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7th International Conference & Exhibition on

Physiotherapy & Physical Rehabilitation

March 25-26, 2019
Rome, Italy



SCIENTIFIC PROGRAM

DAY 1
Monday, 25th March

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Physiotherapy & Rehabilitation	**Talks On: Physiotherapy & Rehabilitation**
Physiotherapy Techniques and Exercises	Physiotherapy methods and Instrumentation
Rehabilitation Methods	Physiotherapy Management and Post-operative Physiotherapy
Neurological Physiotherapy	Sports medicine
Manual Physiotherapies	Yoga & Fitness in Physical therapy

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Physiotherapy & Rehabilitation	**Talks On:** Physiotherapy & Rehabilitation
Sports medicine	Physiotherapy
Yoga & Fitness in Physical therapy	Yoga & Fitness as Physical Therapy
Nursing Physiotherapy	Pediatric Physiotherapy
Acupuncture	Arthritis
Pediatric Physiotherapy	
Pediatric Physiotherapy Pediatric	

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Physiotherapy & Rehabilitation	Workshop

DAY 2
Tuesday, 26th March

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50

MEETING HALL 01	MEETING HALL 02
Talks On: Physiotherapy & Rehabilitation	**Talks On: Physiotherapy & Rehabilitation**
Physiotherapy Techniques and Exercises	Sports medicine
Rehabilitation Methods	Occupational Therapy
Neurological Physiotherapy	Pediatric Physiotherapy
Manual Physiotherapies	Pediatric Physiotherapy Pediatric Physiotherapy
Physiotherapy methods and Instrumentation	Yoga & Fitness as Physical Therapy
Physiotherapy Management and Post-operative Physiotherapy	Pediatric Physiotherapy

12:50-13:35 LUNCH BREAK

13:35-15:55

MEETING HALL 01	MEETING HALL 02
Talks On: Physiotherapy & Rehabilitation	**Talks On: Physiotherapy & Rehabilitation**
Physiotherapy Techniques and Exercises	Occupational Therapy
Rehabilitation Methods	Pediatric Physiotherapy
Neurological Physiotherapy	Pediatric Physiotherapy Pediatric Physiotherapy
Manual Physiotherapies	Yoga & Fitness as Physical Therapy
Physiotherapy methods and Instrumentation	Pediatric Physiotherapy
Physiotherapy Management and Post-operative Physiotherapy	Arthritis
Sports medicine	Geriatric Rehabilitation

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

Awards & Closing Ceremony

PAST AFFILIATES

PAST AFFILIATES

Ewa Zofia Gieysztor
Wroclaw Medical University, Poland

David Kantchev
Medical University Of Sofia, Bulgaria

Ertan Tufekcioglu
King Fahad University Of Petroleum And Mineral, Saudi Arabia

Grace Mukoka
University Of The Witwatersrand, South Africa

Inna Ivanova
Medical University Of Sofia, Bulgaria

Meir Lotan
Ariel University, Ariel, Israel

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Wes Zimmermann Md
Royal Dutch Armed Forces, Netherlands

Tomasz Karski
Vincent Pol University, Poland

Zhi-Gong Wang
Southeast University, China

Olufunke Adewumi Ajiboye
Lagos University Teaching Hospital, Nigeria

Timilehin Abraham Oyefeso
University Of Lagos, Nigeria

Jacek Karski
Medical University Of Lublin, Poland

Sabrina Degaspari
Centro Universitário Lusíadas, Brazil

Wei-Tso Chia
National Taiwan University Hospital Hsin-Chu Branch, Taiwan

Robert Sullivan
Midleton Foot Clinic, Ireland

Gustavo Desouzart
Reci – Piaget Institute Of Viseu, Portugal

Ann Tamm
Tartu University Hospital, Estonia

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University Of Santo Amaro, Brazil

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Neckcare LLC, Iceland

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Jamia Hamdard University, India

Hanan Demyati
Al-Hada Armed Forces Hospital, Saudi Arabia

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Konstantinos Fousekis-
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Isra Institute of Rehabilitation Sciences, Pakistan

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Manipal University, India

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King Abdul-Aziz Medical City, Saudi Arabia

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Former South African International Cricket Team Physio, South Africa

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Kingston University,St. George's University of London, UK

Timothy Mann
Wollongong, Australia

Filippo Zanella
Studio Zanella Fisioterapia, Italy

Jee-Soo Jang
Suwon Nanoori Hospital, South Korea

Sandra Isabella Schütz
RMP International School, Switzerland

Paolo Ortelli
RMP International School Di Rocca Concept, Switzerland

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PHY world, India

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Vincent Pol University in Lublin

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BLK Super Specialty Hospital, India

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Indian Association Of Physiotherapist, India

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Wei-L Hsu
National Taiwan University, Taiwan

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Magdy Shabana
College of Applied Sciences, Saudi Arabia

Dana Badau
University of Medicine and Pharmacy of Targu Mures, Romania

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AGENDA

Impact of functional electrostimulations in the complex neurehabilitation algorithm of patients with multiple sclerosis

Ivet Borissova KOLEVA

Medical University of Sofia, Bulgaria

Prof. *Ivet Borissova Koleva* is a medical doctor, specialist in Neurology and in Physical & Rehabilitation Medicine; with 30 years of clinical practice in the domain of NeuroRehabilitation. Actually, she works as a professor at the Medical University of Sofia, Bulgaria.

Eugenia Kirilova Voukadinova is a medical doctor, with clinical practice in Physical Therapy and Rehabilitation: Centro polispecialistico Salus, Centro medico Delle Valli, Centro polispecialistico Vigne nuove, and Nuova Villa Claudia - Gruppo Sanem (Rome, Italy).

Borislav Radoslavov Yoshinov is physiotherapist, graduated from the Medical University of Sofia. Actually he is student in Medicine (Medical Faculty of Sofia University, Bulgaria).

Evaluation Of The Impact Of Cognitive Disorders On The Quality Of Life Of Patients With Multiple Sclerosis

Todor Dimitrov
Medical University - Sofia, Bulgaria,
Faculty of Public Health- Sofia,
Bulgaria

Todor Dimitrov has completed his PhD at the age of 32 years from Faculty of Public Health, Medical University- Sofia, Bulgaria. He has a bachelor degree in rehabilitation, second bachelor in Health care and a master degree of Public health and health management. Working as a chief ass. professor at the Physiotherapy Department of Faculty of Public Health.

Impact of physical activity on Berg balance test scores in female patients with Multiple Scleros

Inna Mincheva Ivanova

Medical University of Sofia, Faculty of Public Health, Department of Physiotherapy, Bulgaria

Inna Ivanova graduated her PhD in 2016 from National Sports Academy "Vasil Levski". Since November 2016 she is an assistant professor at the Medical University of Sofia while simultaneously teaching at the Sofia University as well as at the National Sports Academy, until nowadays. She has several publications in journals in her home country and several abroad

Impact of physical activity on Berg balance test scores in male patients with Multiple Scleros

Inna Mincheva Ivanova

Medical University of Sofia, Faculty of Public Health, Department of Physiotherapy, Bulgaria

Inna Ivanova graduated her PhD in 2016 from National Sports Academy "Vasil Levski". Since November 2016 she is an assistant professor at the Medical University of Sofia while simultaneously teaching at the Sofia University as well as at the National Sports Academy, until nowadays. She has several publications in journals in her home country and several abroad

Osseointegrated, percutaneously guided implants for rehabilitation after leg amputation - via the Endo-Exo-Prostheses in Hannover

Marcus Orgel

Resident of the Clinic for Trauma Surgery, Medical School Hannover Deputy Head of the Section for Endo-Exo-Prosthetic

The use of osseointegrated prostheses for limb amputation has been evolved over the last two decades as a promising alternative to the traditional external prosthesis. These systems are basically implants that are anchored intramedullary in the femoral or tibial section of the residual limb and extend outwards through the skin. This system is used by amputated since 1990 in few selected and special centers across the world (Sweden, Germany, Australia, Netherlands, and USA). The Section for Endo-Exo-Prosthetic moved 2017 from Lübeck to Hannover, Germany.

Anterior shoulder joint instability - phases of physiotherapy treatment

Julieta Simeonova Gerenova

Faculty of public healthq Medical university of Sofia, 1000, Bulgaria

Julieta Gerenova graduated in physiotherapy 2008. Has comleted her PhD. degree in 2015. From 2013 onwards she taught at the Faculty of public health, Medical University-Sofia. There are more than 10 articles in refereed journals.

Watsu Bodywork Therapy Enhances Cardiac Locomotor Synchronization

Ertan Tufekcioglu

King Fahad University of Petroleum and Mineral. Kingdom of Saudi Arabia

Dr. Ertan Tufekcioglu has completed his PhD at the age of 30 years from Marmara University at the Institue of Health Sciences. He was the director of ASFA and OKYANUS sports and cultural complexes, before he starts his academic studies in rehabilitation and recovery methods at KFUPM. He has published many papers in reputed journals and has been serving as an Scientific and Curriculum committee and in editorial board member of an international journal.

Shoulder muscle onset times during physiological examination are the same in elite handball player as non-athletes: implications for clinical assessment

Silvia Ortega-Cebrian
Spain

Professional handball players have undergone many years of physical training resulting in anatomic and functional differences to non-athletes. Clinical examination of the shoulder routinely includes observation of cardinal plane movements irrespective of these differences in patient population. It is not known if the training history alters muscle activation patterns during these movements in these athletes compared to non-athletes. This study examines neuromuscular firing patterns in overhead athletes and non-athletes of the periscapular, prime-moving, and rotator cuff muscles during “clinical” cardinal plane physiological movements.

Tracking the impact of PNF methodology in stroke patients in a clinical period

Elvira Nikovska

Medical University of Sofia, Bulgaria

Elvira Nikovska is an assistant professor at Sofia Medical University from 2016, where she teaches the basics of kinesitherapy as well as kinesitherapy in orthopedics and traumatology. She is a member of the Association of Physiotherapists in Bulgaria since 2013, a Bobath practitioner from 2016 and a Certificate Mulligan Practitioner from 2017. She is currently working on studies of postural control in stroke patients and the dissertation as a doctoral student at the National Sports Academy “V. Levski”, Sofia, Bulgaria. At the 4th National Congress of the BSNCH, held on 5-7 October 2018, Sofia, the latest summaries of kinesitherapy in stroke patients were presented.

Novel advancements in objective assessment and treatment of patients with neck pain and its related disorders

Eythor Kristjansson

University of Iceland

The Bone & Joint Decade (2000-2010) Task Force on Neck Pain and its Associated Disorders highlights the lack of objective reliable and valid methods to assess and treat impaired neuro-muscular-skeletal function in people with neck pain and its related disorders. The Task Force emphazes that recurrence of symptoms is one of the main characteristics of neck pain. The Task Force recommends that the World Health Organization (WHO) advocate to empower people with neck pain to treat their own neck must be a priority to furthering advancements for people with neck pain.

Respiratory capacity as an element of qualification for cardiac rehabilitation among women and men following a cardiac surgery

Aleksandra Szylinska
Department of Medical Rehabilitation and Clinical Physiotherapy, Pomeranian Medical University in Szczecin

The cardiac surgery is followed by severe functional depression of the respiratory system. It is caused by many independent factors connected with the surgery itself, extracorporeal circulation and postoperative course, especially mechanical ventilation. Studies confirm that the postoperative course and return to a normal lifestyle is more difficult for women than men. Cardiac rehabilitation has a significant impact on the prevention of complications and mortality after cardiac surgery

Comparative analysis of quality of life in patients following unilateral breast cancer surgery depending on the physiotherapeutic method used to reduce swelling

Iwona Rotter
Department of Medical Rehabilitation and Clinical Physiotherapy
Poland

Breast cancer is the most common cancer in women. One of the most frequent complications of breast cancer treatment is lymphoedema of the upper limb, which significantly worsens the quality of life of patients, which is why it is necessary to find effective methods of reducing oedema

The Carpal-Tunnel Syndrome: Experimental Works in Diagnosis and Treatment of fourty-five hands

Mohammad kamali kakhki

Medical doctor of Tehran Healthcare Clinic, Tehran, Iran.

Mohammad kamali kakhki has completed his M.D at the age of 25 years from Mashhad University of Medicine and studied in the field of Trigger point therapy, Palpitation anatomy and Massage therapy from Tehran University of Medicine. He works in Tehran Healthcare Clinic (west marzdaran, Tehran, Iran) and has 30 years experimental works on muscle, ligaman and nervous system.

Persistence of primitive reflexes and motor delays in preschool children.

Ewa Zofia Gieysztor

Medical University
Poland

PhD candidate in Department of Physiotherapy in Wroclaw Medical University, Poland.

Practitioner as a therapist Bobath Therapy in Neurological Dysfunction as well as Developmental Movement Programme INPP.

Her main research interest is persistence of primitive reflexes and coexistence of developmental and postural disorders. Author and co-author the publications in this area. Lecturer on national and international conferences.

Effect of Kinesio Taping As an Adjunct to Oral Motor Therapy On Drooling In Children With Neurological Impairement.

Dr. Swati

Dr. D.Y. Patil College of Physiotherapy, Pimpri, Pune, Maharashtra, India

I, Swati, has completed my Bachelors of Physiotherpay in Feburary'2017 from Guru Nanak Dev University, Amritsar, Punjab, India. Presently pursuing my Post-graduation degree in the field of Pediatric Physiotherapy from Dr. D.Y. Patil College of Physiotherapy, Pimpri, Pune, Maharasthra, India.

The benefits of early post cardiac surgery recovery program for Tahitian patients

Kritika Satija
Auckland University of Technology,
New Zealand

Audit of 50 Tahitian patients from Feb 2017-2018 who received early post-operative CR program at ADHB. 62% of the Tahitian patients had their nurse specialist and physiotherapist assessment within 1-3 days post hospital discharge and 50% of the patients were assessed in ≤10 days post cardiac surgery. This was Non-Tahitian cardiac patients are seen two weeks post discharge and have to wait for at least 6-8 weeks for physiotherapy assessment.

Clinical Pilates as a potential rehabilitation method for improving balance in patients with Multiple Sclerosis

Lampropoulou Sofia

University of Nicosia, Cyprus

Dr Sofia Lampropoulou is an Assistant Professor and Coordinator of Physiotherapy Programme, University of Nicosia, specialized in clinical and research Neurological Physiotherapy, taken her PhD in 2010. She is research active with continuous and systematic publications, all in scientific peer-reviewed journals. She has served as a member of the Scientific Society of Conferences, chair in conference sessions and participated as invited speaker to many of those. She is also a member of the Health Professional Council (HPC) of UK, the Physiological Society of UK, the Hellenic Scientific Society of Physiotherapy, the Panhellenic and Pancypriot Scientific Association of Physiotherapists.

Normative plasticity in physiotherapy: a scientific and ethical key issue

Martine Samé

University degree in Functional Neuroanatomy (Paris)
France

Physiotherapy and Ethics are often considered as two different and opposite worlds, whereas their common rigorous constant quest for a better life makes them a single rational approach in a rehabilitative process.

The Relationship between Hip Strength and Peak Knee Valgus Angle during Single Leg Squat

ABDULLAH S. BIN HUSSEIN
Prince Sultan Military Medical City
Kingdom of Saud

Mr. Abdullah Bin Hussein has completed his BSc in Physiotherapy from King Saud University, KSA and MSc in Sport Physiotherapy from Cardiff University, UK. He is the deputy of Physiotherapy Department at Prince Sultan Military Medical City. He has attended and participated in several local and global scientific events. He has published few papers in reputed journals.

Effectiveness of Activity-Focused Motor Intervention for Head Control in Children with Cerebral Palsy

KHIN LAY YU
Department of Physical Medicine & Rehabilitation, Mandalay General Hospital, Republic of the Union of Myanmar

I have completed my M. Med. Tech (Physiotherapy) at the age of 33 years from University of Medical Technology, Mandalay, Republic of the Union of Myanmar. I have been working as Chief Physiotherapist at Department of Physical Medicine & Rehabilitation, Mandalay General Hospital, Republic of the Union of Myanmar. I have been working experience for 14 years.

Focus Extracororeal shockwave therapy improves immediate and short-term functional outcomes in Frozen Shoulder: a Preliminary Study

Wei-Tso Chia
National Taiwan University Hospital
Taiwan

Shih-Fang Chen has completed his master degree at the age of 22 years from China Medical University, Taiwan (R.O.C.). She is the leader of nurse practitioner of Orthopaedic department of National Taiwan University Hospital Hsin-Chu Branch. She has been a nurse practitioner for 13 years and work in orthopatedic department for 5 years.

Wei-Tso Chia has completed his PhD at the age of 32 years from National Defense Medical Center,, Taiwan (R.O.C.). He is the director of Orthopaedic department of National Taiwan University Hospital Hsin-Chu Branch. He has published more than 25 papers in reputed journals and has been serving as a reviewer of Clinical Nursing Research.

PHYSIOTHERAPY & RESEARCH: INSTRUMENTS´ VALIDATION

Inés Llamas-Ramos

University of Salamanca, Spain

Inés Llamas Ramos has completed his PhD from University of Salamanca, Salamanca, Spain. She develops her professional work in Salamanca. She has been professor of the University of Salamanca, in the Department of Nursing and Physiotherapy. She has published articles about cancer and dry needling in reputed journals.

Correlation between the Fall Risk Assessment Tool [FRAT] Biodex Fall Risk Assessment in the Elderly - An Observational Study

Abdulaziz Said M Alahmari

University of Hail, Saudi Arabia

Abdulaziz Said M Alahmari is a Internee of Bachelor of Physical Therapy program from the Department of Physical Therapy, college of Applied Medical Sciences. This research is a part of his Internship Research Project for the bachelor program. He is interested in the Orthopedic rehabilitation and wishes to join master program in musculoskeletal rehabilitation.

Posturography study of balance in patients with Osteoarthritis of Knee joint

Nauwaf Ali M Almoshaiqeh

University of Hail, Saudi Arabia

Nauwaf Ali M Almoshaiqeh is a Internee of Bachelor of Physical Therapy program from the Department of Physical Therapy, college of Applied Medical Sciences. This research is a part of his Internship Research Project for the bachelor program. Nauwaf is the topper of his class. He presented a poster about the Low Back Pain in Qatar International conference last year in Doha. He is interested in the Orthopedic rehabilitation and wishes to join master program in musculoskeletal rehabilitation. Recently he did certificate course in dry-needling.

Role of Physiotherapist in Palliative Care Patients: From Symptom Control to Improving Quality of Life

Leo Rathinaraj. A.S

University of Hail, Hail Province,
Saudi Arabia

Leo Rathinaraj. A.S., is a Faculty Member of the department of Physical Therapy, College of Applied Medical Sciences at University of Hail in Saudi Arabia. He has about 15 years of teaching as well as clinical practice experience in the field of Physiotherapy. He has completed graduation in Physiotherapy in 2000 from one of the prestigious Physiotherapy Institute; KMCH college of Physiotherapy, Coimbatore. After his BPT he was working as Clinical Physiotherapist in Amrita Institute of Medical Sciences a state of art multispeciality teaching hospital with excellence in research. He was selected for the post-graduation program in Physiotherapy on merit basis in the KG college of Physiotherapy in 2005. His area was specialization was advanced physiotherapy for orthopaedic conditions and his dissertation was about the effect of Multifidus Retraining Program in chronic low back pain. After successful completion of MPT in 2007,

FEV1 and PEFR in patients with chronic low back pain

Sreeja. M.T

University of Hail, Hail Province,
Saudi Arabia.

Sreeja. M.T. is a Faculty Member of the department of Anatomy, College of Medicine and Applied Medical Sciences at University of Hail in Saudi Arabia. She has about 10 years of teaching as well as research experience in the field of Anatomy and its related field. She has completed post-graduation in Anatomy from the Faculty of Medicine, MG University, Kottayam, India in the year 2006. After her post-graduation she joined as Lecturer in KG Institute of health sciences where she was teaching the both under and post graduate students of Physiotherapy and Nursing institutes. Later in 2007 she joined as Lecturer in Al Azhar Dental college and her Anatomy teaching was for undergraduate dentistry students. In 2008 she joined as Lecturer, later promoted as Assistant Professor in MIMSR Medical college and served for about 5 years

The Effectiveness of Combined Dry Needling and Intramuscular Electrical Stimulation with and without Kinesiotaping in Low Back Pain

Vahid Mazloum

Iran

Background: Myofascial trigger points (MTPs) are commonly observed in many musculoskeletal conditions including low back pain causing impaired motor control, movement restriction, and physical disability. The aim of this study was to evaluate the effectiveness of a single session of combined dry needling (DN) and intramuscular electrical stimulation (IES) with and without Kinesiotaping (KT) in patients with chronic non-specific low back pain (CNSLBP).

DOCTOR OF PHYSIOTHERAPY PROGRAM IN ETHIOPIA

Mengestie M. Belay
Addis Ababa University
Ethiopia

Beginning in 2012, the Government of Ethiopia implemented the Human Resource Development (HRD) program to enhance capacity building in the Ethiopian healthcare system. Through this program, physiotherapy residency program at Addis Ababa University (AAU) was started. The aim of this presentation is to describe Physiotherapy residency program in Ethiopia.

Impact of Learning the International Classification Functioning Disability & Health (ICF) for Children and Youth Framework as Clinical Reasoning Tool for Paediatric Physiotherapists Working with Children with Cerebral Palsy

Hanan Demyati
Al-Hada Armed Forces Hospital
Saudi Arabia

I am a pediatric physiotherapist at Al-Hada Armed forces hospital since 2004. I completed my Bachelor degree in Physiotherapy from King Saud University in 1993 and graduated with MSc from Cardiff University in 2011. Recently I completed Doctor of Philosophy from University of Strathclyde in 2017. I have split my working time between acquire my skills and clinical education since qualifying.

Comparison of the responsiveness of the Functional Autonomy Measurement System (SMAF) with that of the Functional Independence Measure (FIM) in post-stroke rehabilitation

Hélène Corriveau
Université de Sherbrooke
Canada

Functional independence is considered by most rehabilitation professionals as the key outcome for successful re-integration in the community of persons recovering from a stroke. The Functional Independence Measure (FIM) is a standardized assessment for activities of daily living (ADL) that is widely used while the Functional Autonomy Measurement System (SMAF), less widely used, was initially developed for assessing older adults. It is more comprehensive than the FIM because it includes an evaluation of instrumental activities of daily living (IADL).

Music Integrative Neurotherapy

Alexandru Jon Graur
Italy

An applied neuroscience of music method, Music Integrative Neurotherapy belongs to the group of therapies known as Complementary Medicine. The Complementary Medicine is meant to enhance the effectiveness of the drug treatment by reducing or eliminating the side effects of the last. In this way the patient could better manage the evolution of the disturbance and the co-lateral aspects of it (drowsiness, circadian cycle imbalance, insomnia or hypersomnia, depression induced by drug treatment, between others).

PHYSICAL DISABILITY, RANGE OF MOTION AND SELECTED GAIT PARAMETERS IN PATIENTS WITH UNILATERAL KNEE OSTEOARTHRITIS.

OJEDOYIN O.O

Physiotherapy Department, College of Medicine, University of Ibadan, Nigeria.

Olusegun O. OJEDOYIN has completed his M.Sc and MPH from university of Ibadan and Obafemi Awolowo University Ile-Ife respectively both in Nigeria. He is currently a PhD candidate at the University of Ibadan, Nigeria and also the Chief Physiotherapist at Lagoon Hospitals, Ikeja, Lagos, Nigeria. He has published few papers in reputed journals.

NEUROREHABILITATION ALGORITHMS for functional recovery and amelioration of the quality of life of neurological and neurosurgical patients

Ivet Borissova KOLEVA

Medical University of Sofia, Bulgaria

Prof. Dr. Ivet B. KOLEVA, MD, PhD, DMedSc is medical doctor, specialist in Physical and Rehabilitation Medicine /PRM/ and in Neurology, with European certification in PRM. Actually she is Professor at the Medical University of Sofia, Bulgaria.

Assoc. prof. Radoslav YOSHINOV, PhD is engeneer, informatician, and specialist in telecommunications, Phylosophy doctor in Informatics. Actually he is associated professor at Bulgarian Academy of Sciences (BAS) – Sofia, Bulgaria. Director of the Laboratory of Telematics at BAS.

Borislav YOSHINOV is physiotherapist, actually student in Medicin at the Sofia University, Faculty of Medicine.

EFFECTIVENESS OF INTERMITTENT COMPRESSION AND DECOMPRESSION WITH GLIDE IN STAGE 3 of KNEE OSTEOARTHRITIS

Abdul Haseeb Bhutta

Riphah Internationl University
Pakistan

Dr Aabdul Haseeb Bhutta is currently enrolled in M.Phil Sports Medicine & Manipulative Physical therapy at Isra University Islamabd Campus. Completed 5 year Doctor of Physical Therapy program from Isra University Islamabad Campus at the age of 24 years.. He is the Incharge Research and Ethical Commetee of Helping Hand Institute of Rehabilitation Sciences. Along with that he is also a Lecturer of Physical Therapy at Helping hand institute of Rehabilitaion Sciences, a comprehensve rehabilitation Non Government Organization. He has published more than 1 papers in reputed journals and has been serving as a member Of Research society.

Cupping therapy versus interferential cupping therapy on mechanical low back pain

Ahmed Assem Abd El Rahim
iran

Low back pain (LBP) is among the most debilitating, expensive, and most common clients' complaints rise during routine physical examinations worldwide. It is widespread in many countries, and is associated with substantial financial costs and loss of quality of life . Chronic lower back pain is generally defined as pain that persists for more than three months. The pain may be progressive, or may occasionally flare up and then return to a lower level of pain. With chronic pain, the exact cause of the pain can sometimes be difficult to determine

Work- related musculoskeletal disorders amongst office administrative workers at Tswaing sub-district at Delareyville during September 2015

Saima Latif Abdul

Sefako Makgatho Health Sciences University
South Africa

Saima Latif Abdul a 25 year old Physiotherapist has completed my Bsc Physiotherapy and Honours Degree at the age of 23 years in the year 2016 from Sefako Makgatho Health Sciences University in South Africa. I am currently working as a Physiotherapist at Weskoppies Psychiatric Hospital in Pretoria, South Africa. I have the above Research Proposal that I had done on a small scale base during my 4th year of studying during a community outreach block through my University with my lecturers and the necessary personnel in charge providing me with ethical clearance that I am submitting to you. This research has not been submitted to any ethics committee and does not have a ethical clearance number. Please note that this is my own work of thought. I hope to hear a favourable response from you.

Fibromyalgia syndrome and exercise training

Erdem KASIKCIOGLU
Istanbul University
Istanbul, Turkey

Fibromyalgia is a complex overlap syndrome characterized by dispersed musculoskeletal pain, sensitiveness in specific areas, generalized fatigue and sleep disturbances. Although the underlying mechanism responsible for muscular fatigue and exercise intolerance remains to be elucidated, it is reported two major mechanisms, central and peripheral hypothesis. As a peripheral theory, there are some reports on abnormalities of the microcirculation in patients with fibromyalgia syndrome. The key point to note is that ischemia associated with a modest decline in tissue oxygen may causes muscle fatigue and pain.

Motor Difficulties Presented by Children with ASD Suggest Physical Therapy as a Needed Early Intervention for This Group of Clients.

Meir Lotan
Ariel University, Ariel, Israel

Professor Meir Lotan, MScPT, PhD is a physiotherapist working as Senior lecturer at the School of Health Sciences, Department of Physical Therapy, Ariel University, Ariel, Israel.

He is affiliated with the Israeli National Rett Syndrome evaluation team and is a world expert in physical therapy for Rett syndrome. He has a special interest in physiotherapy and persons with intellectual disability, children with autism, Snoezelen and physical activity for people with intellectual disability.

The Influence of TheraTogs Garment on a Child with ASD: A Case Report

Meir Lotan
Ariel University, Ariel, Israel

Professor Meir Lotan, MScPT, PhD is a physiotherapist working as Senior lecturer at the School of Health Sciences, Department of Physical Therapy, Ariel University, Ariel, Israel. He is affiliated with the Israeli National Rett Syndrome evaluation team and is a world expert in physical therapy for Rett syndrome. He has a special interest in physiotherapy and persons with intellectual disability, children with autism, Snoezelen and physical activity for people with intellectual disability.

Can wearable sensors distinguish stair descent and ascent in people with Parkinson's?

Fatemeh Tahavori
University of Southampton, United Kingdom

A wearable sensor can be used to provide feedback such as physical activity levels, step counts and energy expenditure. To date, the most popular commercial wearable sensor can identify lying, sitting, standing, walking and stair walking but not stair ascent and descent activities. We proposed a framework using machine learning algorithms and data from non-invasive wearable sensors to identify these activities across people with Parkinson's (PwP).

COMBINED AEROBIC AND RESISTANCE EXERCISE TRAINING CARDIO-PULMONARY FUNCTIONS AND BODY COMPOSITION OF INDIVIDUALS WITH BI-VENTRICULAR HEART FAILURE

Olufunke Adewumi Ajiboye
Lagos University Teaching Hospital, Lagos Nigeria

Dr. Olufunke Adewumi Ajiboye, is the Director / Head, Physiotherapy in Lagos University Teaching Hospital, Lagos Nigeria. She has published more than 17 papers in peer reviewed Journals of International Standard and has presented her research outcomes in more than 18 Conferences both at National and International level. Part of her research outcome won the best Poster presentation Award from Africa Region in Singapore at WCPT in May 2015. Many of her research outcomes had won Awards at national and international level. She won Fellowship Award from Nigeria Society of Physiotherapy in 2014 and Award of Excellence from Nigeria Society of Physiotherapy in 2015. She was recently elected as a Council member of the National Postgraduate Physiotherapy College of Nigeria. She is a fellow of and member of Nigeria Society of Physiotherapy Reform Committee and also a member of Governing Board of University of Abuja Teaching Hospital, FCT, Abuja Nigeria.

Applications of Virtual Reality Technology in Rehabilitation

Călin Corciovă
University of Medicine and Pharmacy “Grigore T. Popa” Romania

Mr. Călin Corciovă is a graduate of the Faculty of Medical Bioengineering at the University of Medicine and Pharmacy "Grigore T. Popa" Iasi and PhD in electrical engineering. Currently he is associate professor in this university, having teaching and research activity at the disciplines of Biomedical instrumentation and physiological measurements, Biomedical instrumentation for rehabilitation, Human performance evaluation. In recent years, it has focused on researching, designing and building modern devices using high technology for medical assessment and recovery.

Free-living activity recognition for people with Parkinson's using single inertial sensor

Maitreyee Wairagkar
University of Southampton
UK

Maitreyee Wairagkar has completed MEng in Artificial Intelligence and Cybernetics from the University of Reading, where she is now pursuing her PhD in Cbernetics working on Brain Computer Interfaces. She is also a Research Fellow at the University of Southampton, SPHERE group working on activity recognisition and energy estimation from inertial sensors using machine learning techniues. She is intersted in understanding human movement using inertial sensors, motion capture and physioloical signals like EEG to develop neurorehabilitation technologies.

Snehal Patel
M.S. (PT) from University of Pittsburgh
India

Smoking, especially cigarette smoking, is one of the main causes that lead to preventable deaths all over the world. As per an estimate drawn by World Health Organization, there are around 94 million smokers in India and amongst them 14 million are suffering from COPD. With the highly addictive nature of nicotine in cigarettes, smoking cessation is extremely difficult. It is the major cause of decline in respiratory functions and physical fitness in terms of both performance and endurance

Correlation between the Fall Risk Assessment Tool [FRAT] Biodex Fall Risk Assessment in the Elderly - An Observational Study

Abdulaziz Said M Alahmari
University of Hail,
Saudi Arabia.

Abdulaziz Said M Alahmari is a Internee of Bachelor of Physical Therapy program from the Department of Physical Therapy, college of Applied Medical Sciences. This research is a part of his Internship Research Project for the bachelor program. He is interested in the Orthopedic rehabilitation and wishes to join master program in musculoskeletal rehabilitation.

Posturography study of balance in patients with Osteoarthritis of Knee joint

Nauwaf Ali M Almoshaiqeh
University of Hail,
Saudi Arabia.

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Dynamic Gait Analysis in healthy collegiate adults with obesity

RakanSfouq AlMathour
University of Hail,
Saudi Arabia.

Rakan is a final year bachelor of Physical Therapy student from the Department of Physical Therapy, college of Applied Medical Sciences. This research is a part of his Research Project for the bachelor program. Rakan is the topper of his class. He presented a poster about the biomechanics of hip in Qatar International conference last year in Doha. He is interested in the Orthopedic rehabilitation and wishes to join master program in musculoskeletal rehabilitation.

The Relationship Between The Foot Pressure Pattern And Spinal Curve Changes During First Pregnancy

Abbas Rahimi

Shahid Beheshti University of Medical Sciences, School of Rehabilitation,
Iran

Mr. Abbas Rahimi has completed his BSc. & MSc. Degrees in Iran in physiotherapy and PhD from the University of Nottingahm, Queens Medical Center in Sports Medicine in 2001. He is a university professor at the School of Rehabuilitation and teaches both undergraduate and postgraduate physiotherapy students. His main interests are sports physiotherrapy, particularly ACL-deficient and ACL-reconstructed knees and Motion Analysis systems. He has published more than 80 papers (50 in domestic and 32 in ISI/Pubmed/Scopus journals).

Step detection and step variance analysis for older participants using an inertial sensor

Louis Swaidani
University of Southampton
United kingdom

Louis Swaidani was awarded his Meng in Mechanical Engineering at the University of Bath and an MSc in Cybernetics at the University of Reading where he is now completing his PhD. He is currently a Research Fellow in SPHERE research group at the University of Southampton, working on activity recognition in people with Parkinson's using inertial measurement sensors.

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Universitatii Street, Iasi,
Romania

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INDIBA® activ radiofrequency treatment at 448kHZ and INDIBA® Fascia soft-tissue treatment procedures can induce significant thermal skin adaptations that remains for a prolonged period.

Konstantinos Fousekis
Technological Educational Institute of Western Greece, Greece .

Konstantinos Fousekis is an Associate Professor in Sports Physiotherapy at the Department of Physical Therapy, Technological Educational Institute of Western Greece. He is a Physiotherapist specializing in soft tissue mobilization techniques (IASTM). He has years of experience in treating musculoskeletal and sports injuries and is a Professional Physical Therapist for several professional soccer teams. His research interests deals with the assessment and rehabilitation of sports and musculoskeletal injuries using IASTM techniques. In cooperation with Konstantinos Mylonas, he created the ERGON® IASTM Technique as a basic treatment of painful and non-musculoskeletal disorders.

The effect of three different angles of application of ERGON® IASTM Technique on hamstrings thermal skin responses.

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Hamstrings thermal skin adaptations after 10 minutes treatment with INDIBA®activ radiofrequency treatment at 448kHZ and INDIBA® Fascia Treatment.

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The effects of Kinetic Flossing Technique in the treatment of Lateral Elbow Tendinopathy: a case study.

Pavlos Angelopoulos

Educational Institute Of Western Greece.

Angelopoulos Pavlos Pt, MSc (cand), is a Clinical Physiotherapist, Sports Physiotherapist, Soft Tissue Practitioner, Educational Director of Kinetic Flossing Technique and Master Trainer of Ergon IASTM Technique.

Pavlos Angelopoulos completed his Bachelor Science degree of Physiotherapy in Technological Educational Institute of Western Greece. His Bachelor Thesis was associated with therapeutic techniques for Delayed Onset Muscle Soreness and it earned the Award for the Best Thesis at Panhellenic Physiotherapy Conference of 2014.

Effects of Kinetic Flossing Technique on Shoulder Flexibility and Functional Performance

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Study on Supercapacitor Equivalent Circuit Model based on the simulation

zhiwei li
Inner Mongolia University of Technology,china.

Zhiwei Li has completed his Bachelor Degree in 2016 from the Dezhou university. And he has been studying at the graduate level in Inner Mongolia university of technology. He took part in a new energy innovation competition and obtained the first prize in the college. He is studying the new energy application of lithium-ion supercapacitor. And he has published one paper in journals.

Effect of Kinesotape versus TENS and Exercises in dynamic balance and functional performance in Patients with Grade II Knee Osteoarthritis in Al-Neelain out-patient clinic of physiotherapy.

HALLA TAJ EL-SIR AHMED
AL Neelain University

Halla has completed her MSc (orthopedic physiotherapy) at the age of 25 years from postgraduate college at Al-Neelain University. She is lecturer at Jouf University- KSA.

Prevalance of frozen shoulder in diabetic patients (40-60 year)

Moazma
BBH Hospital Rawalpindi
medical university
Rawalpindi, Punjab, Pakistan

Dr. Moazma has completed her BS Physiotherapy at the age of 23 years from University of Helth Sciences Lahore and Post Proffesional Doctor of Physical Therapy from Isra University Islamabad . She is senior Physical Therapist of Rehabilitation Sciences department of benazir Bhutto Hospital.

Work- related musculoskeletal disorders amongst office administrative workers at Tswaing sub-district at Delareyville during September 2015

Saima Latif Abdul
Sefako Makgatho Health Sciences University

I Saima Latif Abdul a 25 year old Physiotherapist has completed my Bsc Physiotherapy and Honours Degree at the age of 23 years in the year 2016 from Sefako Makgatho Health Sciences University in South Africa. I am currently working as a Physiotherapist at Weskoppies Psychiatric Hospital in Pretoria, South Africa. I have the above Research Proposal that I had done on a small scale base during my 4th year of studying during a community outreach block through my University with my lecturers and the necessary personnel in charge providing me with ethical clearance that I am submitting to you. This research has not been submitted to any ethics committee and does not have a ethical clearance number. Please note that this is my own work of thought. I hope to hear a favourable response from you.

EFFECTIVENESS OF INTERMITTENT COMPRESSION AND DECOMPRESSION WITH GLIDE IN STAGE 3 of KNEE OSTEOARTHRITIS

Dr Abdul Haseeb Bhutta (PT)
Helping Hand Institute of Rehabilitation Sciences, Riphah Internationl University, Mansehra Pakistan

Dr Aabdul Haseeb Bhutta is currently enrolled in M.Phil Sports Medicine & Manipulative Physical therapy at Isra University Islamabd Campus. Completed 5 year Doctor of Physical Therapy program from Isra University Islamabad Campus at the age of 24 years.. He is the Incharge Research and Ethical Commetee of Helping Hand Institute of Rehabilitation Sciences. Along with that he is also a Lecturer of Physical Therapy at Helping hand institute of Rehabilitaion Sciences, a comprehensve rehabilitation Non Government Organization. He has published more than 1 papers in reputed journals and has been serving as a member of Research society. .

Cupping therapy versus interferential cupping therapy on mechanical low back pain

Ahmed Assem Abd El Rahim

Mechanical low back pain is an important public health problem affecting social and physical performance. **Purpose:** The purpose of this study was to investigate the effect of cupping therapy with interferential therapy on mechanical low back pain.

"Rasterstereographic surface analysis of spine in chronic mechanical low back pain- An Observational Study".

Abdulaziz Saad Aljerwan
University of Hail,Saudi.

Abdulaziz Saad Aljerwan is a final year bachelor of Physical Therapy student from the Department of Physical Therapy, college of Applied Medical Sciences. This research is a part of his Research Project for the bachelor program. He is interested in the Orthopedic rehabilitation and wishes to join master program in musculoskeletal rehabilitation.

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Ankle-Brachial Index Measurements using non-mercury oscillometric sphygmomanometer with the standard Doppler ultrasound technique -

Saleh Nasser Alhammad,
college of Applied Medical Sciences.

Saleh Nasser Alhammad is a final year bachelor of Physical Therapy student from the Department of Physical Therapy, college of Applied Medical Sciences. This research is a part of his Research Project for the bachelor program. He is interested in the Orthopedic rehabilitation and wishes to join master program in musculoskeletal rehabilitation.

"Impact of obesity in sensory integration of balance control in healthy collegiate students"

Saleh Yahya Altayar,
College of Applied Medical Sciences.

Saleh Yahia is a final year bachelor of Physical Therapy student from the Department of Physical Therapy, college of Applied Medical Sciences. This research is a part of his Research Project for the bachelor program. Saleh is the second topper of his class. He is interested in the Orthopedic rehabilitation and wishes to join master program in musculoskeletal rehabilitation.

Effectiveness of a short-term use of a minimalist footwear versus insole on pain, function and plantar load in womens with plantar fasciitis and calcaneus spur: a randomized controlled trial.

Ana Paula Ribeiro
University of Sao Paulo, School of Medicine, Sao Paulo/SP, Brazil.

Ana Paula Ribeiro is a graduate in Physical Therapy and has completed his Ph.D by the University of Sao Paulo, School of Medicine, Sao Paulo/SP, Brazil, which
also is conducting Post-Doctoral studies at the same University. She is a Researcher and Professor, Program of Post-Graduation in Heath Sciences and Professor
at the School of Physiotherapy, University Santo Amaro, SP, Brazil, and Coordinator of the Laboratory of Biomechanics and Rehabilitation Musculoskeletal with
emphasis on research in the areas: Orthopedics, Sports injuries, Running and Gait Biomechanics, musculoskeletal disorders of the knee, ankle and foot (plantar fasciitis, knee osteoarthritis), and Corporal Posture and biomechanical changes in pregnant.

Analysis of interaction of different devices in a virtual reality task in individuals with Duchenne Muscular Dystrophy.

Bruna Leal de Freitas,
University of São Paulo, São Paulo, SP, Brazil.

Bruna Leal de Freitas has completed her Post-graduate Program in Rehabilitation Sciences - School of Medicine - University of São Paulo, São Paulo, SP, Brazil.

Anatomy and pathophysiology of the core muscles.

Sreeja. M.T.
University of Hail in Saudi Arabia.

Sreeja. M.T. is a Faculty Member of the department of Anatomy, College of Medicine and Applied Medical Sciences at University of Hail in Saudi Arabia. She has about 10 years of teaching as well as research experience in the field of Anatomy and its related field. She has completed post-graduation in Anatomy from the Faculty of Medicine, MG University, Kottayam, India in the year 2006. After her post-graduation she joined as Lecturer in KG Institute of health sciences where she was teaching the both under and post graduate students of Physiotherapy and Nursing institutes. Later in 2007 she joined as Lecturer in Al Azhar Dental college and her Anatomy teaching was for undergraduate dentistry students. In 2008 she joined as Lecturer, later promoted as Assistant Professor in MIMSR Medical college and served for about 5 years. She was teaching Anatomy, Embryology and Histology for the MBBS, BDS, BPT students. Now in University of Hail, she is teaching Medical, Dentistry, Applied Medical Science and Pharmacy students. Her research interests are gross anatomy, its variations, neuroanatomy, Histology and other medical related research.

Free-living activity recognition for people with Parkinson's using single

Maitreyee Wairagkar,
University of Southampton,UK.

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HALLA TAJ EL-SIR AHMED,
Al-Neelain University.

Halla has completed her MSc (orthopedic physiotherapy) at the age of 25 years from postgraduate college at Al-Neelain University. She is lecturer at Jouf University- KSA.

Positional Release versus NSAID in the Treatment of Patients with Mechanical Neck Pain

Hebatall maaz abdelrafi magbol,
Alneelain university & Aljouf university.

Hebatall maaz abdelrafi magbol. Physiotherapist from sudan ,MSc holder . lectuere at alneelain university & aljouf unversity KSA .

Quality of life after medial decompression by GTTH fibular osteotomy in knee osteoarthritis

Nimra Ijaz,
University of Health sciences.

Nimra ijaz has completed her BSc. Physiotherapy in 2015 from Lahore medical and dental college, Pakistan and postgraduate studies from University of Health sciences. Now working as a physical therapist in Ghurkhi Trust and Teaching Hospital.

The new treatment of Tennis elbow: Brachial plexus nerves involved in Tennis elbow syndrome

Mohammad kamali kakhki,
Mashhad University of Medicine.

Mohammad kamali kakhki has completed his M.D at the age of 25 years from Mashhad University of Medicine and studied in the field of Trigger point therapy, Palpitation anatomy and Massage therapy from Tehran University of Medicine. He works in Tehran Healthcare Clinic (west marzdaran, Tehran, Iran) and has 30 years experimental works on muscle, ligaman and nervous system.

Effects of pronator teres muscle friction massage on supination range of motion, strength in individuals with and without supination limited range of motion

Jun-hee Kim,
Yonsei University

Jun-hee Kim is a PhD candidate in the Department of Physical Therapy at Yonsei University. He is a senior researcher in Lab of Kinetic Ergocise based on Movement Analysis (KEMA) and involved in the research projects of Yonsei University in the focus on musculoskeletal rehabilitation through cooperating with the industry.

Effectiveness of a short-term use of a minimalist footwear versus insole on pain, function and plantar load in womens with plantar fasciitis and calcaneus spur: a randomized controlled trial

Ana Paula Ribeiro,
University Santo Amaro, Brazil.

Prof. Ana Paula Ribeiro has completed his PhD at the age of 29 years from University of São Paulo,
School of Medicine and postdoctoral studying from University of São Paulo, School of Medicine.
She is a Researcher and Professor, Program of Post-Graduation in Heath Sciences and Professor at
the School of Physiotherapy, University Santo Amaro, SP, Brazil

Changes in self-evaluated functional status of middle-aged women with knee osteoarthritis

Kelly Järvemägi,
Univerity of Tartu.

Osteoarthritis is a common degenerative joint disease that occurs most often in older people and is more common in women, with its occurence rising with age. Knee osteoarthritis (KOA) is the most prevalent disease that affects the knee joint and its surrounding tissues.

Developing a Virtual Reality Game for Vestibular Hypofunction

Laura Z Gras,
Ithaca College,USA

Dr. Gras is professor in the Department of Physical Therapy at Ithaca College where they teach neurorehabilitation. Dr. Gras has been a faculty member for 18 years and a physical therapist for 27 years. Her research is in fall prevention in older adults. Dr. Fishel has been a faculty member for 3 years and previously working in a rehabilitation setting. Her research is in the area of rehabilitation interventions for individuals with neurologic injury. Kat Crowe is a doctorate of physical therapy student in her final year of the educational program at Ithaca College.

Study on Supercapacitor Equivalent Circuit Model based on the simulation

zhiwei li,
Dezhou university.

Zhiwei Li has completed his Bachelor Degree in 2016 from the Dezhou university. And he has been studying at the graduate level in Inner Mongolia university of technology. He took part in a new energy innovation competition and obtained the first prize in the college. He is studying the new energy application of lithium-ion supercapacitor. And he has published one paper in journals.

"NEURODYNAMICS IN SOLEUS FUNCTIONAL RECOVERY. A CASE REPORT"

Llamas-Ramos,
University of Salamanca,Spain.

Inés Llamas Ramos has completed his PhD from University of Salamanca,Spain. She develops her professional work in Salamanca. She has been professor of the University of Salamanca, in the Department of Nursing and Physiotherapy. She has published articles about cancer and dry needling in reputed journals.

THERAPEUTIC EXERCICE IN THE PHYSIOTHERAPY TREATMENT OF LUMBER DISCECTMY

Llamas-Ramos,
University of Salamanca,Spain.

Inés Llamas Ramos has completed his PhD from University of Salamanca, Salamanca, Spain. She develops her professional work in Salamanca. She has been professor of the University of Salamanca, in the Department of Nursing and Physiotherapy. She has published articles about cancer and dry needling in reputed journals.

Early diagnosis of Knee Osteoarthritis to enable non-pharmacological treatment

Ann Tamm,
Tartu University Hospital.

Osteoarthritis (OA) is a leading cause of morbidity and disability, carries high socioeconomic costs. With increasing obesity and age in the population, a massive rise in morbidity and costs attributed to OA is expected. New concepts of early diagnosis and treatment of early OA conditions may improve outcoms and reduce disability and costs for OA, the most prevalent form of arthritis

Normative plasticity in physiotherapy: a scientific and ethical key issue

Martine Samé,

University degree in Functional Neuroanatomy (Paris)

Martine Same began her career as a Teacher of French Language and Literature in England and of English Language in grammar schools in Haute- Savoie (France). She then followed studies in Physiotherapy, and specialized in re-education (rehabilitation). She worked 20 years in the Paris region, both as a Physiotherapist and as a Teacher of Physiotherapy

Prevalance of frozen shoulder in diabetic patients (40-60 year)

Moazma,
Rawalpindi medical university

Dr Moazma has completed her BS Physiotherapy at the age of 23 years from University of Helth Sciences Lahore and Post Proffesional Doctor of Physical Therapy from Isra University Islamabad . She is senior Physical Therapist of Rehabilitation Sciences department of benazir Bhutto Hospital.

Syndrome of Contractures and Deformities" in Newborn and Babies and succeeded Problems in Adolescent and Adults. Diagnosis. Treatment

Tomasz Karski
University in Lublin
Poland

According to the author's experience deformities of the movement apparatus are caused by asymmetrical shortenings of the soft tissues – tendons, fascias, capsules and next due to pathological influence on growing body of the child. These shortenings had precisely described Prof. Hans Mau (Germany – Tübingen) as "Seven Contracture Syndrome" (SofC). Such a point of view stays in the contrary to the opinions of many orthopedic surgeons, rehabilitation and physiotherapist [Literature will be presented in lecture], who claim that all deformities in children in locomotors system are caused by "weak muscles". In Lublin to SofC we add (2006) bigger than normal varus deformity in shanks and we called this syndrome – Syndrome of Contractures and Deformities (SofCD)

Rome Attractions

















Glimpses of Euro Physiotherapy conference















