

| <b>Topic:</b> Set up and Infrastructure<br><b>Chair:</b> Jan Gralla - Le Van Truong – Blaise Baxter - Uday Limmaye - Christophe Cognard – Cuong Tran Chi |   |                           |
|--|---|---------------------------|
| <b>How to organize a stroke center</b>   |   |                           |
| 08:30 am   | 1- Experiences to Build a Stroke Center – S.I.S Can Tho<br>2- Rehabilitation after stroke<br>E-Voting | Cuong Tran Chi (30min)    |
| 09:30 am   | Cost effectiveness of stroke treatment<br>E-Voting  | Le Van Truong             |
| 10:00 am   | <b>Break</b>  |                           |
| <b>Treatment and post-treatment management</b>   |   |                           |
| 10:30 am   | How to manage complications of endovascular therapy<br>E-Voting                                       | Uday Limmaye              |
| 11:00 am   | Anesthesiology and stroke: The GA, CS and LA problem<br>E-Voting                                      | Asian Faculty             |
| 11:30 am   | Anticoagulation and anti-aggregation during and after IVT and EVT<br>E-Voting                         | Rajsrinivas Parthasarathy |
| 12:00 pm   | <b>Break</b>  |                           |
| <b>The crystal ball</b>  |   |                           |
| 01:00 pm   | Keynote lecture: The future of stroke imaging in 5 years  | Christophe Cognard        |
| 01:30 am   | Keynote lecture: The future of endovascular stroke therapy  | Blaise Baxter             |
| 02:00 pm   | Farewell  | All Team                  |

**FACULTY MEMBERS:**

- Blaise Baxter – USA
- Christophe Cognard – France
- Urs Fischer – Switzerland- Organising committee
- Jan Gralla – Switzerland – Organising committee
- Pasquale Mordasini – Switzerland - Organising committee
- Umair Rashid Chaudhry - Pakistan
- Uday Limaye - India
- Valeria Caso - Italy
- Sirintara Pongpech - Thailand
- George KC Wong – Hong Kong
- Kittipong Srivatanakul - Japan
- Sobri Muda - Malaysia
- Rajsrinivas Parthasarathy – India
- Pham Minh Thong – Vietnam - Organising committee
- Le Van Truong – Vietnam - Organising committee
- Tran Chi Cuong – Vietnam – Organising committee
- Nguyen Huy Thang - Vietnam

**ASIAN STROKE SUMMER SCHOOL: COURSE PROGRAM**Tuesday 18<sup>th</sup> June 2019

| Time  | Topic - Lectures   | Speaker   |
|---|--|---|
| <b>08:00 AM</b>   | Registration and Welcome Delegates   | All Team  |
| <b>08:30 AM</b>   | Welcome of the WFITN, AAFITN, ESO, ESMINT<br><br>Welcome of the local organisation committee   | Representative of the societies<br><b>Sirintara Pongpech (WFITN)</b><br><b>Uday Limaye (AAFITN)</b><br><b>Jan Gralla (ESMINT ESNR)</b><br><b>Pham Minh Thong (VSNR)</b><br><b>Urs Fischer (ESO)</b> |
| <b>Basics</b><br><b>Chairs: Sirintara Pongpech - Jan Gralla - Pham Minh Thong</b>                         |  |   |
| 08:45 am  | Basics in diagnosis and treatment of acute ischemic stroke<br>- Physiology and pathophysiology of brain perfusion<br>- Neurological symptoms, grading scales | George KC Wong (30min)<br><br>Nguyen Huy Thang (30min)  |
| 10:00 am  | Coffee break   |   |
| 10:15 am  | Basics in anatomy and angiography for acute ischemic stroke<br><br>- Vascular anatomy and territories  | Christophe Cognard  |
| 11:15 am  | History and evolution of stroke treatment  | Blaise Baxter   |
| 12:00 pm  | <b>Lunch</b><br><b>Overview Stroke</b><br><b>Chairs: Christophe Cognard - Valeria Caso - Urs Fischer</b>   |   |
| 01:30 pm  | The global burden of stroke  | Valeria Caso  |
| 02:00 pm  | <b>The Asian perspective: Demographics and Etiology</b>  | Sirintara Pongpech  |
| <b>Keynote lectures</b>   |  |   |
| 02:30 pm  | Evidence and practice of stroke treatment 2018   | Jan Gralla  |
| 03:00 pm  | Unanswered questions in acute stroke treatment 2019  | Urs Fischer   |
| 03:30 pm  | <b>Break</b>   |   |
| <b>Topic: Treatment in networks</b><br><b>Chairs: Blaise Baxter - Umair Rashid Chaudhry - Uday Limaye</b> |  |   |
| <b>Stroke Imaging</b>   |  |   |
| 03:45 pm  | Optimize the in-hospital work flow   | Jan Gralla  |
| 04:15 pm  | How to build a regional and national stroke treatment network  | Blaise Baxter   |
| 04:45 pm  | Local strategies in urbanized versus rural areas   | Umair Rashid Chaudhry   |
| 05:15 pm  | Stroke treatment in Asia: The current status   | Uday Limaye   |
| 06:00 pm  | <b>Organizational topics</b>   |   |

### Wednesday 19th June 2019

| <b>Topic:</b> State of the Art: Treatment<br><b>Chair:</b> Jan Gralla – Nguyen Huy Thang- Rajsrinivas Parthasarathy |   |   |
|---|---|---|
| <b>Acute stroke treatment</b>   |   |   |
| 08:00 am  | IVT: Evidence for on- and off-label treatment   | Valeria Caso                                    |
| 08:30 am  | EVT: Current endovascular treatment techniques  | Christophe Cognard                              |
| <b>Imaging in stroke</b>  |   |   |
| 09:00 am  | The role of CT in acute stroke treatment  | Pham Minh Thong                                 |
| 09:30 am  | The role of MRI in acute stroke treatment   | Pasquale Mordasini                              |
| 10:00 am  | <b>Break</b>  |   |
| <b>Session on patients' selection</b>   |   |   |
| 10:30 am  | EVT: does time, NIHSS, infarct core and age matter?<br>E-Voting   | Rajsrinivas Parthasarathy                       |
| 11:00 am  | EVT: does it also work in the posterior circulation?<br>E-Voting  | Jan Gralla                                      |
| 11:30 am  | EVT: complex stroke treatment and tandem lesions<br>E-Voting  | Pasquale Mordasini                              |
| 12:00 am  | EVT: intracranial stenosis (acute and chronic)  | Cuong Tran Chi                                  |
| 12:30-01:30 pm  | Meeting of the Faculty (AAFITN, WFITN, ESO and ESMINT)  | Neuroradiologist Faculty<br>Neurologist Faculty |
| <b>Afternoon: separate program for neuroradiologists and neurologists</b>   |   |   |
| 01:30 pm  | Neurologists<br><br>Clinical training in advanced neuroimaging (4 groups)<br>Others: see specific topics            | Neurologist Faculty                             |
| 02:00 pm  | Neuroradiologists<br><br>Skills training in interventional neuroradiology (4 groups)<br>Others: see specific topics | Neuroradiologist Faculty                        |
| 04:00 pm  | <b>Break</b>  |   |
| 04:30 pm  | Neuroradiologists<br>Skills training in interventional neuroradiology (4 groups)<br>Others: see specific topics     | Neuroradiologist Faculty                        |
| 04:30 pm  | Neurologists<br><br>Clinical training in advanced neuroimaging (4 groups)<br>Others: see specific topics            | Neurologist Faculty                             |

### Thursday 20th June 2019

| <b>Topic</b> Treatment on the edge settings<br><b>Chair:</b> Urs Fischer - Kittipong Srivatanakul- Sirintara Pongpech |   |   |
|---|---|---|
| <b>Difficult clinical settings</b>  |   |   |
| 08:00 am  | Pregnancy and stroke: A dilemma<br>E-Voting   | Valeria Caso  |
| 08:30 am  | Pediatric strokes: Be aware!<br>E-Voting  | Urs Fischer   |
| 09:00 am  | Management of patients with cervical and intracranial artery dissection<br>E-Voting                                 | Cuong Tran Chi  |
| 09:30 am  | Neurosurgery and stroke: Where are indications for intervention<br>E-Voting   | Kittipong Srivatanakul  |
| 10:00 am  | <b>Break</b>  |   |
| 10:30 am  | Hot topic: To bridge or not to bridge<br>E-Voting   | Pasquale Mordasini  |
| 11:00 am  | Hot topic: How and who to train: Stroke physicians and interventionists<br>E-Voting                                 | Sirintara Pongpech  |
| 11:30 am  | Stroke mimics and stroke chameleons:<br>- view of the neurologist<br>- view of the neuroradiologist<br>E-Voting     | Urs Fischer 25 min<br>Uday Limaye 25 min                            |
| 12:15 am  | <b>Lunch</b>  |   |
| <b>Stroke prevention</b>  |   |   |
| 01:15 pm  | Primary and secondary stroke prevention<br>E-Voting   | Rajsrinivas Parthasarathy   |
| 02:00 pm  | <b>Break</b>  |   |
| <b>Afternoon: separate program for neuroradiologists and neurologists</b>   |   |   |
| 02:30 pm  | Neurologists<br><br>Clinical training in advanced neuroimaging (4 groups)<br>Others: see specific topics            | Neurologist Faculty   |
| 02:30 pm  | Neuroradiologists<br><br>Skills training in interventional neuroradiology (4 groups)<br>Others: see specific topics | Neuroradiologist Faculty<br>Jan Gralla<br>Sobri Muda<br>Uday Limaye |
| 04:30 pm  | <b>Break</b>  |   |
| 05:00 pm  | Neurologists<br><br>Clinical training in advanced neuroimaging (4 groups)<br>Others: see specific topics            | Neurologist Faculty   |