

# CURRICULUM VITAE

## PERSONAL DETAIL



## PROF. DR. LYDIA BINTI ABDUL LATIF

Department of Rehabilitation Medicine  
Faculty of Medicine

+603-79496595

+603-79674766

lydialatif@um.edu.my

Department of Rehabilitation Medicine, Faculty of Medicine, University of Malaya, 50603 Kuala Lumpur, W.Persekutuan Kuala Lumpur, Malaysia

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## BIBLIOMETRIC DATA

Total Articles in Publication List	16 ( <a href="http://www.researcherid.com/citation/B-8894-2010">http://www.researcherid.com/citation/B-8894-2010</a> )
Articles With Citation Data	16 ( <a href="http://www.researcherid.com/citation/B-8894-2010">http://www.researcherid.com/citation/B-8894-2010</a> )
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Average Citations per Article	19.06 ( <a href="http://www.researcherid.com/citation/B-8894-2010">http://www.researcherid.com/citation/B-8894-2010</a> )
h-index	7 ( <a href="http://www.researcherid.com/citation/B-8894-2010">http://www.researcherid.com/citation/B-8894-2010</a> )
Co-authors	Collaboration Network ( <a href="http://labs.researcherid.com/mashlets/rid/mashletsServer.jsp?rid=B-8894-2010&amp;mid=CollaborationNetwork">http://labs.researcherid.com/mashlets/rid/mashletsServer.jsp?rid=B-8894-2010&amp;mid=CollaborationNetwork</a> )
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## ACADEMIC QUALIFICATION

(Qualification), (Institution).

Research Fellow(Neuromodulation),Harvard Medical School, HARVARD UNIVERSITY, CAMBRIDGE
Grad Cert Med Acu, HARVARD UNIVERSITY, CAMBRIDGE
Masters Rehabilitation Medicine, UNIVERSITY OF MALAYA (UM)
Lower Limb Prosthetic UNSW, UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA
MBBS, UNIVERSITY OF MALAYA (UM)

**PROFESSIONAL**

(Organisation), (Role), (Year), (Level).

International Society of Prosthetic and Orthotic, Member, 2005 to 2009, (International)
World Federation For Neurorehabilitation, Member, 2006 to 2009, (International)
International Society of Physical Medicine And Rehabilitation, Member, 2007 to 2009, (International)
INTERNATIONAL SOCIETY OF PHYSICAL AND REHABILITATION MEDICINE, Council Member, 2012 to 2014, (International)
International Society Physical Rehabilitation Medicine (ISPRM) 10th World Congress, Chairman, 2013 to 2016, (International)
Malaysian Association of Rehabilitation Physicians (MARP), Committee Members, 2014 to 2016, (National)
International Society of Physical and Rehabilitation Medicine, Committee Members, 2016 to 2018, (International)

**ADMINISTRATIVE DUTIES**

(Role), (Level), (Start date),(End Date).

Head of Department, Rehabilitation Medicine, Faculty of Medicine, 01/08/2016 to 30/06/2018
Head of Department, Rehabilitation Medicine, Faculty of Medicine, 18/02/2016 to 31/07/2016
Head of Department, Rehabilitation Medicine, Faculty of Medicine, 01/07/2012 to 31/08/2012
Acting Head of Department, Rehabilitation Medicine, Faculty of Medicine, 01/06/2012 to 30/06/2012
Chairman/Ketua Bidang Kepakaran Perubatan Pemulihan MQA , National, 07/10/2017 to 07/10/2018 (Ketua Bidang Kepakaran Perubatan Pemulihan MQA)
Ahli Jawatankuasa Panel Penilai Luar untuk Bidang Sains dan Teknologi, University Malaya, 01/06/2017 to 01/06/2019
Ketua Conjoint Board for Rehabilitation Medicine, National, 19/05/2017 to 31/12/2018 (Ketua Conjoint Board for Rehabilitation Medicine)
Panel untuk Ex Gratia University Malaya, University Malaya, 01/01/2016 to 31/03/2018 (Panel Ex Gratia)
Ahli Jawatankuasa Hubungan antarabangsa Dan alumni Fakulti Perubatan, Faculty, 26/05/2015
Programme Coordinator, Faculty, 01/07/2014 (Programme Coordinator for Master Rehabilitation and representative to JKIFTP)
Panel Officer for Ex Gratia Scheme for UM Disability assessment 2012/2013, University Malaya, 05/11/2012 to 05/11/2013
Main Committee Member for FOM 50th Anniversary celebration, Faculty, 08/08/2012
Clinical Coordinator for Biomedical Engineering P&O program, Faculty, 02/06/2008 to 01/06/2009
Coordinator for research symposium, University Malaya, 03/03/2008 to 16/05/2008 ( UM and Uni Sydney research symposium)
Coordinator for Dept CME activities, Faculty, 02/05/2005 (Till now)
Head of Department, Faculty, 13/09/2004 to 19/09/2004 (Acting Head)
Head of Department, Faculty, 12/07/2004 to 16/07/2004 (Acting Head)
Penggubal soalan PTK, Faculty, 01/05/2004
Lecturer in charge for Prosthetic and Orthotic Hospital Technical Committee, Faculty, 24/01/2003 (Till now)

Coordinator for Part 1 and Part 2 Masters exam, Faculty, 24/01/2003 (Two exam session/per year sincee 2003 till now)

Research Coordinator, Faculty, 24/01/2003 (Till now)

## AREAS OF EXPERTISE

(Area).

Neurorehabilitation (Neuro Recovery; Non Invasive Brain Stimulation Rehabilitation)

Rehabilitation (Cardiac rehabilitation)

Innovations in Prosthetic and Orthotics (Innovations for low cost prosthetics)

Medical Acupuncture and Pain (Medical acupuncture for neuromusculoskeletal and pain management)


Neurorehabilitation (Neurorehabilitaton in the area of Neuromodulation, Plasticity and Non invasive brain stimulation)

## RECENT SELECTED PUBLICATIONS

(Publication).

### Chapter in Book

**2017**

Lydia Abdul Latif Motor Neuron Diseases 279  (public\_view.php?type=publication&row=NjYwNDE%3D)

### Article in Academic Journals

**2018**

Engkasan, JP., Stucki, G., Ali, S., Mohd Yusof, Y., Hussain, H., Abdul Latif, L. Implementation of Clinical Quality Management for Rehabilitation in Malaysia. J Rehabil Med 2018. Epub ahead of print. doi: 10.2340/16501977-2283. (ISI-Indexed) (*ISI-Indexed*)

**2017**

Mustafah, Nadia Mohda; b; \* | Kasim, Sazzlic | Isa, Mohamad Rodid | Hanapiah, Fazah Akhtara; e | Abdul Latif, Lydia b Predicting return to work following a cardiac event in Malaysia (*Non-ISI/Non-SCOPUS*)

Bijan Forogh1, Tannaz Ahadi1, Maryam Nazari1, Simin Sajadi1, Lydia Abdul Latif2, Seyed Majid Akhavan Hejazi2, Gholamreza Raissi1\* (*SCOPUS-Indexed*)

Engkasan, Julia Patrick MRehabMed(Mal), MBBS(Mal); Hasnan, Nazirah PhD, MRehabMed(Mal), MBBS(Mal); Mohd Yusof, Yusniza MrehabMed(Mal), MBBS(Mal); Abdul Latif, Lydia MrehabMed(Mal), MBBS(Mal) (*ISI-Indexed*)

Nugraha B, Paternostro-Sluga T, Schuhfried O, Stucki G, Franchignoni F, Latif LA, Engkasan JP, Omar Z, Gutenbrunner C. Evaluation of the topic lists used in two world Congresses (2015 and 2016) in Physical and Rehabilitation Medicine. J Rehabil Med. 2017 May 24. doi: 10.2340/16501977-2232. (*ISI-Indexed*)

**2016**

Mohanasuntharaam NADARAJAH 1, Mazlina MAZLAN 1, Lydia ABDUL-LATIF 1, Hui T. GOH 2 (*ISI-Indexed*)


Fauzi AA, Chung TY & Latif LA. 2016. Risk factors of diabetic foot Charcot arthropathy: a case-control study at a Malaysian tertiary care centre. Singapore Med J 2016; 57(4): 198-203. doi: 10.11622/smedj.2016074 (*ISI-Indexed*)

## 2015

Aftereffects of 2 Noninvasive Brain Stimulation Techniques on Corticospinal Excitability in Persons With Chronic Stroke: A Pilot Study Author(s): Goh, H. T.; Chan, H. Y.; Abdul-Latif, L. Source: Journal of Neurologic Physical Therapy Volume: 39 Issue: 1 Pages: 15-22 Published: 2015 (*ISI-Indexed*)

Khonsari S, Subramanian P, Chinna K, Latif LA, Lee WL and Gholami O. (2013). Effect of a reminder system using an automated short message service on medication adherence following acute coronary syndrome. European Journal of Cardiovascular Nursing (eprint published online 2 Feb 2014)DOI: 10.1177/1474515114521910 (*ISI-Indexed*)

## 2014


Qing Mei Wanga,1, Huashun Cuib,c,1, Soo Jeong Hanc,e, Randie Black-Schaffera, Magdalena Sarah Volzc,d, Yong- Tae Leea, Seth Hermana, Lydia Abul Latifc,f, Ross Zafontea, Felipe Fregnic,\*Combination of transcranial direct current stimulation and methylphenidate in subacute stroke Neuroscience Letters 569 (2014) 6-11 (*ISI-Indexed*)  (public\_view.php?type=publication&row=Mzg2MTA%3D)

## 2013


Manaf, H., Justin, M., Goh, H.T., Abdul Latif, L. 2013. Comparison of gait parameters across three attentional loading conditions during Timed Up and Go test in stroke survivors. Topics in Stroke Rehabilitation (ISI/SCOPUS Cited Publication) (*ISI/SCOPUS Indexed Publication*)

E Lim1, G S H Chan2, S Dokos2, S C Ng3, L Abdul Latif4, S Vandenberghe5, M Karunanithi6, N H Lovell2 A cardiovascular mathematical model of graded head-up tilt (*ISI-Indexed*)

## 2012

Jay S. Reidler, Mariana E. Mendonca, Marcus B. Santana, Xiaoen Wang, Robert Lenkinski, Andrea F. Motta, Serge Marchand, Lydia Latif, Felipe Fregni, Effects of Motor Cortex Modulation and Descending Inhibitory Systems on Pain Thresholds in Healthy Subjects; The Journal of Pain (*ISI-Indexed*)  (public\_view.php?type=publication&row=MTY4MTE%3D)

## 2011

Mohd Faudzi Abdullah, Norsiah Mohd Nor, Siti Zubaidah Mohd Ali, Norizzati Bukhary Ismail Bukhary, Azlin Amat, Lydia Abdul Latif, Nazirah Hasnan, Zaliha Omar; Validation of the Comprehensive ICF Core Sets for Diabetes Mellitus: A Malaysian Perspective, Annals, Academy of Medicine, Singapore (*ISI-Indexed*)  (public\_view.php?type=publication&row=MTY4MTI%3D)


Nadia Bolognini, Giuseppe Vallar, Carlotta Casati, Lydia Abdul Latif, Rasheda El-Nazer, Julie Williams, Elisabetta Banco, Debora M. Duarte, Luigi Tesio, Cecilia Chessa, Felipe Fregni, Neurophysiological and behavioural effects of tDCS combined with Constraint Induced Movement Therapy. Accepted for publication in Neurorehabilitation and Neural Repair (*ISI-Indexed*)

K Ramakrishnan, M Mazlan, PE Julia and L Abdul Latif. Return to work after spinal cord injury: factors related to time to first job. Spinal Cord. 2011;49: 924-927 (*ISI-Indexed*)

Bani Hashim, A.Y., Abu Osman, N.A., Wan Abas, W.A.B., Abdul Latif, L. (2011) Approximating the relationship among the degree of the reaction forces and the nodes on footprint during a stance phase. Applied Mathematical Modelling. (Accepted for Publication) (ISI-Cited Publication) (*ISI-Indexed*)

## 2010

Ahamad Yusairi Bani Hashim, Noor Azuan Abu Osman, Wan Abu Bakar Wan Abas, Lydia Abdul Latif (2010). Analysis of Shalat Gait, Int. J. Open Problems Compt. Math., Vol. 3, No. 4,552-562 December. (*Non-ISI/Non-SCOPUS*)

Lydia Abdul Latif, MBBS, Jo Eduardo Daud Amadera, MD, Daniel Pimentel, MD, Thais Pimentel, VMD,Felipe Fregni,Md,PhD;Sample Size Calculation in Physical Medicine and Rehabilitation: A Systematic Review of Reporting, Characteristics, and Results in Randomized Controlled Trials; Arch Phys Med Rehabil. 2011 Feb;92(2):306-15 (*ISI-Indexed*)  (public\_view.php?type=publication&row=MTY4MTA%3D)

#### 2009

A.Y. Bani Hashim, N.A. Abu Osman, W.A.B. Wan Abas, and L. Abdul Latif;Evaluation of a Bio-Mechanism by Graphed Static Equilibrium Forces;World Academy of Science, Engineering and Technology 60 2009,805-808 (*ISI-Indexed*)

#### 2008

AA Abbas, JA Mohamad, AL Lydia, J George, L Selvaratnam, A Razif, WM Ng, JHP Hui, S Ab-Rahim, T Kamarul. Early Experience in Autologous Chondrocyte Transplantation: A Report of 2 Cases. J ASEAN Orthopaedic Association 2008 June; 19(1):13-21 (*Non-ISI/Non-SCOPUS*)

#### 2007

Maslina Yazid , Lydia Abdul Latif :Schooling Amongst Children With Disability Attending University Malaya Medical Center :Jurnal Pendidikan Versi Bahasa Inggeris Vol27(2), 149-162 (*Non-ISI/Non-SCOPUS*)

L Abd Latif, N Hasnan The applications of International Classification of Functioning, Disability and health (ICF) by World health organization (WHO) in Rehabilitation Medicine Practice,Journal of University of Malaya Medical Centre; JUMMEC Vol 10,2007,16-21 (*SCOPUS-Indexed*)

H.N. Shasmin, N.A Abu Osman, L. Abd Latif, J. Usman and W.A.B. Wan Abas. (2007) A New Pylon Materials in Transtibial Prosthesis: A Preliminary Study , Journal of Biomechanics, Vol 40, 297,ISSN 0021-9290. (ISI-Cited Publication) (*ISI-Indexed*)

#### 2006

L Abd Latif , Abd Rahim R,Omar Z,Disler P: Comparison of stroke rehabilitation outcome and services between rehabilitation unit in Australia and Acute Medical Wards in Malaysia,Journal Neurorehabilitation & Neural Repair(S1) Vol 20 ,2006, 120 (*ISI-Indexed*)

L Abd Latif Cardiac Rehabilitation In Malaysia Journal of Hong Kong College of Cardiology Dec 2006 Vol 14 ,S2 ,48- 50 ISSN 1027-7811 (*Non-ISI/Non-SCOPUS*)

#### Proceeding

#### 2017

R.L. Rosales a,b, K.J. Goh c, W. Kumthornthip d, M. Mazlan e, L. Abdul Latif e, M.M.D. De Los Santosa, C. Chotiyarnwong d, P. Tanvijit d, J.Balcaitiene f, P. Maisonobe f, K.H. Kong gEffect of early use of abobotulinumtoxinA (Dysport®) on time to post-stroke spasticity progression: Results of the ONTIME pilot study (*ISI-Indexed*)

#### 2008

S.S. Syed Shikh, N.A. Abu Osman and L. Abdul Latif, (2008),Development of an Alternative Socket Fabrication Method Using Hydrostatic Cast System: A Preliminary Study. Proceedings of the International Federation for Medical and Biological Engineering (IFMBE Proc.) Springer 2008; 21: 766-769. ISBN 978-3- 540-691389. (ISI-Cited Proc.) (*ISI-Indexed*)

H.N. Shasmin, N.A. Abu Osman and L. Abdul Latif, (2008),Comparison between Biomechanical Characteristics of Stainless Steel and Bamboo Pylons: A Preliminary Study. Proceedings of the International Federation for Medical and Biological Engineering (IFMBE Proc.) Springer 2008; 21: 851-853.

ISBN 978-3- 540-691389. (ISI-Cited Proc.)

H.N. Shasmin, N.A. Abu Osman and L. Abd Latif, (2008), Economical Tube Adapter Material in Below Knee Prosthesis. Proceedings of the International Federation for Medical and Biological Engineering (IFMBE Proc.) Springer 2008; 21: 407-410. ISBN 978-3-540-691389. (ISI-Cited Proc.)

#### **2007**

L Abd Latif Amputee Rehabilitation Malaysian Experience. The 4th Asia Pacific Conference on Diabetic Limb Problems Nov 23-25, 2007, The University of Hong Kong, Hong Kong SAR, China (*Non-ISI/Non-SCOPUS*)

#### **2004**

L Abd Latif , R Baharudin, G Jeyalingan, J Bakar Rehabilitation of congenital limb deficient children. Abstract/Proceedings for Asia Pacific Orthopaedic Association 14th Triennial meeting September 2004 (*Non-ISI/Non-SCOPUS*)

### **Extended Abstract**

#### **2008**

Kavita Ratnalingam, Lydia Abdul Latif, Nazirah Hasnan The Prevalence, Intensity and Interference of Chronic pain amongst lower limb amputee Journal of Rehabilitation Medicine Vol 46, May 2008, 133 (*ISI-Indexed*)

#### **2007**

L Abd Latif Level of ability after cancer treatment. International Conference on Survivorship And Supportive Care In Cancer, Aug 10-12, 2007, Kuala Lumpur , Malaysia (*Non-ISI/Non-SCOPUS*)

L Abd Latif Case studies/Reflection: Oncology Rehabilitation International Conference on Survivorship And Supportive Care In Cancer, Aug 10-12, 2007, Kuala Lumpur , Malaysia (*Non-ISI/Non-SCOPUS*)

#### **2005**

L Abd Latif : Rehabilitation for lower limb amputations: Abstract for: Malaysian Orthopaedic Association 35th Annual General meeting & Annual scientific Meeting. 12-15 May 2005, Miri, Sarawak (*Non-ISI/Non-SCOPUS*)

#### **2004**

L Abd Latif Rehabilitation for lower limb amputation. Abstract/Proceedings for Asia Pacific Orthopaedic Association 14th Triennial meeting September 2004 (*Non-ISI/Non-SCOPUS*)

### **Technical Report**

#### **2007**

L Abd Latif , N Hasnan Country Report for Malaysia . World Health Organization( WHO) newsletter(10) June 2007 ICF Core Sets Validation Study & EULAR Core Sets Validation Study [www.icf-research-branch-com](http://www.icf-research-branch-com) (*Non-ISI/Non-SCOPUS*)

#### **2006**

L Abd Latif Multicentre Validation Study: ICF Core Sets:Country Report for Malaysia . World Health Organization( WHO) newsletter(8) Jan-June 2006  
ICF Core Sets Validation Study & EULAR Core Sets Validation Study www.icf-research-branch-com (*Non-ISI/Non-SCOPUS*)

### Mass Media(Newspaper, Radio, Tv, Popular Magazine)

**2008**

Lydia Abdul Latif Penjagaan pesakit amputasi

**2007**

Interview in TV3 (Medik TV): Topic:Documentary on Autologous Chondrocyte transfer for the knee (Rehabilitation) August 2007

**2004**

Interview in Radio 4: Topic: Cerebral palsy and Neurodevelopmental therapy Mac 2004

### Others

**2007**

L Abd Latif Rehabilitation Of Children With Limb Loss( Oncology) 12th Annual Scientific Meeting Malaysian Society of Paediatric Oncology( MASPO), July 14-15, 2007, Kuala Lumpur, Malaysia (*Non-ISI/Non-SCOPUS*)

**2003**

L Abd Latif .Rehabilitation following Illizarov Abstract 22nd ASEAN Orthopaedic Association Congress: October 2003 Media (*Non-ISI/Non-SCOPUS*)

### AREAS OF RESEARCH

(Project title), (Role), (From)-(Until), (Level), (Source).

"score Stroke Community Rehabilitation Centre For The East ", Principal Investigator(PI), 2018 - 2020, *RU Geran - UMCares*, (National)

The Psychology Effect Of Music In Cardiac Exercise, Consultant, 2017 - 2019, *Geran Penyelidikan Universiti Malaya (UMRG Programme) - HNE (Humanities & Ethics)*, (University)

Um-liter: A Three Step Formative Assessment Model For Rehabilitation Medicine Postgraduate Programme Clinical Skills Training, Consultant, 2016 - 2017, *RU Geran - ADEC*, (National)

REHABILITATION AMBULATORY TEAM (REHAT) Services needs for long term NEUROLOGICAL patients, Principal Investigator(PI), 2015 - 2015, *Geran Penyelidikan Universiti Malaya (UMRG)*, (National)

Rehabilitation Ambulatory Team (rehat), Principal Investigator(PI), 2015 - 2017, *RU Geran*, (National)

To Study The Efficacy of Therapeutic Application of Low-Frequency RTMS for Improving Post-Stroke Upper Limb Spasticity of Low-Frequency RTMS for Improving Post-Stroke Upper Limb Spasticity, Principal Investigator(PI), 2013 - 2015, *Geran Penyelidikan Universiti Malaya (UMRG)*, (National)

Facilitators And Barriers To Successful Ageing After Stroke, Co-Investigator, 2013 - 2015, *Geran Penyelidikan Universiti Malaya (UMRG)*, (National)

To Study The Efficacy of Therapeutic Application of Low-Frequency RTMS for Improving Post-Stroke Upper Limb Spasticity, Principal Investigator(PI), 2013 - 2014, *Postgraduate Research Grant (PPP) - Course & Dissertation*, (National)

Facilitators And Barriers To Successful Ageing After Stroke, Consultant, 2013 - 2015, <i>Geran Penyelidikan Universiti Malaya (UMRG) - HTM (Wellness)</i> , (University)
Transcranial Direct current stimulation to enhance neuroplasticity in stroke survivors for motor learning and speech, Principal Investigator(PI), 2011 - 2013, <i>Geran Penyelidikan Universiti Malaya (UMRG)</i> , (National)
Transcranial Direct Current Stimulation(tDCS) with constraint induce movement therapy in Stroke, Principal Investigator(PI), 2009 - 2010, <i>Harvard Med School</i> , (International)
Sample Size Calculation in Physical Medicine and Rehabilitation: A Systematic Review of Reporting, Characteristics, and Results in Randomized Controlled Trials, Principal Investigator(PI), 2009 - 2010, <i>Fellowship program</i> , (International)
PROFILES AND RISK FACTORS OF MAJOR LIMB AMPUTATIONS AND SPINAL CORD INJURY, Principal Investigator(PI), 2007 - 2008, <i>RU Geran</i> , (National)
Trends of limb amputatin and spinal cord injury in UMMC, Principal Investigator(PI), 2007 - 2008, <i>Short Term Research Fund (Vote F)(PJP)</i> , (National)
Impact of disability and function using ICF Core Sets for breast cancer survivors in UMMC (Multicenter Validation study collaboration work with University of Munich and World Health Organisaton), Principal Investigator(PI), 2006 - 2008, <i>WHO and China Medical Board</i> , (International)
The development of a low cost pylon material using bamboo for transtibial prosthesis, Co-Investigator, 2006 - 2008, <i>MOSTI</i> , (University)
Non invasive brain stimulation, trans cranial direct current stimulation,transcranial magnetic stimulation
Stroke rehabilitation and neuroplasticity
Clinical trial for the study of hydrocast socket use in transtibial amputees

#### CONSULTATION PROJECT/CONSULTANCY

(Project title), (Role), (From)-(Until), (Organisation).

Development of privatization rehabilitation hospital, 2016-2016, Regen Rehabilitation International
Expert opinion in medico legal case, 2012-2012, Pusat perubatan Univerisity Malaya
Expert opinion for medico-legal cases. Medico litigation amount of >RM 1 Million. To date has done 3 cases, 2011-2011, PS Ranjan and Co
Medical advisor for Prosthetic and orthotic, 2003-2003, Lazcorp Sdn Bhd

#### AWARDS AND RECOGNITIONS

(Name of Award), (Awarding Institution), (Year Awarded), (Level).

Excellence Service Award, University Malaya, 2015, (University)
Anugerah Perkhidmatan Cemerlang, University Malaya, 2015, (University)
Certificate of Excellent Service, University Malaya, 2014, (University)
Sijil Perkhidmatan Cemerlang, University Malaya, 2014, (University)
Excellence Service Award, University Malaya, 2008, (University)
Invention: Development of New Pylon Materials in Trans Tibial Prosthesis Date: 18-20th May 2007 Patent No: Pending Award: Gold Medal, Min of Science Technology & Innovation, 2007, (International)
Certificate of Excellent Service, University Malaya, 2006, (University)



Faculty Member 1st Asean Cardiac Rehabilitation Committee Hong Kong College of Cardiology, Hong Kong College of Cardiology, 2006

Invention: Novel Hand Grip Strength Analysis System Date: 16-18 August 2005 Patent No: Pi 20055220 Award: Silver Medal, Biotechnology Asia, 2005, (International)

## PRESENTATIONS

(Title), (Event), (Date Presented), (Organiser), (Level).

### PLEANARY/KEYNOTE SPEAKER

Non Invasive brain Stimulation in Stroke Rehabilitation, ASEAN Rehabilitation Medicine Conference, 2013-02-22 to , Philippine Academy of Rehabilitation Medicine in collaboration with ISPRM, (International)

### INVITED SPEAKER

Amputee rehabilitation: UMMC experience, Amputee rehabilitation workshop Invited speaker and Moderator, 2003-04-11 to 2003-04-12, Dept of Orthopaedic, Hospital Alor Star, (National)

Rehabilitation for Cerebral palsy and Botulinium injection in cerebral palsy, Cerebral Palsy Spasticity Workshop, 2003-07-24 to 2003-07-25, Dept of Paediatric Faculty of Medicine, Universiti Antarabangsa Islam Malaysia (UIA) Kuantan, (National)

Pharmacological treatment in spasticity, 3rd Annual Pediatric Orthopaedic review Course, 2003-09-13 to 2003-09-14, Dept Of Orthopaedic Faculty of Medicine University of Malaya, (University)

Botulinium Toxin injection in Cerebral palsy, Cerebral Palsy Workshop, 2004-02-14 to 2004-02-15, Dept of Paediatrics, Hospital Kota Baru, Kelantan, (National)

Amputee Rehabilitation-UMMC experience, 35th Malaysian Orthopaedic Association AGM and Scientific Meeting, 2005-05-12 to 2005-05-15, Malaysian Orthopaedic Association, (National)

Islamic input in Orthopaedic Rehabilitation, Symposium and Workshop on Islamic Input in Orthopaedic, 2005-08-12 to 2005-08-13, Faculty of Medicine, International Islamic University, (National)

Evidence Base In Cardiac Rehabilitation, Cardiac Rehabilitation Conference, Malaysia, 2006-11-16 to 2006-11-18, Dept of Cardiology Hospital Pulau Pinang, (National)

Cardiac Rehabilitation in Malaysia, 1st ASEAN Preventive Cardiology and Cardiac Rehabilitation Conference, Hong Kong, 2006-12-02 to 2006-12-05, Hong Kong College of Cardiology, (International)

Rehabilitation Of Children With Limb Loss( Oncology), 12th Annual Scientific Meeting Malaysian Society of Paediatric Oncology( MASPO), July 14-15, 2007, Kuala Lumpur, Malaysia, 2007-07-14 to 2007-07-15, Rehabilitation Of Children With Limb Loss( Oncology) 12th Annual Scientific Meeting Malaysian Society of Paediatric Oncology( MASPO), July 14-15, 2007, Kuala Lumpur, Malaysia, (National)

Level of ability after cancer treatment., International Conference on Survivorship And Supportive Care In Cancer, Aug 10-12, 2007, Kuala Lumpur, Malaysia, 2007-08-10 to 2007-07-12, International Survivorship And Supportive Care In Cancer, (International)

Amputee Rehabilitation Malaysian Experience., The 4th Asia Pacific Conference on Diabetic Limb Problems, 2007-11-23 to 2007-11-25, Dept of Orthopaedic, The University of Hong Kong, Hong Kong SAR, China, (International)

Physical activity in patients post cardiac events, Asia Pacific Cardiology Conference, 2011-05-13 to , Malaysian Heart Association, (International)

Non invasive brain stimulation in stroke rehabilitation, Malaysian Neuroscience Conference, 2012-07-07 to , MSN, (International)

Neuroplasticity and neurorehabilitation, Robotic in Rehabilitation, 2012-10-11 to , Dept of Rehab medicine, (University)

1. Cardiac Rehabilitation for Heart Failure Patient 2. Cardiac Rehabilitation for Special Population 3. Cardiac Rehabilitation Continuum of Care, Cardiac Rehabilitation - From Basic To Practice, 2013-05-31 to 2013-06-02, Hospital Serdang (KKM), (National)

Effect of anodal TDCS on naming performance in non-fluent post-stroke aphasia, Asian Congress of Neuro Rehabilitation (ACNR) 2013 in Conjunction with PERDOSRI, 2013-10-02 to 2013-10-05, Indonesian Physical Medicine and Rehabilitation Association (PERDOSRI), (International)

Rehabilitation for Chronic Pain, Rehabilitation Medicine In General Practice, 2014-02-23 to 2014-02-23, National University of Malaysia (UKM), (National)

Rehabilitation Training in Malaysia, Singapore Rehabilitation Conference, 2014-03-27 to 2014-03-29, Singapore General Hospital and Tan Tock Seng Hospital, (International)

Acupuncture In Chronic Pain, Biennial Scientific Meeting Malaysian Association for the Study of Pain 2014, 2014-04-15 to 2014-04-16, Malaysian Association for the Study of Pain, (National)

1. Predictor Model for Stroke Recovery 2. Neuroplasticity in Neurorehabilitaion 3. Rehabilitation For Other Neurological Conditions 4. Non-Invasive Brain Stimulation , 6th Annual Rehabilitation Medicine Scientific Conference- Neurorehab Completing The Neuroscience Treatment, 2014-09-26 to 2014-09-28, Queen Elizabeth Hospital and MARP, (National)

ICF in Malaysia, 4th Asia-Oceanian Conference of Physical and Rehabilitation Medicine 2014, 2014-12-11 to 2014-12-13, AOCPRM, (International)

Comprehensive Rehabilitation approach for Neuromuscular disease patiens, Neuromuscular Disease Academy; speaking in respiratory perspective, 2015-04-18 to , Department of Neurology and MND Academy, (National)

Rehabilitation for Charcot Marie Tooth, 2nd Asia-Oceania Congress for Neurorehabilitaion AOCNR 2017, 2017-08-08 to 2017-08-10, Asia Oceania Society for Neruorehabilitaion, (International)

Non invasive brain stimulation in stroke, Singapore Rehabilitation Conference, 2017-09-06 to 2017-12-08, Singapore General Hospital, (International)

Stroke Community Rehabilitation(SCORE) . Community initiative for stroke survivors in Malaysia, University Community Engagement Conference, 2017-09-24 to 2017-12-26, Kyoto Foreign University and University Sains Malaysia, (International)

#### **ORAL**

The Effect of TDCS on Upper Limb Motor Activation in Chronic Stroke: An fMRI Exploratory Study, 7th ISPRM World Congress, 2013-06-16 to 2013-06-20, International Society of Physical Rehabilitation Medicine (ISPRM), (International)

rTMS and Motor Evoke Potential in Stroke, 9th World Congress Of ISPRM, 2015-06-19 to 2015-06-23, ISPRM, (International)

#### **PRESENTER**

1.The use of International Classification of Function In RESILIENCE study 2.The use of botulinium toxin for spasticity in Cerebral palsy , Research into Social Inclusion, Locomotor Impairment and Empowerment through Networking, Collaboration And Education(RESILIENCE) Regional meeting , 2004-05-16 to 2004-05-21, Australian Reserach Council University of Melbourne, (International)

Rehabilitation of congenital limb deficient in children., Asia Pacific Orthopaedic Association Conference and 14th Triennial meeting , 2004-10-05 to , Asia Pacific Orthopaedic Association Conference, (International)

Comparison of stroke rehabilitation outcome and services between rehabilitation unit in Australia and Acute Medical Wards in Malaysia. , 4th World Congress Of Neurorehabilitation(WCNR, 2006-02-12 to 2006-02-16, World Congress Of Neurorehabilitation(WCNR), (International)

Transcranial Direct Current stimulation(tDCS) a potential tool for Stroke rehabilitation, Research Symposium for Dept of Physical Medicine & Rehabilitation,Spaulding Rehab Hospital, Harvard Medical School, , 2010-04-14 to , Dept of Physical Medicine & Rehabilitation,Spaulding Rehab Hospital, Harvard Medical , (University)

transcranial Direct current stimulation : Neuromodulation tool , Neuromodulation Education Week, 2010-07-05 to , (University)

#### **OTHERS**

Discussion on 10th ISPRM World Congress Malaysia, 8th ISPRM World Congress, 2014-06-01 to 2014-06-05, (International)

#### **EXPERT LINKAGES**

(Linkages Description), (Organisation), (Year of Involvement), (Duration), (Level).

Chairman of 10th World Congress of ISPRM, International Society Of Physical And Rehabilitation Medicine, 2015, 24, (International)

Bidding committee for World Congress of ISPRM in Kuala Lumpur 2016, ISPRM and MYCEB, 2012, 48, (International)

#### EXPERT/TECHNICAL CONTRIBUTIONS

(Activity), (Organisation), (Role), (From)-(Until), (Level).

Diploma of Prosthetic and Orthotic Reviewer of program for MQA, Malaysian Quality Agency, Consultant, 2014-2015, (National)

Advisor for Board of Study Sime Darby Health College, Sime Darby, Advisor, 2014-2016, (National)

National Guideline for Multiple Sclerosis, Ministry of Health, Committee Member, 2013-2015, (National)

Neuromodulation g (Transcranial Direct current stimulation and transcranial magnetic stimulation) in physical medicine and rehabilitation (Stroke rehabilitation, Chronic pain, spinal cord injury)for functional recovery, Laboratory of Neuromodulation, Spaulding Rehabilitation Hospital, Harvard medical school, Co-researcher, 2010-2012, (International)

#### EVALUATION ACTIVITIES

(Description), (Evaluation Activity),(Year).

Journal: Prosthetic & orthotic International Manuscript ID: TPO1-2008-0004 Original paper Title: Job adjustment, job satisfaction and health experience in upper and lower limb amputee , ( )

manuscript 91/15, Effect of Two Noninvasive Brain Stimulation Techniques on Post Stroke Upper Limb Motor Function, Article In Journal , (2015)

Invitation from Aftab Ahmad to review a manuscript for BMC Neurology -NURL-D-15-00132 NURL-D-15-00132 Self-management develops through doing of everyday activities—a longitudinal qualitative study of stroke survivors during two years post-stroke, Article In Journal , (2015)

Treatment effects of Ultrasound guided Capsular distension with hyaluronic acid in adhesive capsulitis of the shoulder, Article In Journal , (2012 - 2012)

Ms. Ref. No.: ARCHIVES-PMR-D-10-00560 Title: Is Fatigue Associated with Suicidality in Stroke? Archives of Physical Medicine and Rehabilitation, Article In Journal , (2010 - 2010)

Ms. Ref. No.: ARCHIVES-PMR-D-10-00724 Title: Motor and functional recovery in ischemic stroke subtypes Archives of Physical Medicine and Rehabilitation, Article In Journal , (2010 - 2010)

#### CONTRIBUTION TO SOCIETY

(Contribution To Society), (Level), (Start Date), (End Date).

Douglas Bader Walking school, (Community), until

Setting up Stroke Community Rehabilitation centre@SCORE in deprived community in Kuala Lumpur and now working to expand to other states. east coast kelantan and Trengganu. Collaboration with PERKIM., (National), 01/10/2017 until 01/04/2018

Medical Advisor Motor Neuron Association Malaysia, (National), 01/06/2016 until 01/06/2018

Motor Neurone Disease Medical Advisor, (National), 01/03/2015 until

Chairman of organising committee Pan Pacific South East Asia Women Assoc and PPUM : Stroke get together function ., (Community), 19/03/2011 until 19/03/2011

Chairman for the Cerebral Palsy Get Together project for the hospital level. This project was launched in March 2004 , (Department), 10/03/2004 until

## INTELLECTUAL PROPERTY RIGHTS

(Product Name), (Type), (Reference), (Year), (Level).

Low cost bamboo pylon for transtibial prosthesis, PATENT, 01/10/2007, (UNIVERSITY)

Novel Hand Grip Strength Analysis System, PATENT, Patent no: PI 20055220, 02/05/2005, (UNIVERSITY)

## SUPERVISION

### POST GRADUATE STUDENT

(Name of Degree), (Name of Candidates), (Title of Thesis), (Academic Session)

#### Completed

Master Degree, Muhammad Hafiz Bin Hanafi, Motor Evoked Potential Changes in Facilitatory and Inhibitory Setting of Repetitive Transcranial Magnetic Stimulation in Ischemic Stroke Patient : A Pilot Study, 2013/2014

Doctoral Degree (phd), Mohd Haidzir Bin Abd Manaf, Characterization of Biomechanical Related Gait During Different Attentional Loading Conditions, 2013/2014

Master Degree, Sahar Khansari, Effect of automated sms-based reminder system on improving medication adherence following acute coronary syndrome, 2012/2013

Master Degree, Dr Hanita, tDCS in speech aphasia after stroke, 2011/2012

Master Degree, Dr Aishah Ahmad Fauzi, Predictors of Charcot arthropathy in diabetes mellitus, 2010/2011

Master Degree, Dr Nadia Mohd Mustafah, return to work after myocardial infarction, in relation to LVEF, 2010/2011

Master Degree, Dr Azhari Nordin, repetitive transcranial magnetic stimulation for spasticity reduction in chronic stroke, 2010/2011

Master Degree, Dr Ainil Hawa Ibrahim, ICF model in Stoke population, 2010/2011

Doctoral Degree (phd), Ahmad Yusairi Bani Hashim, Design and development of low cost prosthetic foot, 2009/2010

Master Degree, Dr Kavita Uma Ratnalingam, Phantom pain and sensation amongst amputees, 2007/2008

Master Degree, Dr Maslina Yazid, Rate of schooling amongst physically disable children in UMMC, 2006/2007

Master Degree, Hania Nadia Shamsin, Development of new low cost pylon material for transtibial prosthesis, 2006/2007

Master Degree, Dr Siti Norzalilah Binti Abdul Majid, Botulinium toxin A for drooling in Cerebral Palsy, 2004/2005

Master Degree, Dr Foong Chee Chong, Return to work in upper limb amputees, 2004/2005

Master Degree, Dr Mohd Izmi Bin Ahmad, Depression in Spinal cord injury, 2004/2005

#### Ongoing

Master Degree, Umaimah Berahim, Feasibility And Validity of ICF Comprehensive Core Set for Stroke, 2014/2015

Master Degree, Brenda Saria, Autonomic Dysfunction in Post Stroke, 2014/2015

Master Degree, Jihan Samsuri, 6 Months Follow Up of Hand Functional Outcome Amongst Charcot-Marie-Tooth Patient in Relations To Median And Ulnar Nerve sizes and CMTNS2 Score, 2014/2015

**TEACHING**

(Course Title), (Academic Session), (No of Student), (No of Contact Hours).

**POST GRADUATE**

PAPER 1 (MCQ), 2016/2017, 40, 10

M T G P, 2014/2015(1,2,3), 47, 724

M T G P, 2013/2014(1,2,3), 48, 724

M T G P, 2012/2013(1,2,3), 50, 724

M T G P, 2011/2012(1,2,3), 40, 724

PART 1, 2007/2008, 12, 524

PART 2, 2007/2008, 24, 524

PART 2, 2006/2007, 25, 524

PART 1, 2006/2007, 10, 524

PART 2, 2005/2006, 22, 524

PART 1, 2005/2006, 10, 524

PART 1, 2004/2005, 11, 524

PART 2, 2004/2005, 25, 524

PART 1, 2003/2004, 10, 524

PART 2, 2003/2004, 25, 524

**FIRST DEGREE**

Neuroscience block, 2016/2017, 10, 4

U M M P, 2014/2015(1,2,3), 40, 13

K U E P, 2014/2015(2,3), 20, 19

U M M P, 2013/2014(1,2,3), 40, 13

K U E P, 2013/2014(2,3), 20, 22

M B B S, 2012/2013(1,2,3), 130, 14

K U E P, 2012/2013(2,3), 24, 24

K U E P, 2011/2012(2,3), 20, 26

M B B S, 2011/2012(1,2,3), 120, 8

MBBS Stage 2, 2007/2008, 130, 20

MBBS Stage 2, 2006/2007, 120, 20

MBBS Stage 2, 2005/2006, 130, 20

MBBS Stage 2, 2004/2005, 140, 20

MBBS Stage 2, 2003/2004, 120, 20