1. Record Nr. UNINA9910135424603321 **Titolo** IEEE Std 11073-10419-2015: IEEE Health informatics- Personal health device communication- Part 10419: Device Specialization- Insulin Pump // Institute of Electrical and Electronics Engineers New York:,: IEEE,, 2015 Pubbl/distr/stampa **ISBN** 0-7381-9610-X Descrizione fisica 1 online resource (122 pages): illustrations Disciplina 616.46206 Soggetti Insulin pumps Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Within the context of the ISO/IEEE 11073 family of standards for device Sommario/riassunto communication, a normative definition of communication between personal telehealth insulin pump devices and compute engines (e.g., cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability, is established in this standard. Appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards are leveraged. The use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability are specified. A common core of communication functionality for personal telehealth insulin pump devices is defined.