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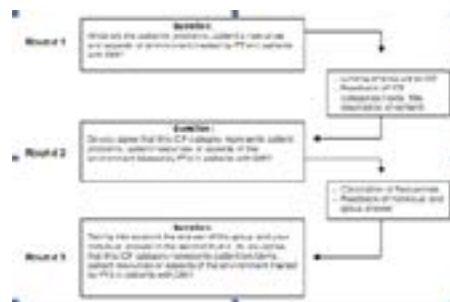
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Smart health application for rehabilitation (SHAR): The application of international classification of functioning, disability and health (ICF) diabetes mellitus core set in health information system

The “Comprehensive ICF Core Set for Diabetes Mellitus” is an application of the International Classification of Functioning, Disability and Health (ICF) and represents the typical spectrum of problems in functioning in patients with diabetes mellitus (DM). The International Classification of Functioning, Disability and Health (ICF) are a framework for describing and organizing information on functioning and disability. It provides a standard language and a conceptual basis for the definition and measurement of health and disability. The aim of this study is to present a call to action framework using validated ICF Core Set for DM from the perspectives of physical therapists (PT) in Health Information System

(HIS). Twenty-two PTs, from 11 countries, answered 1st round, 23 PTs completed the second and third Delphi rounds. PTs reached consensus on 49 ICF categories. 36/49 (73%) ICF categories are represented in the ICF Core Set for DM, while 13/49 (27%) categories are not represented in the ICF Core Set for DM. 5 concepts were linked to the ICF component of Personal Factors, which is not yet classified into detailed categories. The validity of the ICF Core Set for DM from the perspective of PTs was supported. The ICF appears to provide an effective framework for PTs in the field of DM. Therefore, it is worth using such framework in HIS and applies it in clinical practice (fig1).



Biography

Hamzeh Awad has completed his PhD at the age of 30 from the University of Munich, Germany and worked in Healthcare Operation and System, Planning and Development, Disability, Rehabilitation, Diabetes and eHealth in different countries such as Germany, Belgium, Jordan, Saudi Arabia, UK and UAE. Further; he was appointed as a Researcher at WHO center in Munich, Researcher at University Hospital of Technical University of Dresden, Assistant Prof. at King Saud University in Riyadh, and Research and Clinical programs Development Manager at Prince Sultan Rehabilitation City, KSA. He appointed as Associate Professor in Health Science Department at Al Khawarizmi International College (KIC) in Abu Dhabi and Adjunct Faculty member in Public Health Department, Abu Dhabi University, UAE and Senior eHealth consultant at e-Point, Belgium (Founder of SEHA eHealth). Recently, he started his new role in academia at Higher College of Technology (HCT) teaching Health Information Management (HIM). He has several publications in ISI journals and chapters in Books and keynote speaker in several international conferences. He has several international collaborations with different research groups in Healthcare system, Physical therapy and Rehabilitation, Diabetes, Health Information Technology, Health Management and eHealth.

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