



14TH WORLD
**STROKE
CONGRESS**

OCTOBER 26-29, 2022
SINGAPORE

ONE WORLD VOICE FOR STROKE
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Acute stroke treatment	Clinical manifestations
Prevention	Plenary
Recovery	Industry

SSO Session



WEDNESDAY, OCTOBER 26, 2022

	HALL A / Plenary	Hall B	Hall C	Hall D	Hall E	Hall F	Hall G
7:30 - 9:00	Anesthetic and Critical Care in Stroke – Anesthetic Management in Endovascular Treatment of Acute Ischemic Stroke – 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 – Hyperacute Treatment for Stroke Related to ICAS – Secondary Prevention for Stroke Secondary to ICAS	Joint Session with ISBIA Implementation Science – Bridging the Gap Between Research and Practice – 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 – Building Partnerships With Industry and Academic/Research Centres	FREE COMMUNICATIONS 01	Teaching Course Challenging Stroke Cases (Part 1) – Vascular Eagle Syndrome and TIA – Fabry Disease and Stroke – Bone Disease and Stroke – Moya Moya Disease	FREE COMMUNICATIONS 02	SHORT COMMUNICATIONS 01
9:00 - 9:30	COFFEE BREAK, E-POSTERS, EXHIBITION						
9:30 - 11:00	Retrieving the Clot – Achieving the Task Aspiration Versus Stent Retriever – Thrombectomy – When To Use Which? – How Clot Imaging Could Help Thrombectomy? – Thrombectomy-Resistant Large Vessel Obstruction Stroke- Tricks and Tips – Adjunctive Intra-Arterial Thrombolysis Optimizing Reperfusion	New Avenues for Secondary Stroke Prevention – Factor XIIa Inhibition: What is the Rational in Context of Secondary Stroke Prevention – Lp(a) a New Potentially Treatable Target in Secondary Stroke Prevention – Intensive Lipid Control and Tighter Target Levels for Secondary Stroke Prevention – Anti-Inflammatory Targets for Secondary Stroke Prevention	Brain Stimulation for Post-Stroke Recovery – Vagal Nerve Stimulation (VNS) – Transcranial Direct Current stimulation(tDCS) and Repetitive Transcranial Magnetic stimulation(rTMS) – Low Field Electromagnetic Stimulation (LFEMS) – Deep Brain Stimulation of the Cerebellum	FREE COMMUNICATIONS 03	Teaching Course Challenging Stroke Cases (Part 2) – Cancer-Associated Stroke – Stroke in Sickle Cell Disease – Cerebral Amyloid Angiopathies Related to Inflammation	FREE COMMUNICATIONS 04	SHORT COMMUNICATIONS 02
11:00 - 11:15	BREAK						
11:15 - 12:45		SPONSORED SYMPOSIUM 01	SPONSORED SYMPOSIUM 02	SPONSORED SYMPOSIUM 03	SPONSORED SYMPOSIUM 04		
12:45 - 13:00	BREAK						
13:00 - 14:30	Hyper-Acute Therapies of Ischemic Stroke – Intravenous Thrombolysis Prior to Mechanical Thrombectomy- a Critical Review of the Evidence – Lesson Learnt From Meta-Analysis of RCT for Thrombolysis and Mechanical Thrombectomy – Intravenous Thrombolysis Prior to Mechanical Thrombectomy: Application in the Real World.	Updates on Stroke Primary and Secondary Prevention – Antiplatelets Including Role of Dual Antiplatelet Therapy – Anticoagulation and Device Therapy for Structural Heart Disease – Carotid Disease- Medical Management and Carotid Intervention – Blood Pressure Control: Is Intensive Lowering Necessary?	Enhancing 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 – Motor Learning Related Therapy Approaches SSO	WSC TALKS 01	Teaching Course Pediatric Ischemic Stroke – Stroke Etiologies & Treatments – Pediatric Stroke Thrombectomy: Workflow Variations Around the World – Imaging of Pediatric Ischemic Stroke – The Australian Paediatric Acute Code Stroke (PACS) Study – Mark Mackay (SSO Talk; Possible Lived Experience Sharing)	FUTURE LEADERS SESSION 01	SHORT COMMUNICATIONS 03
14:30 - 15:00	COFFEE BREAK, E-POSTERS, EXHIBITION						
15:00 - 16:30	Latest Approaches to ICH Management – Comparison of 2022 ICH Guideline: ESO and AHA/ASA – Latest Data on Blood Pressure Management in ICH – Advances in Neurosurgical ICH Approaches – Recent Issues of Oral Anticoagulant Associated ICH – 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 – 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 – Co-Designing Organisational Improvements and Interventions in Stroke Units in England – The Role of People With Lived Experience in Guideline Development – Canadian Stroke Best Practice Recommendations – Putting Co-Design Theory into Practice- Young Stroke Project	WORKSHOP Case based discussion	Teaching Course Imaging Concepts in Stroke – Imaging for Haemorrhagic Stroke – From Basic to Advanced – Quick Imaging Assessment for Reperfusion Decision Making – Imaging of Cerebral Vasculature Including Vessel Wall Imaging – Perfusion and Collaterals	FUTURE LEADERS SESSION 02	SHORT COMMUNICATIONS 04
16:30 - 16:45	BREAK						
16:45 - 17:15	Opening						
17:15 - 18:45	Plenary, Awards and Late Breaking						
18:45	Welcome Reception						

THURSDAY, OCTOBER 27, 2022

	HALL A / Plenary	Hall B	Hall C	Hall D	Hall E	Hall F	Hall G
7:30 - 9:00	Challenges and Future Directions for Pre-Hospital Stroke Care – Current Status and Barriers to Pre-Hospital Stroke Care in Metropolitan Regions – Developments in Lightweight Imaging and Digital Technology for Rural and Remote Locations – What Is New in the Prehospital Stroke Care? – Problems and Solutions Delivering Prehospital Stroke Care in India – How To Improve Stroke Prehospital Care in Africa?	Sugars and Stroke – Diabetes as a Risk Factor of Stroke – Epidemiology and Global Burden – Diabetes Control as Part of Primary and Secondary Stroke Prevention – 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 – Racial and Ethnic Disparities in Stroke: Novel Insights – Digital Health Innovations To Reduce Inequities in Stroke – Impact of Country and Region Economic Status	FREE COMMUNICATIONS 05	Teaching Course Post Stroke Complications (Part 1) – Seizures and Epilepsy – Post Stroke Pain and Spasticity – When To Suspect and Treatment Modalities – Neuropsychiatric Complications of Stroke	FREE COMMUNICATIONS 06	SHORT COMMUNICATIONS 05
COFFEE BREAK, E-POSTERS, EXHIBITION							
9:00 - 9:30	Hyperacute Reperfusion in the Late Window -What Do We Know From RCTs for EVT in the LATE Time Window? -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 4 a) A Single Covert Brain Infarction – An Incidental Finding or Opportunity for Prevention? b) Should Double Antiplatelet Be Given Routine for a Short Period for All Non-AF Ischemic Stroke Patients (DAPT)?	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 – How Stroke Treatment Should or Should Not Differ in the Very Elderly	FREE COMMUNICATIONS 07	Teaching Course Post Stroke Complications (Part 2) – Issues With Sexuality and Intimacy – Fatigue – Movement Disorders – Long Term Emotional Well-Being (SSO)	FREE COMMUNICATIONS 08	SHORT COMMUNICATIONS 06
11:00 - 11:15	BREAK						
11:15 - 12:45	SPONSORED SYMPOSIUM 05		SPONSORED SYMPOSIUM 06		SPONSORED SYMPOSIUM 07		SPONSORED SYMPOSIUM 08
12:45 - 13:00	BREAK						
13:00 - 15:00	Presidents symposium WSO PRESIDENTS & BARBRO B. J. AWARDS WSO-ANGELS CEREMONY - TBC						
COFFEE BREAK, E-POSTERS, EXHIBITION							
15:00 - 15:30	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 – Stroke Rehabilitation in a Pandemic – Limitations and Opportunities	Debate 5 A) Which is the Better Strategy for Primary and Secondary Stroke Prevention- Tailored to the Individual or Use of Poly pill Concept? B) Is Medical Treatment Enough for Patients With Asymptomatic Severe Cervical Carotid Stenosis?	Young Stroke	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 - Acute Stroke Services and Opportunities To Improve Care - Stroke Nursing Across the Region and Potential Collaborations - Stroke Recovery and Advocacy- Gaps and Opportunities - Developing a Roadmap for Stroke Care Across the Region	Teaching Course Rare Genetic Causes of Stroke When To Search for Them – Genetic Risk Factors for Ischemic and Hemorrhagic Stroke – Genetics of Aneurysms and SAH – Monogenic Cerebral Small-Vessel Diseases – Mitochondrial Disease and Stroke	FREE COMMUNICATIONS 09	SHORT COMMUNICATIONS 07
17:00 - 17:15	BREAK						
17:15 - 18:45	Debate 1 a) Should Intra-Arterial Thrombolysis Be Considered Following Mechanical Thrombectomy With Suboptimal Recanalization? b) Mechanical Thrombectomy for Patients With Large Infarcts (Aspects 3–5), Yay or Nay?	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 -Stroke and Hypertension Outcomes in Brazil and South America – Stroke and Hypertension Outcomes in Asia – Roadmap and Overall Global Plan for Hypertension	Maximizing Treatment Opportunities – Global Stroke Systems of Care	WORKSHOP Neurojeopardy	Teaching Course Neurosonology From Basics to Latest News – High Risk Carotid Plaques – Assessing for Risk Beyond Severity of Stenosis – Potential Role of Microemboli Monitoring in Stroke Management – Cerebrovascular Reactivity and Perfusion Imaging Using TCD – Right to Left Shunting With cTCD, cTTE and cTEE – When and Which Modality To Use in Stroke Evaluation	FREE COMMUNICATIONS 10	SHORT COMMUNICATIONS 08

FRIDAY, OCTOBER 28, 2022							
	HALL A / Plenary	Hall B	Hall C	Hall D	Hall E	Hall F	Hall G
7:30 - 9:00	Joint Session with Chinese Stroke Association (CSA) Reperfusion Strategies for Stroke – Advances of Tenecteplase Treatment for Reperfusion – TRACE Trials: Tenecteplase Reperfusion Therapy in Acute Ischemic Cerebrovascular Events I, II, and III – Automated Stroke Perfusion Evaluation Software – A Topic on Endovascular Therapy (Title Pending)	Debate 6 a) Left Atrial Appendage Closure Is the Main Treatment Option for Patients With AF Who Has a Stroke Despite Optimal Anticoagulation? Anticoagulant? b) Pending	Digital Health Technologies	Spotlights	Teaching Course Primary Angiitis of the Central Nervous System & Cerebral Dissection – The Many Faces of PACNS: Clinical Presentation and Diagnostic Work-Up – The Fine Art of PACNS Treatment: From Easy to Tough Cases – Cerebral Artery Dissection- Clinical Presentation and Diagnostic Work-Up – Treatment Options and Duration for Cerebral Dissection	FREE COMMUNICATIONS 11	SHORT COMMUNICATIONS 09
9:00 - 9:30	COFFEE BREAK, E-POSTERS, EXHIBITION						
9:30 - 11:00	Joint Session with The Society of Vascular and Interventional Neurology (SVIN) Interventional Stroke Neurology – 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 Ctiology – Evolution of Neuroimaging for Mechanical Thrombectomy – Mechanical Thrombectomy- a Global Overview and Gaps in Implementation – Medical Management With Mechanical Thrombectomy	Joint Session with The International Society of Vascular Behavioural and Cognitive Disorders (VasCog) Advances in Vascular Cognitive Impairment and Dementia – Post-Stroke Cognitive Impairment and Dementia: What Have We Learned From Previous Studies and What Will DISCOVERY Reveal – Diagnosing Vascular Cognitive Impairment – Dementia Risk Models in Stroke Cohorts – Brain Imaging for Vascular Cognitive Impairment – What Is Useful and What Needs To Be Established – How Should We Perform Better Clinical Trials Globally for Vascular Cognitive Impairment?	Atrial fibrillation	FREE COMMUNICATIONS 12	Teaching Course Breadth of Nursing in Stroke Care – Hyperacute Stroke Care With and Without Reperfusion Treatment - Stroke Unit Management Is Key in Both Low and High Resource Settings - Outpatient Care of Stroke Patients – Scope and Opportunities - Role of Nurses in Support and Advocacy for the Stroke Community - Sharing by Person With Lived Experience on Their Stroke Journey and How Nurses Made a Difference	FREE COMMUNICATIONS 13	SHORT COMMUNICATIONS 10
11:00 - 11:15	BREAK						
11:15 - 12:45	SPONSORED SYMPOSIUM 09		SPONSORED SYMPOSIUM 10	SPONSORED SYMPOSIUM 11	SPONSORED SYMPOSIUM 12		
12:45 - 13:00	BREAK						
13:00 - 14:30	Debate 2 a) Is Perfusion Imaging for Decision Making for Reperfusion Treatment in Patients With Large Vessel Obstruction in the Late Time Window Essential or Not Worth the Hassle? b) Low-Dose Alteplase for Stroke Thrombolysis- Is the Clinical Role Defined?	SSO Session 2 Measuring Patient Experience and Outcomes To Influence Service Delivery – Lived Experience Perspective of Patient Reported Experience and Outcome Measures – Experience of Care as a Critical Components of Health System Performance – Patient Reported Outcome Measures for Stroke: Rationale, Methods and Future Directions – Promoting the Value of Patient Experience in Practice and Research in India	Joint Session with World Federation of Neurology (WFN) Challenges in Stroke Education - Challenges of Stroke Education in African- WFN Needs Registry – Regional Differences in Stroke Education, Training, and Awareness – World Stroke Academy Activities and Special Projects – The Future Stroke Leaders Programme – Family Centred Post Stroke Education: Primary and Secondary Prevention	FREE COMMUNICATIONS 14	Teaching Course Diagnosis and Management of Cerebral Venous Thrombosis – Introduction to CVST: What We Know and Are Still Learning About? – Epidemiology of CVST – Diagnosis and Management of Cerebral Venous Thrombosis – Cerebral Venous Thrombosis in Women	FREE COMMUNICATIONS 15	SHORT COMMUNICATIONS 11
14:30 - 15:00	COFFEE BREAK, E-POSTERS, EXHIBITION						
15:00 - 16:30	Teaching Course Hyperacute Stroke - Simulation Training for Mechanical Thrombectomy – Veronica - The History of Thrombolysis From NINDS Trial To Present - EVT for Non-interventionalists- Show and Tell - Reversal of Anticoagulation for Thrombolysis Treatment - Neuroprotection – Where Does It Stand in the Reperfusion Era?	Joint Session With World Health Organization South-East Asia Regional Office (WHO SEARO) Stroke Care Improvement Program in South Asia Region – Bhutan's Response Against Increasing Number of Stroke (BRAINS) – Reducing the Burden of Stroke in South Asia: A Multiprong – Uncommon Causes of Stroke in South Asia – Establishing Organized Stroke Care in South Asia From Training to Implementation – Current Updates in the Management of Cerebral Venous Thrombosis	Debate 3 A) Should Patients on a Direct Oral Anticoagulant Within the Last 48 Hours Be Excluded From Thrombolysis, or Should Testing and Reversal Be Considered? B) Pending	FREE COMMUNICATIONS 16	GENERAL ASSEMBLY (TBC 60 minutes)	FREE COMMUNICATIONS 17	SHORT COMMUNICATIONS 12
16:30 - 16:45	BREAK						
16:45 - 18:15	Plenary, Awards and Late Breaking						

SATURDAY, OCTOBER 29, 2022							
	Hall B	Hall C	Hall D	Hall E	Hall F	Hall G	
7:30 - 9:00	Joint Session with Asia Pacific Stroke Organisation (APSO) Stroke in Asia – Challenges of Stroke Care During the COVID-19 Pandemic, Especially in Asia – Embolic Stroke of Unknown Source – Treatment in Asians – Stroke Aetiologies in Asians – Stroke Care Systems in Asia	Diagnostic and Predictive Biomarkers in Stroke and Cognitive Impairment – The Role of Biomarkers in Acute Stroke Management – Biomarkers To Guide Secondary Stroke Prevention – Biomarkers of High-Risk Carotid and Intracranial Atherosclerosis – Biomarkers and the Risk of Dementia	Heart-Brain Session	Teaching Course Nuts and Bolts of Stroke Research	FREE COMMUNICATIONS 18	FREE COMMUNICATIONS 19	
9:00 - 9:15	BREAK						
9:15 - 10:45	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 – Policy and Pragmatic Solutions To Improve Primary and Secondary Prevention of Stroke – Policy and Pragmatic Solutions To Improve Hyperacute and Acute Stroke Care – Policy and Pragmatic Solutions To Improve Rehabilitation and Re-Integration of Stroke Survivors – Discussion: Bringing These Elements Together for Scaling Up Stroke Prevention and Control Globally	Joint Session with The Association of Southeast Asian Nations Neurological association (ASNA) Stroke patterns and issues in Asian – Stroke and Infections – Thrombolysis and Small Vessel Disease – Clopidogrel Resistance in Secondary Stroke Prevention – Radiation Associated Carotid Disease	FREE COMMUNICATIONS 20	Joint Session with Middle East North Africa Stroke and Interventional Neurology (MENA-SINO) and Middle East North Africa Stroke Association (MENASO) Stroke Services Organization in the Middle East Region - Utilization of Technology To Improve Stroke Care in LMICs in the MENA Region - Stroke and Neurointervention Training Challenges & Improvement Strategies in the MENA Region - Improving Stroke Research and Increasing Research Outputs in the MENA Region - Standardising Stroke Services in the MENA Region	FREE COMMUNICATIONS 21	FREE COMMUNICATIONS 22	
10:45 - 11:15	BREAK						
11:15 - 12:45	Plenary, Awards and Late Breaking						