

Special Issue

Digital Health Technologies for Rehabilitation and Physical Therapy

Message from the Guest Editors

Digital Health Technologies (DHTs) are changing the way that clinical assessment and rehabilitation are conducted, adding more tools to the therapeutic toolkit. Therefore, it is vital that clinicians have valid and reliable DHTs for rehabilitation to provide high-quality healthcare that is effective and efficient. DHTs come in many forms, including wearable sensors and mobile smart devices or applications which require analytical and clinical validation specific to the context of use. Topic areas of interest include, but are not limited to, the following: Validation and use of DHTs for relevant outcome measurement to inform rehabilitation interventions, Novel artificial intelligence or machine learning techniques to process DHT data to inform rehabilitation, DHTs of interest may include non-contact, mobile, or wearable sensors, including radar/radio wave sensors, video or image analysis, smart phone/tablet applications, accelerometers/gyroscopes, eye trackers, electroencephalograms, functional near-infrared spectroscopy, Digital therapeutics, such as mobile Health (mHealth), Telehealth, digital cueing, exergaming, virtual reality, augmented reality, or other interventions.

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