

Issue 15, March 2014

Message from the President



Prof. Marta Imamura
President of ISPRM

Dear members,

Please, do not miss the 8th World Congress of the ISPRM, to be held in Cancun, Mexico, on June 1-5th, 2014! You will be able to enjoy and acknowledge all achievements since we last met in Beijing, China, June, 2013. You are able to find the full scientific and social program at www.isprm2014.org!

It is a privilege and an honor to be serving you as President, after an extremely successful 2013 working year.

I would like to commend all ISPRM officers, committee members and Central Office interim Executive Director Louise Gorrige and assistant Lorraine de Montmollin for the dedicated, devoted and committed work that allowed the ISPRM to move forward in the “fast track” mode.

Following the ISPRM working agenda for 2013-2014, established during the strategic planning meeting in Houston in March 2013, ISPRM’s new mission statement was adopted during the Assembly of Delegates meeting in Beijing, in June 2013. The ISPRM current mission focus is on optimizing functioning and health-related quality of life and minimizing disability in persons with disability and/or medical problems throughout the world. This reviewed mission is fully aligned with the recently developed WHO Action Plan 2014-2021: better health for persons with disability! This plan has three

main objectives:

1. Address barriers and improve access to health care services and programmes;
2. Strengthen and extend habilitation & rehabilitation services, including integrating Community Based Rehabilitation and assistive technology;
3. Strengthen collection of nationally relevant and internationally comparable data on disability and support research on disability;

Our goal, to disseminate and share the highest standards of care currently available, in order to align PRM practice worldwide is now tangible for a much larger ISPRM community. Thanks to the new membership model adopted during the 7th World Congress of the ISPRM in Beijing, in June 2013, ISPRM membership grew from 5,497 (January 2013) to 12,004 ISPRM members (by the end of January 2014). The ISPRM also grew in terms of numbers of National Society members of the ISPRM (32 by January 2013 and 64 by March 2014). We were able to accomplish this task through greater efficiencies in our management structure, improved access to appropriate technologies, facilitation of knowledge transfer to individuals and increased benefits to members.

Aware of the importance of working closely with all our members and to enable physicians and researchers active in physical and rehabilitation medicine to develop and apply optimal care, we developed a novel global long distance online program to deliver up-to-date and state of the art courses and activities which are broadcasted live and simultaneously to several participating centers around the World. Over 200 participants took advantage of the ISPRM online courses on Robotics (International Course on Robotics and Rehabilitation), Non Invasive Brain Stimulation and Fascial Manipulation last year. In 2014, the ISPRM will be offering online courses on musculoskeletal ultrasound, scientific publishing (Let us write a manuscript), creating leaders in PRM (Inside the leadership circle: a series of in-depth conversations with the vanguards of Physiatry), chronic pain, pharmacology in pain management, Robotics (Interactive Robot-Assisted Rehabilitation: the new standard of care for upper extremity motor rehabilitation of severe to moderate stroke patients), evidence-based medicine, and more.

These online programs will facilitate access to information in order to promote the PRM specialty in all nine regions of the Globe. This will help to improve the knowledge, skills and attitudes of physicians in understanding the pathophysiology and management of impairments and disabilities. It will also assist in the dissemination and implementation of the recommendations described in the World Report on Disability (WHO & World Bank, 2011), the International Perspectives on Spinal Cord Injury (WHO & ISCoS, 2013) and the WHO Action Plan 2014-2021: better health for persons with disability.

The ISPRM education committee updated the developed Physical and Rehabilitation Medicine comprehensive curriculum for medical students.

The newly established ISPRM Clinical Sciences Committee, chaired by Prof. Henk Stam, endorsed two guidelines produced by the Philippine Academy of Rehabilitation Medicine (PARM) on stroke and low back pain. These are a valuable service to the membership as they display recommendations for best practices in PRM, through informed and evidenced based methodology. Other guidelines on mental conditions, internal medicine, pediatrics, geriatrics, and, sports rehabilitation are under preparation. These topics will be reviewed according to WHO services of leadership and governance, service delivery, human resources, technology, financing, and information systems

During 2013, mutual recognition agreements were signed between the ISPRM and the Asian Oceania Society for PRM (AOSPRM), the Pan-Arab Association of Physical Medicine and Rehabilitation (PAPMR); and with the sub-areas Baltic & North Sea Forum on Physical and Rehabilitation Medicine (BNF-PRM); the Mediterranean Forum of Physical and Rehabilitation Medicine (MFPRM) and the ASEAN Rehabilitation Medicine Association (ARMA). After signing these agreements with all nine ISPRM areas and sub-areas, the ISPRM is now exploring and promoting collaboration among governments, other non-governmental organizations, and organizations of persons with disabilities, business, and for profit organizations. These agreements will assist national societies to influence national and local governments on issues related to the field of PRM, and to provide the means to facilitate research activities and communication at the international level. With all such achievements, the ISPRM can provide mechanisms to facilitate rehabilitation medicine input to international health organizations, with special emphasis to the WHO Action Plan 2014-2021: better health for persons with disability.

We are truly fortunate to be leading the ISPRM at this time. We are truly privileged to be physiatrists!!

I invite you once again to join us in seizing this tremendous opportunity to make a significant and long lasting impact on those who are most in need and vulnerable in our society: over one billion persons with disability worldwide!

Sincerely,

Marta Imamura MD PhD
President, ISPRM

ISPRM Congress in Cancun

The Preliminary Scientific Program - Extended Version is Ready!!

[Click here...](#)

Dear colleagues,

The officers and the board of directors take great pleasure in inviting you to participate in the 8^o WORLD CONGRESS OF THE INTERNATIONAL SOCIETY OF PHYSICAL & REHABILITATION MEDICINE (ISPRM) to be held for the first time in Cancun, Mexico from June 1st to June 5th June 2014.

The organizing committee is assembling a spectacular academic program to integrate what is old and what is new in the burgeoning field of rehabilitation, it will count with the participation of some of the most notable professors in the each one of the areas of physical & rehabilitation medicine worldwide.

Cancun's ideal weather, strategic location, culture, natural beauty, as well as its world-class restaurants, hotels and shopping centers, offer participants a wide range of activities to pursue. Cancun is the ideal venue to bring together professionals from around the world for this wonderful continuing medical education event.

We hope you take advantage of early registration and the necessary arrangements to attend what will become one of the memorable activities of the decade.

We look forward to welcoming you in Cancun in 2014!

Cordially,

Juan Manuel Guzman G. (Mex.)
President of the 8^a World Congress
IACD



About Cancun

Cancun is Mexico's most important tourist destination and one of the world's most well-known resorts.

It offers the unparalleled beauty of the Caribbean Sea's turquoise-blue water and white-sand beaches. During your stay, you can do water sports, also find plenty of time to relax and enjoy the fine services offered in the hotelzone.

Nearby Cancun, you can tour the Mayan Riviera and check out Playa del Carmen, Xcaret and Xel-Ha, ancient Mayan ports that have been converted into modern-day paradises. Also nearby is Tulum, a fascinating archaeological zone by the sea.



Finally, you'll want to visit **Isla Mujeres and Cozumel** to live the unforgettable experience of snorkeling and scuba diving along the coral reefs.

Along the hotel strip, which spans more than 30 kilometers (nearly 19 miles), you'll find everything from villas and five-star hotels to exclusive resorts and spas. You'll also find modern shopping malls, more than 500 restaurants offering the best in national and international cuisine,

international cuisine, and numerous bars and discos where the parties rage all night long.

In the same way, you can also enjoy one of the **7 new wonders of the World: Chichen Itza**, which our ancestors conceived as a perfect city and now, is part of the world's treasures.

Here you will be transported to prehispanic time to discover the secrets of its more important buildings.



Adenosine A2A receptor antagonist ameliorated hyperactivity and cognitive deficit induced by traumatic brain injury in animal models

Saas Habib-E-Rasul Mullah, Jahanara Urmy,
Motoki Inaji, Tadashi Nariai, Satoru Ishibashi,
Kikuo Ohno

After traumatic brain injury (TBI), increased concentration of extracellular adenosine is considered as one of the role playing causes in the secondary brain damages. We examined if administration of adenosine A2A receptor antagonist may have efficacy in ameliorating neurological symptom by blocking secondary brain damage through cascades initiated by adenosine A2a receptor. Moderate fluid percussion brain injury was induced in Mongolian gerbils. Medication groups received i.p. injection of SCH58261 (selective adenosine A2A receptor antagonist) for different durations. Open-field locomotion test and grabbing test were conducted before and 1, 3, 5, 7 and 9 days after injury. In the grabbing test, grabbing time was significantly increased in TBI group on 3, 5, 7 and 9 days after the operation. Adenosine A2A antagonist successfully suppressed the trauma-induced hyperlocomotion presumably by blocking secondary brain damage.

[Read the article](#)

A boy with small stature: a case study

D. Aleksijević, V. Smolka, E. Klásková, P.
Venháčová, D. Krahulík, K. Michálková, V.
Mihál, J. Zapletalová

Brain injuries in- children and adolescents are a major cause of serious morbidity and mortality, and thus they become a serious medical and social problem. In the European Union countries the incidence of brain injuries is reported to be 185-250 cases per 100,000 children below 15 years old. About 6% of children die due to the injuries. The consequences in survivors may be different - from varying degree of disability to long-term cognitive, psychological or social problems.

In this case, a four-year old boy was admitted to a children's department after falling on his head. He had severe impairment of consciousness with tonic-clonic seizures (Glasgow Coma Scale 5/15), but he had a very positive response to treatment with growth hormones.

[Click here to read the article](#)

6th Jordanian & 8th Pan Arab Congress in Physical Medicine, Arthritis and Rehabilitation

It is our pleasure to invite you to participate in the 6th Jordanian & 8th Pan Arab Congress in Physical Medicine, Arthritis and Rehabilitation "*Rehabilitation without barriers*" which is organized by the Jordanian Society of Physical Medicine, Arthritis & Rehabilitation in collaboration with the International Society of Physical and Rehabilitation Medicine (ISPRM) and The Pan-Arab Association for Physical Medicine and Rehabilitation between May 13-16, 2014 at Le Meridien Hotel, Amman.

Dr. Khalil Abbadi
President of the Congress
President of the Jordanian Society of PM & R

[Click here](#) for general information
[Click here](#) for congress information

Upcoming 1st International and 3rd National Conference on Physical Medicine and Rehabilitation

Dear Colleagues,

It is my pleasure to invite you to the upcoming 1st International and 3rd National Conference on Physical Medicine and Rehabilitation, to be held at Rawalpindi, Pakistan from 4th -6th April 2014. The conference is being hosted by the Armed Forces Institute of Rehabilitation Medicine (AFIRM), Rawalpindi, Pakistan in collaboration with Pakistan society of Physical Medicine and Rehabilitation.

This would be the first conference of its kind in the specialty of PM&R and Rehabilitation Sciences in Pakistan. The speakers include an international star faculty from US, UK, Canada, Brazil, China, Australia, Saudi Arabia, UAE, Malaysia, Iran and Turkey.

Eleven pre-conference workshops have been planned on diverse topics including research in PMR, chronic pain management, kinesiotaping, musculoskeletal ultrasound and electrodiagnostics.

I am sure this will be of interest to you.

For further details visit the website <http://www.rehabcon2014.com.pk> and [click here](#) to see the brochures and [click here](#) to see the posters attached.

Regards,
Dr. Farooq Rathore

ISPRM Committees: become active and participate!

As members of ISPRM, you have the opportunity to bring your contribution to many projects in Physical and Rehabilitation Medicine worldwide! You will find the list of all committees and task forces by [clicking here](#).

Apply today to one or more ISPRM working groups by sending your CV to Walter Frontera, ISPRM Secretary secretary@kenes.com mentioning the committee you would like to join.



In honor of Prof. Wahid Soltan

Prof. Dr. Wahid Soltan was born in 1945 at Almansoura Governorate in Egypt. He was graduated from Faculty of Medicine, Almansoura University in 1970. He took his residency training at Cairo University during 1972-1974. He got a diploma of internal medicine in 1973; then a diploma of physical medicine in 1975 from Cairo University. Then, he became assistant lecturer in the Department of PM&R, Faculty of Medicine, Almansoura University (as the 1st staff member in PM&R at Almansoura University) since 1975

In honor of Prof. Dr Hasan Elshahaly

“Prof. Dr Hasan Elshahaly, Vice-president of the Pan-Arab Association of physical medicine and rehabilitation, president of the Egyptian society of rheumatology and rehabilitation, died in Feb 3rd, 2014.

He was an outstanding supporter of the PAPMR and contributed much wisdom and humanity. Despite difficulties in recent years, he continued to participate in all meetings and activities and was instrumental in the plans for moving onto the future. His generosity with his time and advice was greatly valued by all of us.

He was a true friend as well as a colleague. He made many great contributions to rheumatology and rehabilitation which are detailed at his biography. His loss is deeply felt by all.”

Mohammed Hisham Tenbakji, MD,
President of the Pan-Arab Association of Physical Medicine & Rehabilitation

“We all honor Prof. Dr Hasan Elshahaly, president of the Egyptian society of rheumatology and rehabilitation; and emeritus professor of physical medicine, rheumatology & rehabilitation in Suez Canal University at Ismailia. He was the first staff member in the dept of rheumatology & rehabilitation in Suez Canal University since 1987. He was a close friend and colleague. Besides, he had been a supporter and a fighter for the development of our specialty. He improved the activity of the

until he got the doctor degree in PM&R in 1981. Since 1981 he worked at Almansoura University as lecturer for 5 years then as assistant professor for 5 years. He became a professor in PM&R at Almansoura University in 1991. He became the head of the department of PM&R at Faculty of Medicine, Almansoura University for 6 years (1996-2002). In 2005 he became emeritus professor of PM&R at Faculty of Medicine, Almansoura University. He was elected as the president of the Egyptian society of Rheumatology & Rehabilitation for 2 years during 2005-2007.

Attached is a photo of a group of professors from Mansoura University next to Nile river in Cairo.

Dr Wahid Soltan is the 2nd person from right (with yellow neck tie)

By Dr. Tarek Shafshak
Egyptian Society of Rheumatology &
Rehabilitation

Egyptian society of rheumatology and rehabilitation, especially in continuous medical education. He did a lot to improve intervention physiatry in Egypt."

Tarek Shafshak,
Professor of PMR, Alexandria University, Egypt

"Dr. Hasan El Shahaly was a Man with great enthusiasm for the development of our specialty and we all honor him. Especially the members of the Mediterranean Forum of PRM will feel poorer with his absence"

Prof. Nicolas Christodoulou, MD, PhD, SPRM(GR),
President of the UEMS PRM Section,

"We will remember him as a hard working and enthusiastic fighter for the rights of patients and progress of Rehabilitation Medicine around the globe."

Dr. Klemen Grabljevec
President of Slovenian Society for PRM

"It is with deep sadness that I receive the message of the passing of Prof.Hasan Elshahaly. He was a great supporter of the specialty and assisted in the organization of the first Pan Arabic Session at the 7th World Congress of the ISPRM in Beijing last June. He delivered an outstanding lecture and I am sure that his colleagues and students will provide the World with the valuable teachings of Prof. Elshahaly. During the WHO Executive Board, a strong support was given to the agenda item on strengthening of palliative care as a component of integrated treatment throughout the life course. Spiritual needs are to be addressed and I am sure that this is the strength that we all

History of Physical Medicine and Rehabilitation in Turkey

1-Osman Hakan Gündüz, M.D.,
Prof., Physiatrist, Pain Medicine
Specialist
2-Savas Şencan, M.D.,
Physiatrist, Pain Medicine fellow,
3-Özge Keniş, M.D., PM&R
resident

The first orthopedic gymnasium was founded in 1897, in Mersin by the Tahinci family and the first “medicomechanic department” was founded in 1904 at the Massachusetts General Hospital. But up until the end of World War II, the use of physical modalities, hot springs, exercise, and diet modifications was viewed as un-scientific, even quackery, by most medical professionals. After the war, physicians realized the need for new approaches in treating conditions causing disability: conditions such as arthritis, paralysis, fractures, and dislocations. The need for physical therapy and rehabilitation first emerged in military hospitals all around the world for the early and complete treatment of injuries related to the war. Therefore, the first studies of effectiveness began in military hospitals, followed closely by civilian hospitals. Tıbbiye-I Mülkiye (today Istanbul University) started to develop a physical medicine and rehabilitation (PM&R) department in 1929, while other hospitals started to develop departments in 1935.

[click here to read more](#)

need at the moment.

I would like to place my sincere condolences to his beloved family and colleagues of the Egyptian Society.”

Marta Imamura
President, ISPRM

[Click here to Dr Hasan Elshahaly's achievements](#)

A History of Rehabilitation in Spain: from the first ideas to the consolidation of a medical specialty

Authors: José M. Climent , Amparo M. Assucena

In Spain, PRM has been an official medical specialty since 1969, although the existence of such clinical activity has been known since the nineteenth century, as will be seen further on. Nowadays, rehabilitation is going through a period of increasing diffusion through the country as a result of its firmly-established hospital structure and of the post-graduate medical training system that promotes and guarantees 70 new accredited PRM specialists per year.

[Click here to read more](#)



MediGrip

Research Into Practice

Introduction to MediGrip Smartphone Application

ISPRM continues to support MediGrip Smartphone Application. MediGrip is a free smartphone application of ISPRM. This app is available on iPhones and Android phones. ISPRM strongly supports the ambition to connect research and clinical practice. Clinicians experience difficulties in keeping up to date with relevant and recent research. Therefore the editors of MediGrip select every day of the week, 365 times per year an interesting publication and provide the users with a short comment and a link to the full paper on PubMed. This service is free of charge and accessible all over the world. In 2013 MediGrip has been visited about 35.000 times. ISPRM members are kindly invited to download this app on their phones or to visit the website www.medigrip.org.

The editors appreciate any feedback that may help to improve this service to the P&RM community.

H.J. Stam, chief editor.



Why ISPRM collaborates with WHO?

The International Society for Physical and Rehabilitation Medicine (ISPRM) defines its role as the world's leading organisation in the field of rehabilitation medicine (www.isprm.org). Its activities correspond to three main mandates that are professional, scientific and humanitarian ([9]DeLisa et al. 2009). Consequently, ISPRM defines its mission and aim not only at “the improvement of knowledge, skills and attitudes of physicians”, but also “to help improve quality of life for people with impairments and disabilities” as well as to “facilitate rehabilitation medicine input to international health organizations...”

[Click here to read the 66th WHA Statement](#)

[Click here](#) to read the letter from the Chair of the WHO Liaison Committee.

First International Symposium for Pediatric Rehabilitation in the Eastern Province

There is a high prevalence of children and young adults with disabilities in the Kingdom of Saudi Arabia. We are running a symposium on Pediatric Rehabilitation in Saudi Arabia 10th-11th September 2014. This is the first symposium of rehabilitation of children in this part of the world.

[Click here](#) to see more information

Rehabilitation Disaster Relief Committee participates in PARM "Haiyan" Mission & 40th Annual Convention

ISPRM support of the *Typhoon Haiyan (Yolanda)* response has continued with disaster relief committee participation on a relief and medical mission to Tacloban and Burauen, Leyte, Philippines on 17-8 February, 2014. CRDR Secretary Dr. James Gosney joined the *Philippine Academy of Rehabilitation Medicine (PARM)* host team along with ISPRM members of the *Philippine American Physiatrist Association (PAPA)* Drs. Rochelle Dy, Ernesto Cruz and Charles DeMesa. A base needs analysis was performed in the Barangay San Jose 'tent city' on the first day with the assistance of local community health workers, identifying 1200 persons with



medical conditions including 34 persons with disabilities. 1200 hygiene kits were also distributed. 350 persons were evaluated the following morning in the heavily impacted rural community of Burauen of which 62 had musculoskeletal injuries, most sustained during clean-up and rebuilding in the wake of the typhoon. The mission concluded with an on-site consultation with *Handicap International* regarding its emergency rehabilitation programming in the community. Beneficial CRDR participation in the mission suggests a direct role for committee member involvement in future large-scale, sudden onset natural disasters.

[Click here](#) to read the article



PARM PAPAmision team at Burauen, Leyte, Philippines



Seeing patients at Burauen Leyte



CRDR Secretary James Gosney receives plaque of appreciation from PARM



Yolanda victims at San Jose, Tacloban, Leyte

Journal of Rehabilitation Medicine

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ISPRM World Congresses



8th ISPRM World Congress,
June 1 - 5, 2014, Cancun,
Mexico

www.isprm2014.org

Congresses & Events in the PRM World

March- June 2014

**10th World Congress on Brain
Injury**

San Francisco, USA

March 19-22, 2014

[> More info](#)

**8th World Congress for
NeuroRehabilitation**

ENSF Travel Grant

ENSF grants are awarded to promising scientists in diverse fields of research and covers biology, chemistry, medicine, physics, mathematics and environmental science both in pure and applied sectors. Click on the following link to fill in the application form: <http://www.ensf-ngo.org/new/appforms.php>. [Click here](#) to read the guidelines.



9th ISPRM World Congress,
June 19-23, 2015, Berlin,
Germany
www.isprm2015.org

Istanbul, Turkey
April 8-12, 2014
> [More info](#)

6th Jordanian & 8th Pan Arab Congress in Physical Medicine, Arthritis and Rehabilitation

Le Meriden Hotel, Amman,
Jordan
May 13-16, 2014
> [More info](#)

EUROPEAN PRM CONGRESS ESPRM-SOFMER MARSEILLE 2014

Marseille, France
May 26-31, 2014
> [More info](#)

8TH ISPRM WORLD CONGRESS – CANCUN, MEXICO

Cancun, Mexico
June 1-5, 2014
> [More info](#)

> [See more events](#)

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Chair & Editor: Ralph Buschbacher

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