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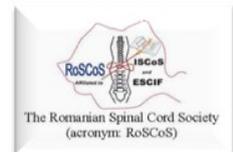
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National Congress of Physical and Rehabilitation Medicine & Balneology

with international participation

Timișoara, 1 - 5 September, 2023

Romania



Asociația Română de Balneologie (ARB)



Thematic Areas

Balneoclimatology - Therapeutic sanogenic natural factors

- **Mineral waters - food and natural therapeutic factor**
- **Peloids (therapeutic mud)**
- **Climatology**
- **Thalassotherapy**
- **Therapeutic gases (mofettes, solfataras)**
- **Therapeutic salt mines and caves (Speleotherapy)**

Physical Medicine and Rehabilitation & Balneology (PRM&B) in

- **Neurological / Neurosurgical disorders**
- **Musculo-skeletal disorders**
- **Pediatric disorders**
- **Geriatric disorders**
- **Cardio-vascular disorders**
- **Respiratory disorders**
- **Endocrine / Metabolic disorders**

Aspects of ethics and / or legality in PRM&B

Public Health and Sanitary Management in PRM&B

Health tourism and marketing for Balneal Medical Resorts

Healthy lifestyle

- **Healthy and Active aging**
- **Balneoclimato-prophylaxis, Wellness and Fitness**

Physio- / Kinesio - therapy

Mechatronic / robotic interventions in medical rehabilitation

Interventions to increase performance and / or therapeutic-rehabilitation in sports medicine

Holistic / integrative interventions

Education and scientific research

Varia



International Society of Medical Hydrology and Climatology



Romanian Association of Balneology



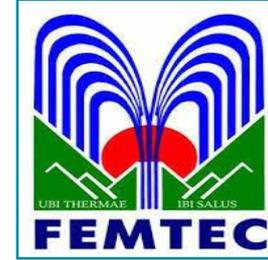
Romanian Society of Physical and Rehabilitation Medicine and Balneoclimatology



"Victor Babes" University of Medicine and Pharmacy in Timisoara



World Hydrothermal Organization



World Federation of Hydrotherapy and Climatotherapy



"Carol Davila" University of Medicine and Pharmacy in Bucharest



Emergency Clinical Hospital "Bagdasar-Arseni"



"Grigore T. Popa" University of Medicine and Pharmacy from Iasi



"Ovidius" University of Constantza



University of Medicine and Pharmacy of Craiova



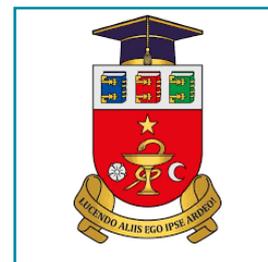
UMF Iasi - Faculty of Medical Bioengineering



"Dunarea de Jos" University of Galati



Oradea University



"Nicolae Testemitanu" State University of Medicine and Pharmacy of the Republic of Moldova



National Institute of Rehabilitation, Physical Medicine and Balneoclimatology



"Titu Maiorescu" University, Bucharest



"Stefan cel Mare" University of Suceava

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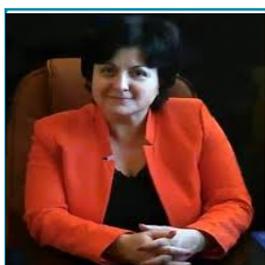
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**Conf. Univ. Dr.
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Romila**



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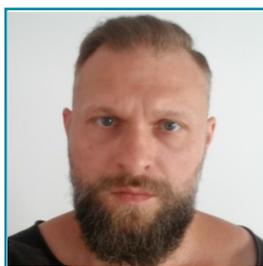


**Șef lucrări Dr. Doinița
Oprea**

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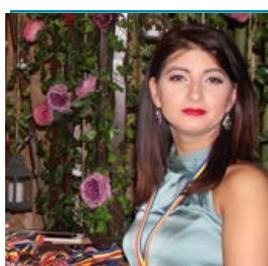
Dr. Mihai Băilă



Kt. Alexandru Pandrea



Kt. Drd. Radu Mihai Avram



FKt. Viorela Bembea



Ana Elena Stoian



Camil Filimon

01 September 2023

08,00 - 09,00 Opening Ceremony

09,00 -11,00 **Session 1 - International Session**

Chairmen: **Luigi Tesio, Gelu Onose, Olga Surdu, Constantin Munteanu**

- L01 Prof. dr. Luigi Tesio - Pathophysiology of Low Back Pain: A New Venous/Mechanical/Inflammatory (VEMIN) Integrated Model
- L02 Prof. dr. Francesca Gimigliano - WHO Resolution: Strengthening Rehabilitation in the Health Systems
- L03 Prof. dr. Fausto Bonsignori, Presidente AMIITF - Italian thermalism between tradition and innovation
- L04 Prof. dr. Gelu Onose, Assoc. Prof. Vlad Ciobanu, Assoc. Prof. Liliana Pădure, Cristian Gabriel Morcov, Veronica Maria Morcov Current overview reappraisal on essays towards systematizing clinical assessment instruments used to evaluate neurofunctional deficits after spinal muscular atrophy including through the ICF-(DH) conceptual framework
- L05 Nghargbu K'tso, Suleiman Muhammad Mustapha - Computer applications in medical geology: an example of "BALNEO-CHECK"
- L06 Davide Rossi - The polyfluoromethylsopropyl ether as a surface tensiometry liquid for peloids quality assessment
- L07 Constantin Munteanu, Mihail Hoteteu, Diana Munteanu, Gelu Onose - Challenges and Opportunities for Romanian Balneology in the Era of Artificial Intelligence: An Academic Future Perspective
- Online interventions from prestigious personalities in the field at an international level - open discussion

11,30 -13,30 **Session 2 - Therapeutic natural factors / Metabolic Disorders**

Chairmen: **Constantin Munteanu, Gabriela Dogaru, Simona Carniciu**

- L08 Mariana Varodi, Gabriela Dogaru - Sapropelic mud from Ocna Sibiului - biological effects, therapeutic indications, perspectives
- L09 Adina Dușe, Anca Dinu, Georgeta Sînmărghișan, Mihai Drăgoi, Ada Codreanu, Andreea Vătăman, Răzvan G. Drăgoi - The use of mineral waters from Banat-Crișana hydrographic area as natural therapeutic factor
- L10 Gabriela Dogaru, Constantin Munteanu - Didactic spa resorts - Summer School
- L11 Simona Carniciu - Interorgan crosstalk: role of soleus muscle in glucose metabolism regulation
- L12 Lucian Stanciu, Doroteea Teoibaș-Șerban, Stefan Cuculici, Corneliu - Dan Blendea - Restitutio ad integrum after distal radial epiphysis fractures
Q&A -10 min.

14,30 -16,30 **Session 3 - Physical and Rehabilitation Medicine & Balneology**

Chairmen: **Răzvan Drăgoi, Simona Pop, Gabriela Dogaru**

- L13 Adina Dușe, Anca Dinu, Georgeta Sînmărghișan, Mihai Drăgoi, Ada Codreanu, Andreea Vătăman, Răzvan G. Drăgoi - Buziaș Resort - History, Natural factors and Climatology
- L14 Gabriela Dogaru, Daniel Oltean-Dan, Vasile Rus - The effects of carbonated mineral water and mofettes in bone defects
- L15 Andreea-Ancuța Vătăman, Ada-Maria Codreanu, , Leontin Gheorghe, Laura Nicolescu, Tania Gaborean, Dinu Anca-Raluca, Adina-Octavia Dușe, Mihai Dragoi, Răzvan-Gabriel Drăgoi - Management of cardiovascular recovery in patients from Buzias resort – an observational study
- L16 Iulia-Tania Andronache, Maria Șuța, Cristina Șuța, Liliana Vlădăreanu, Oana Arghir - Treating Rheumatoid Arthritis to target - unmet needs
- L17 Noemi Nemeth, Monica Adriana Farago, Manuela Simona Pop - Maintaining the quality of life of the oncological patient through rehabilitation interventions
- L18 George Bica, Ion Mindrila, George Cioroianu, Florin-Liviu Gherghina, Otilia Rogoveanu - Monoiodoacetate induced knee osteoarthritis, an alternative approach in better understanding rheumatic pathology
Q&A -10 min.

17,00 -19,00 **Session 4 - Physical and Rehabilitation Medicine & Balneology**

Chairmen: **Olga Surdu, Elena Valentina Ionescu, Yuliya Manolaki**

- L19 Yuliya Manolaki, Manuel Colichi, Sebastian Lois, Alpar Kis, Lucia Tursan, Gabriela Dogaru - The application of the "Covasna Method" in the prevention and treatment of circulatory insufficiency
- L20 Iulia-Tania Andronache, Maria Șuța, Cristina Șuța, Sabina Ciocodei, Oana Arghir - Pulmonary involvement in rheumatoid arthritis – imaging patterns
- L21 Szakacs Popovici Dora, Dogaru Gabriela, Dabija Dan - Medical rehabilitation of chronic patients in the context of the Covid-19 pandemic
- L22 Olga Surdu, Traian-Virgiliu Surdu, Mădălina-Gabriela Iliescu, Sibel Mujdaba, Roxana- Elena Țucmeanu, Elena-Valentina Ionescu, Liliana-Elena Stanciu, Adina Petcu, Constantin Munteanu, Doroteea Teoibaș-Șerban, Florentina Carmen Firan, Corneliu-Dan Blendea, Gelu Onose, Iulian-Alin Țucmeanu - Demographic and epidemiologic data on patients under-going balneal rehabilitation post Covid19 in 2021
- L23 Vizitiu Elena, Silișteanu Sînziana Călina - Aspects regarding the optimization of the morphological status of adult women with osteoporosis through the recovery of Aqua-pullpush-gym
- L24 Monica Surdu, Traian-Virgiliu Surdu, Olga Surdu -Art & craft or devices?
Q&A -10 min.

08,00 -10,00 Session 5 - Healthy and Active Aging / Gerontology and Geriatrics

Chairmen: Răzvan Drăgoi, Cristina Daia, Iulia Belc

- L25 Răzvan G. Drăgoi, Anca Dinu, Daniel Popa, Ada Codreanu, Andreea Vătăman, Paul Muntean, Claudiu Avram, Adina Dușe - A dedicated robot can improve quality of life and physical function in elderly patients with mild cognitive dysfunction- results from the ReMIND study
- L26 Claudiu Elisei Tanase, Violeta Diana Oprea, Bocancia Laura Alice, Sorina Daniela Mierlan Aurelia Romila - Recent results for osteoarthritis of the knee rehabilitation treatment.
- L27 Iulia Belc, Alin-Iulian Țucmeanu, Roxana-Elena Țucmeanu - Specifics of injured athletes' Rehabilitation
- L28 Olga Surdu, Traian- Virgiliu Surdu, Roxana- Elena Țucmeanu, Monica Surdu, Iulian-Alin Țucmeanu - Heat exchange and impact on different function of human body during balneotherapy
- L29 T. Ciobanu, I. Japie, A. Papuc - Total knee arthroplasty for end-stage osteoarthritis of the knee with fixed flexion deformity
- L30 Cristina Daia - LASER therapy – narrative review
- L31 Claudiu Elisei Tanase, Violeta Diana Oprea, Andrei Lucian Zaharia, Bocancia Laura Alice, Aurelia Romila - Recommendations to the rehabilitation treatment during acute phase for post myocardial infraction of a geriatric patient.
Q&A -10 min.

10,30 -12,30 Session 6 - Physical and Rehabilitation Medicine & Balneology

Chairmen: Doinița Oprea, Traian- Virgiliu Surdu, Marius-Sorin Chiriac

- L32 Marius-Sorin Chiriac, Elena-Valentina Ionescu, Alin-Iulian Țucmeanu, Roxana-Elena Țucmeanu, Mădălina-Gabriela Iliescu, Liliana-Elena Stanciu, Carmen Oprea - The complex effect of balneal treatment associated with alternative medicine-acupuncture
- L33 Doinița Oprea, Mihaela Minea, Teodora-Elena Iliescu, Diana Jimbu, Bianca Neagu, Adelina-Elena Ungureanu, Mădălina Gabriela Iliescu - The role of balneophysiotherapy in the management of in-inflammatory rheumatic diseases – retrospective study on patients admitted to the techirghiol balneal and recovery sanatorium
- L34 Bianca Neagu, Doinița Oprea, Mihaela Minea, Bogdan-Alexandru Georgescu, Mădălina-Gabriela Iliescu - The association between Vitamin D and Climate Therapy in patients with mineral bone diseases
- L35 Traian- Virgiliu Surdu, Viorica Marin, Monica Surdu, Olga Surdu - Oxidant/ antioxidant status variation in patients under-going peloidotherapy in Techirghiol Balneal and Rehabilitation Sanatorium
- L36 Olga Surdu, Traian- Virgiliu Surdu, Roxana- Elena Țucmeanu, Monica Surdu, Alin - Iulian Țucmeanu - Melanin deposits in epidermis after mud therapy
- L37 Dorin-Gheorghe Triff - Morbidity and work capacity in education workers. Priorities of preventive and recovery strategies
- L38 Giulia Adelina Dinu, Doroteea Teoibas-Serban, Corneliu-Dan Blendea - Rehabilitation of a case of tibia-femoral dislocation complicated with rupture of the popliteal artery - Case Report
Q&A -10 min.

13,30 -15,30 Session 7 - Physical and Rehabilitation Medicine & Balneology

Chairmen: Carmen Nistor Cseppento, Ana Maria Bumbea, Diana Jimbu

- L39 Diana Jimbu, Mădălina Gabriela Iliescu, Doinița Oprea - Acupuncture in lumbar pathology
- L40 Ana Maria Bumbea, Otilia Rogoveanu, Traistaru Rodica, Madalina Borcan, Danuț Visarion Caimac - The role of electrotherapy in the recovery of the lower limb in the neurological patient
- L41 Kinga Vindis, Manuela Simona Pop , Monica Adriana Farago - Rehabilitation approach to the patient with dyspnea
- L42 D. C. Iovanovici, A. G. Negru, Liviu Lazar, Carmen Nistor Cseppento, Gabriela Dogaru, M. Morenci - Improving the physical performance of patients with heart failure and frailty through physical training
- L43 N.L. Pop - Magnetic nanoparticles functionalized with chitosan in peripheral nerve regeneration
- L44 Cristina Daia - DISC HERNIATION electromyographic diagnosis
Q&A -10 min.

16,00 -18,00 Session 8 - Physio-Kinesio-therapy

Chairmen: Mariana Rotariu, Iustina Condurache, Dorin-Gheorghe Triff

- L45 Andrei Gherghița, Iustina Condurache, Mariana Rotariu, Marius Turnea - The use of artificial intelligence in computer-aided diagnosis of medical conditions
- L46 Marius Turnea, Andrei Gherghița, Iustina Condurache, Mariana Rotariu - Rebuilding life after stroke: The use of virtual reality in the physical and psychological recovery of patients
- L47 Mariana Rotariu, Vlad Baniță, Andrei Haja Deac, Marius Turnea, Andrei Gheorghiță, Iustina Condurache - Ludotherapy in the rehabilitation of patients with coffin lowry syndrome
- L48 Iustina Condurache, Cezar Mucileanu, Andrei Agaghi, Marius Turnea, Cătălin Ionițe, Mariana Rotariu - Patient recovery after Lisfranc injury
- L49 Catalin Ionițe, Mariana Rotariu, Iustina Condurache, Marius Turnea - The effects of exercises in sagittal plane of the spine on the anterior-posterior balance of the human body
- L50 Dorin-Gheorghe Triff, Zorica Triff, Mușata Dacia Bocoș - Predictors of work ability in education workers. Implications in medical recovery in locomotor disorders and in the use of coping strategies
Q&A -10 min.

08,00 -10,00 Session 9 - Pediatric Rehabilitation I

Chairmen: Liliana Padure, Carmen Oprea, Leanca Madalina

- L51 Leanca Madalina, Mirea Andrada, Liliana Padure, Elena Neagu, Onose Gelu - From newborn screening to early treatment and kinetotherapeutic interventions, including advanced assistance in patient with spinal muscular atrophy
- L52 Radu Mihai Avram, Gelu Onose, Liliana Padure - Recovery of the spastic leg after botulinum toxin (dysport) through the intervention of augmented virtual reality (AVR) in cerebral palsy (CP) in children
- L53 Carmen Oprea, Elena Valentina Ionescu, Mădălina Gabriela Iliescu, Liliana Elena Stanciu, Alexandra-Ecaterina Ciota, Negoită Andreea Cătălina, Liliana Vlădăreanu - Cerebral palsy - types and associated pathologies
- L54 Jurjiu Nicolae Adrian, Avram Claudiu, Razvan Gabriel Dragoi, Pirjol Ionut - Comparative study of static posture analysis
- L55 Bianca Maria Pop, Felicia Andronie-Cioara, Gabriela Dogaru - Rehabilitation in juvenile idiopathic arthritis- case report
- Q&A -10 min.

10,30 -12,30 Session 10 - Pediatric Rehabilitation II

Chairmen: Gelu Onose, Liliana Vlădăreanu, C. Fărcășanu

- L56 Liliana Vlădăreanu, Elena-Valentina Ionescu, Mădălina-Gabriela Iliescu, Elena Dantăș - Primitive reflexes – do they matter after the age of 6 months?
- L57 Liliana Vlădăreanu, Mihaela Minea, Mădălina-Gabriela Iliescu, Carmen Oprea, Elena Dantăș - Friedrich ataxia – rare disease with case presentation
- L58 Liliana Vlădăreanu, Carmen Oprea, Mădălina-Gabriela Iliescu, Elena Dantăș - Complex case of congenital hip dysplasia and cerebral palsy
- L59 Liliana Vlădăreanu, Elena-Valentina Ionescu, Iulia-Tania Andronache, Elena Dantăș - Scoliosis diagnosis and treatment protocols
- L60 Liliana Vlădăreanu, C. Fărcășanu - Pediatric oncological rehabilitation in Romania – does it exist? Q&A -10 min.

13,30 -15,30 Session 11 - Aspects of ethics and / or legality in PRM&B

Chairmen: Aurelian Anghelescu, Liliana-Elena Stanciu, Mihaela Minea

- L61 Roxana-Elena Țucmeanu, Alin-Iulian Țucmeanu, Carmen Oprea, Liliana Vladareanu, Madalina Iliescu - Adaptability, creativity and objective feedback. Connecting the employees and patients of the Techirghiol Spa and Rehabilitation Sanatorium to the application of transformational management
- L62 Mihaela Minea, Liliana Vlădăreanu, Bianca Neagu, Adelina-Elena Ungureanu, Anamaria Cutova, Elena-Valentina Ionescu, Mădălina-Gabriela Iliescu - The advantages of musculoskeletal ultrasound regarding the knee joint assessment
- L63 Oprea Carmen, Elena Valentina Ionescu, Mădălina Gabriela Iliescu, Liliana Elena Stanciu, Alexandra-Ecaterina Ciota, Negoită Andreea Cătălina, Liliana Vlădăreanu - Recognised physical models for treating scoliosis
- L64 Andreea-Bianca Uzun, Liliana- Elena Stanciu, Claudia Zaiț, Adelina-Elena Ungureanu, Andreea-Dalila Nedelcu, Mădălina-Gabriela Iliescu - The importance of complex rehabilitation treatment in patients with axillary nerve palsy - a case presentation
- L65 Aurelian Anghelescu, Ilinca Ciobanu, Diana Carabageag, Constantin Muntean, Gelu Onose - To be or not to be, ChatGPT ... that is the question. Navigating between truths and hallucinations. Q&A -10 min.

16,00 -18,00 Session 12 - Physical and Rehabilitation Medicine & Balneology

Chairmen: Aurelian Anghelescu, Liliana-Elena Stanciu, Boróka-Panna Gaspar

- L66 Andreea Bujduveanu, Ramona Gavrilov, Kamel Abu Zaluk, Carmen Oprea, Nicoleta Calotă, Liliana Vlădăreanu, Mădălina-Gabriela Iliescu, Elena-Valentina Ionescu - CHALLENGES FOR NEUROMUSCULAR REHABILITATION IN A CASE OF FLACCID PARAPARESIS WITH AN UNCERTAIN CAUSE
- L67 Liliana-Elena Stanciu, Andreea-Bianca Uzun, Adelina-Elena Ungureanu, Andreea-Dalila Nedelcu, Carmen Oprea, Elena-Valentina Ionescu, Roxana Elena Țucmeanu, Madalina-Gabriela Iliescu - The effects of intermittent hypoxia-hyperoxia exposure on patients with obesity
- L68 Ramona Gavrilov, Andreea Bujduveanu, Kamel Abu Zaluk, Mihaela Minea, Liliana-Elena Stanciu, Doinița Oprea, Mădălina-Gabriela Iliescu, Elena-Valentina Ionescu - Complex case of neurorehabilitation after extremely severe craniocerebral and facial trauma
- L69 Lorena Nincă, Andreea Nincă, Liliana Elena Stanciu, Carmen Oprea, Elena Valentina Ionescu, Mădălina Gabriela Iliescu, Doinița Oprea - The importance of medical rehabilitation in neurological disorders associated with chronic alcoholic hepatitis
- L70 Aurelian Anghelescu, Anca Magdalena Magdoiu, Gelu Onose - The paradigm shift in educational methodology for a resilient university education system in the context of the COVID-19 pandemic. Judicious use of e-Health education and social media platforms as complementary sources of reliable medical information for physiotherapy students - qualitative analysis of videos posted on YouTube
- L71 Boróka-Panna Gaspar, Gabriela Dogaru - Balneotherapeutic options in hyperhidrosis Q&A -10 min.

04 September 2023

08,00 -10,00 Session 13 - Physical and Rehabilitation Medicine & Balneology

Chairmen: Dan Blendea, Marina Bulai, Anatolie Baciu

- L72 Oana-Ruxandra Vuinov, Avram Claudiu, Oravitan Mihaela - Analysis of cervical disability and sitting posture particularities in IT professionals
- L73 Adrian Melnic, Plesaca S. Pascal O. Tabirta A - Chronic pain in stroke rehabilitation - an overlooked issue
- L74 Adrian Melnic, Pascal O. Chihai V. Kyrym M. - Multimorbidity as a predictor of functional outcomes for stroke rehabilitation.
- L75 Marina Bulai, Pascal Oleg, Tăbîrță Alisa, Cîrîm Mihail, Chihai Victoria, Pleșca Svetlana - Chronic lumbar musculoskeletal pain: medical rehabilitation interventions.
- L76 Marina Bulai, Tăbîrță Alisa, Pascal Oleg, Cîrîm Mihail, Chihai Victoria, Pleșca Svetlana, Melnic Adrian -The impact of medical rehabilitation with kinetic techniques on patients with chronic lumbar musculoskeletal pain
- L77 Ioana Albu, Alexandru-Marian Proicea, Doroteea Teobas-Serban, Corneliu-Dan Blendea - The importance of foot and ankle rehabilitation
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H rimental modeling of extreme working
Q&A -10 min.

10,30 -12,30 Session 15 - Physical and Rehabilitation Medicine & Balneology

Chairmen: Razvan Dragoi, Constantin Munteanu, Călin Corciovă

- L79 Elena Sirbu, Nicoleta Pașcalău, Corina Pantea, Nicolae Jurjiu - Body mass composition and bone mineral density in relation to physical activity level in osteoporotic women. A pilot study
- L80 Ana Maria Bumbea - Visual biofeedback techniques in the recovery of the upper limb in the patient with stroke
- L81 Călin Corciovă, Andra Cristiana Băeșu, Robert Fuior, Cătălina Luca - Grip force tracking system for assessment and rehabilitation of hand sensory motor performance
- L82 Andra Cristiana Băeșu, Robert Fuior, Cătălina Luca, Călin Corciovă - Advanced technology for cognitive rehabilitation of children with ADHD
- L83 Doina M Moldovan, Gabriela Dogaru - Trigger Finger Management - Surgical Release
- L84 Constantin Munteanu, Mihail Hoteteu, Diana Munteanu, Gelu Onose - Research on the health effects of Mineral Waters from Slănic Moldova's Spring 1 and Spring 1 bis
Q&A -10 min.

13,30 -15,30 Session 15 - Physical and Rehabilitation Medicine & Balneology

Chairmen: Gelu Onose, Aurelian Angheliescu, Cristina Popescu

- L85 Aurelian Angheliescu, Alexandru Pandrea, Constantin Munteanu, Gelu Onose - "Worse than hell" (tetraplegia & blindness): associated complex neuraxial lesions, with severe disabilities - case presentation
- L86 Aurelian Angheliescu, Ștefan Gheorghită, Constantin Munteanu, Gelu Onose - "Old age is heavy clothes": multiple comorbidities and severely disabling complications (orthopedic, traumatic, neurosurgical, psychocognitive, infectious) - case presentation
- L87 Cristina Popescu, Aura Spînu, Ioana Andone, Gelu Onose - Functional outcome of rehabilitation approach in an elderly female patient undergoing right hip hemiarthroplasty and non-surgically treated distal radius fracture in a "fall from height" context – case presentation
- L88 Aurelian Angheliescu, Anca Magdalena Magdoi, Constantin Munteanu, Gelu Onose - Incidental discovery of chronic lacunar infarction in the head of the caudate nucleus: pathophysiological considerations and retroactive etiologic diagnosis of a depressive syndrome; case presentation
- L89 Aurelian Angheliescu, Mihaela Mandu, Ilinca Ciobanu, Constantin Munteanu, Mihai Ștefănescu, Gelu Onose - "Hard to kill 3": AIS-C incomplete paraplegia after vertebral metastasis (operated in 2023), in a patient with a carcinogenic predisposition: renal carcinoma (operated in 2021) and frontal ganglioglioma (operated in 2022)
Q&A -10 min.

16,00 -18,00 Session 16 - Physical and Rehabilitation Medicine & Balneology

Chairmen: Ioana Andone, Aura Spînu, Cristina Popescu

- L90 Ruxandra Postoiu, Aura Spînu, Roxana Bistriceanu, Ioana Andone, Cristina Popescu, Gelu Onoe - A very difficult case of lumbar spondylodiscitis without cord lesions but with marked global disabling / deconditioning consequences and related challenging management and evolution.
- L91 Ruxandra Postoiu, Marinescu Silviu, Gelu Onose - Multiwave Locked System LASER photobiomodulation in the multidisciplinary team approach/ management of a 3rd degree burn on the posterior thorax in an 82 year-old woman – a case study
- L92 Ioana Andone, Dorian Alexandru Dumitrescu, Alexandra Cocolos, Aura Spînu, Cristina Popescu, Alina Ciocoi, Mihai Stefanescu, Gelu Onose - Favorable clinical and rehabilitation outcomes despite impressive imaging findings in a middle-aged man with iterative neurosurgical intervention for pituitary adenoma.
- L93 Roxana Bistriceanu, Aura Spînu, Ioana Andone, Cristina Popescu, Mihai Băilă, Ruxandra Postoiu, Gelu Onose - Long term case management and outcomes in a young male patient with complete paraplegia post T3-T5 vertebral osteomyelitis and a previous documented thalamo-mesencephalic hemorrhage.
- L94 Cosmin Ilie Coția, Silviu Dan Mândru - An original approach using VR/AR for upper limb rehabilitation
Q&A -10 min.

Chairmen: Gelu Onose, Mihai Băilă, Andrei Kozma

- L95 Alina Ciocoi, Ioana Andone, Aura Spînu, Cristina Popescu, Andreea Dumitrascu, Valentina Matei, Gelu Onose - An intricate evolution, in a complex rehabilitative program of an incomplete AIS/Frankel C paraplegia post thoracal spinal cord injury with intermittent dysphagia due to an ectopic thyroid
 - L96 Elena Brumă, Ioana Andone, Cristina Popescu, Gelu Onose - Clinical and therapeutic challenges in a patient with AIS/Frankel C post-traumatic tetraplegia, on the background of cervical spinal stenosis and associated prolonged SARS-COV-2 infection
 - L97 Baila Mihai, Andreea Trandafir, Ciobanu Ilinca, Muțescu Răzvan, Gelu Onose - Multidisciplinary rehabilitative management in a paraplegic woman with traumatic spinal cord transection and orthopedic and urological complications."
 - L98 Andrei Kozma, Adela Iancu, Calin Popovici- Rehabilitation of spine deformities in adolescents in the family doctor's practice
 - L99 Lucian Stanciu, Doroteea Teoibaș-Șerban, Stefan Cuculici, Corneliu- Dan Blendea - Femoral head aseptic necrosis (Osteonecrosis) after femoral neck fracture
- Q&A -10 min.

10,30 -12,30 Session 18 - Cardio-vascular Rehabilitation

Chairmen: Dan Gaita, Catalina Andrei, Ștefan Busnatu

- L100 Carmen Suceveanu - "Cardiovascular Rehabilitation in Romania, which way?"
 - L101 Svetlana Mosteoru, Dan Gaita - Lifestyle first
 - L102 Fringu Florina, Dana Pop - Cardiac Rehabilitation for heart failure patients
 - L103 Mihaela Mandu, Alexandru Pandrea, Ioana Andone, Maria Pană, Gelu Onose, Ștefan Busnatu - Cardiac rehabilitation - a new interventional domain approached by the neuro-muscular Clinic Division together with the Cardiology Clinic Division of the Teaching Emergency Hospital (THEBA)
 - L104 Andreea Catană, Cosmina Jercălău, Alexandru Ion, Catalina Andrei - The new Therapeutics classes of drugs for diabetes mellitus - the impact of cardiovascular recovery
 - L105 Maria Pana, Liviu Serbanoiu, Andreea Lacraru, Stefan Busnatu - Possible complications associated with cardiac rehabilitation programs in patients with high cardiovascular risk
- Q&A -10 min.

13,30 -15,30 Session 19 - Physical and Rehabilitation Medicine & Balneology

Chairmen: Ioana Andone, Simona Isabelle Stoica, Ioana Simona Cazacu

- L106 Simona Isabelle Stoica, Gelu Onose, Coralia Bleotu, Ana Iulia Neagu, Ioana Mădălina Pitica, Denisa Dragu - Studies regarding influences of ethanol on hypoxemic stress in neuroblastoma cells
 - L107 Alexandra Cocoloș, Ioana Andone, Aura Spinu, Cristina Popescu, Ioana Elisei, Gelu Onose - Ledderhose Disease: a synthetic overview of a rare medical condition and the role of physical therapy in a clinical case presentation
 - L108 Ioana Elisei, Ioana Andone, Aura Spînu, Alexandra Cocolos, Cristina Popescu, Ionut Colibaseanu, Gelu Onose - Favorable outcomes in a challenging and difficult rehabilitative program of a young patient, with severe traumatic brain injury, in a polytraumatic context by car accident
 - L109 Ioana Simona Cazacu, Madalina Ruxandra Paunescu, Aura Spînu, Cristina Popescu, Gelu Onose - A complex case of favorable neuromuscular evolution in a patient with left hemiplegia after relapsed fronto-parietal meningioma and a very large umbilical hernia
 - L110 Larisa Ioniță, Roxana Bistriceanu, Andrei Razvan Lupascu, Magdalena Lăpădat, Gelu Onose - Debut particularities of a patient presenting thoracal osteomyelitis and pulmonary empyema following surgical treatment of Schwannoma - case report
- Q&A -10 min.

16,00 -18,00 Session 20 - Physical and Rehabilitation Medicine & Balneology / Varia

Chairmen: Gelu Onose, Dan Blendea, Constantin Munteanu

- L111 Mihai Băilă, Andreea Trandafir, Ilinca Ciobanu, Gelu Onose - Photobiomodulation with LASER MLS (Multiwave Loc-locked System) therapy, alternative use of alginate and hydrogel dressings and supportive pharmacological interventions in the treatment of a patient with severe neurological injury and stage IV pressure injury – a case study.
- L112 Larisa Ioniță, Roxana Bistriceanu, Andrei Razvan Lupascu, Magdalena Lăpădat, Gelu Onose - Challenges in rehabilitation of a tetraplegic patient involving urinary lithiasis - case report
- L113 Roxana Bistriceanu, Larisa Ioniță, Magdalena Lăpădat, Gelu Onose - Rare tumoral etiologies involving two patients presenting plasmacytic plasmacytoma, respectively Ewing's tumor
- L114 Andreea Trandafir, Bojincă Violeta Claudia, Tulba Delia, Gelu Onose - An odd case of idiopathic polymyositis with anti-SRP antibodies, complicated with sagittal, transverse and sigmoid sinus thrombosis
- L115 Dorin-Gheorghe Triff - Vasile Popp, among the founders of Romanian medical writing. Current coordinates and meanings of the work
- L116 T. Ciobanu, I. Japie, A. Papuc - GCT of knee treated with modular prosthesis - case presentation
- L117 T. Ciobanu, I. Japie, A. Papuc - Personalised surgical treatment for misalignment of the extensor apparatus

Q&A -10 min.

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