

CONVENTIONS

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Key notes
Programación en español precongreso
Industry sponsored activities
ISPRM meetings / sessions
Thematic poster sessions
Social and networking activities
Nervous system
Pain
Musculoskeletal
Others Health Conditions
Physical and Rehabilitation Medicine (PRM) diagnostics: EDX, Ultrasonido y Outcomes
Engineering and technology and Therapeutics
Specific groups
Health Policies and systems
Specialty development
Social Sciences



CONVENTIONS

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Pre-congress workshops



Saturday 3

Rooms		Room BARAHONA 1	Room BARAHONA 2	Room BARAHONA 4	Room SECRETARIA GENERAL
Start time	Ending time	Pre-congress workshops and courses	Pre-congress workshops and courses	Pre-congress workshops and courses	Talleres y cursos precongreso
8:00	8:30	<p>Workshop Course Musculoskeletal Ultrasound Basic level Day 1 Upper limb joints Chairs: Levent Özçakar (Turkey), Mario Giraldo-Prieto (Colombia)</p>	<p>Workshop Course Musculoskeletal Ultrasound Advanced level Day 1 Upper limb pathologies Chairs: Levent Özçakar (Turkey), Mario Giraldo-Prieto (Colombia)</p>	<p>Workshop International Rehabilitation Forum Building rehab centers where none exist CARF Commission on Accreditation of Rehabilitation Facilities Chair: Andrew Haig (USA), Carolan Terrence (USA)</p>	<p>Curso en español Sillas de ruedas Nivel intermedio Día 1 CICR - ACMFR. Suministro de sillas de ruedas nivel intermedio, según los lineamientos de la OMS Coordinador: Néstor Alzate (Colombia) Conferencistas: Laura María Barón (Colombia) y Camilo Adolfo Leal (Colombia)</p>
8:30	9:30				
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12:30	14:00	Break			
14:00	14:30	<p>Workshop Course Musculoskeletal Ultrasound Basic level Day 1 Upper limb joints Chairs: Levent Özçakar (Turkey), Mario Giraldo-Prieto (Colombia)</p>	<p>Workshop Course Musculoskeletal Ultrasound Advanced level Day 1 Upper limb pathologies Chairs: Levent Özçakar (Turkey), Mario Giraldo-Prieto (Colombia)</p>	<p>Workshop International Rehabilitation Forum Building rehab centers where none exist CARF Commission on Accreditation of Rehabilitation Facilities Chair: Andrew Haig (USA), Carolan Terrence (USA)</p>	<p>Curso en español Sillas de ruedas Nivel intermedio. Día 1 CICR - ACMFR Suministro de sillas de ruedas nivel intermedio, según los lineamientos de la OMS Coordinador: Néstor Alzate (Colombia) Conferencistas: Laura María Barón (Colombia) y Camilo Adolfo Leal (Colombia)</p>
14:30	15:00				
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Pre-congress workshops



Sunday 4

Rooms		Room BARAHONA 1	Room BARAHONA 2	Room BARAHONA 3	Room BARAHONA 4	Room ARSENAL	SALA DE REUNIÓN 304	Room SECRETARIA GENERAL
Start time	Ending time	Pre-congress workshops and courses						
8:00	8:30	<p>Workshop Course Musculoskeletal Ultrasound Basic level Day 2 Lower limb joints Chairs: Levent Özçakar (Turkey), Mario Giraldo-Prieto (Colombia)</p>	<p>Workshop Course Musculoskeletal Ultrasound Advanced level Day 2 Lower limb pathologies Chairs: Levent Özçakar (Turkey), Mario Giraldo-Prieto (Colombia)</p>	<p>Taller en español Musculosquelético Ondas de choque para el fisiatra Coordinador: Pedro Pinto (Colombia) Francisco Bentz Brugal (República Dominicana), Carlos Leal (Colombia), Isabella Nuñez Azpúrua (República Dominicana), Andersson Razo Albaracín (Colombia), Marcos Henriquez Corpoadán (Estados Unidos), Paul Teheran (Ecuador)</p>	<p>Taller en Español de la Industria BTL Uso de ELECTROMAGNETISMO en la intervención de trastornos de disfunción del piso pélvico "Síndrome del dolor pélvico crónico: Paciente con prostatitis" Conferencista: María Alejandra Lissa (Colombia)</p>	<p>Workshop Electrodiagnosis New perspectives and challenges in electrodiagnostic medicine IFCN/ISPRM Joint Meeting Chair: Jorge Eduardo Gutierrez (Colombia) Motor Unit Number Index (MUNIX) principles and practice Sanjeev D. Nandedkar (USA) Paraspinal mapping Andrew Haig (USA) Rational Uses of Reference Values and Combining multiple measures into a summary index - for more reliable measurement in Electrodiagnosis Larry Robinson (Canada) EDX and US in the evaluation of entrapment syndromes Levent Oskacıkar (Turkey) Jitter measurement with concentric needle Sanjeev D. Nandedkar (USA) Pitfalls in nerve conduction studies Larry Robinson (Canada) Basic and complex EMG waveform recognition Sanjeev D. Nandedkar</p>	<p>Taller en español, Parte I Síndrome Miofascial, Síndromes de disfunción neuromusculosquelética: La ciencia y el arte de curar con las manos Coordinador: Enrique Avelino Estévez (Colombia) Conferencistas: Tomas Sanezo Nakazato (Perú), Jay Shah (USA), Pedro Romero Ventosilla (Perú)</p>	<p>Curso en español Sillas de ruedas Nivel Intermedio Día 2 CICR - ACMFR Suministro de sillas de ruedas nivel intermedio, según los lineamientos de la OMS Coordinador: Néstor Alzate (Colombia) Laura María Barón (Colombia) y Camilo Aldofo Leal Verdugo (Colombia)</p>
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12:30	14:00	Break						
14:00	14:30	<p>Workshop Course Musculoskeletal Ultrasound Basic level Day 2 Lower limb joints Chairs: Levent Özçakar (Turkey), Mario Giraldo-Prieto (Colombia)</p>	<p>Workshop Course Musculoskeletal Ultrasound Advanced level Day 2 Lower limb pathologies Chairs: Levent Özçakar (Turkey), Mario Giraldo-Prieto (Colombia)</p>	<p>Workshop Prosthesis. Multidisciplinary approach to prosthetics prescription: Clinical cases review, clinical cases presentation Carolina Schiappacasse (Argentina), Miguel Angel Gutierrez (Colombia), Juan Pablo Valderrama (Colombia)</p>	<p>Taller en español Abordaje rehabilitador en el dolor pélvico crónico Coordinadora: Soraya Hijazi Vega (España) Georgina Romero (España), Soraya Hijazi Vega (España), Ana Borobia Pérez (España), Carmen Urbaneja Dorado (España)</p>	<p>Workshop Electrodiagnosis New perspectives and challenges in electrodiagnostic medicine IFCN/ISPRM Joint Meeting Chair: Jorge Eduardo Gutierrez (Colombia) EDX Approach to Peripheral neuropathies Paul Barkhaus (USA) Role of EDX in Radiculopathies Mark Lissens (USA) Approach to Brachial Plexopathies Jorge Eduardo Gutierrez (Colombia) Clinical neurophysiology of ALS Paul Barkhaus (USA) Role of electrodiagnosis in nerve transfers for focal neuropathies and brachial plexopathies Larry Robinson (Canada) EDX findings in NMJ disorders Carlos Rangel (Colombia) EDX Approach to Myopathies Paul Barkhaus (USA)</p>	<p>Taller en español Parte II Síndrome Miofascial Avances en la neuro fisiopatología, diagnóstico y tratamiento de la sensibilización espinal segmentaria Coordinador: Enrique Avelino Estévez (Colombia) Conferencistas: Tomas Sanezo Nakazato (Perú), Jay Shah (USA), Pedro Romero Ventosilla (Perú)</p>	<p>Curso en español Sillas de ruedas Nivel Intermedio Día 2 CICR - ACMFR Suministro de sillas de ruedas nivel intermedio, según los lineamientos de la OMS según los lineamientos de la OMS Coordinador: Néstor Alzate (Colombia) Laura María Barón (Colombia) y Camilo Aldofo Leal Verdugo (Colombia)</p>
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Monday 5

Rooms		AUDITORIUM GETSEMANI	ROOM BARAHONA 2	ROOM BARAHONA 3	ROOM BARAHONA 4	ROOM ARSENAL	MEETING ROOM 302
Start time	Ending time	Plenary room	ISPRM breakout	ISPRM breakout	ISPRM breakout	ISPRM breakout	ISPRM breakout
8:00	8:25	Congress opening, Welcome					
8:25	8:45	Videoconference. WHO technical lead for rehabilitation - Getsemani Auditorium Antony Duttinne (USA)					
8:45	9:30	Keynote The challenge of healthy longevity: The importance of rehabilitation - Getsemani Auditorium Walter Frontera (Puerto Rico)					
9:30	10:00	Morning break					
10:00	10:30	Scientific session Academic capacity building in PRM Chair: Francesca Gimigliano (Italy), Jorge Lains (Portugal), Gerold Stucki (Switzerland), Walter Frontera (Puerto Rico), Abderrazak Hajjioui (Morocco), Gwen Sowa (USA), Luz Helena Lugo (Colombia), Masahiko Mukaina (Japan), Julia Patrick Engkasan (Malaysia), Ian Cameron (Australia), Sinforian Kambou (Cameron)	Scientific session Diagnosis Spinal Segmental. Sensitization (SSS): A baffling pain syndrome. How to perform a successful diagnosis and treatment? Tomas Sanezo Nakazato (Peru), Pedro Romero Ventosilla (Peru), Jay Shah (USA)	Scientific session Preparing the home for the silver tsunami David Burke (USA)	Scientific session Rehabilitative approach to specific problems in geriatric patients Aysegül Ketenci (Turkey), Dilsad Sındel (Turkey), Deniz Evcik (Turkey)	Scientific session Stem cell therapy after acute neuronal injuries Xiaofeng Jia (USA)	Scientific session Virtual reality exergames in rehabilitation: Lessons learned from a multidisciplinary team José López Sánchez (Spain), John Edison Muñoz (Canada), Juan Felipe Villada (Colombia), José López Herrera (Colombia)
10:30	11:00						
11:00	11:30					TBA	
11:30	12:00	Scientific session Technologies and remote telemedicine David Burke (USA)	Short workshop Clinical updates on neuropathic pain assessment and management Marta Imamura (Brazil), Belgin Erhan (Turkey), Pinar Borman (Turkey), Heakyung Kim (USA)	Oral Presentations Rehabilitation Services 11:00 - 1602263 Healthy aging and rehabilitation service delivery models used to optimize intrinsic capacity and functional ability: a scoping review 11:10 - 5795306 Characterizing high-cost healthcare users among adults with back pain in Ontario, Canada: A population-based cohort study 11:20 - 5794937 A feasibility study of a case management intervention for people at high risk of permanent work disability to improve rehabilitation coverage 11:30 - 5756194 Overview of Cochrane systematic reviews for the development of the who package of interventions for rehabilitation: A mapping synthesis 11:40 - 5702197 Race-ethnic differences in the treatment of complications associated with acute traumatic brain injury 11:50 - 5788513 Implementation of an early in-reach rehabilitation program can increase home discharges from acute care 12:00 - 5797378 Prevalence and characteristics of healthcare utilization with different providers among Canadians with chronic back problems from 2001 to 2016: A population-based study	Scientific session Balance rehabilitation engineering Areeart Suputtittada (Thailand), Henrik Hautop Lund (Denmark)	Scientific session Medical leadership: Navigating successfully through global turmoil Sam S.H. Wu (USA), Toyoko Asami (Japan), Linamara Battistella (Brazil), Joel A. DeLisa (USA), Francesca Gimigliano (Italy)	Oral Presentations Telerehabilitation 11:30 - 5702240 Validation of the use of smartphones for the evaluation of trunk control in children with spinal cord injury during telerehabilitation 11:40 - 5570377 Functional results and feasibility of a telerehabilitation program in patients who are candidates for elective colorectal cancer surgery during the COVID-19 11:50 - 5789802 The feasibility and effectiveness of internet-based rehabilitation for patients with knee osteoarthritis: a randomized controlled trial in the community setting 12:00 - 5736641 Retrospective study: Braxström-Gould procedure and the respective rehabilitation programme in the treatment of the ankle 12:10 - 5736728 Running injuries in Portuguese veteran runners
12:00	12:30	Scientific session Rehabilitation needs in Ukraine Chairs: Boya Nugraha (Germany), Anastasiia Boichuk (Ukraine), Christoph Gutenbrunner (Germany)					
12:30	13:00						
13:00	13:30						
13:30	14:00						
14:00	14:30	Keynote New perspectives on evidence in rehabilitation: From history to future - Getsemani Auditorium Stefano Negrini (Italy)					
14:30	15:00	Keynote Training PRM physicians in low-to-middle income countries: Can we do things differently? - Getsemani Auditorium Abena Tannor (Ghana)					
15:00	15:30	ISPRM Youth Forum Scientific Activities on ISPRM Congress 2023 ISPRM Youth Forum Session Scientific Session Can you have it all? Supporting worklife balance of trainees having or starting a family during PM&R residency fellowship Stephanie Rand (USA), Sharon Bushi (USA), Erika Trovato (USA), Nahyun Kim (USA), Kristen de Vries (USA)	Long workshop Myofascial pain syndrome Introduction to chronic myofascial pain: Where are we now and where do we need to go? John Srbely (Canada), Lynn Gerber (USA), Siddhartha Sikdar (USA), Antonio Stecco (USA), Secill DiStefano (USA), Marta Imamura (Brazil)	Scientific session Rehabilitation management in patients with spinal cord injury and spinal cord tumors Carolina Gutierrez (USA), Joel Frontera (USA)			
15:30	16:00						
16:00	16:30	Youth Forum ISPRM 2023 Chairmen: Alessandro de Sire (Italy), Maria Paz Grisales (Colombia) ISPRM Youth Forum: past, present and future Alessandro de Sire (Italy)	Emerging science informing its mechanisms, diagnosis and management John Srbely (USA), Jay Shah (USA), Antonio Stecco (USA)	Oral Presentations 16:20 - 16:30 5700571 - The role of elastography in volume assessment of lymphedema using multi-frequency bioimpedance analysis	Short workshop Interactive Workshop Recommendations and guidelines on frailty: From theory to practice How to use the ISPRMs Frailty Focus Group recommendations in every day clinical practice Eleftheria Antoniadou (Luxemburgo), Walter Frontera (Puerto Rico), Francesca Gimigliano (Italy), Maoyeon Oh-Park (USA), Paolo Capodaglio (Italy)		
16:30	17:00	PRM Residents Perspective in Colombia Maria Paz Grisales (Colombia) Career building pearls for residents, fellows and young physiatrists Rochelle T. Dy (USA)	The dynamic role of interstitial inflammatory stasis in chronic myofascial pain and idiopathic pain syndromes: Exploring the clinical and therapeutic implications of a novel mechanism Brian Tuckey (USA), Jay Shah (USA), John Srbely (USA)	Scientific session Health system integration of rehabilitation in head and neck cancer care Carolina Gutierrez (USA), Ron Kami (USA), Sandy Miller (USA)		Long workshop Grade moving from evidence to recommendation Ana Maria Posada (Colombia), Chiara Arienti (Italy), Jesus Plata (Colombia), Mario Giraldo (Colombia), Iván Darío Flórez (Colombia)	Long workshop Optimizing the use of the ultrasound for spasticity assessment and management: Clinical and practical pearls Reesbye N. Raliv (Canada), Michael Craig Munin (USA), Omar D. Khan (Canada), Alto Lo (Canada), Eve Boissonnault (Canada)
17:00	17:30						
17:30	18:00	ISPRM Youth Forum Discussion: young specialists and PRM residents' point of view Alessandro de Sire (Italy), Maria Paz Grisales (Colombia)					
18:00	19:00						
19:00	20:00						
20:00	21:00	Opening Ceremony / Welcome Reception (Esplanade of San Francisco CCCI)					

Monday 5

Rooms		MEETING ROOM 303	MEETING ROOM 304	ROOM SECRETARIA GENERAL	ROOM BARAHONA 1	MEETING ROOM 301	MEETING ROOM 103	ROOM PEGASOS						
Start time	Ending time	ISPRM breakout 3		ISPRM Breakout 4		ISPRM Breakout 5		3rd Iberoamerican meeting and XXXI Colombian Congress of Physical and Rehabilitation Medicine						
8:00	8:25	Congress opening, Welcome							Posters rooms					
8:25	8:45	Videoconference. WHO technical lead for rehabilitation - Getsemani Auditorium Antony Duttinne (USA)												
8:45	9:30	Keynote The challenge of healthy longevity: The importance of rehabilitation - Getsemani Auditorium Walter Frontera (Puerto Rico)												
9:30	10:00	Morning break												
10:00	10:30	<p>Scientific session Breast cancer treatment sequelae and rehabilitation interventions Amy Ng (USA), Diana Molinaras (USA), Megan Nelson (USA), Laura Huang (USA)</p>	<p>Scientific session Manual and electro-acupuncture in common musculoskeletal painful conditions: An evidence based approach Muhammad Tawab Khaliq (Pakistan), Umer Younas (Pakistan), Imran Ishaq (Pakistan), Ali Roza Qureshi (Pakistan)</p>	<p>Short workshop Cochrane rehabilitation workshop: Systematic review critical appraisal and evidence communication Julia Patrick Engkasan (Malaysia), Farooq Azam Rathore (Pakistan), William Levack (New Zealand)</p>	<p>Taller en español Ecografía Ecografía columna cerviceo lumbar Coordinador: Javier Benavides (Colombia) Luis Cedillo (México), Juan Rojas (México)</p>	<p>Simposio Rehabilitación oncológica Desafíos de la rehabilitación oncológica Coordinadora: Yudi Milena Rodríguez (Colombia) Carolina Gutiérrez (EE.UU), Paola Alejandra Ritter (Chile), Ana María Hernández (Colombia), Christina May Moran de Brito (Brasil), Yudi Milena Rodríguez (Colombia)</p>	<p>Simposio Rehabilitación en parálisis cerebral Coordinadora: Carolina Toro (Colombia) Isabel Londoño (Colombia), Carlos Quintero (Colombia), Sandra Castellar (Colombia), Carolina Toro (Colombia)</p>	<p>Thematic poster sessions</p>						
10:30	11:00								<p>Oral Presentations Women & Cancer 11.00 - 5736918 Multicenter observational study on bone loss prevention in postmenopausal breast cancer women undergoing aromatase inhibitors 11.10 - 5737372 Health related quality of life in Italian postmenopausal breast cancer women evaluated using the ECOS-16 questionnaire 11.20 - 5827468 Efficacy of beta-neuronal modulation treatment in overactive bladder and sleep in women: A randomized controlled clinical trial 11.30 - 5728358 Rehabilitation in patients with leukemia: an overview of systematic reviews</p>	<p>Satellite Symposium HEEL Inflammation resolution: A reason to rethink approaches to MSK injuries Speakers: Ludger Gardesmeier (Germany), Myron Schultz (Germany), Andrés Guardias (Colombia)</p>	<p>Scientific session Board certification in the USA: A continuing process improvement Vu Nguyen (USA), Carolyn L. Kinney (USA), Gerard E. Francisco (USA)</p>	<p>Taller en español Ecografía Ecografía de nervio periférico Coordinador: Javier Benavides (Colombia) Luis Cedillo (México), Juan Rojas (México)</p>	<p>Simposio Terapias no farmacológicas en el tratamiento del dolor oncológico Coordinadores: Victor Martínez (Colombia) Gemma Herrera Belmonte (Bolivia), Ana Carolina Méndez (México), Vanessa Ucles Villalobos (Costa Rica), Yudi Milena Rodríguez (Colombia)</p>	<p>Thematic poster sessions</p>
11:00	11:30													
11:30	12:00	Keynote New perspectives on evidence in rehabilitation: From history to future - Getsemani Auditorium Stefano Negrini (Italy)												
12:00	12:30	Keynote Training PRM physicians in low-to-middle income countries: Can we do things differently? - Getsemani Auditorium Abena Tannor (Ghana)												
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15:00	15:30	<p>Long workshop 5th Annual workshop on global approaches to the rehabilitation of cancer patients Vishwa S. Red (USA), Pinar Borman (Turkey), Abderrazak Hajjioui (Morocco), Terrence Carolan (USA), Ady Correa Mendoza (USA), Krystal Song (Australia), Christina May Moran de Brito (Brazil)</p>	<p>Scientific session Rapid triage of new onset complex regional syndrome: From diagnosis, treatment to distinguishing between type 1 and type 2 Paul Winston (Canada), Fraser MacRae (Canada)</p>	<p>Oral Presentations Stroke 15.00 - 5736654 Cross-cultural adaptation of the Italian modified Barthel Index: development and pre-testing 15.20 - 5736554 Narrative review of rehabilitation in the home compared to inpatient rehabilitation for stroke 15.30 - 5736804 Therapeutic effect of repetitive transcranial magnetic stimulation for post-stroke vascular cognitive impairment: A prospective pilot study 15.40 - 5753178 Pericapsular nerve group (PENG) block of shoulder joint in patients with adhesive capsulitis: A pilot study 15.50 - 5693000 Differences in treatment characteristics, and patient and occupational therapist satisfaction, between robot therapy and conventional occupational therapy among individuals post-stroke 16.00 - 5864050 Extracorporeal shock wave therapy in spinal cord injury</p>	<p>Taller en español Ecografía de nervio periférico Coordinador: Javier Benavides (Colombia) Luis Cedillo (México), Juan Rojas (México)</p>	<p>Simposio Ejercicio Fisiología del ejercicio aplicada a la rehabilitación Coordinador: Juan Pablo Forero (Colombia) Pavel Loeza Magaña (México), William Micheo (Puerto Rico), Selino Zenteno Martínez (México), Ana Belén Aguilar (México)</p>	<p>Oral presentations COVID-19 15.00 - 5795686 The prevalence of and factors associated with unmet rehabilitation needs among Canadians with long-term conditions or disabilities during the first wave of the COVID-19 pandemic 15.10 - 5796851 Were unmet rehabilitation needs associated with health deterioration early in the COVID-19 pandemic? A cross-sectional study of Canadians living with long-term conditions or disabilities 15.20 - 5876408 Post-acute Sars-Cov-2 symptoms are fewer and less intense in people treated with monoclonal antibodies for acute infection than those untreated 15.30 - 5700547 Coronavirus disease 2019 causes new disabilities and worsens pre-existing ones early in the post-recovery phase 15.40 - 5795019 Association of post-COVID-19 complications and the functional status of the covid-19 survivors in a tertiary health care center in Bangladesh 15.50 - 5887800 Severe, persistent fatigue is the most prevalent symptom post-sars-cov-2 infection 16.00 - 5837026 Feasibility and utility of telephonic follow-up of stroke survivors during the COVID-19 pandemic in "real-world" settings using post-stroke checklist</p>	<p>Thematic poster sessions</p>						
15:30	16:00								<p>Scientific session Identity is power: The unexpected role of disability culture, humor, and wisdom in enhancing PM&R clinical care Nora Newcombe (USA), Yetsa Tuuki-Wosornu (USA), Uma Pandian (Qatar), Abderrazak Hajjioui (Morocco), c</p>	<p>Ecografía: Técnica de intervención doble y triple guiada Módulo de Patología Coordinador: Javier Benavides (Colombia) Luis Cedillo (México), Juan Rojas (México)</p>	<p>Simposio Ejercicio es medicina Coordinador: Juan Pablo Forero (Colombia) William Micheo (Puerto Rico), Gerardo Miranda-Comas (Puerto Rico), Walter Frontera (Puerto Rico), Pavel Loeza Magaña (México)</p>	<p>Taller Estrategias de detección temprana en parálisis cerebral: Valoración y escalas Coordinadora: Doris Valencia Carolina Aylton (Argentina)</p>		
16:00	16:30												<p>Oral Presentations - Neurologic 16.30 - 5693391 Regenerative rehabilitation for spinal cord injury in preclinical models: Its role and mechanisms 16.40 - 570226 Mechanical administration neural crest stem cells attenuates neuroinflammation and neuropathic pain after CCI by suppressing glial activation and neuronal cell death 16.50 - 5693320 Focal transcranial alternating current stimulation (tACS) of the motor hand area: impact of stimulation intensity on task-induced effects on corticospinal excitability 17.00 - 5700016 Predicting entrapment site of ulnar neuropathy at elbow by origin of cubital veins 17.10 - 5795287 Cryoneurolysis of the peroneal nerve to improve mobility in a hospitalized patient with an occluded neuropathy and knee osteoarthritis: A case report 17.20 - 5702266 Comparison of early vs late passage neural crest stem cell-derived extracellular vesicle characterization for peripheral nerve injury treatment 17.30 - 5888001 Muscle ultrasound assessment of post-stroke spasticity using modified hickmatt scale: preliminary results from a prospective observational study 17.40 - 5790527 Effect of intermittent theta burst stimulation to caudal horn vermis on balance function in patients with clinically probable multiple system atrophy: A case report 17.50 - 5766944 Exercise therapy for the improvement of strength and function of upper extremity in adults with cervical spinal cord injury: A systematic review with network meta-analysis</p>	
16:30	17:00	Opening Ceremony / Welcome Reception (Esplanade of San Francisco CCCI)												
17:00	17:30													
17:30	18:00													
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20:00	21:00													

Tuesday 6

Rooms		AUDITORIUM GETSEMANI	ROOM BARAHONA 2	ROOM BARAHONA 1	ROOM BARAHONA 4	ROOM ARSENAL	MEETING ROOM 302
Start time	Ending time	Plenary room	ISPRM breakout	ISPRM breakout	ISPRM breakout	ISPRM breakout	ISPRM Breakout
7:00	8:00		Symposium HOCOMA Optimizing rehabilitation with advanced technology: From theory to clinical practice				
8:00	8:30	Short workshop What have we learned from post-covid syndrome?	Short workshop Cochrane Rehabilitation Session Chair: Francesco Giugliano (Italy), Luz Velasco Lugo (Colombia), Stefano Negri (Italy) Cochrane evidence relevant to rehabilitation of people with post COVID-19 condition Catherine Kalkens (Belgium) Overview of different methodologies for evidence synthesis	Short workshop Part I Ultrasound & EMG: PMR investigations for evaluation of peripheral nerves	Short workshop Views on treatment for persons with an amputation	Short workshop Ultrasound: Guided common and uncommon nerve blocks with alcohol for spasticity	Scientific session The art of treating hypertension: What, when, why and how Hana Azizi (USA), Elizabeth Bates (USA), Vera Tsetlina (USA), Deborah Cassidy (USA)
8:30	9:00	Understanding mechanisms and rehabilitation interventions in managing post-viral syndrome Manoj Sivan (UK), Anto Pick (UK), Joanna Corrado (UK), Ram Hariharan (UK)	Alternatives to RCTs to determine the effectiveness of rehabilitation interventions Pierre Côté (Canada) Qualitative experiments: a potential source of evidence in rehabilitation? Therstan Meyer (Germany) Factors that influence the provision of home-based rehabilitation services for people needing rehabilitation: a qualitative evidence synthesis Ana María Posada (Colombia)	Director: Amit Bhargava (USA), Channarayapana Sridhara (USA), Faren Williams (USA), Mario Giraldo-Prieto (Colombia)	Jan Geertzen (Netherlands), Carolina Schioppacasse (Argentina), Juan Martina (Netherlands)	Yuxi Chen (USA), Heekyung Kim (USA), Rochelle T. Dy (USA)	
9:00	9:30						Oral Presentations - Spasticity 9:00 - 5734496 Development of a virtual teaching tool for support in the application of botulinum toxin 9:10 - 5736334 Treatment of hemiplegic shoulder pain syndrome with botulinum toxin compared to placebo 9:20 - 5701094 Adherence to botulinum toxin treatment: a 2-year retrospective claims database analysis
9:30	10:00	Morning break					
10:00	10:30	Keynote Predicting recovery from peripheral nerve trauma - Getsemani Auditorium Lawrence R Robinson (Canada)					
10:30	11:00	Keynote Post-Long COVID-Rehabilitation: Rehabilitation need, assessment, assignment and interventions - Getsemani Auditorium Christoph Gutenbrunner (Germany)					
11:00	11:30	Scientific session ICF ISPRM's pilot testing of ClinFIT COVID-19 worldwide: Road toward an interval-scale functioning score for use across the care continuum Gerold Stucki (Switzerland), Masahiko Mukaino (Japan), Melissa Selb (Switzerland)	Scientific session The use of evidence in health policies Chair: Daniel Felipe Patiño (Colombia) The use of clinical practice guidelines to support decision-making in health systems Iván Darío Fílor (Colombia) Contextualizing the use of evidence in policy making: a colombian case Daniel Felipe Patiño (Colombia) The Colombian Guideline for amputee patients, a case study for rehabilitation policies in the country Jesus Alberto Plata (Colombia)	Short workshop Part II Ultrasound evaluation of peripheral nerves: Upper limbs Director: Amit Bhargava (USA), Heekyung Kim (USA), Liliana Rodriguez (Colombia), Navita Purohit (India), Mark Hurdle (USA), Kamal Mezian (Czech), Nicolas Muñoz (Colombia), Mario Giraldo (Colombia)	Scientific session Rehabilitation after limb loss: History, advanced prosthesis and surgical pain management options Marlis Gonzalez Fernandez (USA), Jaimie Shores (USA)	Scientific session Cultivating a culture of well-being in the clinical learning environment Rochelle T. Dy (USA), Aaron Yang (USA), Maria Gabriella Ceravolo (Italy), Muhammad Tawab Khalil (Pakistan)	Short workshop Art and science of performing chemical and cryo neurolysis for spasticity management Radha Kurupolu (USA), Monica Verduzzo-Gutierrez (USA), Paul Winston (Canada), Glendaliz Bosques (USA)
11:30	12:00						
12:00	12:30				Oral Presentations Amputation 12:00 - 5700616 VR in the treatment of phantom limb pain 12:10 - 5886277 Basal kinematic force of closed kinetic chain in the preserved limb, in patients with amputation 12:20 5790424 - A descriptive study from a cohort of lower limb amputee patients of the labor regime		
12:30	13:00				Industry sponsored activities Symposium IPSEN ABOUT TIME: The Impact of long term outcomes in patients treated with Botulinum Toxin Speaker: Jorge Jacinto (Portugal), Alberto Esquenazi (USA), Klemens Fheodoroff (Austria)	Industry sponsored activities Symposium Ottobock Todo lo que debe saber sobre prótesis deportivas Speakers: Thomas Pflieger (Germany), Miguel Angel Gutierrez (Colombia)	
13:00	14:00						
14:00	14:30	Keynote Looking ahead: Exciting prospects in spasticity management - Getsemani Auditorium Gerard E. Francisco (USA)					
14:30	15:00	Keynote - Application of wearable devices for digital health portraits in rehabilitation medicine: Rational practice and future - Getsemani Auditorium Jianan Li (China)					
15:00	15:30	Scientific session Presentations from the multi-disciplinary Collaborative Consensus Group of the AAPMR for patients with post-acute sequelae of SARS-CoV-2 infection (PASC): Fatigue, cardiopulmonary, neurological and pediatric conditions Matthew Bartels (USA), Jonathan H. Whiteson (USA), Joseph E. Herrera (USA), Jeffrey Fine (USA), Yuxi Chen (USA)	Scientific session Working together to achieve shared goals: The ISPRM Special Interest Groups (SIGS) Gerard E. Francisco (USA)	Short workshop Part III Ultrasound evaluation of peripheral nerves: Lower limbs Director: Amit Bhargava (USA) Heekyung Kim (USA), Liliana Rodriguez (Colombia), Navita Purohit (India), Mooyeon Oh-Park (USA), Mark Hurdle (USA), Kamal Mezian (Czech), Nicolas Muñoz (Colombia)	Scientific session Implementation of personalized 3D orthosis in inpatient rehabilitation unit Ning Cao (USA), Thomas Watanabe (USA), Mukul Talaty (USA)	Scientific session Stop wasting people's time: Learn how to create and deliver great presentations Farooq Azam Rathore (Pakistan), Muhammad Tawab Khalil (Pakistan)	Scientific session Promoting physical activity through primary health care Hajjoui Abderrazak (Morocco), Yetsa Tuakli-Wasornu (USA), Salma Azzazi (Morocco), Fiona Bull (Australia), Angela Palomba (Italy)
15:30	16:00						
16:00	16:30	Scientific session Updates in the management of long COVID syndrome: New learnings Farha Ikramuddin (USA)	Scientific session Probabilistic decisions for physiatrist: the Bayesian Theory for best care of the patient Mario Giraldo-Prieto (Colombia)	Short Workshop Spasticity Ultrasound-guided nerve blocks for spasticity management in adult and pediatric patients Sheng Li (USA), Heekyung Kim (USA), Paul Winston (Canada)	Short workshop 3-Dimensional printing: Introduction and applications in psychiatric patient care Stephanie Rand (USA)	Short workshop Clinical trial governance and conduct: Ethics, trial registration and reporting guidelines Farooq Azam Rathore (Pakistan)	ISPRM Educational session Move a muscle, change a life: The imperative to integrate exercise into global medical education Chairs: Abderrazak Hajjoui (Morocco), Yetsa Tuakli-Wasornu (USA) Laura Muñoz-Velasco (Mexico), Bo Young Hong (Korea), Rochelle T. Dy (USA)
16:30	17:00						
17:00	17:30	Scientific session Evolving components of A long covid multidisciplinary clinic and analysis of patient characteristics Surendra Barshikar (USA), Michael Feday (USA), Nyaz Didehbari (USA), Kathleen Bell (USA)	The role of the municipality and community organization in regards to Physical Rehabilitation Capacity Building in Nepal Laxmi Prasad Upadhyaya (Nepal), Ramesh Shrestha (Nepal), Som Nath Timilina (Nepal), Anil Sapkota (Nepal), Sagar Gurung (Nepal), Dev Bahadur Bhandari Ale (Nepal), Sunil Subedi (Nepal), Dayaram Poudel (Nepal), Tirthendra Thapa (Nepal)		Scientific session How to quickly and easily assess the autonomic nervous system in clinical practice: A hands-on learning approach Raquel Medina-Ramirez (Spain), Fabiola Molino-Cadete (Spain), Bernabé Mochó-Costello (Spain)		
17:30	18:00				Oral Presentations Amputation 17:30 - 5702377 Energy expenditure in individuals with transtibial amputation: does distal stabilization exercises have any benefit? 17:40 - 5784389 Lower limb orthotic interventions using an online algorithm for the configuration of components: A case series		
18:00	18:30						
18:30	19:00						

Tuesday 6

Rooms		MEETING ROOM 303	MEETING ROOM 304	ROOM SECRETARÍA GENERAL	ROOM BARAHONA 3	MEETING ROOM 301	MEETING ROOM 103	ROOM PEGASOS	
Start time	Ending time	ISPRM breakout	ISPRM breakout	ISPRM breakout	Encuentro Iberoamericano y XXXI Congreso Colombiano de Medicina Física y Rehabilitación	Encuentro Iberoamericano y XXXI Congreso Colombiano de Medicina Física y Rehabilitación	Encuentro Iberoamericano y XXXI Congreso Colombiano de Medicina Física y Rehabilitación	Posters room	
7:00	8:00								
8:00	8:30	<p>Short workshop Diagnosis of oncology rehabilitation in Latin America Ana Carolina Méndez (Mexico), Christina May Moran de Brito (Brazil), Roger Vargas González (Costa Rica), Ana María Hernández Rivera (Colombia), Gemma María Herrera (Bolivia)</p>	<p>Scientific session Current status of research in rehabilitation in Latin America Coordinador: Juan Manuel Guzmán (Mexico), Walter Frontera (Puerto Rico), Eduardo de Melo Carvalho (Brazil), Verónica Matassa (Argentina), Carolina Rivera (Chile), Ignacio Devesa (México)</p>	<p>TBA</p>	<p>Simposio Abordaje desde la perspectiva holística del paciente Coordinadora: Doris Valencia (Colombia), Verónica Silvana Matassa (Argentina), Rodrigo Castro Rebolledo (Colombia), David Cancel (EE UU), Glendaliz Bosques (EE UU)</p>	<p>Simposio Visión multidimensional del dolor en la medicina Física y Rehabilitación Coordinadora: Hilda Wilches (Colombia), Andrés Omar Guardias (Colombia), Pedro Pinta (Colombia), Natalia Valencia Gutiérrez (Colombia), Hilda Wilches (Colombia)</p>	<p>Simposio Rehabilitación post-covid Actualización de estrategias de rehabilitación en síndrome post-covid Coordinador: Jorge Mauricio Tolosa (Colombia), Yudi Milena Rodríguez (Colombia), Fabián Barragán Noriega (Colombia), Liliana Carolina Manrique (Colombia), Jorge Mauricio Tolosa (Colombia)</p>	<p>Thematic Poster Sessions</p>	
8:30	9:00								
9:00	9:30								
9:30	10:00	Morning break							
10:00	10:30	Keynote Predicting recovery from peripheral nerve trauma - Getsemani Auditorium Lawrence R Robinson (Canada)							
10:30	11:00	Keynote Post-Long COVID-Rehabilitation: Rehabilitation need, assessment, assignment and interventions - Getsemani Auditorium Christoph Gutenbrunner (Germany)							
11:00	11:30	<p>Scientific session Cognitive effects in pediatric CNS tumors and rehabilitation strategies Yael Yona Rabinovich (Israel), Grinbaum Sigal (Israel), Yaheloma Fadida (Israel)</p>	<p>Scientific session Introduction of the 2021 International Standards to Document Autonomic Function Following SCI (ISAFSCI) Camilo Castillo (USA), Isaac Hernandez Jimenez (USA), Andrei Krassioukov (Canada)</p>	<p>Scientific session Sleep assessment in the chronic patient: A practical approach to new innovations and current evidence Raquel Medina-Ramirez (Spain), Fabiola Molina-Cedrés (Spain), Bernabé Machio-Castello (Spain)</p>	<p>Simposio Neurorehabilitación Control motor en lesiones encefálicas cerebrales del adulto: Un abordaje desde la neurorehabilitación actual Coordinador: Javier Benavides Catalina Ruiz (Colombia), Javier Benavides (Colombia), Carlos Reyes (Colombia), Regelio Camacho (Colombia)</p>	<p>Simposio Rehabilitación oncológica, parte de manejo integral del cáncer de mama. Coordinador: Juan Guillermo Montoya (Colombia), Beatriz Eugenia Pineda (Colombia), Juan Guillermo Montoya (Colombia)</p>	<p>Mesa redonda Esclerosis lateral amiotrófica: Manejo interdisciplinario en rehabilitación. Coordinadora: Sandra Castellar (Colombia), Ana Carolina Méndez Silva (México), Karla Mariana Castillo Ortega (México), Gabriela Legorreta (México), Andrea Pérez Santana (México)</p>	<p>Thematic Poster Sessions</p>	
11:30	12:00								
12:00	12:30								
12:30	13:00				<p>Workshop BTL High technology in neurorehabilitation Ondrej Prouza (Czechia)</p>				
13:00	14:00								
14:00	14:30	Keynote Looking ahead: Exciting prospects in spasticity management - Getsemani Auditorium Gerard E. Francisco (USA)							
14:30	15:00	Keynote - Application of wearable devices for digital health portraits in rehabilitation medicine: Rational practice and future - Getsemani Auditorium Jianan Li (China)							
15:00	15:30	<p>Short workshop The WHO world rehabilitation Alliance: Relevance of health systems and policy research Wouter De Groot (Belgium), Bruno Bonnechère (Belgium), Walter Frontera (Puerto Rico), Leighton Chan (USA)</p>	<p>Scientific session Mechanical ventilation management in people with spinal cord injury: A review of current guidelines and emerging new evidence Radha Korupolu (USA), Isaac Hernandez Jimenez (USA)</p>	<p>Taller Medicina Basada en la Evidencia Búsqueda de información para Medicina Basada en la Evidencia Coordinadora y conferencista: Paola Andrea Ramirez (Colombia)</p>	<p>Simposio Órtesis y prótesis Nuevos conceptos en prótesis, órtesis y escalas funcionales en pacientes con compromiso de miembros inferiores. Coordinador: Juan Manuel Guevara (Colombia), Juan Pablo Valderrama (Colombia), Yudith Chivatá Chivatá (Colombia) y Miguel Ángel Gutiérrez (Colombia) Juan Manuel Guevara (Colombia)</p>	<p>Simposio Rehabilitación cardiopulmonar Nuevos retos en rehabilitación cardio pulmonar Coordinadora: Monica Rincon-Roncancio (Colombia), Conferencistas: Javier Benavides (Colombia), Carolina De Miguel (España), Claudia María Navas Ríos (Colombia)</p>	<p>Simposio Espasticidad El paciente con espasticidad: el abordaje actual desde la neurorehabilitación moderna Coordinador: Javier Benavides (Colombia), Conferencistas: Doris Valencia (Colombia), Carolina De Miguel (España), Ramón Cuevas (EE UU) Javier Benavides (Colombia)</p>	<p>Thematic Poster Sessions</p>	
15:30	16:00								
16:00	16:30								
16:30	17:00	<p>Scientific session One specialty, one name? A debate and a survey Chair: Manoj Sivan (UK), Gerard E. Francisco (USA), Fary Khan (Australia), Francesca Gimigniano (Italy), Stefano Negrini (Italy), Carlotte Klekens (Belgium)</p>	<p>ISPRM Assembly of Individual Members</p>	<p>Taller Amputaciones en niños. Coordinador: Miguel Ángel Gutiérrez (Colombia), Carolina Schioppacasse (Argentina)</p>	<p>Simposio Obesidad y rehabilitación Coordinadora: Carolina De Miguel (España), Judith Sánchez-Raya (España), Sara Lave Garcia (España), Marta Supervia (España)</p>	<p>Simposio Iscinesia aplicada a rehabilitación Coordinadora: Delia Daniela Fernández (México), Delia Daniela Fernández (México), Lezly Elizabeth Alcalá (México), Ana Belem Davila (México), Pavel Loeza Magaña (México)</p>	<p>Thematic Poster Sessions</p>		
17:00	17:30								
17:30	18:00								
18:00	18:30								
18:30	19:00						<p>Oral presentations SCI 17.30 5737715 Epidemiology and clinical characteristics of patients with spinal cord injury due to hanging in a developing country 17.40 5654415 Collector mucosa cells transplantation in spinal cord injury: What are the benefits and risks 15 years after transplant? 17.50 5727278 Interventional programs for community reintegration following spinal cord injury: A scoping review</p>		
18:00	18:30							<p>Welcome poster presentation</p>	
18:30	19:00								

Wednesday 7

Rooms		AUDITORIUM GETSEMANI	ROOM BARAHONA 1	ROOM SECRETARIA GENERAL	ROOM BARAHONA 2	ROOM BARAHONA 4	ROOM 302	
Start time	Ending time	Plenary room	ISPRM breakout	ISPRM breakout	ISPRM breakout	ISPRM Breakout	ISPRM Breakout	
7:00	8:00							
8:00	8:30	Short workshop INSCI Contribution to the implementation of the WHO resolution on rehabilitation Jerome Blickenbach (Switzerland), Gerald Stucki (Switzerland), James Middleton (Australia), Julia Patrick Engkason (Malaysia), Cristina L. Sadowsky (USA)	Short workshop Reconciling imaging and function: What to do when pictures don't match neurophysiology? Michael Munin (USA), Larry Robinson (Canada), Andrew Haig (USA)	Scientific session Outcome measurement and rehabilitation Diana Molineros (USA), Sean Smith (USA), Samman Shephar (USA), Lisa Ruppert (USA), Amy Ng (USA)	Scientific session Prehabilitation: A preventive strategy when rehabilitation starts at minus 0 Sara Laxe (Spain), Paz Sanz Ayán (Spain), Vanessa Davalos-Yerovi (Spain)	Scientific session Athletes return to competition after sports injury: What the physiatrist needs to know William Micheo (USA), Walter Frontera (Puerto Rico), Gerardo E Miranda (USA)	Short workshop Introduction to instrumental gait analysis Ismael Carneiro (Portugal), Gustavo Beça (Portugal), Margarida Rodrigues (Portugal), Rute Pereira (Portugal)	
8:30	9:00							
9:00	9:30			Scientific session Outcome measurement and rehabilitation decision making in rehabilitation: Measures, outcomes, and rehabilitation public health issues Oren Schwartz (Israel)		Oral Presentations Sports Medicine 9:00 - 5701156 Cortico-spinal excitability changes associated with knee extensors: Hypotrophy after ocl reconstruction 9:10 - 5797969 Determination of isometric strength of muscle groups in the cervical spine in healthy adults		
9:30	10:00	Morning break						
10:00	10:30	Keynote El encuentro de dos mundos (el viejo y el nuevo) y los saberes mestizos - Getsemani Auditorium William Ospina (Colombia)						
10:30	11:00	Keynote Ultrasound and Artificial Intelligence - Getsemani Auditorium Levent Özçakar (Turkey)						
11:00	11:30	Short workshop Post-traumatic headache: A pain in the brain? Nathan Zasler (USA)	Short workshop Electrodiagnosis of radiculopathy in PRM Mark Lissens (Belgium), Gerald Rudolf Ebenbichler (Austria), Juan Manuel Guzman (Mexico), Andrew Haig (USA)	Short workshop Community-based rehabilitation In Dominican Republic: A new perspective on a global health challenge Sara Pullen (USA), Lucia Rodriguez Vargas (USA), Tiernan Damas (USA)	Scientific session Modified Cardiac Rehabilitation Protocol for Stroke Survivors in Libya Hana AbuJarad (Malaysia), Mazatulfazura SF Salim (Malaysia)	Oral Presentations Cardiac Rehabilitation 11:00 - 5716758 Relation between volume of exercise training and muscle mass in elderly coronary artery patients 11:10 - 5752328 Impact of an educational intervention in cardiac rehabilitation patients on attitudes and knowledge regarding vaccinations during the COVID-19 pandemic 11:20 - 5887583 Cardiac telerehabilitation in adults with heart failure in a Colombian university hospital: characteristics and preliminary results 11:30 - 5641904 Muscle mass valuation in a cardiac-rehab program with bioimpedance and sonography 11:40 - 5702173 Effects of cardiac exercise therapy on heart rate variability of patients with coronary artery disease 11:50 - 5795749 Intermittent hypoxia improves myocardial mitochondria in rats with myocardial infarction by regulating fatty acid metabolism 12:00 5796602 - Changes in functional and cardiopulmonary outcomes in patients with COVID-19 infection after a cardiopulmonary rehabilitation program	Short workshop Neuromusculoskeletal ultrasonography in outpatient physiatry clinic: Practical approach to foot and ankle pathology with resident education Se Won Lee (USA), Soo Yeon Kim (USA), Mohammed Emam (USA), Sun Joe Won (South Korea)	
11:30	12:00	Short workshop Concussive brain injury: Current concepts, conundrums and caveats Nathan Zasler (USA)						
12:00	12:30							
12:30	14:00		Industry sponsored activities GRÜNTHAL. Actualidades en el tratamiento del dolor neuropático localizado: experiencia clínica y datos del mundo real. Carolina Rivera (Chile) Catalina Baena (Colombia)					
14:00	14:30	Keynote Evolving role of rehabilitation medicine in global health - Getsemani Auditorium Fary Khan (Australia)						
14:30	15:00	Keynote Physical and rehabilitation medicine challenges in Colombia and Latin America - Getsemani Auditorium Luz Helena Lugo Agudelo (Colombia)						
15:00	15:30	Long workshop Innovation in cardiac and pulmonary rehabilitation: From theory to practice Mónica Rincón Roncancio (Colombia), Carmen M. Terzic (USA), Marta Supervia Pala (Spain), Andrea del Pilar Rodriguez (Colombia), Pablo Celnik (USA), Matthew Bartels (USA)	ISPRM Assembly of Delegates (AOD) (±100 pax)	Short workshop Bioethics in rehabilitation Discussion round table Germán Rodríguez Tovar (Colombia), Edilson Ruiz Ospina (Colombia), Diana Patricia Martínez (Colombia), Carlos A. Toro (Spain), Rogelio Camacho Echeverri (Colombia), Ivonne Escobar (Colombia)	Long workshop Shock wave therapy in soft tissue disorders Ludger Gerdesmeyer (Germany), José Eid (Brazil)	Oral Presentations - Neurologic 15:00 - 5696657 Effect of serum beta2-microglobulin levels on functional prognosis in stroke patients: A preliminary study 15:10 - 5722083 Narrative based medicine in multiple sclerosis: How the patient perceives the rehabilitation process 15:20 - 5735631 Effectiveness of robotic hand on neuroplasticity and upper limb function in adults with chronic stroke 15:30 - 5737824 Walk ratio: Could it be an index of multiple sclerosis related gait? 15:40 - 5794698 Effect of action observation therapy on real time functional magnetic resonance imaging in stroke patients: A preliminary study 15:50 - 5797873 Rehabilitation program during an auto stem cells transplant	Short workshop Bringing the ICF "closer to home": Introducing basics of the ICF and the use of ISPRM's functioning-based clinical tool ClinFIT Masahiko Mukaino (Japan), Melissa Selb (Switzerland), Gerald Stucki (Switzerland)	
15:30	16:00							
16:00	16:30							
16:30	17:00							
17:00	17:30							
17:30	18:00		Oral Presentations Education 16:00 5702190 - Pediatric rehabilitation evaluation protocol for physiatry residents 16:10 - 5763769 Gained in translation: Developing educational materials and learning modules for displaced Ukrainians in Poland 16:20 - 5789595 Why do junior doctors choose physical and rehabilitation medicine as a specialty? A trends and thoughts analysis	Oral Presentations Risk of falls 16:30 - 5762885 Effect of non-invasive stimulation through nesa and therapeutic exercise on sleep disturbances in the population with dementia. Randomized multicenter clinical trial 16:40 - 5836923 Anatomical lever arms and their effect on gait kinematics in healthy adults 16:50 - 5736194 The association between timed get up and go (tug) test and real road crossing speed in hip fracture patients admitted to a post-acute rehabilitation setting 17:00 - 5697267 Relationship between chronic diseases and falling among older adults 17:10 - 5726194 Do hip fracture patients with a second fracture differ in their demographic clinical and functional characteristics to patients without a second fracture 17:20 - 5686035 Functional and clinical profiles of older inpatients adults in a high complexity health institute in Bogotá, Colombia: a multiple correspondence analysis				
17:00	17:30		Scientific session Narratives in Rehabilitation Patient narratives in rehabilitation. Part 1 Personal and professional experiences Dale Strasser (USA), Sarah Caston (USA), Monica Verduzco-Gutierrez (USA), Benjamin Abramoff (USA), Sam S.H. Wu (USA)					
17:30	18:00							
18:00	19:00							
20:00	01:00	Networking event / Serrezuela square						

Wednesday 7

Rooms		ROOM 303	ROOM 304	ROOM ARSENAL	ROOM BARAHONA 3	MEETING ROOM 301	MEETING ROOM 103	ROOM PEGASUS	
Start time	Ending time	ISPRM breakout	ISPRM breakout	ISPRM breakout	Encuentro Iberoamericano y XXXI Congreso Colombiano de Medicina Física y Rehabilitación	Encuentro Iberoamericano y XXXI Congreso Colombiano de Medicina Física y Rehabilitación	Encuentro Iberoamericano y XXXI Congreso Colombiano de Medicina Física y Rehabilitación	Posters room	
7:00	8:00					BIIB Diagnóstico diferencial del fisiatra en enfermedades neuromusculares Speaker: Maria Claudia Salcedo (Colombia)			
8:00	8:30	Short workshop Evaluation and treatment of foot and ankle pain Director: Amit Bhargava (USA) Mooyeon Oh-Park (USA), Steven Faux (Australia)	Short workshop Physiatry's need to address climate change: The green route aiding healthy adaptation and mitigation Marca Alexander (USA)	Scientific session Older persons as agents of change Bryan O'Young (USA), Akiiko Ito (USA)	Simposio Monitoreo neurofisiológico Intraoperatorio. 8.00 - Epidemiología del monitoreo intraoperatorio Molés Gómez (Colombia) 8.20 - Mapeo cortical Andrea Yalima Girado (Colombia) 8.40 - MIO en lesiones de base de cráneo Paula Andrea Arenas (Colombia) 9.00 - MIO en cirugía de columna mínimamente invasiva Aura Lucia Guzmán (Colombia)	Simposio Enfermedades Neuromusculares PARTE I Coordinador: Edicson Ruiz Ospina (Colombia) Grupos interdisciplinarios en Enfermedades Neuromusculares ¿paradigma o utopía? Edicson Ruiz Ospina (Colombia) Escalas de calidad de vida de pacientes con enfermedades neuromusculares: Una necesidad creciente Joaquín Fagoga (España) Rehabilitación en enfermedades neuromusculares Sandra Castellor (Colombia) Nuevas moléculas farmacológicas en enfermedades neuromusculares Javier Benavides	Simposio Revisión sistemática de Revisiones de alcance (Scoping Review) Vanessa Seijas (Colombia) Metanálisis en red Iván Darío Flórez (Colombia) Síntesis rápidas de la evidencia: Aproximaciones metodológicas Daniel Felipe Patiño (Colombia)	Thematic Poster Sessions	
8:30	9:00								
9:00	9:30			Oral Presentations 9.00 - 588379 Comparison of electrodiagnostic findings in acute traumatic versus chronic non-traumatic ulnar neuropathy at the elbow 9.10 - 569303 A systematic review and meta-analysis: Therapeutic effects of injection therapy on ulnar neuropathy at the elbow 9.20 - 576053 Charcot-Marie-Tooth type 2p associated with a mutation in the Isat1 gene. Case report in Colombia					
9:30	10:00	Morning break							
10:00	10:30	Keynote El encuentro de dos mundos (el viejo y el nuevo) y los saberes mestizos - Getsemani Auditorium William Ospina (Colombia)							
10:30	11:00	Keynote Ultrasound and Artificial Intelligence - Getsemani Auditorium Levent Özçakar (Turkey)							
11:00	11:30	Scientific session Shoulder adhesive capsulitis: pearls and pitfalls Priya Patel (Canada), Gerardo Miranda-Comas (USA), Nadia Zaman (USA)	Short workshop Climate change and rehabilitation: Emerging challenges and preventative measures PRM physicians can take Sean Smith (USA), Diana Malineras (USA), Samman Shahpar (USA), Lisa Ruppert (USA), Amy Ng (USA)	Oral Presentations MSK pain 11.00 - 573612 Efficacy of repetitive peripheral magnetic stimulation for pain alleviation in patients with chronic low back pain 11.10 - 573622 Efficacy of rehabilitative approaches in terms of pain reduction in patients with temporomandibular disorders: A systematic review with meta-analysis 11.20 - 566544 The functional status and its prediction one year after hip or knee replacement 11.30 - 588288 Development of a tool for objectively measuring somatic pain in the low back region based on a longitudinal diagnostic study conducted in Karachi, Pakistan 11.50 - 569709 Development of an app for Android devices for non-pharmacological management of fibromyalgia: FybraAPP 12.00 - 586414 Efficacy of non-invasive transcranial magnetic stimulation in fibromyalgia: A preliminary randomized, triple-blind clinical trial 12.10 - 578672 Efficacy of repetitive peripheral magnetic stimulation for pain alleviation in patients with chronic low back pain 12.20 579162 An interdisciplinary virtual program addressing the finer points of chronic pain management	Simposio Monitoreo neurofisiológico intraoperatorio Coordinador: Enrique Avelino Estevez (Colombia) 11.00 - MIO en tumores medulares y disrafismo Óscar Herrera (Colombia) 11.20 - MIO en rizotomías para manejo de espasticidad Juan Camilo Méndez (Colombia) 11.40 - MIO en lesiones de nervio periférico Jorge Eduardo Gutiérrez (Colombia)	Simposio Enfermedades Neuromusculares parte II Coordinador: Edicson Ruiz Ospina (Colombia) Enfermedad de Pompe: aproximación diagnóstica desde la fisiatría. Neil Lusa (Colombia) Evaluando la distrofia muscular de Duchenne en la consulta de fisiatría. Isabel Landolfi (Colombia) Neuropatía motora multifocal, el gran simulador Nicolás Muñoz (Colombia) Diagnóstico neurofisiológico en Esclerosis Lateral Amiotrófica. Tips & tricks Luis Carlos Rodríguez (Colombia)	Simposio SIMPOSIO ALME-SLAP Valoración y tratamiento de situaciones clínicas complejas en la persona con LME Coordinadora: Lina Rodríguez (Colombia) Eduardo de Melo Carvalho (Brasil), Sabrina Curbelo (Uruguay), Verónica Silvana Matassa (Argentina), Javier Mazenett Garrido (Colombia)	Thematic Poster Sessions	
11:30	12:00								
12:00	12:30	Scientific session Scapular dyskinesis: The underappreciated culprit of shoulder pain. Assessment and ultrasound guided treatment strategies Nimish Mittal (Canada)				Industry sponsored activities BIIB Tratamiento y rehabilitación de la Atrofia Muscular Espinal: experiencia en vida real en Colombia Speaker: Maria Claudia Salcedo (Colombia)			
12:30	14:00								
14:00	14:30	Keynote Evolving role of rehabilitation medicine in global health - Getsemani Auditorium Fary Khan (Australia)							
14:30	15:00	Keynote Physical and rehabilitation medicine challenges in Colombia and Latin America - Getsemani Auditorium Luz Helena Lugo Agudelo (Colombia)							
15:00	15:30	Short workshop Youth Forum ISPRM 2023 The perspective of medical students at the University of Sao Paulo about physical and rehabilitation medicine Coordinator: Andrey Wallington Moscardini (Brazil) Thais Oewel (Brazil), Fernanda Lopes Mesquita (Brazil), Stephanie Rand (USA), Sharon Bushi (USA), Erika Travata (USA), Nohyun Kim (USA), Kristen de Vries (USA)	Scientific session The ISPRM-WHO Committee Our efforts to strengthen health systems for the provision of rehabilitation. Vanessa Seijas (Colombia), Carlotte Kiekens (Italy), Luz Helena Lugo (Colombia), Walter Frontera (Puerto Rico), Abena Tannor (Ghana), Mauro Zampolini (Italy), Sinforion Kambou (Cameroon), Reynaldo Rey-Martín (Philippines)	Sponsored activities AbbVie AMI Workshop at ISPRM: Identification of upper limb muscles associated with post-stroke spasticity: An interactive exploration with ultrasound Gerard E. Francisco and expert faculty	Simposio Desorden de conciencia: Experiencia de 20 años en el abordaje transdisciplinario en población adulta y pediátrica en Fleni, Argentina Diana Muzio (Argentina)	Mesa redonda España y Portugal Estudio de la relación médico paciente en el daño cerebral Coordinador: Carolina de Miguel Benavides (España) Moderadores: Lourdes López de Munain (España), Coloma Aguilar Branca (Portugal) Daño cerebral crónico: Concordancia entre pacientes y profesionales en sus deseos y necesidades Helena Basualdo-Améila (España) Espasticidad: Concordancia entre pacientes y profesionales en sus deseos y necesidades Carolina de Miguel Benavides (España)	Mesa redonda Legislación en discapacidad en América Latina Coordinador: Andrés Guardias (Colombia) Juan Manuel Guzmán (México), Ignacio Devesa (México), Verónica Silvana Matassa (Argentina), Carolina Rivera (Chile), Graciela Boralli (Uruguay), Nestor Alzate (Colombia), Eduardo de Melo Carvalho (Brasil), Verónica Rodríguez (Puerto Rico)	Thematic Poster Sessions	
15:30	16:00								
16:00	16:30			Oral Presentations MSK Pain 16.00 - 570704 Touted gel (TGD) accelerates pain reduction on passive movement after acute lateral ankle sprains: Post-hoc cumulative responder distribution analysis TRAUMED trial 16.10 - 573644 Efficacy of radial extracorporeal shock wave therapy in the local treatment of muscle hypertonia in patients with cerebral palsy 16.20 - 587647 Topical capsaicin and neuropathic pain management	Oral Presentations Stroke 16.00 - 588722 Sensory and motor rehabilitation training facilitated by myoelectric pattern recognition: proof of concept case study in minor with chronic stroke 16.10 - 587696 - Differences in functioning and health-related quality of life in patients with severe vs. Moderate TBI one year later in a middle-income country				
16:30	17:00	Oral presentation of top 10 selected abstracts from residents and fellows.	Scientific session Rehabilitation in times of pandemics: A bridge to the future Simone Oshiro (Brazil), Marta Imamura (Brazil)		Asamblea ordinaria ACMFR Asociación Colombiana de Medicina Física y Rehabilitación. 17:00 - 19:00	Mesa redonda Humanismo de doble vía: Trato digno al paciente y al fisiatra. Coordinador: Germán Rodríguez Tovar (Colombia) Ivonne Escobar Urrego (Colombia), Diana Patricia Martínez (Colombia), Carlos Juan Antonio Toro (Colombia), Juan Bernardo Hoyos (Colombia)	Oral presentations Rehabilitation Services 16.30 - 5796138 Analysis of engagements in an acute inpatient rehabilitation center 16.40 - 5888192 Analysis of Peruvian physical medicine and rehabilitation departments: Services clinical rotations based on residents' perception 17.00 - 5797738 A population-based study of health care utilization among Canadians with restrictions in daily activity and participation: Prevalence and associated characteristics 17.20 - 5725559 Current status of neurorehabilitation services in the six countries: Results of an international online survey 17.30 - 570795 - Cost analysis of models of care of the most frequent motor locomotor pathologies at the first level of care in Mexico City 17.40 - 5700388 "Choosing wisely" in physiatry: renewal of canadian recommendations to address resource stewardship concerns in physical medicine and rehabilitation 17.50 5738648 Co-creating system wide improvement for people with traumatic brain injury across one integrated care system in the UK to indicate a transformation journey through co-production		
17:00	17:30								
17:30	18:00	Award of best resident and fellow award. Alessandro de Sire (Italy) Maria Paz Grisales (Colombia)							
18:00	19:00								
20:00	01:00	Networking event / Serrezuela square							Welcome poster presentation

Congress

Thursday 8



Rooms		AUDITORIUM GETSEMANI	ROOM ARSENAL	ROOM BARAHONA 1	ROOM BARAHONA 2	ROOM BARAHONA 4	MEETING ROOM 302
Start time	Ending time	Plenary room	ISPRM breakout	ISPRM breakout	ISPRM breakout	ISPRM breakout	ISPRM breakout
7:00	8:00						
8:00	8:30	<p>Short workshop The translation of neuromodulation to clinical practice. Marcel Simis (Brazil), Linamara Rizzo Battistella (Brazil), Felipe Fregni (USA), Marta Imamura (Brazil)</p>	<p>Short workshop Managing new onset hemiplegic shoulder pain in the stiff shoulder: The Victoria Verona (ViVe Algorithm) Paul Jacob Winston (Canada), Eve Boissonnault (Canada)</p>	<p>Short workshop Supporting lifelong health and wellness among individuals with disabilities: Perspectives from the ISPRM task force on physical activity for persons with disabilities Nora Newcombe (USA), Uma Pandiyan (Qatar), Abderrazak Hajjioui (Morocco), Yelva Tuukli Wosomru (USA), Peterson Mark (USA)</p>	<p>Scientific session INSCI contributing to the implementation of the WHO resolution on rehabilitation Jerome Bickenbach (Switzerland), James Middleton (Australia), Caria Sabariego (Switzerland), Julia Patrick Engkasari (Malaysia)</p>	<p>Short workshop Post stroke rehabilitation Stroke rehabilitation = modular organizations in post-stroke rehabilitation Francois Constant Boyer (France), Sandy Carazo Mendez (France), Redha Taïar (France)</p>	<p>Scientific session Rehabilitation management of hydrocephalus after brain injury Nathan Darji (USA), Cindy Ivanhoe (USA)</p>
8:30	9:00						
9:00	9:30		<p>Scientific session Hemiplegic shoulder pain treatment Eduardo de Melo Carvalho (Brazil)</p>			<p>Oral Presentation Technology for rehabilitation 9:00 - 5793692 Power training of lower limbs in people with multiple sclerosis 9:00 - 5886227 Augmentative and alternative communication systems (AACs) in patients with neurological deficit: Case series and narrative review 9:30 5696777 An orthosis combined with graded sensory-motor rehabilitation improves walking in functional neurologic disorder: A case report</p>	<p>Oral Presentation Injuries rehabilitation 9:00 - 5696758 Traumatic finger flexor tendon injuries in zone 1 and the functional impact of rehabilitation: A narrative literature review 9:30 - 5887836 Efficacy of foot-invasive neuro-modulation for post-surgical treatment of anterior cruciate ligament: Randomized controlled clinical trial 9:20 - 5797987 Monitoring bracing and associated biopsychosocial factors in adolescents with idiopathic scoliosis: A feasibility study</p>
9:30	10:00	Morning break					
10:00	10:30	<p>Scientific session Challenges in the management of unsuccessful women's rehabilitation treatments Areearat Suputtitadda (Thailand), Carl Chen (Taiwan), Paolo Capodaglio (Italy)</p>	<p>Scientific session Narratives in rehabilitation Patient narratives in rehabilitation. Part 2 Research and implications Dale Strasser (USA), Thorsten Meyer (Germany), Alicia Navarro de Souza (Brazil), Linamara Rizzo Battistella (Brazil)</p>	<p>Oral presentations Systematic and narrative reviews 10:00 - 5736498 Chronic neck pain before and after COVID-19 pandemic: Is there a difference? Results from a national survey in Peru 10:10 - 5886714 Effects of supervised exercises on pain and disability in patients with hip or knee osteoarthritis: A systematic review and meta-analysis 10:20 - 5897704 Chest pain in long covid syndrome: A scoping review 10:30 - 5726472 Oxandrolone for burn patients: overview of systematic reviews 10:40 - 5896782 Lung function, physical performance and functional capacity after 1 and 12 months of hospital discharge due to covid-19 10:50 - 5682252 Impact of pre-habilitation on functional outcome after spinal decompression in patients with myelopathy due to cervical stenosis</p>	<p>Scientific session Usefulness of hand grip strength measure in clinical decision-making Juan Carlos Vives (Spain), Joaquim Luis Choler (Spain), Manel Nogales-Muñoz (Spain)</p>	<p>Scientific Session Multimodal functional neuroimaging in the assessment and planning of neurorehabilitation Philippe Marque (France), Isabelle LaFont (France), Bertrand Gilze (France), Étienne Allard (France), Friedhelm Hummel (Germany)</p>	<p>Oral Presentations Neurologic 11:00 - 5728232 Combining nicotinic acetylcholine receptor agonistic modulator and environmental enrichment improves sustained attention, cholinergic neurotransmission, and systemic inflammation after controlled cortical impact injury 11:10 - 5797624 An interdisciplinary virtual program addressing the finer points of chronic pain management 11:20 - 5689887 Demographic and clinical properties of cancer patients hospitalized for rehabilitation during the covid-19 period in a tertiary rehabilitation hospital 11:30 - 5797283 The neuropathic component of musculoskeletal pain in patients with covid-19 11:40 - 5797195 The comparative effectiveness of game ready and manual lymphatic drainage treatment in stroke patients with complex regional pain syndrome-1: a preliminary study 11:50 - 5735486 H reflex in median and tibial nerve: reference values in healthy colombian population and relevant technical factors. 12:00 Interventional programmes for community reintegration following spinal cord injury: a scoping review</p>
10:30	11:00						
11:00	11:30	<p>Oral Presentations Technology for rehabilitation 11:00 - 5717220 Hand grip strength test and short physical performance battery versus FIM™: Which correlation in the fracture risk? A machine learning study 11:10 - 5881082 Feasibility and safety of powered exoskeleton for gait training for people living with multiple sclerosis: A single-group preliminary study (RAPPER II) 11:20 - 5790479 Research on balance and lower limb function of patients with subacute rehabilitation after stroke by new rehabilitation robot: A preliminary randomized controlled trial</p>					
11:30	12:00	<p>Sydney Licht Lecture "Towards advancing rehabilitation outcomes for people with spinal cord injury through clinical research, practice and leadership" James Middleton (USA)</p>					
12:00	12:30						
12:30	13:00	Closing ceremony/Awards/Presentation of the 2024 Congress					

Congress



Thursday 8

Rooms		MEETING ROOM 303	MEETING ROOM 304	ROOM SECRETARIA GENERAL	ROOM BARAHONA 3	MEETING ROOM 301	MEETING ROOM 103	ROOM PEGASOS	
Start time	Ending time	ISPRM breakout	ISPRM breakout	ISPRM breakout	Encuentro Iberoamericano y XXXI Congreso Colombiano de Medicina Física y Rehabilitación	Encuentro Iberoamericano y XXXI Congreso Colombiano de Medicina Física y Rehabilitación	Encuentro Iberoamericano y XXXI Congreso Colombiano de Medicina Física y Rehabilitación	Posters room	
7:00	8:00				Symposium PTC Ecografía de Nervio en pacientes con hATTR, ¿qué hay de nuevo? Speaker: Jorge Diaz (Colombia)				
8:00	8:30	Short workshop Management of knee pain including injection procedures Director: Amit Bhargava (USA) Brinda Kantha (USA), Mario Giraldo-Prieto (Colombia)	ISPRM Workshops ISPRM Disaster Rehabilitation (DR) Chiefs: Francis Adam Robinson (Pakistan) The specialty of hope: How physiatry can build rehabilitation capacity in the time of war in Ukraine David Cassel (USA) Learning lessons from COVID-19 pandemic Saim Usdin (Bangladesh) Providing rehab services to Japanese astronauts- A unique experience sharing Satoshi Hayama (Japan) Traumatic brain injuries- Diagnostic dilemmas and updates on the role of biomarker Markus Paul (Australia) Community-based rehabilitation success in Colombia David Chandra (USA) Climate Change: The impending global disaster Marilee Alexander (USA)	Scientific session Multicomponent strategies in functional assessment and prognosis in adult intensive care Rogelio Camacho Echeverri (Colombia)	Simposio Parte I Temas selectos en Electrodiagnóstico Coordinador: Enrique Avelino Estevez (Colombia) Conferencista: Sanjeev D. Nandedkar (USA)	Simposio Osteoporosis: Coordinadores: Carolina de Miguel Benadiba Papel del médico rehabilitador en la osteoporosis Pilar Sánchez Tarifa (España) Tratamiento Farmacológico secuencial Elena Martínez (España) Vías clínicas y líneas de derivación desde otras especialidades Carolina de Miguel Benadiba (España) Ejercicio y osteoporosis María Elena Martínez (España)	Simposio Taller Ecografía fundamental para el fisiatra Coordinador: Jorge Diaz (Colombia) Jorge Diaz (Colombia) Thomas Torres (Colombia), Liliana Rodríguez (Colombia), Nicolás Muñoz (Colombia), Jorge Alberto Arias (Colombia)	Thematic Poster Sessions	
8:30	9:00								
9:00	9:30								
9:30	10:00	Morning break							
10:00	10:30	Scientific session Ultrasound guided phenol motor point block of upper and lower limb muscles for spasticity management Muhammad Towab Khali (Pakistan), Farooq Azam Rathore (Pakistan)	Scientific session Cervical whiplash as a symptom generator after concussion: What every clinician should know Nathan Zasler (USA)	Cochrane Meeting.	Simposio Parte II Temas selectos en Electrodiagnóstico Coordinador: Enrique Avelino Estevez (Colombia) Conferencista: Sanjeev D. Nandedkar (USA)	Simposio Rehabilitación Sarcopenia Coordinadora: Claudia María Navas Rios Eduardo de Melo Carvalho (Brasil)	ASAMBLEA SOCIAL. Sociedad Científica Latinoamericana de Rehabilitación.	Thematic Poster Sessions	
10:30	11:00					ORAL PRESENTATIONS			
11:00	11:30	Oral Presentations SCI Experimental 11:00 - 5758231 Magnetite stimulation of nigrostriatal reticular nucleus combined treadmill training improving locomotion recovery in mice after spinal cord contusion	Oral Presentations TBI Experimental 11:00 - 5692036 Brain-targeted mechanical intervention with passive head motion is anisotropic in rats and humans 11:10 - 5734541 Music medicine enhances motor, affect, and cognitive performance after experimental traumatic brain injury 11:20 - 5735902 Neurofilament light chain as a biomarker of traumatic axonal injury						
11:30	12:00	Sydney Licht Lecture “Towards advancing rehabilitation outcomes for people with spinal cord injury through clinical research, practice and leadership” James Middleton (USA)							
12:00	12:30								
12:30	13:00	Closing ceremony/Awards/Presentation of the 2024 Congress							