

## MONDAY 13<sup>TH</sup> DECEMBER (all times are GMT)

09:00 – 09:10	Welcome session	Course Directors
09:10 – 09:35	The Nautilus Device – Initial Experience	Alex Sirakov (Bulgaria)
09:35 – 10:00	Is computational modelling of thrombus formation ready to serve in intervention planning for aneurysm flow diversion?	Yiannis Ventikos (UK)
10:00 – 10:25	The DiVeRt-precise a new flow diverter from Merlin	Christophe Cognard (France)
10:25 – 10:50	Stenting strategies for endovascular treatment of complex bifurcation aneurysms	Kubilay Aydin (Turkey)
<b>10:50 – 11:20 Refreshment Break</b>		
11:20 – 11:45	PreSize Neurovascular software (Oxford Heartbeat) for FD procedure planning in clinical setting: validation and initial experiences	Johnny Downer (UK)
11:45 – 12:10	Cascade Neck bridging device	Alex Sirakov (Bulgaria)
12:10 – 12:35	TBC	Hans Henkes (Germany)
<b>12:35 – 13:35 Lunch</b>		
13:35 – 14:00	TBC	TBC
14:00 – 14:25	In silico trials of flow diversion devices – can we trust the evidence?	Alejandro Frangi (UK)
14:25 – 14:50	Endura: finally an intraneurysmal balloon occlusion device	Blaise Baxter (USA)
14:50 – 15:15	Identifying the physical causes of failure in the walls of cerebral aneurysms	Anne Robertson (USA)
<b>15:15 – 15:45 Refreshment Break</b>		
15:45 – 16:10	Phenox Talk	TBC
16:10 – 16:35	Preliminary experience with the Contour device in ruptured and unruptured aneurysms.	Mario Galdamez (Spain)
16:35 – 17:00	Novel anti-thrombogenic coating	Andrew Jones (USA)
17:00 – 17:25	the VITAL study - stentplasty	Dave Fiorella (USA)
17:25 – 17:50	First clinical multicenter experience with the new FRED X flow diverter	Markus Mohlenbruch (Germany)
17:50 – 18:00	Close of Day One	Paul Bhogal (UK)
18:00 – 18:30	Industry Session	
18:30	Welcome Drinks Reception	

## TUESDAY 14<sup>TH</sup> DECEMBER (all times are GMT)

08:00 – 08:55	Industry Sponsored Breakfast Session	
09:00 – 09:05	Welcome Session	Course Directors
09:05 – 09:30	The Cardiac-Neural axis: how the heart is relevant to acute stroke intervention	Benjamin Tan (Singapore)
09:30 – 09:55	ICAD treatment- new drugs, new devices	Leonard Yeo (Singapore)
09:55 – 10:20	Design and concept of a multicenter prospective randomized controlled study on endovascular treatment of large core infarction (ANGEL-ASPECTS)	Zhongrong Miao (China)
10:20 – 10:45	Milipede – Initial Experience	Levan Makalanda (UK)
10:45 – 11:10	TBC	TBC
11:10 – 11:40	Refreshment Break	
11:40 – 12:05	ENVI device, a new stentriever concept: a multicenter experience	Mario Galdamez (Spain)
12:05 – 12:30	von Willebrand factor: a novel target in ischemic stroke?"	Simon De Meyer (Belgium)
12:30 – 12:55	3D imaging in treating stroke patients	Saleh Lamin (UK)
12:55 – 13:20	Review 2021: what did we learn from recent stroke studies?	Jens Fiehler (Germany)
13:20 – 14:00	Lunch	
14:00 – 14:25	Tiger 13	Hannes Nordmeyer (Germany)
14:25 – 14:50	preclinical modeling of combined thrombectomy/neuroprotection strategies	Matthew Gounis (USA)
14:50 – 15:15	How artificial intelligence significantly improves hospital triage and treatment times	Ameer Hassan (USA)
15:15 – 15:45	Refreshment Break	
15:45 – 16:35	Cerenovus Session	Cerenovus
16:35 – 17:00	Optimizing Fluid Dynamics for Stroke Thrombectomy using a Novel Cyclical Aspiration System	Vallabh Janardhan (USA)
17:00 – 17:25	MeVO: natural history, intervention techniques, trials	Mayank Goyal (Canada)
17:25 – 17:50	The Tenzing/Ascender 088 aspiration catheter system	Blaise Baxter (USA)
17:50 – 18:00	Close of Day Two – Look Ahead to Day Three	Paul Bhogal
19:30	Conference Dinner	

## WEDNESDAY 15<sup>TH</sup> DECEMBER (all times are GMT)

08:00 – 08:55	Industry Sponsored Breakfast Session	
09:00 – 09:10	Welcome Session	Course Directors
09:10 – 09:50	Automated Carotid Atherosclerosis detection & Analysis	Andras Nemes (Australia)
09:50 – 10:15	Arterial and Venous embolization of AVM – Learning curve	Mani Puthuran (UK)
10:15 – 10:40	Reappraised classification of spinal cord arteriovenous shunts: implication for optimized management	Georges Rodesch (France)
<b>10:40 – 11:00 Refreshment Break</b>		
11:00 – 11:25	Application of adenosine triphosphate-induced cardioplegia in endovascular treatment of high-flow arteriovenous malformations	Andrey Petrov (Russia)
11:25 – 12:15	Architectonic organisation of the Brain with emphasises on the Compartmentalisation of vascularisation relation to Brain AVMs	Rahul Kumar (India)
12:15 – 12:40	TBC	TBC
12:40 – 13:05	Medtronic Talk	Medtronic
<b>13:05 – 14:05 Lunch</b>		
14:05 – 14:30	Robotic-Assisted Extracranial Carotid Stenting	Stavropoula Tjournakris (USA)
14:30 – 14:55	SyNC: Symptomatic non-stenotic carotid plaque - an under-recognized cause of stroke	Johanna Ospel (Canada)
14:55 – 15:20	Q'apel Talk	TBC
<b>15:20 – 15:45 Refreshment Break</b>		
15:45 – 16:10	FloPatch: Early clinical experience with a wearable carotid Doppler monitor	Christine Demore (Canada)
16:10 – 16:35	Laser angioscopy: a new imaging platform for carotid artery disease	Luis Savastano (USA)
16:35 – 17:35	Industry Sponsored Session	
19:30	Faculty Dinner	

## THURSDAY 16<sup>TH</sup> DECEMBER

08:00 – 08:55	Industry Sponsored Breakfast Session	
09:00 – 09:05	Welcome Session	Course Directors
09:05 – 09:25	TBC	Mohamed Aggour (UK)
09:25 – 09:50	Magnesium Based Stents - everything you wanted to know	Alexander Kopp (Germany)
09:50 – 10:20	TBC	Paul Bhogal (UK)
10:20 – 10:45	From clinic to market, from hardware to software - a clinician's journey	Manoj Ramachandran (UK)
<b>10:45 – 11:10 Refreshment Break</b>		
11:10 – 11:35	Vagal nerve stimulation and enhanced stroke recovery - what do we know so far?	Gareth Ackland (UK)
11:35 – 12:00	Towards self reporting vascular implants.	John Mercer (UK)
12:00 – 12:25	Patenting Medical Inventions - a Guide for Clinicians	Jon Broughton (UK)
<b>12:25 – 13:30 Lunch</b>		
13:30 – 13:55	First-in-Human Endovascular Treatment of Hydrocephalus with a Miniature Biomimetic Trans-Dural Shunt	Pedro Lylyk (Argentina)
13:55 – 14:20	Ophthalmic Artery Angioplasty For Age Related Macular Degeneration	Ivan Lylyk (Argentina)
14:20 – 14:45	TNIRS - ready for primetime	Karol Budohoski (USA/UK)
<b>14:45 – 15:15 Break</b>		
15:15 – 15:40	The implications of frailty in neurovascular disease	Charles Matouk (USA)
15:40 – 16:05	Evaluation of clot composition during thrombectomy by the Clotilde smart stroke guidewire from Sensome	Christophe Cognard (France)
16:05 – 16:30	IIH current understanding of the pathophysiology	Waleed Brinjikji (USA)
16:30 – 16:55	The Dawn of a new era - robotics and neurointervention	Satoshi Tateshima (USA)
16:55 – 17:20	Protecting your idea and what it takes to get your prototypes designed and built	Dave Ferrera (USA)
17:20 – 17:45	cSDH - update on RCTs and ongoing studies	Dave Fiorella (USA)
17:45 – 17:50	Final thoughts and Thank You	Paul Bhogal
17:50	Close	