

The Hashemite University.
P. O Box 330018
Zarqa, 13133, Jordan
E-mail abedmalty@hu.edu.jo

AHMaly, AbdulMajeed

Professional experience

9/9/2006 – now The Hashemite University Zarqa, Jordan

Assistance Professor

- Teach all levels of PT student and neuroscience classes for PT and OT students.
- Conducting scientific reaserch.

5/2003 – 7/2006 LLUMC Loma Linda, Ca

Staff Physical Therapist

- Evaluation and Treatment .
- Inpatient setting.
- Orthopedic, neurological, pediatric and cardiopulmonary cases.

6/2002 – 5/2003 United Therapy Network Colton, Ca

Staff Physical Therapist

- Evaluation and Treatment .
- Outpatient & inpatient setting.
- Orthopedic, Geriatric, neurological, pediatric and cardiopulmonary.

2000 - 2003 LLU Loma Linda, Ca

Graduate Assistance ship

- Graduate assistance with Professor Jerrold Petrofsky
- Assist with designing and assembling equipments for neurological and orthopedic research projects in physical therapist field.

11/1996 – 7/2000 Jordan university Hospital Jordan

Staff Physical Therapist

- Evaluation and Treatment..
- Inpatient and Out patient setting.
- Orthopedic, Neurological, Surgical and medical Units.

1/1993 – 9/1996 king Hussein Medical Center Jordan

Staff Physical Therapist (1/93-11/93)

- Evaluation and treatment.
- Inpatient setting.
- Spinal Cord Injury Unit.

Senior Physical Therapist (12/93-9/96)

- Clinical instructor (CI) for PTA students.
- Evaluation and Treatment.

- Inpatient and outpatient setting.
- Orthotic and Prosthetic Department.

9/1991 – 9/1992 King Saud University Hospital Saudi Arabia

Physical Therapy intern

- Orthopedic, Pediatric, Neurology, Burns, Medical, and surgical units.
- Inpatient and Outpatient setting.

Administration

11/2011-now The Hashemite University Zarqa, Jordan

Head & Program Director of Physical and occupational Therapy Department

9/2009-11/2011 The Hashemite University Zarqa, Jordan

Head & Program Director of Physical Therapy Department

2/2011- Now The Hashemite University Zarqa, Jordan

Additionally, Head of the Community Based Rhehab Center

10/2010-7/2011 The Hashemite University Zarqa, Jordan

Additionally, Head & Program Director Radiology Departments.

Professional Activities

6/2011-now Jordanian Physical Therapy Society Amman

Chairman of the JPTS

3/209-6/2011 Jordanian Physical Therapy Society Amman

Secretary General of JPTS

3/2007- 4/2008 Jordanian Physical Therapy Society Amman

Head of the Scientific committee for the JPTS

Education

9/2001 – 6/2006 Loma Linda university Loma Linda, Ca

PhD.

- Presently enrolled in PhD of Rehabilitation Science Program

9/2000 – 12/2001 Loma Linda university Loma Linda, Ca

PPMPT.

- I graduated from Post Professional Master of Physical therapy degree.

9/1987- 9/1991 King Saud university Saudi Arabia

B.Sc.

- Bachelor degree in Physical Therapy.

Journal Reviewer

- Journal Medical Science Monitor
- Journal of Diabetes
- Journal of Diabetes and Technology

**Additional
professional
Courses**

Jan.31-Feb 2/2011 Amman, Jordan
Mulligan Concept for Upper and Lower Quadrants Level A & B
▪ A workshop presented by Certified Mulligan Concept Teacher Mr. Gaetano Milazzo, Sponsored by Jordanian Physical Therapy Society

Nov., 28-30 2009 Amman, Jordan
McKenzie mechanical Diagnosis and therapy of spine Level A
▪ Workshop presented Sponsored by Jordanian Physiotherapy Society and The McKenzie institute international presented by Holdom, A., PT

June, 18 2008 Ontario, Canada
Pelvic Floor Muscle Function
▪ Workshop by Hodges, PT, PhD

April 18, 2008 Amman, Jordan
Constrained Induced Movement Therapy (CIMT)
▪ Three contact Hours Sponsored by Jordanian Physiotherapy Society – The 3rd International Scientific Conference and Presented by Sterr, A., Professor in Cognitive Neuroscience and Neropsychology, UK.

June 24 ,2007 Amman, Jordan
Special topics in Wheelchair seating for children
▪ Sponsored by Aya Center Special Education and Eleanore's Project, and presented by Kittelson-Aldred, T. MS, OTR, ATP, Monlana USA

September 15-17, 2002 Loma Linda, Ca, USA
Pediatric NDT Gait Course
▪ Twenty Four Contact Hours Sponsored by Loma Linda University Advance studies and Presented by Beeler, L. PT, PC. Loma Linda University, School of allied Health Professions.

March 24 – 26 /2002 Loma Linda, Ca, USA
Introduction to pediatric Neuro Development treatment (NDT),
▪ Twenty One Contact Hours Sponsored by Loma Linda University Advance studies and Presented by Beeler, L. PT, PCS, Loma Linda University, School of allied Health Professions.

10/1998 – 10/1999 Amman, Jordan
Speech Language Pathology
▪ 18 credit units of speech therapy at the master degree level. University of Jordan.

Conferences

June 18-21, 2008 Ontario, Canada
XVIIth Congress of the International Society of Electrophysiology and Kinesiology
▪ Posture Presentation of Local Heat Combined With Electrical Stimulation to Increase Skin Blood Flow: A Potential Modality for Wound Healing.

April 18-21, 2008 Amman, Jordan
The Third International Physical Therapy Society

- The Chairperson of the Scientific Committee

Grant Support:

**2009 Higher Education & Scientific Research
The effects of Dead Sea mud on EKG of The Lower Extremities
for Patient with Knees Osteoarthritis (82,000 JD)**

**2007 The Hashemite University
The effects of Electrical Stimulation on Skin properties (5000 JD)**

Languages

- Speak Arabic and English languages fluently.

Publication

- Hashem Abu Tariah, **Abdul - Majeed Almalty**, Ziad Sbeih, Saleh Al – Oraibi, **(2010)**.Constraint Induced Movement Therapy for Stroke Survivors in Jordan: Home-Based Model.International Journal of Therapy and Rehabilitation, 17(12): 638 - 646
- Al-N aami B, Bashir A, Amasha H, Al-Nabulsi J, **Almalty A (2009)**. Statistical Approach for Brain Cancer Classification Using a Region Growing Threshold. J Med Syst, 10.1007/s10916-009-9382-6.
- Bweir S, Al-Jarrah M, **Almalty AM**, Maayah M, Smirnova IV, Novikova L, Stehno-Bittel L **(2009)**. Resistance exercise training lowers HbA1c more than aerobic training in adults with type 2 diabetes. Diabetol Metab Syndr, 10;1:27.
- **Almalty AM**, Petrofsky JS, Al-Naami B, Al-Nabulsi J **(2009)**. An effective method for skin blood flow measurement using local heat combined with electrical stimulation. J Med Eng Technol.;33(8):663-9.
- **Abdul-Majeed Al Malty**; Jerrold Petrofsky; Sina Akhavan **(2008)**. Aging in Women: The Effect of Menopause on Skin Blood Flow and the Response to Electrical Stimulation. Physical & Occupational Therapy in Geriatrics: 27(2):139-159.
- Petrofsky JS, **Al-Malaty AM**, Prowse M **(2008)**. Relationship between multiple stimuli and skin blood flow. Med Sci Monit. 14(8):CR399-405.
- Petrofsky J, Lohman E, Lee S, de la Cuesta Z, Labial L, Iouciulescu R, Moseley B, Korson R, **Al Malty A. (2007)**.The effects of aging on the skin blood response to warm, cold, and contrast warm and cold baths. J Physical and Occupational Therapy in Geriatrics;23(2) 71-76.
- **Al Malty A**, Petrofsky JS **(2007)** T The effect of electrical stimulation on a normal skin blood flow in active young and older adults.. Med Sci Monit.;13(4):CR147-155.
- Petrofsky J, Lohman E 3rd, Lee S, de la Cuesta Z, Labial L, Iouciulescu R, Moseley B, Korson R, **Al Malty A (2007)**. Effects of contrast baths on skin blood flow on the dorsal and plantar foot in people with type 2 diabetes and age-matched controls. Physiother Theory Pract. 23(4) 189-97.
- Petrofsky, JS, **AlMalty, A.**, Suh, HyeJin **(2007)** Isometric Endurance ,

limb and skin blood flow during the menstrual cycle. E J Appl Physiol

- Petrofsky JS, Lohman E 3rd, Lee S, de la Cuesta Z, Labial L, Iouciulescu R, Moseley B, Korson R, **Al Malty A. (2006)**. The influence of alterations in room temperature on skin blood flow during contrast baths in patients with diabetes. Med. Sci Monit. 12(7): 290-5
- Petrofsky, J.S., Schwab, E., Cuneo, M., George, J., Kim, J., **AlMalty, A., Lawson, D. (2006)**. Current distribution under electrodes in relation to current and skin blood flow; are modern electrodes really providing the current during stimulation that we believe they are? Journal of Medical Engineering & Technology, Vol. 30, No. 6, November/December 2006, 368 – 38
- **Almalty, A., Lee, S., Petrofsky, JS. (2005)**. Improvement in Cutaneous Vascular Reactivity in Non-glabrous (Hairy) Skin of Patients with Type 2 diabetes after 1 Year Administration of Rosiglitazone. Diabetes, 529-P.
- Petrofsky JS, Stewart B, Patterson C, Cole M, **Al Malty A, Lee S (2005)**. Cardiovascular responses and endurance during isometric exercise in patients with Type 2 diabetes compared to control subjects. Med Sci Monit;11(10):CR470-7.
- Petrofsky J, Schwab E, Lo T, Cuneo M, George J, Kim J, **Al-Malty A (2005)**. Effects of electrical stimulation on skin blood flow in controls and in and around stage III and IV wounds in hairy and non hairy skin. Med Sci Monit. 11(7):CR309-16. .
- Petrofsky, JS, **AlMalty, A., Lee, S. (2005)** Improvement in Cutaneous Vascular Reactivity in Non-glabrous (Hairy) Skin of Patients with Type 2 diabetes after 1 Year Administration of Rosiglitazone. Europ Heart Journal 26;491-492
- Lawson, D., Petrofsky, J., Lee, **Almalty, A., Cohn, J., Loo, R., Marchis, G. (2005)**. Improvement in Glabrous Skin Perfusion with Heat Exposure and Electrical Stimulation in Diabetic Foot Wounds. Diabetes, 202-OR.
- Petrofsky, JS., Cole, M., Stuart, B., Patterson C., **Almalty, A., Lee S. (2005)**. Observation of Autonomic Cardiovascular Responses during Isometric Exercise in Patients with Diabetes Compared to Age Matched Control Subjects. Diabetes, 2303-PO.
- Petrofsky JS, Stewart B, Patterson C, Cole M, **Al Malty A, Lee S (2005)**. Cardiovascular responses and endurance during isometric exercise in patients with Type 2 diabetes compared to control subjects. Med Sci Monit. Oct;11(10):CR470-7.
- Cuneo M, Petrofsky J, Lee S. **Al-Malty A. (2005)** Efecto de Rosiglitazone en la circulación de reposos y dependiente del endotelio en sujetos con Diabetes tipo 2. Rev Soc Argent Diab, 39(4):3-9 .
- Cuneo, M., Petrofsky, J., Lee., S., **Al Malty, A. (2005)** Effects of Aging and Diabetes on Resting and Post Occlusive Hyperemia of the

Forearm; the Impact of Rosiglitazone J of Thai Med Assoc. s243-244

- Petrofsky, J.S., Morris, A., Bonacci, J., Bonilla, T., Jorritsma, R., **Almaly, A (2003)**. Comparison between anabdominal curl with times curls on a portable abdominal machine. J Appl Res, 3,394-401.

Research in progress:

- The short term and long term effects of electrical stimulation as a physical therapy modality on skin barrier prosperities.
- The effects of extra virgin olive oil on the pain for patients with Knee osteoarthritis.

References

Professor Jerrold Petrofsky, director of research.

Department of PT, School of Allied Heath Professions, LLU
Loma Linda, CA Tel. # (909) 558-7274

Lily C Young, RPT. PT department supervisor.

LLUMC, Loma Linda , Ca Tel # (909) 558-4000 / Ext. 45324