

Wednesday, 15. April 2026

Workshop

4: Circulation

Wednesday, April 15, 2026, 08:30 - 11:30

WS.04.01 - Case Based TTE Masterclass Part 1 (BASIC)

♦ **Max No. participants:** 20

♦ **Price:** US\$ 150 | **Reduced Fee:** US\$ 70

Workshop Instructor: Olfa Hamzaoui (Reims, France)

Workshop Instructor: Wincy Ng (Hong Kong, Hong Kong SAR, China)

Workshop

4: Circulation

Wednesday, April 15, 2026, 13:00 - 17:00

WS.04.02 - Case Based TTE Masterclass Part 2 (ADVANCED)

Description:

Advanced transthoracic echocardiography is extremely useful in assessing hemodynamic status and guiding management in patients with circulatory compromise. This case-based TTE masterclass serves to provide an overview of commonly encountered cardiovascular diseases in resource-limited settings, including rheumatic valvular disease, endocarditis, acute myocardial infarction, peripartum cardiomyopathy, and much more. Our workshop instructors will involve you in detailed discussion in each category of cardiovascular diseases through numerous case studies. Strategies for image interpretation in 2D images and Doppler measurements including pulsed-wave doppler, continuous-wave doppler, and tissue doppler will be provided.

Learning Objectives:

1. To develop pattern recognition for commonly seen cardiovascular diseases seen in resource-limited settings.
2. To strengthen image interpretation skills in with limited advanced imaging facilities.
3. To understand the limitation and common pitfalls of TTE as diagnostic tools in resource-limited settings.

♦ **Max No. participants:** 20

♦ **Price:** US\$ 200 | **Reduced Fee:** US\$ 95

Workshop Lead: Michelle Chew (Linköping, Sweden)

Workshop Instructor: Wincy Ng (Hong Kong, Hong Kong SAR, China)

Workshop Instructor: Olfa Hamzaoui (Reims, France)

Thursday, 16. April 2026

Lecture Session

4: Circulation

Thursday, April 16, 2026, 09:45 - 10:45

O.04.01 - Pulmonary HTN In Non-Cardiac Surgery

Chair: Palesa Motshabi (Johannesburg, South Africa)

O.04.01.1	Introduction	09:45 - 09:47
O.04.01.2	Pathophysiology of haemodynamic instability during anaesthesia in patients with pulmonary hypertension Speaker: Kumudini Ranatunga (Colombo, Sri Lanka)	09:47 - 10:02
O.04.01.3	How to identify the patient at risk for RV failure: the importance of echocardiography	10:02 - 10:17
O.04.01.4	Strategies to optimise the failing RV Speaker: Hilary Grocott (Vancouver, Canada)	10:17 - 10:32
O.04.01.5	Question and Answer - Panel	10:32 - 10:45

Lecture Session

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Thursday, April 16, 2026, 10:50 - 12:20

O.04.02 - The Changing Face Of Cardiac Anaesthesia

Chair: Hilary Grocott (Vancouver, Canada)

O.04.02.1	Introduction	10:50 - 10:52
O.04.02.2	The global cardiac anaesthesia workforce survey Speaker: Alexander Mitnacht (Valhalla, United States)	10:52 - 11:15
O.04.02.3	The cardiac anaesthesiologist outside the OR: the EP lab Speaker: Simone Schulein (Vancouver, Canada)	11:15 - 11:38
O.04.02.4	Integrating structural heart disease into your practice Speaker: Stanton Shernan (Boston, United States)	11:38 - 12:01
O.04.02.5	Question and Answer - Panel	12:01 - 12:20

Lecture Session

4: Circulation

Thursday, April 16, 2026, 13:50 - 14:50

O.04.03 - Congenital Heart Disease For Non-Cardiac Surgery

Chair: Alexander Mitnacht (Valhalla, United States)

O.04.03.1	Introduction	13:50 - 13:52
O.04.03.2	CHD in adults: what the non-cardiac anaesthesiologist needs to know Speaker: Simone Schulein (Vancouver, Canada)	13:52 - 14:07
O.04.03.3	CHD in paediatric non-cardiac surgery: avoiding common pitfalls and disasters Speaker: Palesa Motshabi (Johannesburg, South Africa)	14:07 - 14:22
	Echocardiography in adult CHD	14:22 - 14:37

O.04.03.4	Speaker: Stanton Shernan (Boston, United States)	
O.04.03.5	Question and Answer - Panel	14:37 - 14:50
Lecture Session 4: Circulation Thursday, April 16, 2026, 14:55 - 15:55		
O.04.04 - Advanced Haemodynamic Monitoring In The Critically ILL Patient		
Chair: Vanina Edul (Buenos Aires, Argentina)		
O.04.04.1	Introduction	14:55 - 14:57
O.04.04.2	CVP Speaker: Maurizio Cecconi (Milan, Italy)	14:57 - 15:12
O.04.04.3	Advanced monitoring in resource limited settings Speaker: Sheila Myatra (Mumbai, India)	15:12 - 15:27
O.04.04.4	CO monitoring and echocardiography Speaker: Antonio Messina (Milan, Italy)	15:27 - 15:42
O.04.04.5	Question and Answer - Panel	15:42 - 15:55
Lecture Session 4: Circulation Thursday, April 16, 2026, 16:20 - 17:20		
O.04.05 - Vasopressors And Inotropes In Septic Shock - New Directions?		
Chair: Antonio Messina (Milan, Italy)		
O.04.05.1	Introduction	16:20 - 16:22
O.04.05.2	What's new in vasopressors Speaker: Michelle Chew (Linköping, Sweden)	16:22 - 16:37
O.04.05.3	Supporting the heart in sepsis Speaker: Wincy Ng (Hong Kong, Hong Kong SAR, China)	16:37 - 16:52
O.04.05.4	New insights on refractory shock Speaker: Maurizio Cecconi (Milan, Italy)	16:52 - 17:07
O.04.05.5	Question and Answer - Panel	17:07 - 17:20
Lecture Session 4: Circulation Thursday, April 16, 2026, 17:25 - 18:25		
O.04.06 - Septic CM		
O.04.06.1	Introduction	17:25 - 17:27
O.04.06.2	Echocardiographic assessment Speaker: Michelle Chew (Linköping, Sweden)	17:27 - 17:42
O.04.06.3	Vasoactive/Inotropic support Speaker: Olfa Hamzaoui (Reims, France)	17:42 - 17:57
O.04.06.4	Assessment of perfusion treatment Speaker: Vanina Edul (Buenos Aires, Argentina)	17:57 - 18:12

Scientific programme

19th WCA 2026 - 15-19 April 2026, Marrakech, Morocco

O.04.06.5

Question and Answer - Panel

18:12 - 18:25

Saturday, 18. April 2026

Lecture Session

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Saturday, April 18, 2026, 08:30 - 10:00

O.04.07 - Perioperative Haemodynamic Management

Chair: Olfa Hamzaoui (Reims, France)

O.04.07.1	Introduction	08:30 - 08:32
O.04.07.2	Should I care about perioperative hypotension? Speaker: Maurizio Cecconi (Milan, Italy)	08:32 - 08:55
O.04.07.3	Cardiac biomarkers - useful tool or unnecessary expense? Speaker: Michelle Chew (Linköping, Sweden)	08:55 - 09:18
O.04.07.4	Noninvasive cardiac output monitoring	09:18 - 09:41
O.04.07.5	Question and Answer - Panel	09:41 - 10:00

Lecture Session

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Saturday, April 18, 2026, 10:30 - 12:00

O.04.08 - From Venous Return To Practical Fluid Management

Chair: Maurizio Cecconi (Milan, Italy)

O.04.08.1	Introduction	10:30 - 10:32
O.04.08.2	Mean systemic filling pressure Speaker: Maurizio Cecconi (Milan, Italy)	10:32 - 10:55
O.04.08.3	Filling pressures in the heart Speaker: Vanina Edul (Buenos Aires, Argentina)	10:55 - 11:18
O.04.08.4	Predicting fluid responsiveness	11:18 - 11:41
O.04.08.5	Question and Answer - Panel	11:41 - 12:00

PBLD

4: Circulation

Saturday, April 18, 2026, 14:40 - 15:40

PBLD 1

PBLD.04.01 - Cardiac Surgery Associated Acute Kidney Injury (CSA-AKI)

► PBLD Description:

Cardiac Surgery Associated Acute Kidney Injury (CSA-AKI) is a prevalent yet serious complication, with an incidence as high as 30-40%. It is associated with prolonged hospital stays, increased morbidity, progression to chronic kidney disease (CKD) and significantly higher mortality rates.

While CSA-AKI is potentially reversible if detected early, effective risk mitigation strategies are essential. Currently, no pharmacological treatments exist for CSA-AKI, making supportive care and risk factor management the cornerstone for patient care.

► Learning objectives:

- ① Prompt and early identification of CSA-AKI. Understand the role of novel biomarkers in diagnosis.
- ② Identify risk factors for CSA-AKI across pre, intra and post operative periods using different scoring systems to predict susceptibility.
- ③ Apply preventive and management strategies and optimise patient care with knowledge of the bundle approach.

♦ **Max No. participants:** 12

Scientific programme

19th WCA 2026 - 15-19 April 2026, Marrakech, Morocco

◆ Price: US\$ 15

PBLD Moderator: Kumudini Ranatunga (Colombo, Sri Lanka)

Lecture Session

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Saturday, April 18, 2026, 16:05 - 17:05

O.04.09 - From Resuscitation To Deresuscitation

Chair: Chafik El Kettani (Casablanca, Morocco)

O.04.09.1	Introduction	16:05 - 16:07
O.04.09.2	The golden hour Speaker: Chafik El Kettani (Casablanca, Morocco)	16:07 - 16:22
O.04.09.3	Stabilization Speaker: Antonio Messina (Milan, Italy)	16:22 - 16:37
O.04.09.4	Deresuscitation Speaker: Vanina Edul (Buenos Aires, Argentina)	16:37 - 16:52
O.04.09.5	Question and Answer - Panel	16:52 - 17:05

PBLD

4: Circulation

Saturday, April 18, 2026, 16:05 - 17:05

PBLD 1

PBLD TBC

◆ Max No. participants: 12

◆ Price: US\$ 15

Sunday, 19. April 2026