

23-25 AUGUST 2024
SINGAPORE

SVES
SOCIETY FOR VASCULAR &
ENDOVASCULAR SURGEONS
OF SINGAPORE

CRITICAL ISSUES IN ENDO VASCULAR THERAPY

FRIDAY

23 AUGUST 2024

Venous Symposium 1830-2130

PE and Superficial Venous Algorithms

Anchors: Edward Choke (Singapore), Sriram Narayanan (Singapore)

Penumbra for PE: Patient selection and how I do it	Ahmad Rafizi Hariz (Malaysia)
EKOS for PE: Patient selection and how I do it	Farah Irani (Singapore)
Clinical outcomes of treatment of acute PE with FlowTrieve: Singapore's early experience	Ting-Ting Low (Singapore)
Maximising cosmetic outcomes in superficial venous disease: Laser and other tips	Tjun-Yip Tang (Singapore)
Sclerotherapy: Different options in different clinical scenarios	Sriram Narayanan (Singapore)
Overview of technologies for superficial veins and how do I select	Naresh Govindarajanthran (Malaysia)
Novel technique for angio-guided GSV ablation for recurrent venous ulcers	Jimmy Tan Wei-Hwa (Taiwan)
No hope leg ulcers: What can be done	Sriram Narayanan (Singapore)
Panel Discussions	

DVT Case Presentations

Anchors: Tjun-Yip Tang (Singapore), Ismazizi Zaharudin (Malaysia)

Angiojet for acute DVT	Dexter Chan (Singapore)
Aspirex for acute DVT	Wuttichai Saengprakai (Thailand)
Penumbra in Venous Intervention	Julian Wong (Singapore)
Single session mechanical thrombectomy for acute DVT	En-Ming Yong (Singapore)
How to use IVUS to guide angiojet thrombectomy for extensive DVT	Tien-Yu Wu (Taiwan)
Free floating IVC thrombus: Penumbra technique	Tjun-Yip Tang (Singapore)
Free floating IVC thrombus: Flowtriever technique	Shueh Lim (New Zealand)
Chronic DVTs: Dispelling myths that it cannot be treated	Hai-Yuan Shi (Singapore)
Panel Discussions	

Deep Venous Challenges

Anchors: Shueh Lim (New Zealand), Ahmad Rafizi Hariz (Malaysia)

Deciphering anatomical disease classification to guide deep vein clinical practice	Houman Jalaie (Germany)
Treating NIVL for C3-C6 disease: What is the evidence for this	Ismazizi Zaharudin (Malaysia)
Venous stenting for NIVL: Which types of patient will benefit the most	Houman Jalaie (Germany)
Venous stenting for NIVL: Post procedure care including surveillance, reintervention and anticoagulation strategies	Joseph Lo (Singapore)
Venous aneurysms and principles of open deep venous surgery	Sriram Narayanan (Singapore)
Panel Discussions	

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SATURDAY

24 AUGUST 2024

0825-0830 Introduction & Welcome **Edward Choke (Singapore)**

0830-0900

Symposium 1: Acute limb ischemia

Anchors: Tjun-Yip Tang (Singapore), Jimmy Tan Wei-Hwa (Taiwan)
Panellists: Shueh Lim (New Zealand), Qian-Qian Zhu (China),
Yong-Xin Li (China), Minh Hien Tran (Vietnam), Glenn Tan (Singapore)

Modern management of Acute Limb Ischemia: Endovascular options
Tossapol Prapassaro (Thailand)

Endovascular options for acute on chronic SFA lesions
Kalpana Vijaykumar (Singapore)

Percutaneous Fogarty arterial thrombectomy for acute limb ischemia
Qian-Qian Zhu (China)

Percutaneous mechanical thrombectomy for acute limb ischemia
Ching-Tang Chang (Taiwan)

0900-1000

**Symposium 2: New innovations alongside established technologies:
Exploring bioresorbable scaffolds and biomimetic stents**

Anchors: Edward Choke (Singapore), Ramon Varcoe (Australia)
Panellists: Rajesh Babu Dharmaraj (Singapore), Ismazizi Zaharudin
(Malaysia), Wuttichai Saengprakai (Thailand)

Live Case Transmission from  **Abbott**
Queen Mary Hospital, University of Hong Kong, Hong Kong
Operators: Skyi Pang (Hong Kong), Yiu-Che Chan (Hong Kong)

LIFE BTK RCT - How will this change our CLTI algorithm
Ramon Varcoe (Australia)


Pre-recorded case (SUPERA for complex SFA) **Benjamin Chua (Singapore)**

Plaque modification of calcified vessels with Orbital Atherectomy System
(OAS) **Jia-Sheng Tay (Singapore)**

1000-1100

Symposium 3: Treating CLTI with non-compliant balloons

Anchors: Tze-Tec Chong (Singapore), Masahiko Fujihara (Japan)
Panellists: Benjamin Leong (Malaysia), Saritphat Orrapin (Thailand),
Andrew Choong (Singapore), Pravin Lingam (Singapore)

Live Case Transmission from  **OrbusNeich**
Chinese University of Hong Kong, Hong Kong
Operator: Bryan Yan (Hong Kong)

Optimising lumen gain and reducing recoil of BTK arteries with
non-compliant balloons **Tze-Tec Chong (Singapore)**

Recanalisation strategies: Antegrade, Retrograde, Bidirectional
Edward Choke (Singapore)


Tips and tricks for distal punctures **Lorenzo Patrone (United Kingdom)**

1100-1115 Coffee Break

1115-1215

**Symposium 4: Modern SFA treatment with rotational atherectomy
and DES/DCB**

Anchors: Shin-Chuen Cheng (Singapore), Peter Schneider (USA)
Panellists: Sorracha Rookkapan (Thailand), Joseph Lo (Singapore),
Ankur Patel (Singapore), Naresh Govindarajantran (Malaysia)

Live Case Transmission from  **Boston
Scientific**
Tokyo Bay Medical Centre, Japan
Operator: Tatsuya Nakama (Japan)

What is the evidence for atherectomy as a vessel prep for SFA disease
Jun-Jie Ng (Singapore)

Pre-recorded case (Jetstream atherectomy for complex SFA)
Thatchawit Urasuk (Thailand)

DES or DCB strategies for SFA **Masahiko Fujihara (Japan)**

1215-1300 Lunch

1300-1400

**Symposium 5: Modern SFA options with rotational atherectomy and
paclitaxel coated balloon**

Anchors: Jun-Jie Ng (Singapore), Lorenzo Patrone (United Kingdom)
Panellists: Jimmy Tan Wei-Hwa (Taiwan), Peter Robless (Singapore),
Veera Suwanruangsri (Thailand), Phil Puckridge (Australia)

Live Case Transmission from  **BD**
Siriraj Hospital, Bangkok, Thailand
Operator: Nattawut Puangpunngam (Thailand)

Paclitaxel controversy: How it ended and what harm did it cause?
Peter Schneider (USA)

Pre-recorded case (Rotarex S atherectomy for SFA CTO)
Derek Ho (Singapore)

Clinical application of scoring balloon in peripheral vascular intervention
Hsuan-Li Huang (Taiwan)

1400-1500

Symposium 6: Innovations in BTK and BTA treatment

Anchors: Steven Kum (Singapore), August Ysa (Spain)
Panellists: Harvinder Raj Sidhu (Singapore), Benjamin Chua (Singapore),
Narendranadh Meda (India), Lakchai Wichawut (Thailand)

Live Case Transmission from
Tan Tock Seng Hospital, Singapore
Operator: Pua Uei (Singapore)

Pre-recorded case (Phoenix atherectomy for complex BTK)
Jack Ch'ng (Singapore)

BTA interventions: Rationale and current evidence **George Adams (USA)**


Spur Retrievable Scaffold Therapy (RST) for BTK
Lorenzo Patrone (United Kingdom)

1500-1515 Coffee Break

1515-1615

**Symposium 7: Innovations in CLTI: Sirolimus as alternative DCB option
and Laser as alternative calcium modifier**

Anchors: Tjun-Yip Tang (Singapore), George Adams (USA)
Panellists: Chuo-Ren Leong (Singapore), Ulf Teichgraber (Germany),
Ahmad Rafizi Hariz (Malaysia), Tossapol Prapassaro (Thailand)

Live Case Transmission from  **AM**
Sengkang General Hospital, Singapore
Operators: Cheng-Shin Chuen (Singapore),
Kalpana Vijaykumar (Singapore)

Calcium: Changing the compliance with Auryon laser atherectomy
Sorracha Rookkapan (Thailand)


Sirolimus coated balloons: Can it challenge the paclitaxel gold standard
for SFA? **George Adams (USA)**

Sirolimus coated balloons as potential game changer for CLTI - Updates
on Thailand FUTURE RCTs **Boonying Siribumrungwong (Thailand)**

1615-1715

Symposium 8: Deciphering IVUS in order to treat vessels optimally

Anchors: Kiang-Hiong Tay (Singapore), Boonying Siribumrungwong
(Thailand)
Panellists: Suko Adiarto (Indonesia), Terence Teo (Singapore),
Yu-Tong Yen (Taiwan), Siew-Ping Chng (Singapore)

Live Case Transmission from  **PHILIPS**
China Medical University Hospital, Taiwan
Operator: Kevin Hsu (Taiwan)

Deciphering IVUS to optimise patency **Masahiko Fujihara (Japan)**

IVUS to optimise efficacy of DCBs **Saritphat Orrapin (Thailand)**

Optimising BTK therapies with IVUS and OFDI **Masahiko Fujihara (Japan)**

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CRITICAL ISSUES IN ENDOASCULAR THERAPY

SUNDAY

25 AUGUST 2024

0830-0930

Symposium 9: Advanced Algorithms (Iliac, CFA and SFA)

Anchors: Andrew Choong (Singapore), Peter Schneider (USA)
Panellists: Supachai Chanvitan (Thailand), Tien-Yu Wu (Taiwan),
Hao-Yun Yap (Singapore), Darryl Lim (Singapore), Terence Teo (Singapore)

Time is tissue: How fast should we revascularise CLTI patients
[Jack Ch'ng \(Singapore\)](#)

Aortoiliac disease - Tips and tricks for CERAB [Nattawut Puangpungam \(Thailand\)](#)

BMS or covered stents for iliacs: And do you always need to stent?
[Ankur Patel \(Singapore\)](#)

Endovascular therapy for TASC D aortoiliac occlusions: Taiwan experience
[Jimmy Tan Wei-Hwa \(Taiwan\)](#)

Endovascular options for CFA disease [Masahiko Fujihara \(Japan\)](#)

My strategies for hybrid repair of CFA [Chuo-Ren Leong \(Singapore\)](#)

How to cross long SFA CTOs [Rajesh Babu Dharmaraj \(Singapore\)](#)

Panel Discussions

0930-1030

Symposium 10: Advanced Algorithms (SFA and popliteal)

Anchors: Ramon Varcoe (Australia), Jen-Kuang Lee (Taiwan)
Panellists: Chinapath Vuthivanich (Thailand), Pua Uei (Singapore),
August Ysa (Spain), Lawrence Quek (Singapore)

My strategies for use of self expanding covered stents for SFA
[Ravi Huilgol \(Australia\)](#)

Why SFA stents fail and how do we prevent and manage it?
[Veera Suwanruangsri \(Thailand\)](#)

Renal CLTI patients with SFA disease: Rationale for why stenting is the
preferred option [Wei-Chung Hiah \(Taiwan\)](#)

How to manage flush SFA occlusions [Boonying Siribumrungwong \(Thailand\)](#)

How IVL fits into my daily practice [Lorenzo Patrone \(United Kingdom\)](#)

Stenting popliteal arteries: When, how and what to avoid [Steven Kum \(Singapore\)](#)

Panel Discussions

1030-1050 Coffee Break

1050-1100 SVES Travelling Fellowship Award Presentation

1100-1145

Symposium 11: Advanced Wound Care Therapies

Anchors: Joseph Lo (Singapore), Shin-Chuen Cheng (Singapore)
Panellists: Naresh Govindarajan (Malaysia), Nyityasmono Tri Nugroho
(Indonesia), Minh Hien Tran (Vietnam), Ismazizi Zaharudin (Malaysia),
Phil Puckridge (Australia)

Next-generation negative pressure therapy with instillation: Reviewing
cutting-edge evidence and local experience in complex wound management
[Dexter Chan \(Singapore\)](#)

Woundosome concept for wound healing [Lorenzo Patrone \(United Kingdom\)](#)

Negative pressure wound therapy for CLTI wounds: which modality to use and
when [Kalpana Vijaykumar \(Singapore\)](#)

Strategies to close CLTI wounds: When and how to perform skin grafts and
local flaps [Luke Tay \(Singapore\)](#)

Heel wounds: Do's and don't's for debridements and management
[Pei-Shi Lew \(Singapore\)](#)

Panel Discussions

1145-1230

Symposium 12: Advanced Wound Care Therapies

Anchors: Luke Tay (Singapore), Sadhana Chandrasekar (Singapore)
Panellists: Nutsiri Kittirapong (Thailand), Ahmad Rafizi Hariz (Malaysia),
Sriram Narayanan (Singapore), Tossapol Prapassaro (Thailand)

Provision of diabetic foot service - Perspectives from Malaysia
[Benjamin Leong \(Malaysia\)](#)

Preemptive podiatry care can reduce major amputations in diabetic ESRF
patients: Data from over 14,000 US Medicare beneficiaries
[Tze-Woei Tan \(USA\)](#)

How to develop a multidisciplinary cross institution diabetic foot service
[Joseph Lo \(Singapore\)](#)

Offloading for DFU: What you need to know [Narendranadh Meda \(India\)](#)

Managing complex CLTI as day cases successfully: From revascularisation to
wound healing [Benjamin Chua \(Singapore\)](#)

Panel Discussions

1230-1330 Lunch

1330-1345

Symposium 13: Best of Abstracts

Anchors: Edward Choke (Singapore), Rajesh Babu Dharmaraj (Singapore)
Panellists: Ramon Varcoe (Australia), Jen-Kuang Lee (Taiwan),
Nattawut Puanpunngam (Thailand), Masahiko Fujihara (Japan),
Glenn Tan (Singapore)

Medanta's Initial Experience with Mechanical Thrombectomy for Venous
Thromboembolism [Venkata Teja Reddy Kandula \(India\)](#)

A Comparative Outcome Study of Intravascular Ultrasound-Guided Versus
Angiographic-Guided Endovascular Treatment in Chronic Limb-Threatening
Ischemia [Nutnicha Patrayanond \(Thailand\)](#)

1345-1445

Symposium 14: Late Breaking Clinical Trials

Anchors: Edward Choke (Singapore), Rajesh Babu Dharmaraj (Singapore)
Panellists: Ramon Varcoe (Australia), Jen-Kuang Lee (Taiwan),
Nattawut Puanpunngam (Thailand), Masahiko Fujihara (Japan),
Glenn Tan (Singapore)

Long term outcomes of patients with No Option CLTI treated with the LimFlow
procedure - Results of a pioneer program in percutaneous DVA from a single
centre [Steven Kum \(Singapore\)](#)

Final 3 year data from Lutonix SAFE Real world multicenter registry
[Peter Schneider \(USA\)](#)

Sirolimus coated balloon versus Standard Balloon for Dysfunctional AVF -
IMPRESSION Trial [Chieh-Suai Tan \(Singapore\)](#)

Low dose versus high dose paclitaxel coated balloon: 2 Years results of
PROSPECT MONSTER study [Tatsuya Nakama \(Japan\)](#)

Sirolimus coated balloon versus Paclitaxel coated balloon for SFA - SIRONA
Trial [Ulf Teichgraber \(Germany\)](#)

KAIZEN: Safety and Effectiveness Evaluation of Peripheral Orbital Atherectomy
[Tatsuya Nakama \(Japan\)](#)

Discussion

1445-1500 Coffee Break

1500-1600

Symposium 15: Advanced Algorithms (BTK)

Anchor: Dexter Chan (Singapore), Ulf Teichgraber (Germany)
Panellists: Julian Wong (Singapore), Saritphat Orrapin (Thailand), Benjamin
Chua (Singapore), Kalpana Vijaykumar (Singapore), Malcolm Mak (Singapore)

BTK stents: When and where to deploy for best results
[Jen-Kuang Lee \(Taiwan\)](#)

The wire crosses but nothing else does, what to do? [August Ysa \(Spain\)](#)

BTK dissections post POBA: How I manage this [Tatsuya Nakama \(Japan\)](#)

Optimal strategies for stenting complex BTK lesions [Yong-Xin Li \(China\)](#)

Crossing super calcified lesions with the novel BECOST technique
[Nutsiri Kittirapong \(Thailand\)](#)

Popliteal artery trifurcation occlusions: How to overcome this challenging
situation [Saritphat Orrapin \(Thailand\)](#)

Distal embolisation: all my tips and tricks to save the day [August Ysa \(Spain\)](#)

Panel Discussions

1600-1710

Symposium 16: Advanced Algorithms (BTA and DVA)

Anchor: Lorenzo Patrone (United Kingdom)
Panellists: Thatchawit Urasuk (Thailand), Ching-Tang Chang (Taiwan),
Benjamin Leong (Malaysia), Skyi Pang (Hong Kong), Narendranadh Meda (India)

Recanalisation strategies: Extreme Tricks for Below the ankle
[August Ysa \(Spain\)](#)

Distal microembolisation is causing more damage than we think
[Peter Schneider \(USA\)](#)

Crossing the plantar arch: Optimising strategies for successful outcomes
[Lawrence Quek \(Singapore\)](#)

BTA anatomy: what you need to know for BTA interventions
[Pua Uei \(Singapore\)](#)

When to use pDVA and how to manage post DVA [Steven Kum \(Singapore\)](#)

Technical aspects on how we do our pDVAs and what we have learnt at TTSH
[Pua Uei \(Singapore\)](#)

Pushing the envelope: How distal can you go for DVAs [Darryl Lim \(Singapore\)](#)

Panel Discussions