Hundreds of experts and rising stars from around the globe are coming together for Spasticity X.
A MEETING OF THE MINDS
TO X-OUT SPASTICITY

Spasticity X is a global, multidisciplinary, two-day meeting to propel swift advancements in the science and treatment of spasticity. From clinicians, researchers, and educators to industry executives and patients — the brightest minds in spasticity and sensorimotor disorders are on a mission to X-out spasticity to improve the lives of millions of people.

This meeting aims to discuss the current and future state of spasticity, analyze instruction and training, and evaluate existing and emerging research areas to stimulate critical thinking and inspire enhancements in patient care. This international sharing of knowledge and ideas with incisive dissection of controversial topics in spasticity management seeks to shape the future of spasticity management.

DON’T MISS YOUR CHANCE TO JOIN US

Whether you’re a renowned expert or thought leader in spasticity, or simply interested or just getting started — you belong at Spasticity X!

There is something for everyone including hands-on cadaver anatomy labs, exceptional educational sessions led by global experts, and even a Texas Hold ‘Em themed networking event.

Hundreds of experts and rising stars from around the globe are coming together for Spasticity X from Brazil and Cameroon, and Germany and Poland, to Taiwan, the United Kingdom, the USA and more!

With all of us working together, the possibilities are endless! We hope you will join us.

Gerard Francisco, MD
Chair, Spasticity X Steering Committee
**SPASTICITY X**
**SCHEDULE AT A GLANCE**

**DAY 1 - THURSDAY, OCTOBER 24**
- 8:00AM – 12:00PM .......... Cadaver-based hands-on anatomy workshops
- 12:00PM – 1:30PM .......... Lunch & Learn or lunch on your own
- 2:00PM – 5:30PM .......... Opening Plenary & Educational Sessions
- 6:30PM – 8:00PM .......... Opening Reception (EXPO HALL OPENS)

**DAY 2 - FRIDAY, OCTOBER 25**
- 7:00AM – 8:00AM .......... Breakfast Symposium
- 8:00AM – 10:00AM .......... Educational Sessions
- 10:00AM – 10:30AM ........ EXPO HALL, POSTERS & DEMO PODS
- 10:30AM – 12:00PM .......... Educational Sessions
- 12:00PM – 1:00PM .......... Lunch & Learn or lunch on your own
- 1:00PM – 3:30PM .......... Educational Sessions
- 3:30PM – 4:00PM ........ EXPO HALL, POSTERS & DEMO PODS
- 7:00 PM – 9:00PM .......... Networking event (Texas Hold’em!)

**DAY 3 - SATURDAY, OCTOBER 26**
- 7:00AM – 8:00AM .......... Breakfast with the Experts (ticketed)
- 8:00AM – 5:30PM .......... Educational Sessions
- 10:00AM – 10:30AM ........ EXPO HALL, POSTERS & DEMO PODS
- 10:30AM – 12:00PM .......... Educational Sessions
- 12:00PM – 1:00PM .......... Lunch & Learn or lunch on your own
- 3:30PM – 4:00PM ........ EXPO HALL, POSTERS & DEMO PODS
- 4:00PM – 5:00PM .......... Closing Plenary

Schedule is subject to change.
Check [www.physiatry.org/spasticityx](http://www.physiatry.org/spasticityx) for latest news and updates.
AFFECTING POSITIVE CHANGE... NOW
Spasticity X will offer a unique mix of collaboration and educational formats to best stimulate forward-thinking discussions and plans for action:
• Didactic Lectures
• Point-counterpoint
• Small Group Discussion
• Consensus Development
• Research Study Posters
• Networking/ Social Meals & Event

PARTICIPANT TAKE-AWAYS
At the conclusion of the meeting, participants will be able to:
✓ Re-assess the existing definitions of spasticity and, if agreed upon as necessary, re-define spasticity
✓ Examine the feasibility of harmonizing spasticity assessment methods and classification for clinical trials and practice
✓ Establish a foundation for international consensus on a universally applicable “good clinical practice” in spasticity management
✓ Enhance existing universally-acceptable curricula for spasticity education
✓ Compare and contrast existing and emerging spasticity management techniques
✓ Present developments in pharmacotherapeutics of spasticity
✓ Examine the potential role of emerging technologies in spasticity management
✓ Define a holistic approach to spasticity management, beyond modalities, medications, and procedures
✓ Discuss ongoing and recently concluded research in spasticity and related motor disorders
✓ Dissect important non-clinical and non-academic issues in spasticity research and practice

BROUGHT TO YOU BY...
Spasticity X is a collaboration of the Association of Academic Physiatrists (AAP), the International Society for Physical and Rehabilitation Medicine (ISPRM), and TIRR Memorial Hermann:

AAP’s vision is a thriving global academic community leveraging mentorship, leadership, and scholarship to maximize human function. Representing over 3,000 members, our mission is to empower academic physiatrists to advance the science of physical medicine and rehabilitation (PM&R), educate leaders of future, and champion physiatry to transform healthcare.

ISPRM serves as the global agency for the PRM, representing 67 countries and more than 35,000 members worldwide.

TIRR Memorial Hermann is our local partner. Continually recognized as one of America’s Best Hospitals by US News & World Report, TIRR is a national leader in medical rehabilitation and research.
SPASTICITY X EDUCATIONAL SESSIONS
Specific dates & times will be updated on our event website
PHYSIATRY.ORG/SPASTICITYX.

PATHOPHYSIOLOGY
• What is Spasticity? A Modern Definition of Spasticity
• Pathophysiology of Spasticity & a New Taxonomy
• Predicting Spasticity
• Preventing Spasticity
• Clinical Presentations of Spasticity
• Spasticity & Motor Control
• Muscle Synergies & Spasticity
• Quantitative Muscle Changes in Spasticity

ASSESSMENT
• Wearable Sensors for Spasticity
• Artificial Intelligence (AI)-Based Automatic System for Assessing Upper-Limb Spasticity
• 3-D Imaging Innervation Zone to Guide Chemodenervation
• Neuroimaging Biomarkers of Spasticity

CLINICAL & EDUCATIONAL TOPICS
• Spasticity and Pain
• Paratonias and other muscle spasms – how to distinguish clinically from spasticity
• Is spasticity a movement disorder?
• Spasticity Management in Around the World
• Spasticity Education and Competency Assessment
• How can we support more women in spasticity management?
• Understanding spasticity from patients’ perspectives
• The impact of “Therapeutic Alliance” on spasticity treatment outcomes

THEARAPEUTICS
• Extra-corporeal shockwave therapy, peripheral neuromodulation and other physical modalities for spasticity
• Is there a role for robots in spasticity management?
• Multimodal approach to spasticity
• Guided Self-Rehabilitation Contract
• Acupuncture for Spasticity
• Novel oral, mucosal and other promising spasmylytic medications
• Results of the Phase II Study of SL-1002 Limb Spasticity
• Evidence supporting the safety and efficacy of cryoneurolysis for painful spasticity
• Where does cryoneurolysis fit in the treatment strategy for focal painful spasticity?
• Emerging botulinum toxins (A2NTX, daxibotulinumtoxinA, Korean toxins, recombinant toxins)
• High dose botulinum toxin therapy
• Clinical Relevance of Neutralizing Antibodies to Botulinum Neurotoxin Type A
• Central effects of botulinum toxins
• Early Use of Botulinum Toxin for Spasticity
• Recent developments in ITB
• Invasive Physiotherapy as a Treatment of Spasticity
• Percutaneous Needle Fasciotomy
• Neuro-orthopedics
• Implanted nerve stimulation
• Nerve transposition
• Deep Brain Stimulation
More from our incredible line-up of global spasticity rock star speakers:

Philipp Albrecht  
Germany
Abdulla Alrhoomi  
United Arab Emirates
Marta Banach  
Poland
Moon-suk Bang  
Korea
Marjolaine Baude  
France
Ning Cao  
USA
Bo Biering-Sorensen  
Denmark
Eve Boissonneault  
Canada
Stefano Carda  
Switzerland
Thierry Deltombe  
Belgium
Jules DeWald  
USA
Dirk Dressler  
Germany
Alberto Esquenazi  
USA
Jing Gao  
USA
Abderazzak Hajjoui  
Morocco
Cindy Ivanhoe  
USA
Jorge Jacinto  
Portugal
Alberto Javier-Olazabal  
Spain
Ryuji Kaji  
Japan
Patricia Khan  
Brazil
Ryuji Kaji  
Japan
Peter Konrad  
USA
Mindy Levin  
Canada
Sheng Li  
USA
Manuel Mas  
Puerto Rico
Michael Munin  
USA
Jens Bo Nielsen  
Denmark
Anand Pandyan  
United Kingdom
Hung-soon Park  
South Korea
Atul Patel  
USA
Monica Perez  
USA
Alessandro Picelli  
Italy
Olga Pouliotkou  
Austria
Maud Pradines  
France
Preeti Raghavan  
USA
Raymond Rosales  
Philippines
Rajiv Reebye  
Canada
Andrea Santamato  
Italy
Fabienne Schillebeeckx  
Belgium
David Simpson  
USA
Areerat Suputtithada  
Thailand
Michael Temgoua  
Cameroon
Joerg Wissel  
Germany
Yingchun Zhang  
USA
Become a part of our global community by joining us at Spasticity X, the first-ever global spasticity symposium.

THANK YOU TO OUR SPONSORS

Physiatry.org/SpasticityX

October 24-26, 2024
JOIN US FOR THE FIRST INTERNATIONAL SPASTICITY SYMPOSIUM IN HOUSTON!
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