



HeMeSoClimaDCD:
Hellenic Medical Society
for this Study
of the Climate Impact
in persons with Disabilities
and Chronic Diseases



IN COLLABORATION WITH



PRM Department of 414 Military
Hospital of special Diseases

UNDER THE AUSPICES



HELLENIC REPUBLIC
National and Kapodistrian
University of Athens
EST. 1837
University of Athens Medical School

2025

HeSCoS Congress

Environmental challenges

New trends in Spasticity



21&22
February 2025



Athens
HELLENIC PASTEUR
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HeSCoS
Spinal Cord Section
Hellenic Society of PRM



ISCoS
The International
Spinal Cord Society

Final Program

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WELCOME ADDRESSES

Dear colleagues,

Dear friends,

We are pleased to announce the 2025 HeSCoS Congress which is organized by the Hellenic Medical Association for the study of the impact of climate change on people with disabilities and chronic diseases (EIE-ClimaMeA) in collaboration with the department of physical medicine and rehabilitation of the General Hospital of Athens «G. Gennimatas», the Department of Injury Study and Rehabilitation of Spinal Cord (HeSCoS) of EEFIAP as well as with the department of physical medicine and rehabilitation of 414 SNEN. The conference will take place on February 21 and 22, 2025 at the Pasteur Institute Amphitheater with international participation and under the auspices of the International Spinal Cord Society (ISCoS) and will focus on the environmental challenges & rehabilitation services, spasticity and persons with spinal cord injury.

Rethinking rehabilitation services in a changing environment is a demand for healthcare professionals and stakeholders. The topics that will be analyzed will cover rehabilitation services under climate crisis and global rehabilitation services crisis with special sessions for persons with spinal cord injuries (SCI).

Environmental challenges with impact on acute and long-term Rehabilitation services: climate change, accessibility difficulties and barriers, discrimination of vulnerable groups such as persons with SCI will be analyzed in special sessions.

Neurogenic disorders of the cardiovascular system, bladder & bowel function, thermoregulation, sexual health, pain, and spasticity will be discussed in the context of lectures, presentation of interesting cases and workshops.

The participation of physicians and all the members of rehabilitation team will ensure the multi-professional way of analyzing all presented topics on:

- Spinal Cord Injuries
- Spasticity management
- Neurogenic bladder and bowel rehabilitation management
- Pain

Specific topics will be highlighted by lived experience presented by persons with disability ensuring the significant place of patients and their significant ones in the rehabilitation process.

Distinguished scientists from Greece and abroad, representatives of ISCoS (International Spinal Cord Society), ESPRM (European Society of PRM), SOA (Sustain Our Abilities) and ICS (International Continence Society) will share their experience and specialized knowledge with all members of rehabilitation team.

The active participation of all of us will provide a critical appraisal of the required interventions and collaborative solutions that will contribute to the improvement of the provided rehabilitation services and the quality of life of our patients.

On behalf of the organizing Committee
Christina-Anastasia Rapidi, Prokopios Manthos



COMMITTEES

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HONORARY SCIENTIFIC COMMITTEE

Members:	M. Alexander B. Erhan A. Jamous	N. Liu K. Onem F. Theron
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Scientific Program





SCIENTIFIC PROGRAM

Friday, February 21st 2025

07.30 REGISTRATIONS

08.00-10.00 INTERNATIONAL CLASSIFICATION OF FUNCTIONING (ICF) IN CLINICAL PRACTICE: CASE REPORTS

Chairs: **P. Manthos, P. Sklavounos, O. Dimos, S. Kaligerou, E. Georgakila**

08.00-08.15 Clinical assessment and follow-up of a stroke patient with spasticity
M. Karakonstantis

Comments: **P. Manthos**

08.15-08.30 Clinical assessment and follow-up of a stroke patient with communication disorders
C. Athanasiadi

Comments: **E. Efstratiadou**

08.30-08.45 Clinical assessment and follow-up of a multiple sclerosis patient with pain
M. Papadatou

Comments: **N. Roussos**

08.45-09.00 Clinical assessment and follow-up of a geriatric patient with osteoporosis
I. Papaioannou

Comments: **Y. Dionyssiotis**



SCIENTIFIC PROGRAM

09.00-09.15 Clinical assessment and follow-up of a geriatric patient with spinal cord injury
G. Katopodis

Comments: **Aik. Kotroni**

09.15-09.30 Clinical assessment and follow-up of a spinal cord injury patient with lower urinary tract dysfunction
M. S. Giannopoulou

Comments: **K. Athanasopoulos, M. Venieri**

09.30-09.45 Primary health care physicians' clinical assessment and follow-up of a patient with cognitive dysfunction
D. Nesseris

Comments: **P. Sklavounos**

09.45-10.00 Discussion

10.00-10.30 STATE OF THE ART LECTURE

International Classification of Functioning – ICF in rehabilitation services, where do we stand?

A. Galata

Comments: **M. Pagoni**

10.30-11.00 COFFEE BREAK

11.00-11.30 OPENING CEREMONY

Greetings



SCIENTIFIC PROGRAM

11.30-12.00 ISCOS LECTURE

Chairs: **C. A. Rapidi, E. Mountzi - Nakka, Y. Dionyssiotis**

It is not just a fracture

A. Jamous

12.00-12.30 SOA LECTURE

Sustainability in SCI Care

M. Alexander

12.30 - 13.30 CLIMATE CRISIS AND PERSONS WITH DISABILITY, ARE WE READY?

Chairs: **P. Manthos, D. Vassilopoulos, G. Thanasa**

12.30-12.40 The diversity of citizens with disability, chronic-rare diseases, reduced mobility and the protection of their rights in crisis situations

E. Kallimani

12.40-12.55 Initiatives for people with disability inclusion
E. Athinaiou, S. Karma

12.55-13.10 Public health hazards in a changing climate
F. Kalyva

13.10-13.20 Hellenic Medical Association for the study of the impact of climate change on people with disabilities and chronic diseases. Empowering people with disability
E. Mountzi - Nakka

13.20-13.30 Discussion

13.30-14.00 BREAK

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SCIENTIFIC PROGRAM

14.00-15.00 ACCESS TO REHABILITATION SERVICES IN THE CONTEXT OF HEALTH CRISIS

Chairs: **D. Skempes, E. Maragoudaki, C. Arvaniti, I. Saramantos**

14.00-14.15 Neuropsychological rehabilitation, inaccessible in the Greek health system

C. Kattami

14.15-14.30 Accessibility of cognitive rehabilitation, lessons taught by the pandemic

E. Saleptsi

14.30-14.45 Access to rehabilitation services for persons with spinal cord injury living away from big cities of Greece

A. Stavrianou

zoom

14.45-15.00 Discussion

15.00-16.00 SPORTS PARTICIPATION AND SOCIAL INTEGRATION OF PERSONS WITH DISABILITY

Chairs: **E. Bogdos, D. Emmanouil, Aik. Kotroni, S. Spyrou**

15.00-15.15 Physical and systemic barriers to sports participation of people with disabilities

D. Skempes

15.15-15.30 Collaboration model of rehabilitation departments with athletic associations

A. Kostaris

15.30-15.45 Navigating sports participation in community rehabilitation in Greece

A. Taxildaris

15.45-16.00 Discussion

16.00-16.30 COFFEE BREAK

Friday, February 21st 2025



SCIENTIFIC PROGRAM

16.30 - 17.30

PAIN

Chairs: **Z. Dalivinga, K. Vagdatli, E. Papageorgiou, A. Koutsakis**

16.30-16.55

Pain and persons with spinal cord injury
J. Stolwijk

zoom

16.55-17.20

Developmental perspectives of pediatric-onset spinal cord injury: Pain and coping
K. Zebracki & Natasha L. Poulopoulos

zoom

17.20-17.30

Discussion

17.30-18.30

SECONDARY CONDITIONS OF BONE HEALTH FOLLOWING SPINAL CORD INJURIES

Chairs: **K. Kateros, A. Mavrogenis, C. Baltas, N. Koutsogiorgis**

17.30-17.40

Body composition changes after spinal cord injury
Y. Dionyssiotis

17.40-17.50

Management of musculoskeletal disorders in patients with spinal cord injuries, the rehabilitation perspective
D. Emmanouil

17.50-18.00

Management of low force fractures
N. Manolis

18.00-18.10

Bone infection/pressure trauma an irresolvable medical situation?
A. Spyrou

18.10-18.30

Discussion



SCIENTIFIC PROGRAM

18.30-20.00

STUDY PROTOCOLS

Chairs: **V. Sakellari, D. Skempes, E. Kendrou, M. Kelesi, A. Kavga**

18.30-18.45

Phenomenological investigation of the lived experience of people with spinal cord injury paraplegia living in the community in Greece
D. Karadimitri

18.45-19.00

Association of trunk balance with functional independence and quality of life in individuals with spinal cord injury
A. Siaka

19.00-19.15

The effect of upper limb function on independence during activities of daily living in individuals with motor incomplete tetraplegia
E. Stroggylou

19.15-19.30

The investigation of the quality of life of oncological patients undergoing antineoplastic treatment at home
A. Lagiou

19.30-19.45

Health education at the tertiary general hospital: The support and education of the person with rehabilitation needs
H. Tsaboula

19.45-20.00

Discussion



SCIENTIFIC PROGRAM

Saturday, February 22nd 2025

08.30-10.30 INTERDISCIPLINARY MANAGEMENT OF PATIENTS WITH DISABILITY IN THE GENERAL HOSPITAL: CASE REPORTS

Chairs: **D. Kagiouli, E. Gamatsi, S. Nicolaou, E. Kakagianni, A. Stylla**

08.30-08.45 General hospital infection management of a patient with spinal cord injury

S. Letsa

Comments: **G. Filippa**

08.45-09.00 General hospital urinary tract infection management of a patient with spinal cord injury

N. Kodolatis

Comments: **K. Doumas, G. Papadopoulos**

09.00-09.15 General hospital management of chronic pressure injuries in a patient with spinal cord injury. The plastic surgeon's perspective

S. Tsallas

Comments: **E. Gamatsi**

09.15-09.30 General hospital infection management of a patient with spinal cord injury. The rehabilitation perspective

R. Vasilakis

Comments: **C.-A. Rapidi**

09.30-09.45 Management of chronic pressure injuries of a patient with spinal cord injury. The rehabilitation perspective

G. Evmorfidis

Comments: **G. Fotinopoulos**

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SCIENTIFIC PROGRAM

09.45-10.00 Neuromodulation & therapeutic interventions for movement disorders following spinal cord injury, the neurosurgical perspective

P. Karydakis

Comments: **N. Paidakakos**

10.00-10.15 Neuromodulation & therapeutic interventions in movement disorders following brain lesion/ injury, the neurology perspective

G. Panagou

Comments: **G. Tagaris**

10.15-10.30 Neuromodulation & therapeutic interventions following spinal cord injury, the rehabilitation perspective

P. Siggelaki

Comments: **P. Manthos, G. Georgoulis**

10.30-11.00 STATE OF THE ART LECTURE

Respiratory function and management after SCI

K. Tranter

zoom

Comments: **E. Mouza**

11.00-11.30 COFFEE BREAK

Saturday, February 22nd 2025

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11.30-12.15 REHABILITATION SERVICES FOR PERSONS WITH SPINAL CORD INJURIES IN THE CONTEXT OF HEALTH CRISIS

Chairs: **B. Erhan, K. Lappa, E. Mitsiokapa**

11.30-11.50 Networking specialized rehabilitation services in different countries, ISCoS perspective

F. Theron

11.50-12.10 SCI rehabilitation models in China

N. Liu

12.10-12.15 Discussion

12.15-13.30 REHABILITATION STRATEGIES IN THE MANAGEMENT OF SPASTICITY

Chairs: **M. Gryllia, K. Armenis, P. Aggelidakis, N. Ananidis**

12.15-12.30 Early intervention towards prevention of spasticity, is this possible?
B. Erhan

12.30-12.45 New trends in the use of botulinum toxin in spasticity management

N. Roussos

12.45-13.00 An algorithm in a general hospital for in time diagnosis of spasticity affecting function

C.-A. Rapidi

13.00-13.15 Combined treatments for spasticity management
G. Georgoulis

13.15-13.30 Discussion

13.30-14.30 SATELLITE SYMPOSIUM

(detailed program page 20)

2025 HeSCoS Congress Environmental challenges New trends in Spasticity



SCIENTIFIC PROGRAM

14.30 15.00 STATE OF THE ART LECTURE

Chair: **M. Kalyviotis, G. Tagaris, A. Kyriakides, A. Aggeli**

Upper limb in patients with tetraplegia
F. Theron

15.00-15.30 BREAK

15.30-16.15 AUTONOMIC NERVOUS SYSTEM DYSFUNCTION FOLLOWING SPINAL CORD INJURY (I) THERMOREGULATION & PAIN IN PERSONS WITH SPINAL CORD INJURY

Chairs: **N. Sorras, E. Bogdos, D. Karadimitri**

15.30-15.45 Pathophysiology of thermoregulation
A. Flouris

15.45-16.00 Sports activities of persons with spinal cord injury in high and low environmental temperatures
A. Kyriakides

16.00-16.15 Neuropathic pain and autonomic dysreflexia in spinal cord injury:
Common mechanisms
E. Bogdos

16.15-17.00 AUTONOMIC NERVOUS SYSTEM DYSFUNCTION FOLLOWING SPINAL CORD INJURY (II) SEXUAL HEALTH OF PERSONS WITH CENTRAL NERVOUS SYSTEM INJURY

Chairs: **C. Konstantinidis, M. Pyrgeli, F. Armakola, S. Vogiaki**

16.15-16.30 Sexual Health early intervention and plasticity
M. Tzitzika

16.30-16.45 Brain injury and sexual health
N. Boursinou

16.45-17.00 Discussion



SCIENTIFIC PROGRAM

Saturday, February 22nd 2025

17.00-17.45	AUTONOMIC NERVOUS SYSTEM DYSFUNCTION FOLLOWING SPINAL CORD INJURY (III) NEUROGENIC LOWER URINARY TRACT DYSFUNCTION (NLUTD)
	Chairs: A. Galata, C. Konstantinidis, N. Stamoulis, M. Fragkaki
17.00-17.20	Urodynamics in chronic phase of spinal cord injury D. Tsiamasfiropoulos
17.20-17.40	Surgical management of NLUTD K. Onem
17.40-17.45	Discussion
17.45-18.15	COFFEE BREAK
18.15-19.45	AUTONOMIC NERVOUS SYSTEM DYSFUNCTION FOLLOWING SPINAL CORD INJURY (IV) CARDIOVASCULAR DYSFUNCTION
	Chairs: A. Krassioukov, A. Kollias, D. Avramidis, K. Tsiofis
18.15-18.40	ISAFSCI, Presenting a protocol for the clinical assessment of autonomic nervous system dysfunction following spinal cord injury R. Vasilakis
18.40-19.05	Autonomic dysreflexia, as a cause of a cardiovascular A. Kontaxakis
19.05-19.30	Prediction of motor and autonomic recovery following SCI A. Krassioukov
19.30-19.45	Discussion

zoom

zoom



SCIENTIFIC PROGRAM

19.45-20.00 CLOSING REMARKS-TAKING HOME MESSAGES

Chairs: **C.-A. Rapidi**

E. Mountzi-Nakka
P. Manthos
A. Kontaxakis



→ **SATELLITE SUMPOSIUM**

13.30-14.30

SATELLITE SUMPOSIUM

Chair: **C.-A. Rapidi**

13.30-14.00

The role of cannabinoids in the treatment of chronic diseases
E. Azas

14.00-14.30

The use of medicinal cannabis in the management of spasticity
P. Manthos

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General Information





GENERAL INFORMATION

→ Date & Venue

February, 21st-22nd 2025

Hellenic Pasteur Institute (Vas. Sofias Av., N. 127, Athens)

→ CME Accreditation

The congress is awarded with 16 Continuing Medical Education credits (ECMECs) by the Panhellenic Medical Association and with 10 units of Continuing Nursing Education are granted by the Hellenic Regulatory Body of Nurses.

→ Certificate of attendance

All participants of the congress will be given a certificate of participation. In order to receive the certificate, it is required to attend 60% of the total time of the scientific program, according to the relevant circular of the Hellenic Organization of Scientific Research. There will be a barcoding system. Satellite symposiums or satellite lectures are not counted.

The certificates will be sent electronically after the electronic evaluation of the scientific event has been submitted.

→ Badges

All participants will receive from the secretariat of the congress the badge, which they are obliged to scan when entering and leaving the conference hall.

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→ Participation

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→ Congress Secretariat



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