and practitioners in the fields of Public

Health, Medicine, Health Communication, Endocrinology, Diabetes Care, Epidemiology, Health Management The Author Dr. Nicola Brew-Sam holds an MA in health communication (UZH Zurich) and a Ph.D. from University of Erfurt (Germany) in cooperation with Nanyang Technological University (Singapore).