***CURRICULUM VITAE (C.V. Dr. Hamzeh Awad, PT, MSc,PhD)***

1. **ACADEMIC HISTORY**

**1.1. Personal details:**

Name: Hamzeh J. Awad

Date of birth: 24/05/1981

Material status: Married

Sex: Male

Nationality: Jordanian

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linkedin:Dr. Hamzeh.j Awad, PT, MSc, PhD.

**1.2.Education:**

* BSc in Physical Therapy (P.T) From Hashemite University in Jordan, 2003, included 1000 hours internship.
* MSc by Research in Rehabilitation. Thesis: Randomized Clinical Trial for the evaluation of a Novel Boot for the Management of Diabetes related Ischemic Foot Ulcers. Institute for Health and Rehabilitation Sciences. Salford University, Manchester/UK, 2006.
* PhD. Thesis in Rehabilitation: The International Classification of Function, Disability and Health: The perspectives of physical therapists in Diabetes. Institute for Health and Rehabilitation Sciences, WHO-ICF centre, School of Medicine, Ludwig-Maximilian University (LMU), Munich, Germany. 2011.

**1.3.Languages:**

* Arabic: Native.
* English: Fluent.
* German: Good.

1. **RESIDENT INSTRUCTION**

**2.1. Courses and Workshops teaching activities (2004-2013)**

* Experimental research design (1 month course). Jordan University, King Abdullah II Fund for Development (KAFD), April 2004.
* International Classification of Function, Disability and Health (2 days workshop). King Saud University and King Fahad Medical City, Riyadh/KSA. March 2013.
* International Classification of Function, Disability and Health course (2 days course). Prince Sultan Bin Abdulaziz Humanitarian City for Rehabilitation, Riyadh/KSA. September 2013.
* Diabetes and Disability (**DI**ability) Workshop (1 day course). The roles of health care professionals’ in clinical practice and research for diabetes and diabetic foot. King Khalid Hospital, Riyadh/KSA. February 2014.
* Several courses related to International Classification of Function, Disability and Health in clinical and research settings in KSA and Jordan.
* Research and quality management in practice.
* Transferring research to practice and train the trainers to apply evidence based practice.

**2.2. University Advising (2013)**

* Co-supervisor for 2 Master dissertations. Two students from ***Technical University of Munich (TUM)/ Germany*** applied their work in Saudi Arabia. The 2 master projects are related to clinical assessment of lifestyle risk factors for type 2 diabetic and non-diabetic female citizens of Saudi Arabia. The 2 thesis’s were accepted and approved by the TUM and the two students awarded their Master degree and now in process of manuscripts submission to ISI journal.

1. **EMPLOYMENT AND PROFESSIONAL COURSES (August 2003 to Present).**

**3.1. Courses and internship attended**

* Course organized by Accelerated Care Plus (ACP)/ USA. Course related to Physical agent modalities, Pain management, wound healing. From (24-27/04/2013).
* Quality management in specialty programs (KSA 2015).
* Internship in physiotherapy centre, Munich, May 2011.
* Diabetes prevention from different perspectives (internship), Germany. From July 2009 to January 2010.
* Public Health Evidence Based, run by Prof. Browson, CDC, USA. This Workshop took place in Austria, May 2009.
* Course in leadership, motivation and facilitation of communication, collaboration and team performance. LMU, Munich Germany, March 2009.
* Systematic Review workshop, ICF centre, Ludwig-Maximilian University (LMU), Munich, Germany. January 2009.
* Course in Systematic Review: Methods and Interpretation at the University of Oxford Brookes. The course started from 10th – 14th July 2006.
* Advanced Research Design Module at the University of Oxford Brookes, Oxford. The course started January 2006 until mid-April 2006.
* Attended student work at North Manchester Hospital, Diabetes Centre, Manchester /UK.
* Level 4 course in Research Methods at the University of Salford, UK. This course started in October 2004 and Finished in December 2004.
* Course in “Research Skills” (advanced course) at Jordan University in March 2004.
* Member of the foot care team at Jordan University Hospital and Diabetic Foot Clinic from August 2003- May 2004.

**3.2. Academic Employment (2003-present):**

* From 2003 to 2004: Jordan University Hospital and Hamdy Manko Research Centre in Jordan as a clinical research assistant. My responsibilities were focused on clinical trial related to diabetic foot ulcer research and evidence based therapy.
* From Jan 2006 for one year: Oxford Brookes University collaborating with Oxford University, Physiotherapy Department as a research assistant. My responsibilities were related to Clinical Outcomes Measurement in Physiotherapy Clinical and Research Practice.
* 2010 for one year: Clinical Trail Researcher at Dresden university hospital, International Diabetes prevention.
* From March 2012 for 2 years: *Assistant Professor as well as Research and program development* at College of Applied Medical Sciences, Physical therapy and Rehabilitation, King Saud University, Riyadh/KSA. In addition to teaching in rehabilitation and public health duties, I did act as a principal investigator and projects manager in research for different national and international applied research projects in *Rehabilitation, Diabetes, primary healthcare and public health*, Here the projects i am leading:

1. Diabetes type 2 screening (DIARISK Riyadh-Amman project). With Clinical application for diabetes prevention.(finished) just ***accepted by journal Medicine with impact factor 5.7***
2. Diabetes prevention in physiotherapy and rehab practice: addressing role of physiotherapy in prevention. (finished)
3. Role of physical activities, quality of life and cultural context: Arabic perspective. (submitted for publication)
4. Review article for diabetic foot, ICF coding and physical therapy.(in process)
5. Teaching and training courses related to WHO-ICF modules, metabolic disorders (i.e. diabetes and foot in diabetes), physical therapists and rehabilitation as public health practitioners. (In GCC countries and Jordan).
6. Supervise higher degree students and research consultation.

***Recent Position:***

I worked as a *Research and Clinical Rehabilitation Programs Development Manager* at Prince Sultan bin Abdul Aziz Humanitarian City (SBAHC), Riyadh/KSA, the biggest rehabilitation city in its type in the Middle East region. As a manager for research and programs development, I have worked as a manager and consultant of health research infrastructure; perform administrative and management work in leading Rehab services programs and Rehab members, build new ideas and programs, development of clinical specialty programs to use recent evidence based practice and research in Spinal Cord Injury, Stroke, Amputee, Brian Injury and cardio-metabolic rehabilitation to meet JCIA and CARF standards, training at all levels related to rehab evidence, outcomes measurements, research competencies for member staff and build applied research activities and link it with research institutes and gain grants.

I have worked in establishment of research in the city, re-infrastructure their research centre and shift its activities from basic research to rehab research, build capacity for their member staff, apply research into practice, training for knowledge as well as application using the WHO framework ICF as the gold standard model for rehab and disability, build coding system with IT using ICF, use it as a framework for disability and rehab specialty programs. Furthermore, building international collaboration and improve the quality of management, clinical pathways and linking evidence to practice. Last but not least I have just built a special model for Rehab unique in its type for rehabilitation and address the role of ICF, Assistive Technology into practice, Quality management, Rehab services and Education. I am always willing to be invited to present my model and use it as a business idea for rehabilitation consultation at rehab centre, hospital and city in the middle east and worldwide.

Further, I established the role of Rehabilitation in cardio-metabolic disorders as a program, competencies, clinical and research in the city. I participated in development of Diabetes program and diabetic foot unit. I provide consultation for all rehabilitation programs (Stroke, Spinal Cord Injury, Amputee (diabetic and non diabetic), Traumatic Brain Injury, Diabetes, cardio and Obesity programs) to meet international standards, prevention role and evidence based practice. Furthermore, I was centrally involved in improvement projects related to home healthcare program and applying eHealth and virtual rehabilitation in clinical services.

***Current position since 2015-now:***

- Associate Professor in Health Science and Health Information Management at Al Khawarizmi international college. Main duties as the following:

1- Teaching Public Health, Health information technology, Electronic health record.

2- Research and administrative work in Healthcare, Health management and Public health.

- Founder of Smart Electronic Health Application (SEHA) is Leading the application of icloud of Tele-monitoring for public health in general; diabetes, prediabetes, obesity prevention and management in particular with partnership with e-Point Belgium. Our work domain is related to Tele-monitoring, certifications and development, and innovation. I am working to improve the quality of care for clinics, hospitals, IT, and Lifestyle clinics in terms of consultations and services.

We are centrally engaged in connecting patients with their healthcare providers, monitoring their disease, lifestyle, build performance improvement certification, training for healthcare providers to apply technology in healthcare. We are providing consultation in research and performance improvement in Healthcare; apply eHealth application in fields of metabolic disorders, rehabilitation, and disability.

1. **SCHOLARLY ACTIVITIES**

**4.1. Journal Publications:**

* [Younes NA](http://www.ncbi.nlm.nih.gov/pubmed?term=Younes%20NA%255BAuthor%255D&cauthor=true&cauthor_uid=15218204), [Albsoul AM](http://www.ncbi.nlm.nih.gov/pubmed?term=Albsoul%20AM%255BAuthor%255D&cauthor=true&cauthor_uid=15218204), [Awad H](http://www.ncbi.nlm.nih.gov/pubmed?term=Awad%20H%255BAuthor%255D&cauthor=true&cauthor_uid=15218204)**.** Diabetic heel ulcers: a major risk factor for lower extremity amputation. [Ostomy Wound Manage.](http://www.ncbi.nlm.nih.gov/pubmed/?term=%E2%80%A2%2509Diabetic+Heel+Ulcer%253A+A+Major+Risk+Factor+for+Lower+Extremity+Amputation%252C+Ostomy+Wound+Management%252C+June+2004%252C+Vol+50%252C+Issue+6.) 2004 Jun;50(6):50-60.
* [Dean E](http://www.ncbi.nlm.nih.gov/pubmed?term=Dean%20E%255BAuthor%255D&cauthor=true&cauthor_uid=21423684), [Lomi C](http://www.ncbi.nlm.nih.gov/pubmed?term=Lomi%20C%255BAuthor%255D&cauthor=true&cauthor_uid=21423684), [Bruno S](http://www.ncbi.nlm.nih.gov/pubmed?term=Bruno%20S%255BAuthor%255D&cauthor=true&cauthor_uid=21423684), [Awad H](http://www.ncbi.nlm.nih.gov/pubmed?term=Awad%20H%255BAuthor%255D&cauthor=true&cauthor_uid=21423684), [O'Donoghue G](http://www.ncbi.nlm.nih.gov/pubmed?term=O'Donoghue%20G%255BAuthor%255D&cauthor=true&cauthor_uid=21423684). Addressing the common pathway underlying hypertension and diabetes in people who are obese: The Ultimate knowledge translation gap. International Journal of Hypertension 2011 Mar 6; 2011:835805. doi: 10.4061/2011/835805.
* Awad H,[Dean E](http://www.ncbi.nlm.nih.gov/pubmed?term=Dean%20E%255BAuthor%255D&cauthor=true&cauthor_uid=21423684). Diabetes prevention: the perspective of Physical therapy. Editorial in diabetes newsletter ([Network Active in Diabetes Preventi](http://www.facebook.com/NetworkDiabetesPrevention)on) , 2009.
* **Awad H,** Alghadir A. Validation of the Comprehensive International Classification of Function, Disability and Health Core Set for Diabetes Mellitus: The perspectives of physical therapists. American Journal for Physical Medicine and Rehabilitation 2013 Jun 26.
* Ahmad Alghadir; Hamzeh Awad, et al. Diabetes Risk 10 Years Forecast in The Capital of Saudi Arabia: Canadian Diabetes Risk Assessment Questionnaire (CANRISK) perspective. Biomedical Research 2014, 25(1):88-96.
* In process of 2 manuscripts publication to ISI journals. Lifestyle , obesity and cardio-diabetic physical activity toward prevention in Arabic community (Expect to be published within the year of (2016).
* ArabRisk for diabetes prevention. In press (Medicine) impact factor 5.7.

**4.2. World Congress:**

* Diabetes prevention and management in physical therapy practice: A call to action. (Oral presentation, American diabetes association **(ADA)**, 2013).
* The Prevention of Type 2 Diabetes Mellitus: A Primary Role for Physical Therapists. (Poster presentation, World Congress on Prevention of Diabetes and its complications (**WCPD)**, 2010).
* The cultural context in diabetes prevention: Culture perspective. (Poster presentation, World Congress on Prevention of Diabetes and its complications (**WCPD)**, 2010).
* Practical diabetic foot conference, London, June 2005. (Attendance)
* Diabetes UK conference, Scotland April, 2005. (Attendance)
* Diabetic foot conference, Scotland March, 2005. (Attendance)
* Arab health congress- Dubai 2014.
* The model of “What” and Evidence based Rehabilitation setting at Sultan Bin Abdul Aziz Humanitarian City. A call to action. 4th International conference on Disability & Rehabilitation, October 2014, Riyadh/KSA.
* International classification of functioning, disability and health (ICF) and its implementation in Sultan Bin Abdul Aziz Humanitarian city: A prototype for the rehabilitation specialists programs. 4th International conference on Disability & Rehabilitation, October 2014, Riyadh/KSA.
* The International Classification of Functioning, Disability and Health (ICF) as a Problem solving tool in Disability Rehabilitation and Education Alliance in Metabolic Disorders (DREAM) at Sultan Bin Abdul Aziz Humanitarian city: A prototype for rehabilitation. International Conference on Physical Therapy and Rehabilitation Sciences-23-24-jan-2015/ Paris/France.
* American Congress for Rehabilitation Medicine (ACRM), Toronto, 7-11th October 2014.
* Ajman Healthcare Summit, Ajman, UAE. Guest speaker: international classification of functioning, disability and health in diabetes and diabetic foot. 5-7th March 2015.
* Co-chair of Physical medicine and rehabilitation, Arab Health, UAE, 2016.
* Co-chair and presenter at 15 global diabetes congress, Dubai, UAE, 2016.

**4.3. Research Collaboration:**

* *Partnership with e-point Belgium, eHealth EU.*
* *Strong collaboration with Oxford Brookes University, school of physiotherapy- UK for clinical and research projects.*
* *Rehabilitation and diabetes network in US, Canada, UK, and Germany as well as Middle East.*
* *American Congress of Rehabilitation medicine, Membership* ID is 094620*.*
* *Pervious memberships with Diabetes UK, Chartered Society of physiotherapy, UK.*

**4.4. Funds & Awards**

* Barbican '91 Fund, April 2005. Chartered Society of Physiotherapy UK (UK National Award).
* Diabetic Foot Ulcer Award, 2006. Wounds UK. (National Award).
* DAAD, 3 months Scholarship for international PhD students, LMU, Munich.
* PhD student (grant) by the Institute for health and rehabilitation, LMU for 1 year.

**4.5. Area of research and clinical skills and interests:**

* Operation management in healthcare and hospital infrastructure for in and outpatient services as well as home healthcare for specialty programs.
* Rehabilitation infrastructure and accredited programs by JCI and CARF.
* Health Information Technology and Public Health.
* Teach, train and manage research writing, publishing, grant proposals, and handle all research process from idea/proposal to publication.
* Management and establishment of rehabilitation clinical programs and special public health programs for cardio, diabetes and obesity.
* Leadership and management in Diabetes prevention and diabetic foot syndrome, Rehabilitation service at clinical and research levels.
* Disability and Health. (clinical research and teaching).
* Diabetes prevention and lifestyle programs and research.
* Managerial skills, team leader, evaluations, performance improvement, quality management (KPI’s) and recruitment.
* Consultations for clinical research and evidence based clinical models in healthcare, disability and rehabilitation settings programs.
* Lead successful delivery of healthcare development engagements with varied government and industrial stakeholders on the ground.
* High value of organization to add value to consultation to be converted to projects on the ground.
* Business development activities in public health, primary healthcare, rehabilitation and disability.
* High management skills in companies, hospitals and universities settings with high calibre to work over distance and lead team work and projects.
* Rehabilitation service and system, disability and research consultation. I developed a concept related to (WHAT) in Rehab: what are the patients problems for chronic disease, what are the outcome measure, and what are the best practice. Such model can improve the quality of care for patients and enhance the capacities for member staff to apply best practice.
* Build Quality indicators suitable for specialty programs and evidence based programs in Rehabilitation as well as Diabetes and Disability.
* Public health prevention and Information Technology.
* Clinical Trials and teaching and training the trainers in research and evidence based.
* Metabolic disorders (diabetes, CVD, obesity, sedentary lifestyle...), clinical research outline related to Diabetes prevention program as well as outline related to diabetic foot novel foot ulceration evidence based therapy.
* IT health and rehabilitation scaling systems, coding system and outcome measures in rehabilitation and disability.
* Assistive technology and virtual rehab in clinical and research practice.
* Clinical trials (RCT, Cohort studies,..) at all stages with excellent skills as project coordinator, principal investigator and trainer as well. Ability to work and communicate with different health professionals from different background and knowledge.
* Evidence based public health.
* Disability and health. Research outline related to disability-mobility and how to get disabled person integrated into active lifestyle.
* Very good computer skills and presentation skills.

**4.6. Key attributes**

* Enjoy consulting and management of medical and healthcare research, mainly: clinical services for best practice, clinical and non-clinical trials research (RCT, Cohort..), disability coding, public health, lifestyle conditions, mainly diabetes type 2 and diabetic foot.
* Applying eHealth applications to different healthcare sectors as well as building public health programs using eHealth applications.
* Teaching and training from students and professional healthcare staff.
* Quality Management skills, performance improvement project using IHI model, Gantt charts, strategic planning, implementation and monitoring.
* Enjoy teaching and supervising undergraduate and postgraduate students/member staff at different levels.
* Administrative and management work.
* Self-motivated person with well-developed project management, organization skills and IT skills combined with a flexible attitude to work.
* A critical thinker with strong analytical skills.
* Strong team-player and leader skills developed through work in clinical and research fields for number of years.
* Good organizational skills developed in a variety of deadline orientated situations
* Excellent communicating and managerial skills with staff.
* Get on well with people at all levels, cultures, easily making good working relationships.
* Have good presentation skills combining sound analytical research and clear verbal explanation to students and professionals.
* Strive for quality in everything I do.
* Love travelling to express my experience and gain more from other cultures, systems and languages.