

1. Record Nr.	UNISA996575150703316
Titolo	11073-10404-2022 - IEEE/ISO International Standard--Health informatics--Device interoperability . Part 10404 Personal health device communication--Device specialization--Pulse oximeter / / Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York, USA : , : IEEE, , 2022
ISBN	1-5044-9233-1
Descrizione fisica	1 online resource (86 pages)
Disciplina	612.12
Soggetti	Pulse oximeters
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Within the context of the ISO/IEEE 11073 family of standards for device communication, this standard establishes a normative definition of communication between personal telehealth pulse oximetry 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. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. This standard defines a common core of communication functionality for personal telehealth pulse oximeters.</p>