

DIA 04/10/2017						
COPACABANA ROOM (PLENARY) - 500 SEATS (Simultaneous translation: Portuguese, English and Spanish)						
Time	Session 90 min	Session Theme	Moderator(s)	Proposed Speaker	Country	Title
8:30-08:50	Opening Session (1)	State-of-the-Art in Cardiothoracic & Vascular Anesthesia	Carlos Galharido + BSA President + Linda Shore-Lesserson (SCA President)	President (BSA/SCA-ICCVA)	BRA / USA	Opening Ceremony
08:50-09:25				Davy Cheng	CAN	Cardiothoracic and Vascular Surgery & Anesthesia: Past, Present and Future
09:25-10:00				Christopher Troianos	USA	Challenges of Ageing Population in Cardiothoracic & Vascular Anesthesia
10:00-10:30	MORNING BREAK					
10:30-10:50	Session 2	Global Development in Cardiac Surgery and Anesthesia	Maria José Carmona (BRA) + Christopher Troianos (USA)	Peter Rosseel	Netherland	International perspectives on cardiac anesthesia training and certification
10:50-11:10				Nian-Chih Hwang	Singapore	Global benchmarking of cardiac surgical outcomes in different Databases (STS, NHS UK, Asian, Australian, EACTS, CCN)
11:10-11:30				Scott Reeves	USA	Report cards of cardiac Anesthesiologists: Do they affect the outcomes?
11:30-11:50				Tirone David	CAN	Cardiac surgery training and report cards on surgical outcome
11:50-12:00				Discussion		
12:00-13:30	LUNCH					
13:30-13:50	Session 3	Update in Blood and Transfusion Management	Alexandru Gottlieb (USA) + Yatin Metha (India)	James Dinardo	USA	Age of Red Cell: Does younger blood really matter?
13:50-14:10				David Mazer	CAN	Goal-Directed Therapy: Liberal or Restrictive transfusion
14:10-14:30				Ludhmila Hajjar	BRA	New insights into anemia and its management in Cardiac Surgery
14:30-14:50				Linda Shore-Lesserson	USA	Transfusion Guideline and algorithms: Blood component therapy
14:50-15:00				Discussion		
15:00-15:30	AFTERNOON BREAK					
15:30-15:50	Session 4	Challenges in Vascular Surgery and High Risk CAD Patients	Rogean Nunes (BRA) + Davy Cheng (CAN)	PJ Devereaux	CAN	Preoperative assessment and optimization of high risk vascular surgery: POISE I, II and MANAGE trials
15:50-16:10				Enis Donizetti	BRA	GA vs conscious sedation in carotid surgery: outcome different?
16:10-16:30				Alexandru Gottlieb	USA	GA vs regional anesthesia in lower or upper limb vascular surgery
16:30-16:50				Benjamin Drenger	ISRAEL	Perioperative anti-platelet management in patients with PCI stents
16:50-17:00				Discussion		
17:00-19:00	WELCOME DRINK AND OPENING BANQUET					
	Plenary		08 Moderators	14 Speakers		
PBLD Session 07:30-8:20	x		x	x		
BARRA ROOM - 250 SEATS						
Time	Session 90 min	Session Theme	Moderator (s)	Proposed Speaker	Country	Title
8:30-08:50	Opening Session		X	Opening Session		Opening Session
08:50-09:25				Opening Session		Opening Session
09:25-10:00				Opening Session		Opening Session
10:00-10:30	Morning Break					
10:30-10:50	Plenary Session 1		X	Plenary Session 1		Plenary Session 1
10:50-11:10				Plenary Session 1		Plenary Session 1
11:10-11:30				Plenary Session 1		Plenary Session 1
11:30-11:50				Plenary Session 1		Plenary Session 1
11:50-12:00				Plenary Session 1		Plenary Session 1
12:00-13:30	LUNCH					
13:30-13:50	Session 5	Update on Thoracic Anesthesia	Vladimir Černý (CZE) + Luiz Fernando Falcão (BRA)	Peter Slinger	CAN	One Lung ventilation: Tips and new insight
13:50-14:10				Michael Sander	Germany	Dynamic monitoring and the open chest: does it matter?
14:10-14:30				Wanda Popescu	USA	Prevention and management of acute lung injury in thoracic surgery
14:30-14:50				Luiz Fernando Falcão	BRA	Optimal analgesia management in thoracic anesthesia
14:50-15:00				Discussion		
15:00-15:30	Afternoon Break					
15:30-15:50	Session 6	Anesthesia in Pulmonary Hypertensive Patients for Thoracic Surgery	George Djaiani (CAN) + Steven Konstadt (USA)	Karel Cvachovec	CZE	Vascular tone and fluid management
15:50-16:10				Jae-Hyon Bahk	Korea	Anesthetic management for pulmonary thrombo-endarterectomy
16:10-16:30				Mary Beth Brady	USA	Preop assessment and intraoperative management for pulmonary resection
16:30-16:50				Marcelo Gama Abreu	Germany	Lung protective ventilation and pulmonary hypertension
16:50-17:00				Discussion		
17:00-19:00	Wellcome Drink and Opening Banquet					
	Sessions		04 Moderators	08 Speakers		
PBLD Session 07:30-8:20	x		x	x		x
IPANEMA ROOM - 250 SEATS						
Time	Session 90 min	Session Theme	Moderator (s)	Proposed Speaker	Country	Title
8:30-08:50	Opening Session		X	Opening Session		Opening Session
08:50-09:25				Opening Session		Opening Session
09:25-10:00				Opening Session		Opening Session

10:00-10:30	Morning Break					
10:30-10:50	Plenary Session 1		X	Plenary Session 1		Plenary Session 1
10:50-11:10				Plenary Session 1		Plenary Session 1
11:10-11:30				Plenary Session 1		Plenary Session 1
11:30-11:50				Plenary Session 1		Plenary Session 1
11:50-12:00				Plenary Session 1		Plenary Session 1
12:00-13:30	LUNCH					
13:30-13:50	Session 7	Advances in the Interventional Cath Lab	Justiaan Swanevelder (South Africa) + João Henrique Silva (BRA)	Justiaan Swanevelder	S Africa	Anesthesia in the cath lab/hybrid room: New challenges
13:50-14:10				João Henrique Silva	BRA	Anesthesia for electrophysiology interventional procedures
14:10-14:30				Alexander Mitnacht	USA	Perioperative management of cardiac implantable electrical devices
14:30-14:50				Fabio Papa	BRA	Temporary pacemakers: uses and indication
14:50-15:00				Discussion		
15:00-15:30	Afternoon Break					
15:30-15:50	Session 8	Perioperative Echocardiography: Assessment and Decision Making	Marcelo Ramalho (BRA) + Linda Shore-Lesserson (USA)	Albert Perrino	USA	Right and Left Heart Failure Assessment
15:50-16:10				Stephane Lambert	CAN	Mitral Valvular Repair or Replacement Surgery
16:10-16:30				Fabio Guarracino	Italy	Aortic Valvular Repair and Replacement Surgery
16:30-16:50				Burkhard Mackensen	USA	Percutaneous mitral and tricuspid interventions
16:50-17:00				Discussion		
17:00-19:00	Wellcome Drink and Opening Banquet					
	Sessions		04 Moderators	08 Speakers		
PBLD Session 07:30-8:20	x		x	x		x
LEME ROOM - 50 SEATS						
Time	Session 90 min	Session Theme	Moderator (s)	Proposed Speaker	Country	Title
8:30-08:50	Opening Ceremony		X	Opening Session		Opening Session
08:50-09:25				Opening Session		Opening Session
09:25-10:00				Opening Session		Opening Session
10:00-10:30	Morning Break					
10:30-10:50	Plenary Session		X	Plenary Session 1		Plenary Session 1
10:50-11:10				Plenary Session 1		Plenary Session 1
11:10-11:30				Plenary Session 1		Plenary Session 1
11:30-11:50				Plenary Session 1		Plenary Session 1
11:50-12:00				Plenary Session 1		Plenary Session 1
12:00-13:30	LUNCH					
13:30-13:50	Workshop 1	Goal Directed Therapy in Critical Ill Patient	Rafael Linhares (BRA) + Andrew Shaw (USA)	Andrew Shaw	USA	Goal-Directed Resuscitation
13:50-14:10				Fabiano Gouveia	BRA	Invasive Monitoring for Hemodynamic Management
14:10-14:30				Sophia Ang	Singapore	Non-Invasive and Continuous Arterial Pressure Monitoring
14:30-14:50				Mauricio Daher	BRA	Focused Ultrasound Imaging for Hemodynamic Assessment
14:50-15:00				Discussion		
15:00-15:30	Afternoon Break					
15:30-15:50	Workshop 1	Goal Directed Therapy in Critical Ill Patient	Rafael Linhares (BRA) + Andrew Shaw (USA)	Fabiano Gouveia	BRA	Station 1: Invasive monitoring
15:50-16:10				Sophia Ang	Singapore	Station 2: Non-Invasive monitoring
16:10-16:30				Mauricio Daher	BRA	Station 3: FOCUS Ultrasound
16:30-16:50				Andrew Shaw	USA	Station 4: Hemodynamic Assessment using TTE
16:50-17:00				Discussion		
17:00-19:00	Wellcome Drink and Opening Banquet					
	Workshop 1		02 Moderators	04 Speakers		
PBLD Session 07:30-8:20	x		x	x		x
DIA 05/10/2017						
COPACABANA ROOM (PLENARY) - 500 SEATS (Simultaneous translation: Portuguese, English and Spanish)						
Time	Session 90 min	Session Theme	Moderator(s)	Proposed Speaker	Country	Title
8:30-08:50	Session 9	Challenges in Complex Aortic and Arch Surgery	João Henrique (BRA) + Prakash Patel (USA)	Tirone David	CAN	Aortic valve and root surgery: long term outcomes
08:50-09:10				Albert Cheung	USA	Cerebral protection strategies in aortic arch surgery
09:10-09:30				Prakash Patel	USA	Anesthetic consideration in complex aortic arch surgery
09:30-09:50				Carlos Galhardo	BRA	Bleeding management and hemostatic approach
09:50-10:00				Discussion		
10:00-10:30	MORNING BREAK					
10:30-10:50				Tirone David	CAN	Degenerative MR: Surgical indications and best approach to fix
10:50-11:10				Andrew Klein	UK	Minimally invasive mitral valve surgery: here to stay?

11:10-11:30	Session 10	Mitral Valve Symposium	Mauricio Daher (BRA) + Daniel Bainbridge (CAN)	Douglas Shook	USA	Patient selection and anesthetic management for mitral clip implantation
11:30-11:50				Stanton Shernan	USA	The role of intraoperative 3D TEE for mitral valve surgery
11:50-12:00				Discussion		
12:00-13:30	LUNCH					
13:30-13:50	Session 11	Education and Training in Cardiac Anesthesiology & TEE	Fabio Papa (BRA) + Albert Perino (USA)	Marcelo Salgado	BRA	Training, Qualifications and Certification: South America
13:50-14:10				Yathin Metta	INDIA	Training, Qualifications and Certification: ASIA
14:10-14:30				Manfred Seeberger	Switzerland	Training, Qualifications and Certification: Europe
14:30-14:50				Scott Reeves	USA	Training, Qualifications and Certification: North America
14:50-15:00				Discussion		
15:00-15:30	AFTERNOON BREAK					
15:30-15:50	Session 12	Monitoring the Brain During Cardiac Surgery	Juan Bianco (Argentina) + Karel Cvachovec (CZE)	Albert Cheung	USA	Individualizing perioperative blood pressure: Does it protect the brain?
15:50-16:10				Joseph Szokol	USA	Is cerebral oximetry a clinical benefit or a cost burden in cardiac surgery?
16:10-16:30				Rogean Nunes	BRA	Monitoring the depth of anesthesia during CPB: strategies and goals
16:30-16:50				Hilary Grocott	CAN	Neurological monitoring in cardiac surgery: What makes a difference?
16:50-17:00				Discussion		
19:00-22:00	FACULTY DINNER					
	Plenary		08 Moderators	18 Speakers		
PBLD Session 07:20-8:20 (15 seats)	PBLD 1			David Mazer (CAN) + Fabio Papa (BRA)		New antithrombotic agents in cardiac and non-cardiac patients
BARRA ROOM - 250 SEATS						
Time	Session 90 min	Session Theme	Moderator(s)	Proposed Speaker	Country	Title
8:30-08:50	Session 13	Update in Pediatric Cardiac Surgery	Alexander Mittnacht (USA) + Florian Nuevo (Philippines)	Alexander Mittnacht	USA	Anesthesia management for pediatric cardiac catheter interventions
08:50-09:10				Caetano Nigro	BRA	Volatile agents in CPB in pediatric patients
09:10-09:30				James Dinardo	USA	Hemostatic strategies for children undergoing cardiac surgery
09:30-09:50				Justiaan Swanevelde	S Africa	Update in neonatal cardiac anesthesia
09:50-10:00				Discussion		
10:00-10:30	Morning Break					
10:30-10:50	Session 14	Fluid Therapy in Cardiovascular Surgery	Fabiano Gouveia (BRA) + Nian-Chih Hwang (Singapore)	Michael Sander	Germany	Evaluating Volemia and Fluid Responsiveness in the Cardiac OR
10:50-11:10				George Silvay	USA	Monitoring Markers of Tissue Perfusion: What is the evidence?
11:10-11:30				Yunseok Jeon	Korea	Goal-directed resuscitation in cardiovascular patient
11:30-11:50				Janet Martin	CAN	Does the choice of solution make a difference?
11:50-12:00				Discussion		
12:00-13:30	LUNCH (Medtronic Satellite Symposium)					
13:30-13:50	Session 15	Minimally Invasive Cardiac Surgery	Douglas Shook (USA) + Joerg Ender (Germany)	Yun-Seok Jeon	Korea	OPCAB vs CABG surgery
13:50-14:10				Daniel Bainbridge	CAN	Hybrid Robotic coronary revascularization: outcome and anesthesia management
14:10-14:30				Kathryn Glas	USA	Anesthetic Considerations in Mini-mitral surgery and Mitral clip
14:30-14:50				Marcelo Ramalho	BRA	TEE in Minimally Invasive Cardiac Surgery
14:50-15:00				Discussion		
15:00-15:30	Afternoon Break					
15:30-15:50	Session 16	Enhanced Cardiac Surgery Recovery	Tony Sarquis (Colombia) + George Silvay (USA)	Joerg Ender	Germany	Fast track and ultra-fast track recovery models and outcomes
15:50-16:10				Roman Sniecinski	USA	Postop bleeding and coagulopathy: prevention and management
16:10-16:30				Joseph Matthew	USA	Postop atrial fibrillation: prevention and management
16:30-16:50				Weipeng Wang	China	Optimal analgesia and sedation post cardiac surgery
16:50-17:00				Discussion		
19:00-22:00	Faculty Dinner					
	Sessions		08 Moderators	18 Speakers		
PBLD Session 07:20-8:20 (15 seats)	PBLD 2			Kenichi Tanaka (USA) + Daniel Bollinger (Switzerland)		Blood Conservation in Cardiac Surgery
IPANEIMA ROOM - 250 SEATS						
Time	Session 90 min	Session Theme	Moderator(s)	Proposed Speaker	Country	Title
8:30-08:50	Session 17	Critical Care Symposium	Ludhmila Hajjar (BRA) + Vladimir Cerny (CZE)	Vladimir Cerny	CZE	What is the best glucose value for a cardiac patient?
08:50-09:10				Annette Vegas	CAN	Vasoplegia and its management in cardiac ICU
09:10-09:30				Jean-Francois Pittet	USA	Best approach for analgesia and sedation after cardiac surgery
09:30-09:50				Maria Jose Carmona	BRA	Postoperative delirium and cognitive dysfunction in ICU
09:50-10:00				Discussion		
10:00-10:30	Morning Break					
10:30-10:50				José Otávio Auler	BRA	Preoperative risk stratification in cardiac surgical patients
10:50-11:10				PJ Devereaux	CAN	Myocardial infarction in noncardiac surgery: An update

11:10-11:30	Session 18	Hot Topics in Patients with Coronary Disease	José Otávio Auler (BRA) + Jean-Francois Pittet (USA)	David Scott	Australia	Perioperative beta blockade for cardiac surgery: State-of-the-art in 2017
11:30-11:50				Yatin Metha	India	New antithrombotic agents in cardiac and non-cardiac patients
11:50-12:00				Discussion		
12:00-13:30	LUNCH					
13:30-13:50	Workshop 2	Point-of-Care Ultrasound: For anesthesiologists and intensivists	Mauricio Daher (BRA) + Wanda Popescu (USA)	Eduardo Botelho	BRA	Basic Physics and Fundamentals of US image
13:50-14:10				Peter Juhl-Olsen	Denmark	Focused Cardiac Ultrasound (FOCUS/FATE)
14:10-14:30				Maria Carolina Schulmeyer	CHILE	Ultrasound-Guided Vascular Access
14:30-14:50				Wanda Popescu	USA	Lung Ultrasound
14:50-15:00				Discussion		
15:00-15:30	Afternoon Break					
15:30-15:50	Workshop 2	Point-of-Care Ultrasound: For anesthesiologists and intensivists	Mauricio Daher (BRA) + Wanda Popescu (USA)	Eduardo Botelho	BRA	Station 1: How to optimize ultrasound image
15:50-16:10				Peter Juhl-Olsen	Denmark	Station 2: Focused Cardiac Ultrasound (FOCUS/FATE)
16:10-16:30				Maria Carolina Schulmeyer	CHILE	Station 3: Ultrasound-Guided Vascular Access
16:30-16:50				Wanda Popescu	USA	Station 4: Lung Ultrasound
16:50-17:00				Discussion		
19:00-22:00	Faculty Dinner					
	Workshop 2		06 Moderators	14 Speakers		
PBLD Session 07:20-8:20 (15 seats)	PBLD 3			Fani Nhuch (CAN) + Eduardo Botelho (BRA)		Managing RV Dysfunction
LEME ROOM - 50 SEATS						
Time	Session 90 min	Session Theme	Moderator(s)	Proposed Speaker	Country	Title
8:30-08:50	Workshop 3	Thoracic Anesthesia	Claudia Simões (BRA) + Peter Slinger (CAN)	Jae-Hyon Bahk	Korea	Lung isolation: DLT
08:50-09:10				Dawn Desiderio	USA	Lung isolation: endobronchial blockers
09:10-09:30				Peter Slinger	CAN	Thoracic epidurals/paravertebral blocks
09:30-9:50				Claudia Simões	BRA	Fiberscope
09:50-10:00				Discussion		
10:00-10:30	Morning Break					
10:30-10:50	Workshop 3	Thoracic Anesthesia	Claudia Simões (BRA) + Peter Slinger (CAN)	Jae-Hyon Bahk	Korea	Station 1: Isolation of the lung - DLT and DLT Tube exchangers
10:50-11:10				Dawn Desiderio	USA	Station 2: Isolation of the lung - Endobronchial blockers
11:10-11:30				Peter Slinger	CAN	Station 3: Thoracic epidurals/paravertebral blocks
11:30-11:50				Claudia Simões	BRA	Station 4: Fiberscope
11:50-12:00				Discussion		
12:00-13:30	LUNCH					
13:30-13:50	Workshop 4	Circulatory Support	Raffael Zamper (BRA) + Rodrigo Diaz (CHILE)	Raffael Zamper	BRA	IABP
13:50-14:10				Rodrigo Diaz	Chile	ECMO
14:10-14:30				Andrew Klein	UK	Short term VADs
14:30-14:50				George Djaiani	CAN	Long term VADs
14:50-15:00				Discussion		
15:00-15:30	Afternoon Break					
15:30-15:50	Workshop 4	Circulatory Support	Raffael Zamper (BRA) + Rodrigo Diaz (CHILE)	Raffael Zamper	BRA	Station 1: IABP
15:50-16:10				Rodrigo Diaz	Chile	Station 2: ECMO
16:10-16:30				Andrew Klein	UK	Station 3: Short term VADs
16:30-16:50				George Djaiani	CAN	Station 4: Long term VADs
16:50-17:00				Discussion		
19:00-22:00	Faculty Dinner					
	Workshop 3-4		04 Moderators	10 Speakers		
PBLD Session 07:20-8:20 (15 seats)	PBLD 4			Donna Greenhalgh (UK) + Luiz Fernando Falcão (BRA)		New insights into one lung ventilation
DIA 06/10/2017						
COPACABANA ROOM (PLENARY) - 500 SEATS (Simultaneous translation: Portuguese, English and Spanish)						
Time	Session 90 min	Session Theme	Moderator(s)	Proposed Speaker	Country	Title
8:30-08:50	Session 19	Current Concepts and Management in Perioperative Organ Protection	Maria José Carmona (BRA) + Manfred Seeberger (SWITZ)	HuShan Ao	China	Systemic inflammatory response in Cardiac Surgery: An update
08:50-09:10				Andrew Shaw	USA	Perioperative MI: diagnosis and management
09:10-09:30				Joseph Szokol	USA	How to Minimize Renal Failure Post Cardiac Surgery
09:30-9:50				Manfred Seeberger	Switzerland	Does modern monitoring and new devices optimize organ protection?
09:50-10:00				Discussion		
10:00-10:30	MORNING BREAK					
10:30-10:50				Nian-Chih Hwang	Singapore	Human factors in operating room
10:50-11:10				Enis Donizetti	BRA	Patient safety: tools and techniques

11:10-11:30 11:30-11:50 11:50-12:00	Session 20	Patient Safety and Quality Measures	Hugo Van Aken (Germany) + Scott Reeves (USA)	Peter Rosseel	Netherlands	Patient safety in the Cardiovascular OR: Challenges for improvement
				Scott Reeves	USA	Human Error and Team Working in the Operating Room and Critical Care
				Discussion		
12:00-13:30	LUNCH					
13:30-13:50 13:50-14:10 14:10-14:30 14:30-14:50 14:50-15:00	Session 21	Coagulation Management in Cardiac Surgery and Anesthesia	José Mariano Moraes (BRA) + David Mazer (CAN)	David Scott	Australia	New oral anticoagulants and antiplatelet drugs in cardiac surgery
				Kenichi Tanaka	USA	Point-of-care testing of coagulation: which tests and when?
				Daniel Bollinger	Switzerland	Hemostatic resuscitation and Impact of Fibrinogen Concentration on Bleeding Management
				Donna Greenhalgh	UK	Heparin-induced thrombocytopenia diagnosis and management
				Discussion		
15:00-15:30	AFTERNOON BREAK					
15:30-15:50 15:50-16:10 16:10-16:30 16:30-16:50 16:50-17:00	Session 22	Thoraco-Abdominal Aortic Surgery	Wanda Popesco (USA) + Fabio Guarracino (Italy)	José Mariano Moraes	BRA	Type B TAAA: risk factors and management
				Christopher Troianos	USA	Endovascular TEVAR vs Open Surgery: current status
				Stephane Lambert	CAN	Anesthetic management and TEE detection of TEVAR endoleak
				Weipeng Wang	CHINA	Spinal Cord Protection in Descending Aortic Procedures
				Discussion		
	Plenary		08 Moderators	18 Speakers		
PBLD Session 07:30-8:20 (20 seats)	PBLD 5			Hilary Grocott (CAN) + Maria José Carmona (BRA)		Preventing and Treating Delirium After Cardiac Surgery
BARRA ROOM - 250 SEATS						
Time	Session 90 min	Session Theme	Moderator(s)	Proposed Speaker	Country	Title
8:30-08:50 08:50-09:10 09:10-09:30 09:30-9:50 09:50-10:00	Session 23	TAVI	Carlos Galhardo (BRA) + Jiyeoh Sim (Korea)	Davy Cheng	CAN	Long term Outcomes: including Insights from the Brazilian and International Registry
				Steven Konstadt	USA	Patient selection, Implantation approaches and anesthetic implication
				Fabio Papa	BRA	Successful deployment: The role of TEE/TTE imaging for TAVI
				Joerg Ender	Germany	GA vs Conscious sedation for TAVI: differences in outcomes and costs?
				Discussion		
10:00-10:30	Morning Break					
10:30-10:50 10:50-11:10 11:10-11:30 11:30-11:50 11:50-12:00	Session 24	Cardiopulmonary Bypass Disasters	Carolina Baeta (BRA) + Davy Cheng (CAN)	Eric Nelson	USA	Aortic cannulation disasters
				Florian Nuevo	Philippines	Post-bypass vasoplegic syndrome management
				Hong LIU	USA	Massive air embolism
				Lize Xiong	China	Failure to wean off CPB: Management strategies
				Discussion		
12:00-13:30	LUNCH (Medtronic Satellite Symposium)					
13:30-13:50 13:50-14:10 14:10-14:30 14:30-14:50 14:50-15:00	Session 25	VAD and ECMO	Marcelo Gama Abreu (Germany) + Joseph Matthew (USA)	Chirojit Murkherjee	GER	Ventricular Assist Devices: Perioperative Management
				Tonny Sarquis	COL	Indications and Common Problems for ECMO
				Rodrigo Diaz	Chile	How to set up an ECMO service
				Joseph Matthew	USA	Role of echocardiography in mechanical support
				Discussion		
15:00-15:30	Afternoon Break					
15:30-15:50 15:50-16:10 16:10-16:30 16:30-16:50 16:50-17:00	Session 26	Heart and Lung Transplantation	Caetano Nigro (BRA) + Mary Beth Brady (USA)	Annette Vegas	CAN	Global heart transplantation experience and outcomes
				Juan Bianco	ARG	Perioperative management of heart transplantation
				Peter Slinger	CAN	Global lung transplantation experience and outcomes
				Mary Beth Brady	USA	Perioperative management of lung transplantation
				Discussion		
	Sessions		08 Moderators	18 Speakers		
PBLD Session 07:30-8:20 (20 seats)	PBLD 6			Marcelo de Abreu Gama (Germany) + Claudia Simões (BRA)		Lung Protective Ventilation in the OR
IPANEMA ROOM - 250 SEATS						
Time	Session 90 min	Session Theme	Moderator(s)	Proposed Speaker	Country	Title
8:30-08:50 08:50-09:10 09:10-09:30 09:30-9:50 09:50-10:00	Workshop 5	Basic TEE	Juan Bianco (ARG) + Chiara Gatto (BRA)	Albert Perrino	USA	Understanding the Basics of Ultrasound
				Eric Benedet	BRA	Principles of Doppler
				Chiara Gatto	BRA	How to Create a Good Ultrasound Imaging
				Maria Carolina Schulmeyer	CHILE	Basic Examination and Standard TEE Views
				Discussion		
10:00-10:30	Morning Break					
10:30-10:50 10:50-11:10 11:10-11:30 11:30-11:50	Workshop 5	Basic TEE	Marcello Salgado (BRA) + Stephen Lambert (CAN)	Christopher Troianos	USA	Assessment of Left Ventricular Function
				Marcello Salgado	BRA	Basic Hemodynamic Calculations
				Stephane Lambert	CAN	Mitral Valve Assessment: Stenosis and Regurgitation
				Sophia Ang	Singapore	Aortic Valve Assessment: Stenosis and Regurgitation

11:50-12:00				Discussion		
12:00-13:30	LUNCH					
13:30-13:50	Workshop 6	Intermediate TEE	Eduardo Botelho (BRA) + Eric Benedet (BRA)	Fani Nhuch	CAN	Tricuspid and Pulmonic Valve Assessment
13:50-14:10				Albert Cheung	USA	Assessment of Thoracic Aorta
14:10-14:30				Burkhard Mackensen	USA	Pericardium, Pericardial Effusion and Tamponade
14:30-14:50				Carolina Baeta	BRA	Assessment of Diastolic Function
14:50-15:00				Discussion		
15:00-15:30	Afternoon Break					
15:30-15:50	Workshop 6	Intermediate TEE	Alberto Dorsa (ARG) + Andrew Klein (UK)	Alberto Dorsa	ARG	Right Ventricular Function Assessment
15:50-16:10				Chirojit Murkherjee	GER	Case Studies: TEE Assessment for Hemodynamic Instability
16:10-16:30				Kathryn Glas	USA	Mitral Valve Case Studies
16:30-16:50				Steven Konstadt	USA	Aortic Valve Case Studies
16:50-17:00				Discussion		
	Workshop 5-6		04 Moderators	18 Speakers		
PBLD Session 07:30-8:20 (20 seats)	PBLD 7			Mauricio Daher (BRA) + Jiyeon Sim (Kor)		Management strategies for failure to wean off CPB
LEME ROOM - 50 SEATS						
Time	Session 90 min	Session Theme	Moderator(s)	Proposed Speaker	Country	Title
8:30-08:50	Workshop 7	Advanced TEE (3D)	Marcelo Ramalho (BRA) + Stanton Shernan (USA)	Shernan Stanton	USA	Fundamentals of acquiring and analyzing 3D echo images
08:50-09:10				Fabio Guarracino	Italy	3D of the mitral valve assessment
09:10-09:30				Douglas Shook	USA	3D of the left ventricular assessment
09:30-9:50				Daniel Bainbridge	CAN	3D of the aortic valve for TAVI assessment
09:50-10:00				Discussion		
10:00-10:30	Morning Break					
10:30-10:50	Workshop 7	Advanced TEE (3D)	Marcelo Ramalho (BRA) + Stanton Shernan (USA)	Shernan Stanton	USA	Hands-on (04 Stations with TEE Machines)
10:50-11:10				Fabio Guarracino	Italy	
11:10-11:30				Douglas Shook	USA	
11:30-11:50				Daniel Bainbridge	CAN	
11:50-12:00				Discussion		
12:00-13:30	LUNCH					
13:30-13:50	Workshop 8	Coagulation Monitoring	Carlos Galhardo (BRA) + Prakash Patel (USA)	Linda Shore-Lesserson	USA	TEG
13:50-14:10				Carlos Galhardo	BRA	ROTEM
14:10-14:30				Roman Sniecinski	USA	Platelet Analysers
14:30-14:50				Prakash Patel	USA	Heparin Monitoring
14:50-15:00				Discussion		
15:00-15:30	Afternoon Break					
15:30-15:50	Workshop 8	Coagulation Monitoring	Carlos Galhardo (BRA) + Prakash Patel (USA)	Linda Shore-Lesserson	USA	Hands-on (04 Stations with Coagulation Monitoring Machines)
15:50-16:10				Carlos Galhardo	BRA	
16:10-16:30				Roman Sniecinski	USA	
16:30-16:50				Prakash Patel	USA	
16:50-17:00				Discussion		
	Workshop 7-8		04 Moderators	10 Speakers		
PBLD Session 07:30-8:20 (20 seats)	PBLD 8			Rafael Linhares (BRA) + Benjamin Drenger (Israel)		Spinal Cord Protection During Thoracic Aortic Procedures