



14TH WORLD STROKE CONGRESS

OCTOBER 26-29, 2022 SINGAPORE

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Acute stroke treatment	Clinical manifestations	SSO Session
Prevention	Plenary	
Recovery	Industry	

WEDNESDAY, OCTOBER 26, 2022							
HALL A / Plenary	Hall B	Hall C	Hall D	Hall E	Hall F	Hall G	
Anesthetic and Critical Care in Stroke – Anesthetic Management in Endovascular Treatment of Acute Ischemic Stroke <i>Grijp Rath (India)</i> – Blood Pressure Management in Acute Stroke – Timing and Perioperative Management to Patients at High Risk of Stroke – Raised ICP Management in Acute Stroke- Recent Advances	Advance in Intracranial Artery Stenosis (ICAS) and Clinical Practice – Stroke Syndromes and Mechanisms Related to ICAS – Advances in Imaging for ICAS <i>David Liebeskind (USA)</i> – Hyperacute Treatment for Stroke Related to ICAS <i>Xinyi Leng (Hong Kong)</i> – Secondary Prevention for Stroke Secondary to ICAS <i>Liping Liu (China)</i>	Joint Session with International Stroke Recovery and Rehabilitation Alliance (ISRRRA) Global Implementation of Stroke Rehabilitation – Mission and Goals of ISRRRA <i>Julie Bernhardt (Australia)</i> – Global Barriers to Implementation of Rehabilitation <i>Sean Sawitz (USA)</i> – Implementation Pathways of Rehabilitation in Low Middle-Income Countries <i>Aznida Firah Abdul Aziz (Kuala Lumpur)</i> – Telerehabilitation: Ready for Prime Time?	FREE COMMUNICATIONS Triage and Thrombolysis	Teaching Course 01: Challenging Stroke Cases (Part 1) – Vascular Eagle Syndrome and TIA <i>Patrick Michel (Switzerland)</i> – Fabry Disease and Stroke <i>Sylvain Lanthier (Canada)</i> – Bone Disease and Stroke – Moye Moye Disease <i>Teruyuki Hirano (Japan)</i>	FREE COMMUNICATIONS Cardiac Issues	SHORT COMMUNICATIONS Etiology and Clinical Presentations	
COFFEE BREAK, E-POSTERS, EXHIBITION							
Retrieving the Clot – Achieving the Task – Aspiration Versus Stent Retriever Thrombectomy – When To Use Which? – How CLOT Imaging Could Help Thrombectomy? <i>Mayank Goyal (Canada)</i> – Thrombectomy-Resistant Large Vessel Obstruction Stroke- Tricks and Tips – Adjuvante Intra-Arterial Thrombolysis Optimizing Reperfusion <i>Angel Chamorro (Spain)</i>	New Avenues for Secondary Stroke Prevention – Factor XIa Inhibition: What is the Rational in Context of Secondary Stroke Prevention <i>Groenewegen (Australia)</i> – Lp(a) a New Potentially Treatable Target in Secondary Stroke Prevention – Intensive Lipid Control and Tighter Target Levels for Secondary Stroke Prevention <i>Meng Lee (Taiwan)</i> – Anti-inflammatory Targets for Secondary Stroke Prevention <i>Mira Katan (Switzerland)</i>	Brain Stimulation for Post-Stroke Recovery – Vagal Nerve Stimulation (VNS) <i>Jesse Dawson (UK)</i> – Transcranial Direct Current Stimulation (tDCS) and Repetitive Transcranial Magnetic Stimulation (rTMS) <i>Yun-Hee Kim (Republic of Korea)</i> – Low Field Electromagnetic Stimulation (LFEMS) <i>Natan Bornstein (Israel)</i> – Deep Brain Stimulation of the Cerebellum <i>Kenneth B Baker (USA)</i>	FREE COMMUNICATIONS Prognosis I	Teaching Course 01: Challenging Stroke Cases (Part 2) – Cancer-Associated Stroke <i>Christine Kremer (Sweden)</i> – Stroke in Sickle Cell Disease – Cerebral Amyloid Angiopathies Related to Inflammation <i>Ana Catarina Fonseca (Portugal)</i>	FREE COMMUNICATIONS Imaging, Work-Up and AI	SHORT COMMUNICATIONS Etiology and Clinical Presentations	
BREAK							
SPONSORED SYMPOSIUM 01		SPONSORED SYMPOSIUM 02		SPONSORED SYMPOSIUM 03		SPONSORED SYMPOSIUM 04	
BREAK							
Teaching Course 03: Imaging Concepts in Stroke – Imaging for Haemorrhagic Stroke – From Basic to Advanced – Quick Imaging Assessment for Reperfusion Decision Making <i>Mayank Goyal (Canada)</i> – Imaging of Cerebral Vasculature Including Vessel Wall Imaging <i>Ling Ling Chen (Singapore)</i> – Perfusion and Collaterals	Updates on Stroke Primary and Secondary Prevention – Antiplatelets including Role of Dual Antiplatelet Therapy <i>Liping Liu (China)</i> – Anticoagulation and Device Therapy for Structural Heart Disease <i>Luciano Sposato (Canada)</i> – Carotid Disease: Medical Management and Carotid Intervention <i>Valeria Caso (Italy)</i> – Blood Pressure Control: Is Intensive Lowering Necessary?	Enhancing Motor Recovery: Where Are We Now and Where Are We Headed? – Prediction of Motor Recovery – Are Models Ready for Use in Clinical Practice? – Recovery and Repair After Stroke – Dosage, Content and Timing of Rehabilitation After Stroke <i>Julie Bernhardt (Australia)</i> – Motor Learning Related Therapy Approaches – Aerobic exercise and fitness training after stroke	FREE COMMUNICATIONS Hyperacute Reperfusion	Teaching Course 02: Pediatric Ischemic Stroke – Stroke Etiologies & Treatments <i>Milena Jankovic (Serbia)</i> – Pediatric Stroke Thrombectomy: Workflow Variations Around the World <i>Meha Martinez (USA)</i> – Imaging of Pediatric Ischemic Stroke – The Australian Paediatric Acute Code Stroke (PACS) Study – Mark Mackay (SSO Talk: Possible Lived Experience Sharing) <i>Mark Mackay (Australia)</i>	FUTURE LEADERS SESSION 01 – Establishing Organized Stroke Care in LMI Countries: From Training of Non-specialist to Implementation – Unraveling the Cost of Acute Stroke Care in Latin America: A Comprehensive Analysis – Improving Life After Stroke for Young People: Analysis of Unmet Needs and Development of Resources Across Countries – Feasibility and Challenges of Acute Stroke Care Implementation in Two African Countries: A Pilot Study	SHORT COMMUNICATIONS Population Health & Stroke Pathways	
COFFEE BREAK, E-POSTERS, EXHIBITION							
Latest Approaches to ICH Management – Comparison of 2022 ICH Guideline: ESO and AHA/ASA <i>Thorsten Steiner (Germany)</i> – Latest Data on Blood Pressure Management in ICH <i>Craig Anderson (Australia)</i> – Advances in Neurosurgical ICH Approaches – Recent Issues of Oral Anticoagulant Associated ICH <i>Hanne Christensen (Denmark)</i> – Anticoagulation After ICH: Considerations for Patients With AF, Cerebral Microbleeds and Others	Cerebral Small Vessel Disease – Insights into Mechanisms and Treatment – Identification and Management of Genetic SVD – Imaging Patterns of Cerebral Small Vessel Disease – Epidemiology and Mechanism of Cerebral Small Vessel Disease <i>Saima Hiral (Singapore)</i> – Emerging and Promising Therapies of SVD	SSO Session 1 Using Co-Design in the Development of Stroke Services: Does It Make a Difference? – Meaningful Involvement of Stroke Survivors in Community Events – Stroke Games Malaysia – What do stroke survivors and families want for their recovery and how does this inform interventions? – The Role of People With Lived Experience in Guideline Development – Canadian Stroke Best Practice Recommendations <i>Patricia Lindsay (Canada)</i> – Putting Co-Design Theory into Practice- Young Stroke Project <i>Sharon McGowan (Australia)</i>	Case Based Discussion * Moderate discussions with interactive platform of interesting stroke dilemmas	Joint Session with World Health Organization (WHO) Salient considerations for implementation of interventions for reducing the global burden of stroke – Policy and Pragmatic Solutions to Improve Global Surveillance of Stroke and its Risk Factors <i>Seana Gull (Australia)</i> – Policy and Pragmatic Solutions to Improve Primary and Secondary Prevention of Stroke <i>Valery Feigin (New Zealand)</i> – Policy and Pragmatic Solutions to Improve Hyperacute and Acute Stroke Care <i>Sheila Martins (Brazil)</i> – Policy and Pragmatic Solutions to Improve Rehabilitation and Re-integration of Stroke Survivors <i>Jeyaraj Pandian (India)</i>	FUTURE LEADERS SESSION 02 – The Disparities in Pricing, Treatment Availability, and Coverage of rTPA Across the World: Stating the Problem – Health Economics on the Focus – How Can It Help Incorporate New Treatment Strategies and Better Allocation of Resources? – How to Involve Industry, Governments, Decision-Makers, Local and International Societies to Improve Treatment Access, and Create Better National Policies for Implementing Evidence-Based Strategies in These Countries – How the Future Stroke Leaders Can Contribute – Projects Around the World	SHORT COMMUNICATIONS Risk Factors, Biomarkers and Prevention	
BREAK							
Opening							
Plenary, Awards and Late Breaking							
Welcome Reception							

THURSDAY, OCTOBER 27, 2022

	HALL A / Plenary	Hall B	Hall C	Hall D	Hall E	Hall F	Hall G
08:00 - 9:30	Challenges and Future Directions for Pre-Hospital Stroke Care - Current Status and Barriers to Pre-Hospital Stroke Care in Metropolitan Regions <i>Stephen Davis (Australia)</i> - Developments in Lightweight Imaging and Digital Technology for Rural and Remote Locations <i>Geoffrey Dawson (Australia)</i> - What is New in the Prehospital Stroke Care? <i>Renyu Liu (USA)</i> - Problems and Solutions Delivering Prehospital Stroke Care in India <i>Siju Abraham (India)</i> - How To Improve Stroke Prehospital Care in Africa? <i>Rita Melifonwu (Nigeria)</i>	Sugars and Stroke - Diabetes as a Risk Factor of Stroke – Epidemiology and Global Burden <i>Valery Feigin (New Zealand)</i> - Diabetes Control as Part of Primary and Secondary Stroke Prevention <i>Njansi Suwanwala (Thailand)</i> - Role of GLP1 Agonists in Stroke Risk Reduction - Glycemic Control in the Hyperacute Stroke Period – SHINE Trial	Disparities in Stroke Epidemiology and Care - Stroke in Women: What We All Should Know in 2022 <i>Christine Kramer (Sweden)</i> - Racial and Ethnic Disparities in Stroke: Novel Insights <i>Mayawa Owolabi (Nigeria)</i> - Digital Health Innovations To Reduce Inequalities in Stroke <i>Vinicus Viana Abreu Montanaro (Brazil)</i> - Impact of Country and Region Economic Status <i>Bo Norving (Sweden)</i>	FREE COMMUNICATIONS Basic Science and Genetics	Teaching Course 04: Post Stroke Complications (Part 1) - Seizures and Epilepsy <i>Udaya Ranawaka (Sri Lanka)</i> - Post Stroke Pain and Spasticity- When To Suspect and Treatment Modalities <i>Abhijit Das (UK)</i> - Neuropsychiatric Complications of Stroke <i>Natan Bornstein (Israel)</i>	FREE COMMUNICATIONS Uncommon Causes and Covid	SHORT COMMUNICATIONS Population Health & Stroke Pathways
9:30 - 10:00	COFFEE BREAK, E-POSTERS, EXHIBITION						
10:00 - 11:30	Hyperacute Reperfusion in the Late Window - What Do We Know From RCTs for EVT in the LATE Time Window? <i>Götz Thomalla (Germany)</i> - What Do We Know From RCTs for IVT in the LATE Time Window? - Imaging for the Selection of Acute Treatment in the LATE Time Window - Treatment of Basilar Artery Thrombosis in the Late Window	Debate 1 a) A Single Cover Brain Infarction – An Incidental Finding or Opportunity for Prevention? <i>Incidental - Urs Fisher (Switzerland)</i> Opportunity - Liping Liu (China) b) Should Double Antiplatelet Be Given Routine for a Short Period for All Non-AF Ischemic Stroke Patients (DAPT)? <i>NO side - PN Salyan (India)</i>	Care of Stroke Across the Various Age Groups - Perinatal Stroke- an Update - Childhood Risk Factors Drive Stroke and CVD Risk in Adulthood - Stroke Aetiologies in Young Adults <i>Frank Erik De Leeuw (Netherlands)</i> - How Stroke Treatment Should or Should Not Differ in the Very Elderly <i>Richard Lindley (Australia)</i>	FREE COMMUNICATIONS Intracerebral Hemorrhage	Teaching Course 04: Post Stroke Complications (Part 2) - Issues With Sexuality and Intimacy <i>Bo Norving (Sweden)</i> - Fatigue <i>Ana Catarina Fonseca (Portugal)</i> - Movement Disorders <i>Eng King Tan (Singapore)</i> - Long Term Emotional Well-Being (SSO)	FREE COMMUNICATIONS Risk Factors and Large Artery Disease	SHORT COMMUNICATIONS Trials and Meta-Analyses
11:30 - 12:00	BREAK						
12:00 - 13:00	SPONSORED SYMPOSIUM 05		SPONSORED SYMPOSIUM 06		SPONSORED SYMPOSIUM 07		SPONSORED SYMPOSIUM 08
13:00 - 13:30	BREAK						
13:30 - 15:30	Presidents symposium. WSO PRESIDENTS & BARRO & J. AWARDS WSO-ANGELS CEREMONY						
15:30 - 15:45	BREAK						
15:45 - 17:15	Stroke in the COVID-19 Pandemic - Pathophysiology and Outcomes of Stroke Associated With COVID-19 Infection - Impact of COVID-19 on Stroke Care- Early Experience From the Breakout in Wuhan - Hyperacute Recanalization Stroke Treatments in COVID-19 Patients <i>Patrick Michel (Switzerland)</i> - Stroke Rehabilitation in a Pandemic – Limitations and Opportunities <i>Jesse Dawson (UK)</i>	Debate 2 A) Which is the Better Strategy for Primary and Secondary Stroke Prevention- Tailored to the Individual or Use of Poly pill Concept? <i>YES side - Michael Brainin (Austria)</i> B) Is Medical Treatment Enough for Patients With Asymptomatic Severe Cervical Carotid Stenosis?	Improving Access to Quality Stroke Care: Introducing the WSO Implementation Task Force - Introducing the WSO Implementation Program - Implementing Stroke Prevention in Primary Care in the World - the HEARTS Initiative - How to implement and qualify Advanced Stroke Services and the WSO Support - New tools to implement Rehabilitation Programs in low Resource Settings - How to integrate stroke care in a National Value Based Health Care Program?	Spotlight Session Current Status and Plans To Improve Stroke Care in Southeast Asia- Developing a Legacy Following WSC 2022 - Stroke Epidemiology & Working Towards a Common Data Repository <i>Jose Navarro (Philippines)</i> - Acute Stroke Services and Opportunities To Improve Care <i>Lida Amalia (Indonesia)</i> - Stroke Nursing Across the Region and Potential Collaborations <i>Waspeni Phyoapasakul (Thailand)</i> - Stroke Recovery and Advocacy- Gaps and Opportunities <i>Aznida Firzah Abdul Aziz (Kuala Lumpur)</i> - Developing a Roadmap for Stroke Care Across the Region <i>Deidre De Silva (Singapore)</i>	Teaching Course 05: Rare Genetic Causes of Stroke When To Search for Them - Genetic Risk Factors for Ischemic and Hemorrhagic Stroke - Genetics of Aneurysms and SAH <i>Yate Rutgrak (Netherlands)</i> - Monogenic Cerebral Small-Vessel Diseases <i>Hugh Markus (UK)</i> - Mitochondrial Disease and Stroke	FREE COMMUNICATIONS Mechanical Thrombectomy I	SHORT COMMUNICATIONS Hyper-Acute Stroke Therapies
17:15 - 17:45	COFFEE BREAK, E-POSTERS, EXHIBITION						
17:45 - 19:15	WORKSHOP Neurojeopardy	Joint Session With World Hypertension League (WHL) The Global Use of Stroke as an Indicator of Population Hypertension Control - Stroke and Hypertension Outcomes in Sub-Saharan Africa <i>Mayawa Owolabi (Nigeria)</i> - Assessing Stroke Outcomes in Brazil and South America - WSO <i>Sheila Martins (Brazil)</i> - Seven-action approaches for the management of hypertension in Asia - WHL - Roadmap for Hypertension and the overall Global Plan - WHL <i>Daniel Lockland (USA)</i>	Teaching Course 11: How to Implement Acute Stroke Care: From the Hospital to the Country - Evaluating Your Service or Potential Services – the WSO Roadmap for Quality of Stroke Services - Structuring Your Stroke Unit and Stroke Team: What Elements Are Important? - Creating the Stroke Care Pathways, Implementing Reperfusion Therapy - Why and How to Monitor the Quality? - How to Discuss With Health Managers to Organize Stroke Care?	Debate 3 a) Should Intra-Arterial Thrombolysis Be Considered Following Mechanical Thrombectomy With Suboptimal Recanalization? <i>YES side - Angel Chamorro (Spain)</i> b) Mechanical Thrombectomy for Patients With Large Infarcts (Aspects 3-5), Yaw or Nay? <i>YES side - Kazunori Toyoda (Japan)</i> <i>NO side - Rosalie McDonough (Canada)</i>	Teaching Course 06: Neurosurgery From Basics to Latest News - High Risk Carotid Plaques – Assessing for Risk Beyond Severity of Stenosis <i>Milan Voska (Austria)</i> - Potential Role of Microsensors Monitoring in Stroke Management <i>Yong-Jae Kim (Republic of Korea)</i> - Cerebrovascular Reactivity and Perfusion Imaging Using TCD <i>Eva Bartels (Germany)</i> - Right to Left Shunting With cTCD, cTTE and cTEE When and Which Modality To Use in Stroke Evaluation <i>Viviane Rumignon Zetola (Brazil)</i>	FREE COMMUNICATIONS Prognosis II	SHORT COMMUNICATIONS Rehabilitation and Life After Stroke

FRIDAY, OCTOBER 28, 2022

	HALL A / Plenary	Hall B	Hall C	Hall D	Hall E	Hall F	Hall G
08:00 - 9:30	<p>Joint Session with Chinese Stroke Association (CSA)</p> <p>Reperfusion Strategies for Stroke</p> <ul style="list-style-type: none"> – Advances of Tenecteplase Treatment for Reperfusion <i>Bruce Campbell (Australia)</i> – TRACE Trials: Tenecteplase Reperfusion Therapy in Acute Ischemic Cerebrovascular Events I, II, and III <i>Yanqian Wang (China)</i> – Automated Stroke Perfusion Evaluation Software <i>Carol Yunyun Xiong (USA)</i> – A Topic on Endovascular Therapy (Title Pending) <i>Equnang Chen (USA)</i> 	<p>Debate 4</p> <p>a) Left Atrial Appendage Closure Is the Main Treatment Option for Patients With AF Who Has a Stroke Despite Optimal Anticoagulation?</p> <p>Anticoagulant?</p> <p>YES side - Shadi Youghi (USA)</p> <p>b) Pending</p>	<p>Joint Session with American Stroke Association (AHA)</p> <ul style="list-style-type: none"> – The Cost Effective Evaluation of Stroke Patients with PFO: What to Test in Whom? – Novel Cardiac Imaging: Role in PFO? – Medical Management of PFO 2022 – PFO Closure: New Approaches 	<p>FREE COMMUNICATIONS</p> <p>Secondary Prevention & Post-Stroke Complications</p>	<p>Teaching Course 07: Primary Angiitis of the Central Nervous System & Cerebral Dissection</p> <ul style="list-style-type: none"> – The Many Faces of PACNS: Clinical Presentation and Diagnostic Work-Up <i>Sylvain Lanthier (Canada)</i> – The Fine Art of PACNS Treatment: From Easy to Tough Cases <i>PN Srinivas (India)</i> – Cerebral Artery Dissection- Clinical Presentation and Diagnostic Work-Up – Treatment Options and Duration for Cerebral Dissection <i>Michael Knoflach (Austria)</i> 	<p>FREE COMMUNICATIONS</p>	<p>SHORT COMMUNICATIONS</p> <p>Etiology and Clinical Presentations</p>
9:30 - 10:00	COFFEE BREAK, E-POSTERS, EXHIBITION						
10:00 - 11:30	<p>Joint Session with The Society of Vascular and Interventional Neurology (SVIN)</p> <p>Interventional Stroke Neurology</p> <ul style="list-style-type: none"> – Clinical Trials in Large Vessel Obstruction Stroke Treatment – What We Have Learnt and How to Move Forward – 10 Years of Mechanical Thrombectomy – Implications on Stroke Treatment and Impact of Cytology – Evolution of Neuroimaging for Mechanical Thrombectomy – Mechanical Thrombectomy – a Global Overview and Gaps in Implementation <i>Bernard Yan (Australia)</i> – Medical Management With Mechanical Thrombectomy <i>Diederik Dippel (Netherlands)</i> 	<p>Joint Session with The International Society of Vascular Behavioural and Cognitive Disorders (VasCog)</p> <p>Advances in Vascular Cognitive Impairment and Dementia</p> <ul style="list-style-type: none"> – Post-Stroke Cognitive Impairment and Dementia: What Have We Learned From Previous Studies and What Will DISCOVERY Reveal – Diagnosing Vascular Cognitive Impairment <i>Permirder Sachdev (Australia)</i> – Dementia Risk Models in Stroke Cohorts – Brain Imaging for Vascular Cognitive Impairment – What is Useful and What Needs to Be Established <i>Saima Hiral (Singapore)</i> – How Should We Perform Better Clinical Trials Globally for Vascular Cognitive Impairment? <i>Suvarna Alladi (India)</i> 	<p>Emerging Topics in Atrial Fibrillation and Stroke</p> <ul style="list-style-type: none"> – What's New With Anticoagulation and Atrial Fibrillation? – Rhythm Control in Patients With AF for Stroke Prevention <i>Mårit Jensen (Germany)</i> – Screening for Atrial Fibrillation: When, How, and in Whom? – Atrial Fibrillation and Cognitive Impairment <i>Geert Beetsels (Netherlands)</i> 	<p>SSO Session 2</p> <p>Measuring Patient Experience and Outcomes To Influence Service Delivery</p> <ul style="list-style-type: none"> – Lived Experience Perspective of Patient Reported Experience and Outcome Measures – Experience of Care as a Critical Component of Health System Performance <i>Kerry Kulaski (Canada)</i> – Patient Reported Outcome Measures for Stroke: Rationale, Methods and Future Directions <i>Matthew Reeves (USA)</i> – Promoting the Value of Patient Experience in Practice and Research in India <i>Dimple Dwar (India)</i> 	<p>Teaching Course 08: Breadth of Nursing in Stroke Care</p> <ul style="list-style-type: none"> – Hyperacute Stroke Care With and Without Reperfusion Treatment <i>Sandy Middleton (Australia)</i> – Stroke Unit Management is Key in Both Low and High Resource Settings <i>Gloria Elang (Papua)</i> – Outpatient Care of Stroke Patients – Scope and Opportunities <i>Il Fan Tan (Singapore)</i> – Role of Nurses in Support and Advocacy for the Stroke Community <i>Rita Meforwu (Nigeria)</i> – Sharing by Person With Lived Experience on Their Stroke Journey and How Nurses Made a Difference 	<p>FREE COMMUNICATIONS</p> <p>Disparities, Global Health, Advocacy</p>	<p>SHORT COMMUNICATIONS</p> <p>Risk Factors, Biomarkers and Prevention</p>
11:30 - 12:00	BREAK						
12:00 - 13:00	SPONSORED SYMPOSIUM 09		SPONSORED SYMPOSIUM 10		SPONSORED SYMPOSIUM 11		SPONSORED SYMPOSIUM 12
13:00 - 13:30	BREAK						
13:30-15:00	Plenary, Awards and Late Breaking						
15:00-15:15	BREAK						
15:15-16:45	<p>Debate 5</p> <p>a) Is Perfusion Imaging for Decision Making for Reperfusion Treatment in Patients With Large Vessel Occlusion in the Late Time Window Essential or Not Worth the Hassle?</p> <p>b) Low-Dose Alteplase for Stroke Thrombolysis-Is the Clinical Role Defined?</p> <p>YES side - Chih-Hao Chen (Canada)</p> <p>NO side - Craig Anderson (Australia)</p>	<p>Big Picture Issues Affecting Stroke</p> <ul style="list-style-type: none"> – Environmental and Climate Change & Stroke <i>Anna Ranta (New Zealand)</i> – Ageing Paradigms & Brain, Vascular Disease <i>Meng Cheong Wang (Singapore)</i> – Neuroplasticity and Stroke Recovery – Stem Cells – The Opportunity for Stroke <i>Miroslaw Janowski (USA)</i> 	<p>Joint Session with World Federation of Neurology (WFN)</p> <p>Challenges in Stroke Education</p> <ul style="list-style-type: none"> – Challenges of Stroke Education in African- WFN Needs Registry <i>Riadh Gaudier (Tunisia)</i> – Regional Differences in Stroke Education, Training, and Awareness <i>Steven Lewis (USA)</i> – World Stroke Academy Activities and Special Projects <i>Gustavo Saposnik (Canada)</i> – The Future Stroke Leaders Programme – Family Centred Post Stroke Education: Primary and Secondary Prevention <i>Michelle Nelson (Canada)</i> 	<p>FREE COMMUNICATIONS</p> <p>Stroke Unit and Post-Stroke Care</p>	<p>GENERAL ASSEMBLY</p> <p>(60 minutes)</p>	<p>FREE COMMUNICATIONS</p> <p>Recovery and Rehabilitation</p>	<p>SHORT COMMUNICATIONS</p> <p>Acute Stroke Therapies & Intracranial Bleeding</p>
16:45-17:15	COFFEE BREAK, E-POSTERS, EXHIBITION						
17:15-18:45	<p>Teaching Course 10: Hyperacute Stroke</p> <ul style="list-style-type: none"> – Simulation Training for Mechanical Thrombectomy <i>Veronika Svoboda (Czech)</i> – The History of Thrombolysis From NINDS Trial To Present <i>Werner Hacke (Germany)</i> – EVT for Non-Interventionalists- Show and Tell <i>Winston Lim (Singapore)</i> – Reversal of Anticoagulation for Thrombolysis Treatment – Neuroprotection – Where Does it Stand in the Reperfusion Era? <i>Marc Fisher (USA)</i> 	<p>Joint Session With World Health Organization South-East Asia Regional Office (WHO SEARO) Stroke Care Improvement Program in South Asia Region</p> <ul style="list-style-type: none"> – Bhutan's Response Against Increasing Number of Stroke (BRAINS) <i>Tashi Tenzin (Bhutan)</i> – Reducing the Burden of Stroke in South Asia: A Multiprong Approach <i>Cherian Varghese</i> – Uncommon Causes of Stroke in South Asia <i>Lidya Ramesh</i> – Establishing Organized Stroke Care in South Asia From Training to Implementation <i>Joy Anne Sebastian (India)</i> – Current Updates in the Management of Cerebral Venous Thrombosis <i>Sanjith Aaron (India)</i> 	<p>Debate 6</p> <p>A) Should Patients on a Direct Oral Anticoagulant Within the Last 48 Hours Be Excluded From Thrombolysis, or Should Testing and Reversal Be Considered?</p> <p>YES side - Junya Aoki (Japan)</p> <p>NO side - Teddy Wu (New Zealand)</p> <p>B) Pending</p>	<p>FREE COMMUNICATIONS</p> <p>Small Vessel Disease and Vascular Cognitive Impairment</p>	<p>Teaching Course 09: Diagnosis and Management of Cerebral Venous Thrombosis</p> <ul style="list-style-type: none"> – Introduction to CVST: What We Know and Are Still Learning About? <i>Gustavo Saposnik (Canada)</i> – Epidemiology of CVST <i>Maria Khan Junaidi (United Arab Emirates)</i> – Diagnosis and Management of Cerebral Venous Thrombosis <i>Miriam Helmer (Switzerland)</i> – Cerebral Venous Thrombosis in Women <i>Valeria Cao (Italy)</i> 	<p>Stroke in Young Adults</p> <ul style="list-style-type: none"> – Incidence and Aetiological Patterns of Stroke in Young Adults <i>Frank Erik De Leeuw (Netherlands)</i> – Long Term Prognosis and Complications of Stroke in Young Adults – Risk Factors of Ischemic and Hemorrhagic Stroke in Young Adults <i>Kay Sin Tan (Malaysia)</i> – Rehabilitation and Recovery of Stroke in Young Adults – Sharing by a Young Adult Affected by Stroke 	<p>SHORT COMMUNICATIONS</p> <p>Rehabilitation and Life After Stroke</p>

SATURDAY, OCTOBER 29, 2022

	Hall B	Hall C	Hall D	Hall E	Hall F	Hall G
08:00-09:30	<p>Practical Management of Common Neurocardiology Conditions</p> <ul style="list-style-type: none"> – Cardiovascular Complications in Patients With Stroke: Diagnosis and Management <i>Jan Schertz (Germany)</i> – Use of Antiplatelet Agents in Stroke Patients on Anticoagulants for Atrial Fibrillation? – Diagnosis & Management of Atherothrombotic Aortic Arch Disease in Stroke Patients – Update on Anticoagulation in Stroke Patients With Heart Failure: When and How? <i>Luciano Spasato (Canada)</i> – Left Atrial Appendage Closure for Stroke Prevention in Atrial Fibrillation <i>Edip Gurul (USA)</i> 	<p>Joint Session with Asia Pacific Stroke Organisation (APSO) Stroke in Asia</p> <ul style="list-style-type: none"> – Challenges of Stroke Care During the COVID-19 Pandemic, Especially in Asia <i>Jayanti Pandey (India)</i> – Embolic Stroke of Unknown Source – Treatment in Asians – Stroke Aetiologies in Asians – Stroke Care Systems in Asia <i>Epfano Collantes (Philippines)</i> 	<p>WSC TALKS</p> <p>Update in Clinical Stroke Research 2022: What is New?</p> <ul style="list-style-type: none"> – Advances in Experimental Stroke Research – Advances in Prehospital Care <i>Anthony Rudd (UK)</i> – Advances in Neurobiology and Acute Therapy <i>Yvo Roos (Netherlands)</i> – Advances in Endovascular Stroke Therapy <i>Bernard Yan (Australia)</i> – Advances in Stroke Rehabilitation and Recovery <i>Julie Bernhardt (Australia)</i> – Advances in Stroke Prevention <i>Deidre De Silva (Singapore)</i> – Advances in Life After Stroke <i>Patrice Lindsay (Canada)</i> 	<p>Implementation Science – Bridging the Gap Between Research and Practice</p> <ul style="list-style-type: none"> – What To Implement? Selecting Best Stroke Practices Using Consensus-Based Guidelines – How To Implement? Supporting and Sustaining the Implementation of Best Stroke Practices – Lessons Learnt From Implementing Evidence-Based Stroke Care in Low/Middle-Income Countries <i>Sarjano Bururo (UK)</i> – Building Partnerships With Industry and Academic/Research Centres <i>Julie Bernhardt (Australia)</i> 	<p>FREE COMMUNICATIONS</p> <p>Clinical trials I</p>	<p>FREE COMMUNICATIONS</p> <p>Mechanical Thrombectomy II</p>
09:30-09:40	BREAK					
9:40 - 11:10	<p>Hyper-Acute Therapies of Ischemic Stroke</p> <ul style="list-style-type: none"> – Intravenous Thrombolysis Prior to Mechanical Thrombectomy – a Critical Review of the Evidence <i>Adnan Qureshi (USA)</i> – Lesson Learnt From Meta-Analysis of RCT for Thrombolysis and Mechanical Thrombectomy – Intravenous Thrombolysis Prior to Mechanical Thrombectomy: Application in the Real World. <i>Osama Mansour (Egypt)</i> – Integrating neurovascular protection with optimal reperfusion 	<p>Joint Session with Middle East North Africa Stroke and Interventional Neurology (MENA-SINO) and Middle East North Africa Stroke Association (MENASO) Stroke Services Organisation in the Middle East Region</p> <ul style="list-style-type: none"> – Utilization of Technology To Improve Stroke Care in LMICs in the MENA Region <i>Fahad Saad Al-Ajlan (Kingdom of Saudi Arabia)</i> – Stroke and Neurointervention Training Challenges & Improvement Strategies in the MENA Region <i>Atilla Ozcan Ozdemir (Turkey)</i> – Improving Stroke Research and Increasing Research Outputs in the MENA Region <i>Masoud Mehrpour (Iran)</i> – Standardising Stroke Services in the MENA Region <i>Maria Khan Junaidi (United Arab Emirates)</i> 	<p>Hurdles in Stroke Research and How to Get Over Them</p> <ul style="list-style-type: none"> – Grant writing in stroke <i>Christopher Chen (Singapore)</i> – Getting your work published <i>Hugh Marins (UK)</i> – Finding collaborators and building networks <i>Karen Furie (USA)</i> – How to find what to work on? – My stroke Research journey <i>Werner Hacke (Germany)</i> 	<p>Joint Session with The Association of Southeast Asian Nations Neurological Association (ASNA) Stroke patterns and issues in Asia</p> <ul style="list-style-type: none"> – Stroke and infections <i>Nijasi Suwanwala (Thailand)</i> – Thrombolysis and Small Vessel Disease <i>Lisa Amalia (Indonesia)</i> – Clopidogrel Resistance in Secondary Stroke Prevention <i>Zhe Kang Low (Malaysia)</i> – Radiation Associated Carotid Disease <i>Chang Hui Meng (Singapore)</i> 	<p>FREE COMMUNICATIONS</p> <p>Clinical trial II</p>	<p>Diagnostic and Predictive Biomarkers in Stroke and Cognitive Impairment</p> <ul style="list-style-type: none"> – The Role of Biomarkers in Acute Stroke Management <i>Jan Schertz (Germany)</i> – Biomarkers To Guide Secondary Stroke Prevention <i>Mira Katan (Switzerland)</i> – Biomarkers of High-Risk Carotid and Intracranial Atherosclerosis <i>Anna Kropczak (Germany)</i> – Biomarkers and the Risk of Dementia <i>Christopher Chen (Singapore)</i>
11:10-11:30	COFFEE BREAK					
11:30 - 13:00	Plenary, Awards and Late Breaking (Highlights of WSC 2022)					