

November 2018 | Volume 8 | ISSN: 2165-7025



Proceedings of 6th World Congress on

# PHYSIOTHERAPY & REHABILITATION

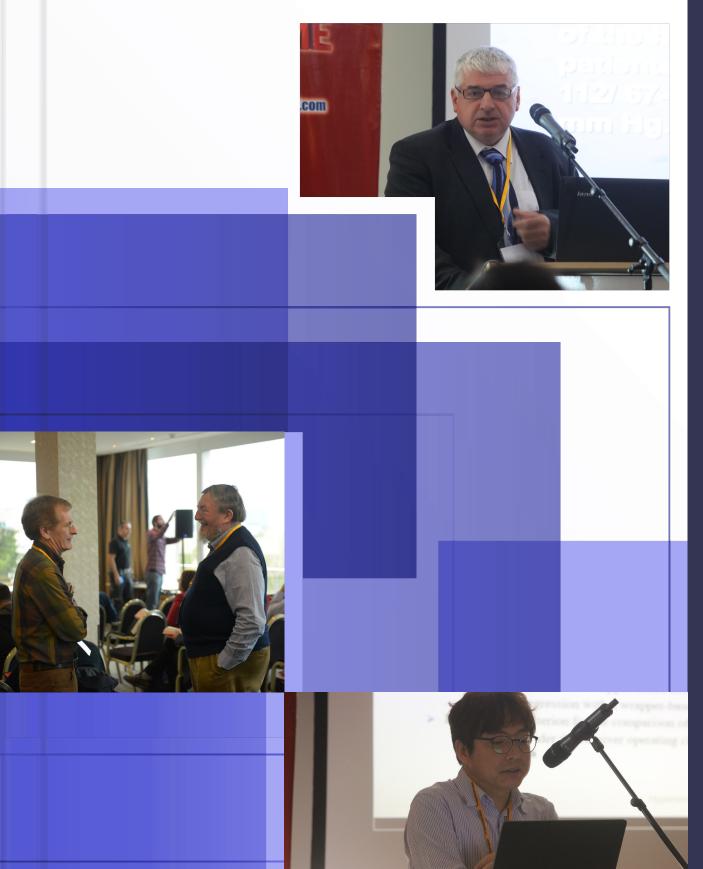
November 12-13, 2018 Dubai, UAE



6<sup>th</sup> World Congress on

## PHYSIOTHERAPY AND REHABILITATION

November 12-13, 2018 Dubai, UAE



Keynote Forum (Day 1)

6th World Congress on

# Physiotherapy and Rehabilitation

November 12-13, 2018 Dubai, UAE



Dagmar Pavlu
Charles University, Czech Republic

#### **Brugger concept**

In early 1950s Swiss neurologist Brugger developed a concept of "diagnostic and treatment of functional disorders of locomotors system". His approach is widely used in Europe, particularly in German-speaking countries. Many of the principles of Brügger's work are now considered part of the modern "standard care" areas, in which can be used today Brugger concept or therapeutical elements from this concept, will be presented and documented by examples of research. Focus will be done on demonstration of various procedures and/or exercises to increase muscle synergy, to influence coordination and to improve stability. As a very beneficial procedures in Brügger concept is functional elastic resistance training with Sanctband, which can be optimally design and adapt to all stages of recovery or treatment procedure in the physiotherapy and also in sport area. How to achieve optimal result in therapy and/or training, which must be carefully planned and functional establish, will be also discussed in the presentation.

#### **Biography**

Dagmar Pavlu has her interests in the physiotherapy and clinical kinesiology. She is an Associate Professor at Charles University, Faculty of Physical Education and Sport (UK FTVS) and is a Guarantor of study programs in physiotherapy at the faculty. She was the President Physiotherapists of the Czech Republic (till 2014) and from 2004-2008. She was the Vice Chairman of ER WCPT (European Region of World Confederation for Physical Therapy). She is a Member of Executive Board of Association of Rehabilitation and Physical Medicine in the Czech Republic. She is the author of two monographs and more than 150 special articles in journals. Her current research interests include analysis of the effect of physiotherapeutical methods.

pavlu@ftvs.cuni.cz

6th World Congress on

# Physiotherapy and Rehabilitation

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# Silverio De Rocca

M P R International School, Switzerland

#### Mio-functional postural rehabilitation

Mof the body, used at any age, in the dysfunctional patients and stroke patients. In medical sciences usually we have relapses in our treatments and we are not aware of patients with chronic pain, sometimes patient's visits for several specialists, without results. After that journey, they are considered as psychiatric patients and the specialist is disappointed. This happens because does not have a holistic optic in ours therapies, a major cause for which this happens is the negative action of the stomatognathic system on the static posture altering the function of other receptors like eye and foot. Dysfunction treatment should be carried identifying the origin of the disease and therapeutic priority. The MPR will teach you to identify it and treat the disease with natural and physiological treatments.

#### **Biography**

Silverio Di Rocca has completed graduate degree in Dentistry, Postgraduate degree in Functional Orthopedics both from the University of Buenos Aires, Argentina. He has also completed a degree in Dentistry and Prosthetic at the University of Turin, Italy and a Doctorate in Dentistry and Prosthetic at University of Turin, Italy.

sdirocca@gmail.com

**Notes:** 

**6**<sup>th</sup> World Congress on

## PHYSIOTHERAPY AND REHABILITATION

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Keynote Forum (Day 2)

6th World Congress on

# Physiotherapy and Rehabilitation

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Gopa Kumar
Core Physio, India

#### Dynamic taping - A biomechanical taping approach

Dynamic taping works on load absorption; manages load and improves pattern of movement, Bungee cord effect describing the end point of deceleration and rebound effect creating resistance over the movement. The management of load, movement and function permeate many physiotherapeutic interventions and for good reason. Load has been shown to induce tendinopathy and drive it through its various stages but is also essential in recovery. A combination of tensile load (overuse) and compressive load is most detrimental and tendons respond differently to different types of loading at different stages of the pathology. Specificity of loading is critical. Biomechanical evaluation and intervention is regularly incorporated into the management of musculoskeletal conditions. Alterations in kinetic and kinematic factors can be identified and addressing such factors can improve pain and function. Effect of dynamic taping in comparison with other taping methods has shown load absorption with the resistance provided by the tape. Dynamic Tape gives you springs.

#### **Biography**

Gopakumar is a Physiotherapist in Nagawara, Bangalore and has an experience of 21 years in this field. Dr. Gopakumar practices at Aster clinic in Nagawara, Bangalore and Aster Clinic in Yelahanka, Bangalore. He completed BPTh/BPT from Govt College of Physiotherapy, Chennai in 1996. He is a member of Indian Association Of Physiotherapy, Member of dynamic taping international, Australia and Member of IASTM International, Germany. He is the founder CEO of Core Physio, India.

admin@corephysio.in