Our Heart For Dialysis

Dialysis Access Synergy
DASy

5 - 7 Oct 2023

Singapore

Contents

Organizing committee

Jackie Ho
Singapore

Lu Mingxi
China

Masaaki Murakami
Japan

Sabrina Haroon
Singapore

Behram Ali Khan
Singapore

Justin Kwan
Singapore

Darryl Lim Mingjun
Singapore

Meng Lingyan
Singapore

Ng Jun Jie
Singapore

Tan Chieh Suai
Singapore

Overseas faculty

Shannon Thomas
Australia

Leonardo Cortizo
Brazil

Fu Qining
China

Shi Yaxue
China

Wang Pei
China

Wang Yufei
China

Wu Chunyan
China

Yue Jianing
China

Yu Zhengya
China

Zhan Shen
China

Robert Shahverdyan
Germany

Law Man Ching
Hong Kong SAR

Skyi Pang
Hong Kong SAR

Virender Sheorain
India

Billy Karundeng
Indonesia

Hiroaki Haruguchi
Japan

Akira Miyata
Japan

Kanako Oka
Japan

Kazuhiro Sato
Japan

Kotaro Suemitsu
Japan

Yoshihiro Yamamoto
Japan

Han Kichang
Korea

Benjamin Leong
Malaysia

Liew Ngoh Chin
Malaysia

Chang Chien Hwa
Taiwan

Ko Po Jen
Taiwan

Ussanee Boonsrirat
Thailand

Keerati Hongsakul
Thailand

Suthas Horsirimanont
Thailand

Nutsiri Kittitirapong
Thailand

Prasopchai Kongsakphaisal
Thailand

Kittipan Rerkasem
Thailand

Boonying Siribumrungwong
Thailand

Withoon Ungkitphaiboon
Thailand

Nicholas Inston
United Kingdom

Local faculty

Chai Chung Cheen
Singapore

Chen Shune
Singapore

Chong Tze Tec
Singapore

Edward Choke
Singapore

Anil Gopinathan
Singapore

Farah Irani
Singapore

Jimmy Kyaw Tun
Singapore

Titus Lau
Singapore

Chirstopher Leo
Singapore

Lew Peishi
Singapore

Tay Hsien Tsung Luke
Singapore

Rahul Lohan
Singapore

Joseph Lo
Singapore

Emmanuel Pelingon
Singapore

Pua Uei
Singapore

Pang Suh Chien
Singapore

Pauline Tan
Singapore

Tan Ru Yu
Singapore

Tay Kiang Hiong
Singapore

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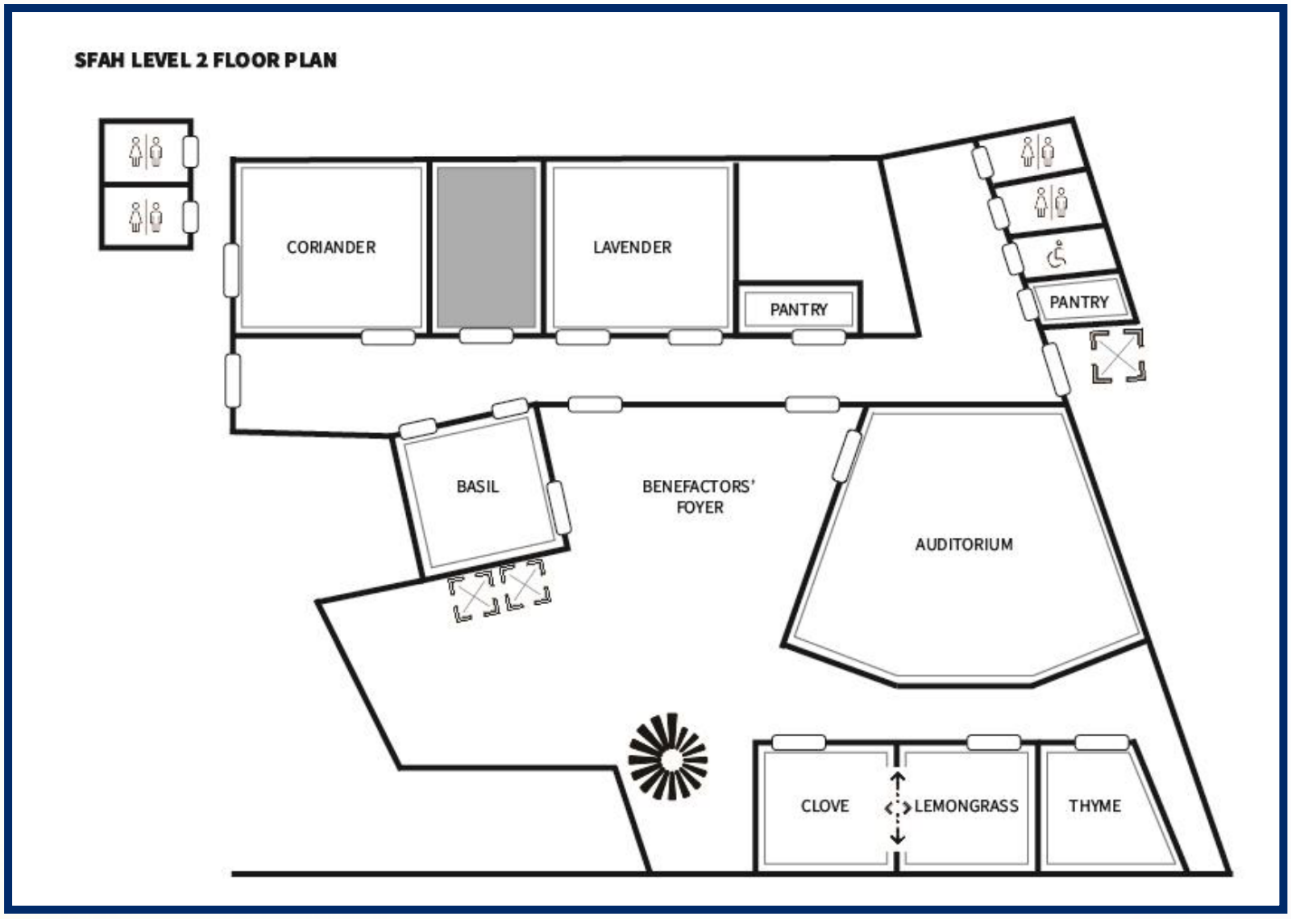
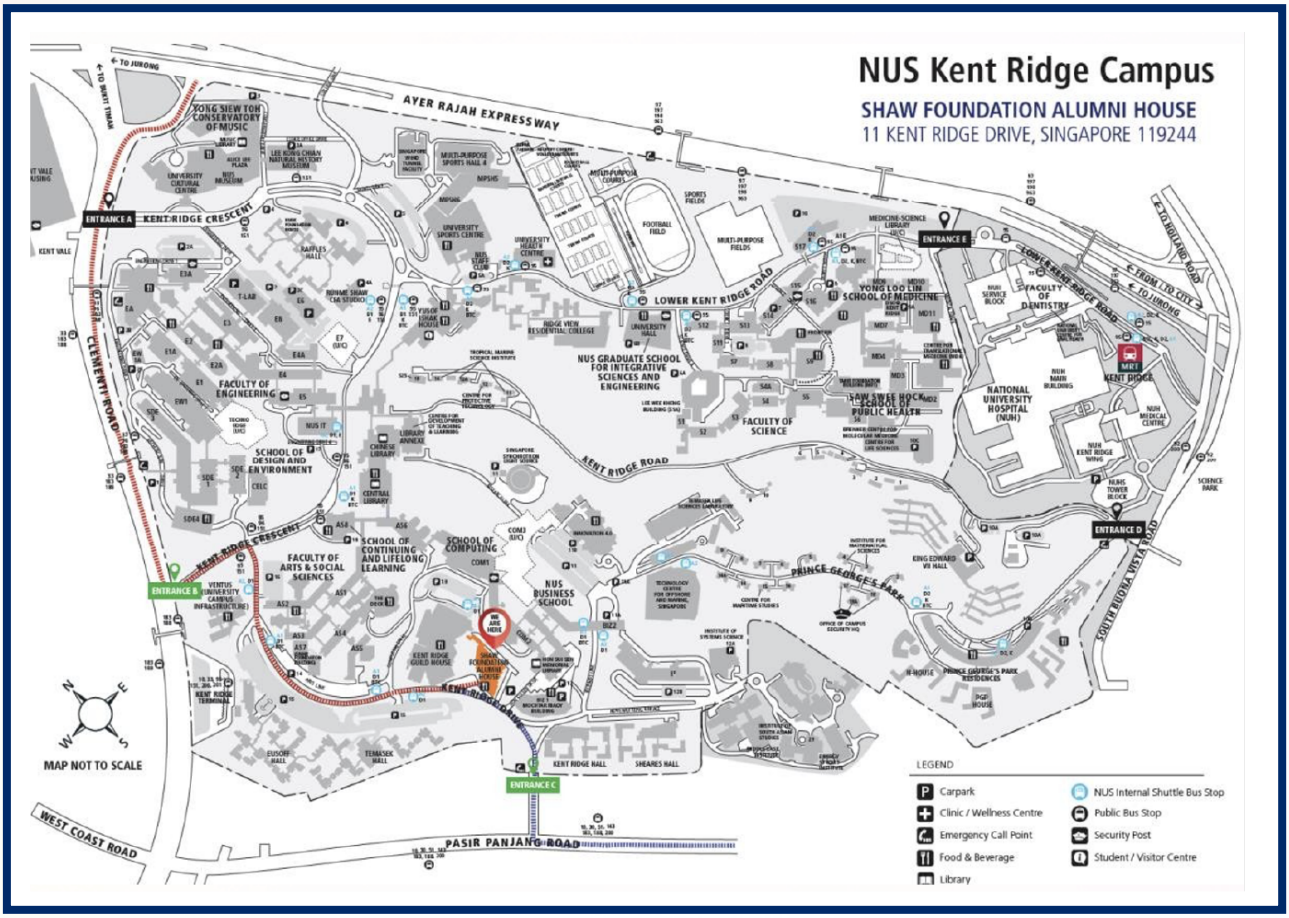
➤ Shaw Foundation Alumni House (SFAH) floor plan & breakout session location

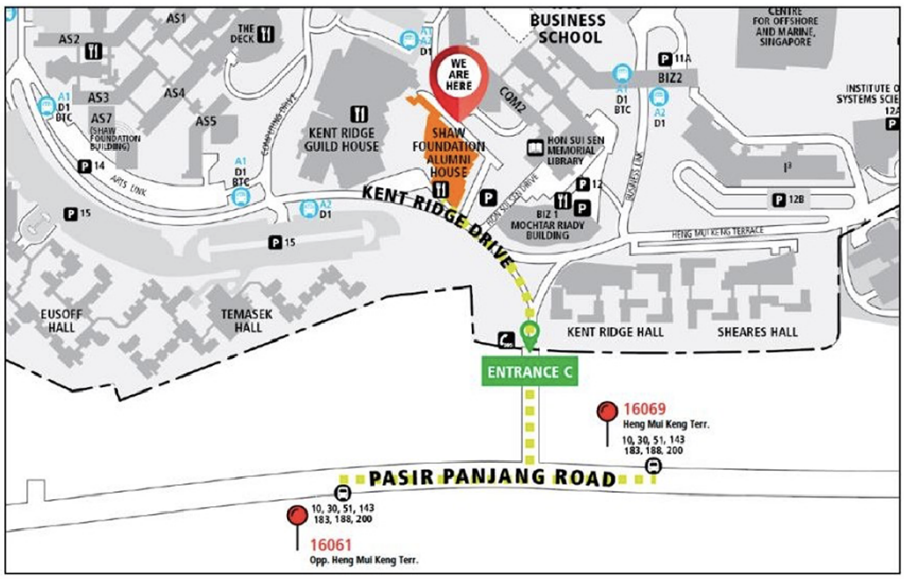


Breakout sessions on 5th Oct (parallel sessions)	Breakout room
Master Class in Endo AVF	Coriander
Master Class in USG guided HD access intervention	Lavender
Master Class in Salvage of thrombosed HD access	Auditorium
CVC insertion hands-on	Clove
USG training course on 8th Oct	Lavender
Faculty preparation room	Basil

➤ SFAH location map, public transportation



GETTING TO NUS SHAW FOUNDATION ALUMNI HOUSE (SFAH)
BY PUBLIC BUS



16061
Opp. Heng Mui Keng Terr.

1 Cross the road and walk straight ahead to Heng Mui Keng Terrace.

16069
Heng Mui Keng Terr.

1 Turn right onto Heng Mui Keng Terrace.

2 Slight left onto Kent Ridge Dr. (Pass by Moctar Riady Building on the right).

3 Cross the road and turn right to SFAH.

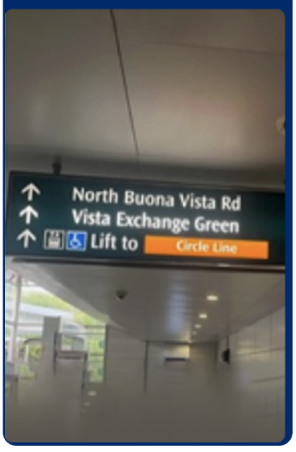
➤ Shuttle arrangement

Date	From	To	Departing Time
5th Oct	Buona Vista MRT station	SFAH (NUS)	12:50
	Park Avenue Rochester	SFAH (NUS)	12:50
	SFAH (NUS)	Park Avenue Rochester/ Buona Vista MRT	17:00
6th Oct	Buona Vista MRT station	SFAH (NUS)	07:40
	Park Avenue Rochester	SFAH (NUS)	07:40
	Park Avenue Rochester / Buona Vista MRT station	SFAH (NUS)	12:00
	SFAH (NUS)	Buona Vista MRT station	19:15
	SFAH (NUS)	Park Avenue Rochester	19:15
7th Oct	Buona Vista MRT station	SFAH (NUS)	08:00
	Park Avenue Rochester	SFAH (NUS)	08:00
	Park Avenue Rochester / Buona Vista MRT station	SFAH (NUS)	12:00
	SFAH (NUS)	Buona Vista MRT station	18:00
	SFAH (NUS)	Park Avenue Rochester	18:00

BUONA VISTA MRT PICK-UP

Exit from Buona Vista Exit C

Turn Left



Walk until you see the taxi and bus pick up

Wait for the shuttle with DASy signage

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Introducing New Athletis™

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Optimized Deliverability to Reach and Treat Challenging Lesions

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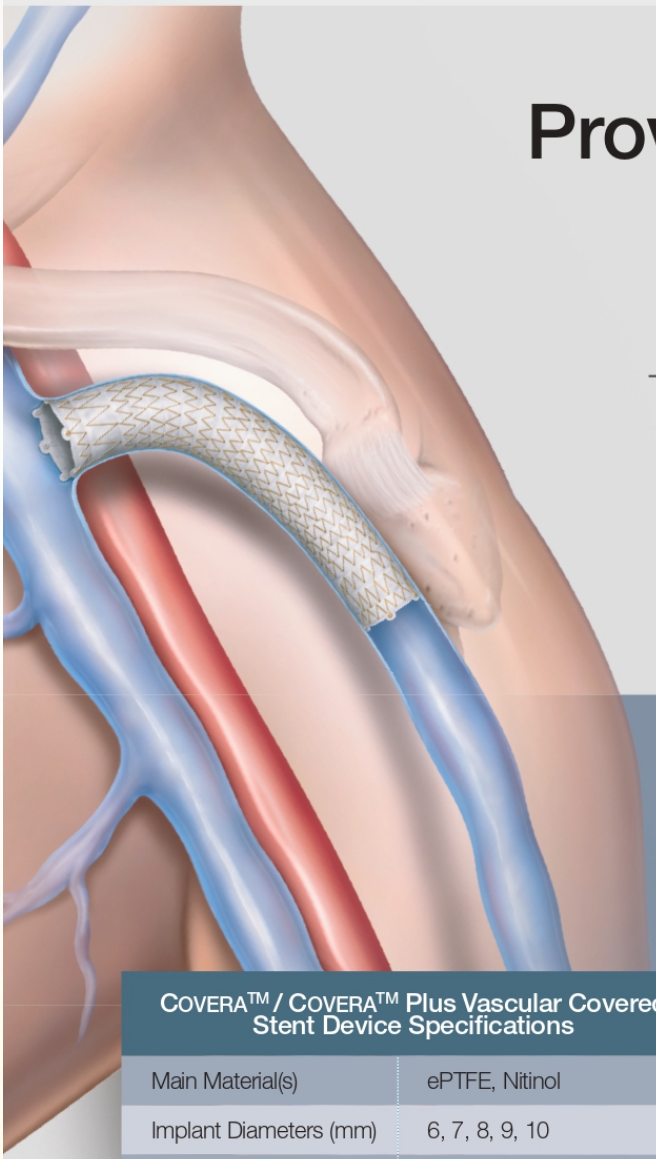
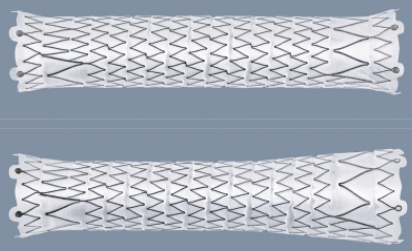
➤ Becton Dickinson (BD) product

COVERED STENTS



Proven Performance through Innovative Design

- Highly flexible and fracture-resistant base stent architecture
- Dual layer ePTFE encapsulation with Carbon impregnation on the luminal surface
- Straight and flared configuration for optimal adaptation to the venous anatomy



COVERA™ / COVERA™ Plus Vascular Covered Stent Device Specifications	
Main Material(s)	ePTFE, Nitinol
Implant Diameters (mm)	6, 7, 8, 9, 10
Implant Lengths (mm)	30*, 40, 60, 80, 100
Configurations	Flared and straight
Guidewire Compatibility	0.035"
Sheath Compatibility	8 F, 9 F
System Working Lengths	80 cm, 120 cm

71% Target Lesion Primary Patency at 6 Months[3]

147 Days Between Interventions to Maintain TLPP[3]

COVERA™ Vascular Covered Stent

COVERA™ PLUS* Vascular Covered Stent

* Only available in straight configuration

3 The AVeVA Clinical Study was a prospective, non-randomized, single arm multi-center study of the COVERA™ Vascular Covered Stent used to treat stenoses at the anastomosis of an arteriovenous graft and outflow vein. 110 patients were treated with the COVERA™ Vascular Covered Stent at 14 investigational sites in the US. Target Lesion Primary Patency (TLPP) of 71%, defined as the interval following the index intervention until the next clinically-driven reintervention at or adjacent to the original treatment site or until the extremity was abandoned for permanent access. AVeVA Clinical Study. Data on File. Bard Peripheral Vascular Inc., Tempe AZ. Complications and Adverse Events associated with the use of the COVERA™ Vascular Covered Stent may include the usual complications associated with endovascular stent and covered stent placement and dialysis shunt revisions.

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➤ Medtronic product

Medtronic

Less invasive, long lasting

Ellipsys™ Vascular Access System

The Ellipsys™ vascular access system offers a single point of venous access that makes AVF creation easier on your ESKD patients.[1]

Clear clinical outcomes

The Ellipsys system is the only one of its kind with five-year U.S. clinical trial data[1,2] demonstrating three critical metrics.

maturation rate at 90 days[1]

functional patency at five years[2]

cumulative patency at five years[2]

1.Hull JE, et al. The pivotal multicenter trial of ultrasound-guided percutaneous arteriovenous fistula creation for hemodialysis access. *J Vasc Interv Radiol.* Feb 2018;29(2):149-158.e5.
2.Hull JE, et al. Long-term results from the pivotal multicenter trial of ultrasound-guided percutaneous arteriovenous fistula creation for hemodialysis access. *J Vasc Interv Radiol.* 2022. https://doi.org/10.1016/j.jvir.2022.05.016.

➤ DK MEDTECH product

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PTA Scoring Balloon

DKutting <<<

High Pressure · Scoring

Dissolve AV™

Peripheral Scoring DCB

>>> Dissolve AV

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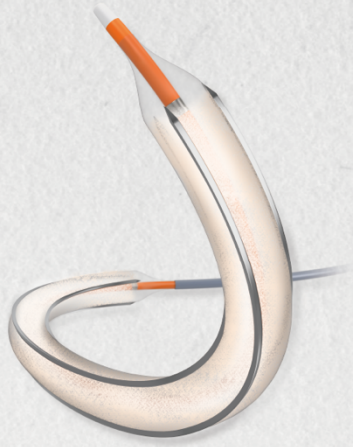

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➤ Program

≫ 3 Master classes and one hands-on practice station (5th Oct 2023)

- Hand-on practice of tunnelled CVC insertion (Practice insertion of tunneled CVC under USG guidance over manikin)

Faculty: Boonying Siribumrungwong, Withoon Ungriphaiboon

• Master class in USG guided HD access intervention

Chair: Lu Mingxi, Masaaki Murakami
Panel: Kazuhiro Sato, Zhan Shen, Kotaro Suemitsu

Time (Q&A duration)	Speaker	Topic
1330-1332	Lu Mingxi	Welcome and introduction
1332-1344 (6 mins)	Zhan Shen	Guidewire and catheter selection for USG guided HD access intervention
1350 -1402 (6 mins)	Kazuhiro Sato	Step by step demo of USG guided dysfunctional HD access intervention (with recorded videos)
1408-1420 (6 mins)	Kotaro Suemitsu	Access pathology assessed by USG and their behaviour and response to treatment
1426-1438 (6 mins)	Zhan Shen	Treatment of access CTO
1444-1456 (6mins)	Lu Mingxi	USG guided Stenting of access lesion - how to do it accurate and safe
3:02-3:30		*Tea Break*
1530-1542 (6mins)	Kazuhiro Sato	USG guided salvage of thrombosed HD access
1548-1613	Lu Mingxi	Case discussion (recorded case)
1613-1625 (6mins)	Lu Mingxi	Selection and usage of biopsy forceps for residual thrombus
1631-1646 (5mins)	Masaaki Murakami	Complications and pitfalls of USG guided access intervention
1651-1656		Overall discussion
1656-1658	Masaaki Murakami	Closing remarks

• Master class in salvage of thrombosed HD access

Chair: Justin Kwan, Darryl Lim, Ng Jun Jie
Panel: Keerati Hongsakul, Lew Peishi, Skyi Pang, Yue Jianing

Time (Q&A duration)	Speaker	Topic
1300-1302	Justin Kwan, Darryl Lim, Ng Jun Jie	Welcome and introduction
1332-1342 (5mins)	Skyi Pang	Clinical and ultrasound assessment of thrombosed AV access
1347-1357 (5mins)	Yue Jianing	Selecting the best strategy in thrombosed AV access salvage – open or endovascular?
1402-1412 (5mins)	Keerati Hongsakul	Managing complications in thrombosed AV access salvage
1417-1425 (5mins)	Justin Kwan	Salvage end-point assessment
1430-1438 (5mins)	Ng Jun Jie	Postoperative management of thrombosed AV access
1443-1458	All	Overall discussion
3:00-3:30		*Tea break*
15:30-15:55	Justin Kwan	Recorded case – Percutaneous thrombolysis/catheter directed thrombolysis of thrombosed AV access
15:55-16:20	Lew Peishi	Recorded case – Percutaneous rheolytic/mechanical thrombectomy of thrombosed AV access
16:20-16:45	Ng Jun jie	Recorded case – Open surgical thrombectomy of thrombosed AV access
16:45-17:00	Justin Kwan, Darryl Lim, Ng Jun Jie	Discussion and summary of learning points

• Master class in Endo AVF

Chair: Robert Shahverdyan, Tan Chieh Suai
Panel: Edward Choke, Chong Tze Tec, Jackie Ho, Rahul Lohan, Pang Suh Chien, Tay Kiang Hiong

Time (Q&A duration)	Speaker	Topic
1330-1332	Tan Chieh Suai, Robert Shahverdyan	Welcome and introduction
1332-1340 (6mins)	Rahul Lohan	Current options of Endo AVF devices
1346-1354	Edward Choke	Good case of WavelinQ Endo AVF creation – ulnar artery and ulnar vein
1354-1402	Tay Kiang Hiong	Good case of WavelinQ Endo AVF creation – radial artery and radial vein
1402-1410	Chong Tze Tec	Good case of Ellipsys Endo AVF creation
1410-1418	All faculty	Discussion
1418-1426 (6mins)	Robert Shahverdyan	How to screen patient for suitability of Endo AVF creation
1432-1452	Robert Shahverdyan / Jackie Ho	Live screening of upper limb vessels
1452-1530		*Tea break*
1530-1540	Tay Hsien Tsung Luke	Endo AVF maturation assessment and maturation assist procedure
1540-1548	Pang Suh Chien	Facilitate cannulation for Endo AVFs
1548-1556	All faculty	Discussion
1556-1606	Tay Kiang Hiong	Challenging conditions in Endo AVF – intra-op
1606-1616	Rahul Lohan	Challenging conditions in Endo AVF – post maturation
1616-1624	All faculty	Discussion
1624-1632	Tan Chieh Suai	Pearls of case selection to maximize Endo AVF success
1632-1638	Jackie Ho	Building the EndoAVF service
1638-1646	All faculty	Discussion – Pearls and advice on successful EndoAVF
1646-1715		Hands-on practice of Mantice EndoAVF procedure

6th Oct 2023 Friday Main Conference (08:15 – 17:50)

≫ Main conference Day 1 (6th Oct 2023-AM)

Session 1: Preparation for the expanding wave of Dialysis access demand

Chair: Liew Ngoh Chin, Wong Weng Kin Panel: Chai Chung Cheen, Ko Po Jen, Behram Ali Khan, Titus Lau Total time: 102 mins		
Time (Q&A session)	**Speaker**	**Topic**
0820-0828 (4mins)	Kittipan Rerkasem	Training dialysis access surgeons to catch up the demand
0832-0840 (4mins)	Prasopchai Kongsakphaisa	"High speed production" of AVFs
0844-0852 (4mins)	Ussanee Boonsrirat	Streamline PD initiation and encourage higher uptake of PD
0856-0904 (4mins)	Wu Chunyan*	Training dialysis nurses as the frontline to safeguard HD access
0908-0916 (4mins)	Emmanuel Pelingon	Vascular sonographer – an important team player in HD access service
0920-0928 (4mins)	Billy Karundeng	Endovascular salvage of dysfunctional HD access under restricted healthcare resources
0932-0940 (4mins)	Lu Mingxi	Solely USG guided HD access salvage to minimize healthcare cost
0944-0952 (4mins)	Masaaki Murakami	Brachial artery transposition as an economic way of managing central vein obstruction
0956-1002	All Faculty	Overall discussion

**Virtual speaker*

Tea break: 10:02-10:17(15mins)

Session 2: Tunneled Catheter for HD

Chair: Anil Gopinathan, Virender Sheorain Panel: Farah Irani, Kazuhiro Sato, Wong Weng Kin Total time: 66 mins		
Time (Q&A session)	**Speaker**	**Topic**
1017-1047	Suthas Horsirimanont Nutsiri Kittitirapong [Live from Bangkok]*	Live case (Crossing central vein obstruction and tunneled CVC insertion)
1047-1055 (4mins)	Akira Miyata*	When tunneled catheter considered a favorable access option
1059-1107 (4mins)	Withoon Ungkitphaiboon	Managing fibrin sheath of tunneled CVC
1111-1119 (4mins)	Jimmy Kyaw	Controversies in the management of TDC complications

**Virtual speaker*

Session 3: Manage central vein obstruction

Chair: Jackie Ho, Farah Irani Panel: Chang Chien Hwa, Skyi Pang, Virender Sheorain Total time: 65 mins		
Time (Q&A session)	**Speaker**	**Topic**
1125-1201	Shi Yaxue, Boonying Siribumrungwong, Jackie Ho	Case discussion
1201-1216	Keerati Hongsakul	Central vein CTO intervention (recorded case)
1216-1224	Benjamin Leong	Danger of treating central vein obstruction
1224-1230	All Faculty	Discussion

• Lunch symposium (Becton Dickinson BD)- 1240-13:40HR

Chair: Tan Chieh Suai, Jackie Ho
Panel: Nick Inston, Kazuhiro Sato, Boonying Siribumrungwong

Time (Q&A)	Speaker	Topic
Access creation		
1240-1249 (4mins)	Kotaro Suemitsu	Optimizing HD access with Symmetric Tip Chronic Dialysis Catheter
1253-1302 (4mins)	Chong Tze Tec	From learning to mastering EndoAVF system : Singapore experience
	Restoration	
1306-1315 (4mins)	Virender Sheorain	Ultra Non-compliant balloon as First Choice for AV access stenosis
	Maintenance	
1319-1328 (4mins)	Chang Chien Hwa	Covered stents in Dysfunctional AV access: Guidelines to Real World Practice

• Main conference Day 1 (6th Oct 2023-PM)

Session 4: Achieving high HD access success

Chair: Benjamin Leong, Shi Yaxue Panel: Nick Inston, Yue Jianing, Liew Ngoh Chin, Boonying Siribumrungwong, Yu Zhengya Total time: 60mins		
Time (Q&A session)	**Speaker**	**Topic**
1350-1358	Prasopchai Kongsakphaisa	Tips and tricks to ensure a high AVF success rate
1358-1406	Kittipan Rerkasem	Is limb exercise effective in promoting AVF maturation?
1406-1414	Lingyan Meng	Risk score for failure-to-mature
1414-1420	All Faculty	Discussion
1420-1428	Shannon Thomas	AVF maturation with adjuvant endovascular maturation
1428-1436	Masaaki Murakami	Simultaneous RC AVF creation and brachial artery transposition to maximize functional success
1436-1444	Robert Shahverdyan	Value of external skeleton on AVF maturation
1444-1450	All Faculty	Discussion

Session 5: HD access salvage part 1

Chair: Jackie Ho, Lu Mingxi Panel: Fu Qining, Hiroaki Haruguchi, Kazuhiro Sato, Boonying Siribumrungwong Total time: 50 mins		
Time (Q&A session)	**Speaker**	**Topic**
1452-1514	Wang Pei / Wang Yufei [Live case from Zhengzhou*]	Live case - USG guided thrombosed access salvage
1514-1522	Kotaro Suemitsu	Effect of DCB on different USG morphology lesions
1522-1530	Hiroaki Haruguchi	Tips and tricks of USG guided crossing difficult AVF inflow lesions
1530-1538	Lu Mingxi	USG guided stenting for HD access
1538-1542	All Faculty	Discussion

**Virtual speaker*

Tea break: 15:42-16:00 (18 mins)

Session 6: HD access salvage Part 2

Chair: Ng Jun Jie, Zhang Kun Da Panel: Nick Inston, Billy Karundeng, Rahul Lohan, Skyi Pang, Virender Sheorain Total time: 107mins		
Time (Q&A session)	**Speaker**	**Topic**
1600-1613	Han Kichang*	Salvaging big size fistula thrombosis (Case discussion format)
1613-1623	Hiroaki Haruguchi	USG guided thrombosed AVF salvage
1623-1631	Yue Jianing	Push and pull method to handle HD access thrombosis
1631-1637	All Faculty	Discussion
1637-1645	Boonying Siribumrungwong	Covered stent for access salvage
1645-1653	Yoshihiro Yamamoto* /Masaaki Murakami	Stent-graft for failing AVG vs surgical bypass
1653-1701	Virender Sheorain	5-year outcome of covered stent for failing Basilic vein transposition
1701-1709	Zhan Shen	Combination of Covered stent & AVG for salvage
1709-1715	All Faculty	Discussion
1715-1723	Keerati Hongsakul	DES vs Biomimic stent for AVG outflow obstruction
1723-1731	Chang Chien Hwa	Surgical radial artery deviation and re-implantation (RADAR) for resistant AVF juxta-anastomosis stenosis
1731-1739	Yu Zhengya	Surgical salvage for cephalic arch stenosis
1739-1747	All Faculty	Discussion

**Virtual speaker*

- **Welcome reception and networking (SFAH):**

18:00 – 19:00

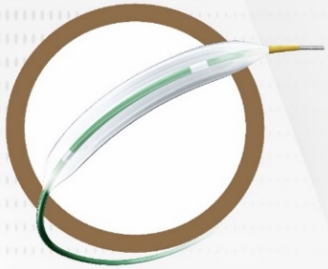
Main conference Day 2 program and USG training course

- continue on page 27 -

cNovate MEDICAL

ALCARE 百利

Full Sizes Of Workhorse PTA Portfolio



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≫ Main conference Day 2 (7th Oct 2023-AM)

Session 1: Advances in Nursing care for Dialysis access

Chair: Lillian Lou, Christopher Leo Panel: Chai Chung Cheen, Titus Lau, Pauline Tan, Zhan Shen Total time: 48mins		
Time (Q&A session)	**Speaker**	**Topic**
0830-0838 (4mins)	Chen Shune	Value of USG guided cannulation of HD access
0842-0850 (4mins)	Lillian Lou	Dialysis nurses shouldering Vascular Access patient education
0854-0902 (4mins)	Pauline Tan	Nocturnal dialysis service to facilitate patients' lifestyle
0906-0914 (4mins)	Kanako Oka	Benefit and safety of patients using plastic cannula based on evidence.

Session 2: Data speaks

Chair: Ko Po Jen, Lu Mingxi Panel: Shannon Thomas, Yu Zhengya Total time: 20 mins		
Time (Q&A session)	**Speaker**	**Topic**
0920-0927	Ng Jun Jie	How is thrombosed HD access impact on the clinical service?
0927-0934	Tan Chieh Suai	Value driven care for thrombosed vascular access
0934-0940	All Faculty	Discussion

Session 3: Endo AVF

Chair: Robert Shahverdyan, Tan Chieh Suai Panel: Edward Choke, Rahul Lohan, Tay Kiang Hiong Total time: 64 mins		
Time	**Speaker**	**Topic**
0942-0950	Tay Kiang Hiong	Current EndoAVF technology and patient selection
0950-0958	Robert Shahverdyan	5 years data of Endo AVF, how it compares to surgical AVF?
0958-1006	Chong Tze Tec	How does Endo AVF fit into current vascular access services
1006-1014	All Faculty	Discussion
1014-1022	Tan Chieh Suai	Lessons learnt from Endo AVF program
1022-1030	Pua Uei*	Challenges in EndoAVF – during and after creation
1030-1038	Nick Inston	Challenges of maturation and maintenance of endo AVF
1038-1046	All Faculty	Discussion

**Virtual speaker*

Tea break: 10:46-11:06 (20min)

Session 4: Out-of-the-box solution

Chair: Skyi Pang, Yue Jianing Panel: Benjamin Leong, Rahul Lohan, Ng Jun Jie, Zhang Kun Da Total time: 48 mins		
Time (Q&A session)	**Speaker**	**Topic**
1106-1114 (4mins)	Leonardo Cortizo* (SAVE Brazil Dialysis Access Symposium)	Out of the solutions for central venous occlusion
1118-1126 (4mins)	Nick Inston	Un-usual configuration of Endo AVF
1130-1138 (4mins)	Shannon Thomas	BYBAND procedure for high flow AVFs
1142-1150 (4mins)	Jackie Ho	Fly-over resistant CTO lesions in HD access

**Virtual speaker*

Session 5: Dialysis @ Home

Chair: Behram Ali Khan, Wong Weng Kin Panel: Ussanee Boonsrirat, Chai Chung Cheen, Liew Ngoh Chin, Pauline Tan Total time: 70 mins		
Time (Q&A session)	**Speaker**	**Topic**
1156-1204 (5mins)	Behram Ali Khan	Provision of cost effective and innovative PD systems in Singapore—An orphaned project
1209-1217	Titus Lau	Building up home hemodialysis program in Singapore
1217-1225	Law Man Ching*	Fitting home HD to a compact living environment
1225-1233	Sabrina Haroon	Vascular access management in home hemodialysis
1233-1241	Jasmin Wong	Technology to give more freedom of lifestyle for HD patients
1241-1249	Behram Ali Khan	How to ensure smooth switching between PD and HD?
1249-1258	All Faculty	Discussion

**Virtual speaker*

• Lunch symposium (Boston Scientific): 13:05-14:05HR

Chair: Masaaki Murakami, Jackie Ho
Panel: Billy Karundeng, Skyi Pang, Shi Yaxue

Time (Q&A)	Speaker	Topic
1305-1314 (4mins)	Fu Qining	Optimal treatment for cephalic arch restenosis single center experience
1318-1327 (4mins)	Kotaro Suemitsu	Athletis – its features and usage in HD access intervention
1331-1340 (4mins)	Tan Ru Yu	Ranger DCB for dysfunctional AVF/AVG – SGH experience
1344-1353 (4mins)	Keerati Hongsakul	Clinical effectiveness of Eluvia DES in dysfunctional AVF

• Main conference Day 2 (7th Oct 2023-PM)

Session 6: New technology & innovation

Chair: Ko Po Jen, Shannon Thomas Panel: Keerati Hongsakul, Joseph Lo, Boonying Siribumrungwong, Kotaro Suemitsu Total time: 48 mins		
Time (Q&A session)	**Speaker**	**Topic**
1415-1422 (5mins)	Ko Po Jen	Patient-owned device for access care
1427-1434 (5mins)	Lu Mingxi	Mobile solution for access data collection
1439-1446 (5mins)	Fu Qining	Novel biological graft for HD access
1451-1458 (5mins)	Robert Shahverdyan	2nd generation Endo AVF

Session 7: Competition

Judges: Ko Po Jen, Liew Ngoh Chin, Masaaki Murakami, Kittipan Rerkasem, Robert Shahverdyan, Shi Yaxue, Shannon Thomas, Yu Zhengya Moderator: Jackie Ho Total time: 58mins		
Time (Q&A session)		
1505-1513 (10mins)	Contestant 1	
1523-1531 (10mins)	Contestant 2	
1541-1549 (10mins)	Contestant 3	
1559-1603		Prize presentation

Tea break: 16:05-16:20 (15 mins)

Session 8: Comprehensive & streamline service for dialysis access

Chair: Christopher Leo Panel: Ussanee Boonsrirat, Hiroaki Haruguchi, Joseph Lo, Pang Suh Chien Total time: 42 mins		
Time (Q&A session)	**Speaker**	**Topic**
1620-1627 (5mins)	Tan Ru Yu	Empowering community dialysis nurses to declot tunneled catheter to minimize hospitalization
1632-1639	Withoon Ungkitphaiboon	Specialized centre providing all patients need for their dialysis access
1639-1646	Pang Suh Chien	Multi-disciplinary Dialysis Access centre in the tertiary hospital
1646-1653	Robert Shahverdyan	Streamline thrombosed HD access salvage in fully equipped specialized Dialysis Access Centre
1653-1702	All Faculty	Discussion

Session 9: Nightmares to remember

Chair: Shannon Thomas Panel: Ko Po Jen, Masaaki Murakami Total time: 39 mins		
Time (Q&A session)	**Speaker**	**Topic**
1704-1712 (5mins)	Liew Ngoh Chin	
1717-1725 (5mins)	Jackie Ho	
1730-1738 (5mins)	Robert Shahverdyan	

Closing remarks

≫ USG training course of HD access evaluation and cannulation 8th Oct

Course faculty: Chai Chung Cheem, Jenny Chen Shu Ne, Chia Shi Qi, Jackie Ho, Koh Qiu Mei, Christopher Leo, Chancy Lim, Lingyan Meng, Emmanuel Pelingon

Time (Q&A session)	Speaker	Topic
0830-0840	Jackie Ho	Welcome and introduction
0840-0852 (5mins)	Koh Qiu Mei	Understanding USG & basic operations of USGmachine
0857-0903 (5mins)	Chai Chung Cheen	Anatomy and physiology of hemodialysis accesscircuit
0908-0916 (5mins)	Jackie Ho	Clinical examination of HD access – healthy anddiseased accesses
0921-0927 (5mins)	Jenny Chen Shu Ne	Adopting USG skill for HD access
0932-1012	All Faculty	Hands-on practice of USG (perform USG amongthe participants) Each participant ~ 10 mins
1012-1030		*Tea break*
1030-1045 (5mins)	Emmanuel Pelingon	USG assessment of HD access - good and dysfunctional access
1050-1058 (5mins)	Jenny Chen Shu Ne	Application of USG in my daily practice in dialysiscentre
1103-1115 (5mins)	Christopher Leo	USG guided access cannulation
1120-1320	All Faculty	Hands-on practice of USG HD access assessment& USG guided cannulation
1320-1330	All Faculty	Assessment

Our Heart For Dialysis

DASy 2024 will be in Malaysia!

Save the date

KLVAC with DASy 2024

13 -15 September 2024, Malaysia