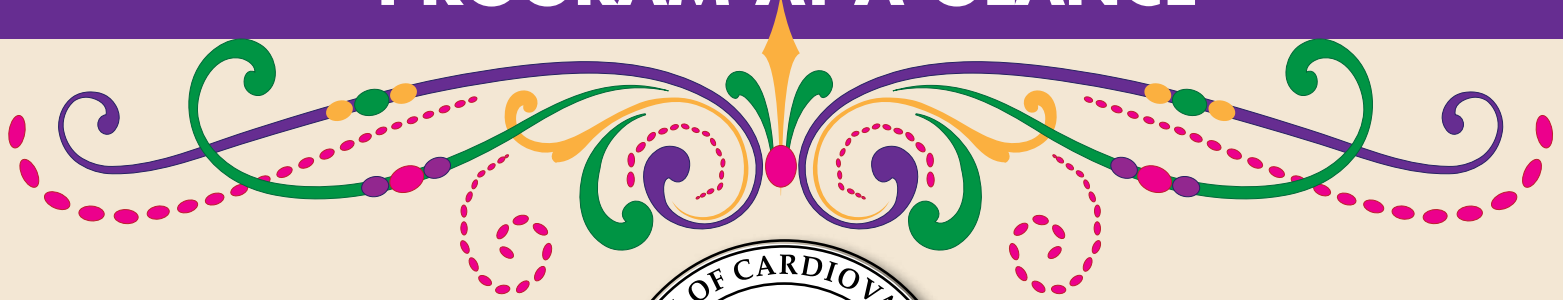


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36th

ANNUAL MEETING & WORKSHOPS

MARCH 29-APRIL 2, 2014

THE SHERATON NEW ORLEANS | NEW ORLEANS, LA

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Society of Cardiovascular Anesthesiologists

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GENERAL INFORMATION

Target Audience

Cardiothoracic and vascular anesthesiologists, critical care physicians, general anesthesiologists, nurses, perfusionists, and other allied health personnel, epidemiologists/researchers, and all those involved in the care of the cardiovascular and thoracic surgery patient will benefit by attending this meeting.

Statement of Need

The field of cardiothoracic and vascular anesthesiology is a dynamic specialty that changes as modern cardiovascular medicine changes. New additions to the armamentarium of cardiovascular medicine include percutaneous interventions, valvular heart surgery, minimally invasive techniques, heart-failure devices, electrophysiologic interventions, and the changing status of cardiac surgery. We will also provide numerous discussions of quality care, including metrics and databasing, as mechanisms to assist attendees in working with their own institutions to improve global quality. Current practitioners in cardiovascular anesthesiology demand an educational course that is current with cardiology and cardiac surgical advances, which the Society of Cardiovascular Anesthesiologists (SCA) Annual Meeting provides. The annual meeting offers teaching of intraoperative echocardiography for management of patients undergoing various cardiac surgical procedures as well as workshops in cardiac imaging, percutaneous valve surgery, transthoracic echocardiography, and extracorporeal support. The program's multidisciplinary faculty are those who have a history of excellent evaluations from previous attendees. Interactive workshops and discussion sessions with the experts center on patient-oriented educational programs to teach the requisite skills and concepts necessary for advanced care of these patients. This interdisciplinary program sponsored and offered by SCA for its members has been developed to meet the growing demand for such educational needs.

Workshops

Fee includes workshop, continental breakfast (morning workshops), coffee breaks, and electronic syllabus.

CME Accreditation: The Society of Cardiovascular Anesthesiologists is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation: The Society of Cardiovascular Anesthesiologists designates this live activity for a maximum of 3 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Problem-Based Learning Discussions (PBLDs)

Fee includes PBLD, continental breakfast and electronic syllabus.

CME Accreditation: The Society of Cardiovascular Anesthesiologists is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation: The Society of Cardiovascular Anesthesiologists designates this live activity for a maximum of 1.25 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

36th Annual Meeting

Fee includes continental breakfasts, coffee breaks, (2) lunches, (1) reception, and the electronic syllabus.

CME Accreditation: The Society of Cardiovascular Anesthesiologists is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Designation: The Society of Cardiovascular Anesthesiologists designates this live activity for a maximum of 29 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

To Claim Your CME

To claim your continuing medical education (CME), visit www.scahq.org/Education/Evaluations.aspx.

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Please be advised that throughout the SCA Annual Meeting & Workshops, photos may be taken for use in SCA marketing materials, including the e-newsletter and SCA Facebook page. If you do not consent to be photographed, please advise the SCA staff in writing.

Social Media

Make sure to follow our Scientific Program Committee Chair and Vice Chair on Twitter, @KathrynGlas and @andyshaw007. Use #SCA2014 when tweeting or posting on Facebook about the meeting.

Attendees will be provided electronic media only.

SCA Annual Meeting & Workshops Mobile App



Capture this QR code with your mobile device, or visit <http://eventmobi.com/scaannual14> to take advantage of our new mobile app!

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DISCLOSURES

(As of February 13, 2014)

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1. No relationship with commercial supporters
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Desai, Milind, FACC, FAHA, FES	1
Desjardins, Georges, MD, FRCPC, FASE	1
Diaz-Gomez, Jose, MD	1
Dossow-Hanford, Vera, MD	1
Duncan, Andra E., MD	1
Dwarakanath, Kishan, MD	1
Eaton, Michael, MD	
Grifols	2
Edrich, Thomas, MD	1
Ender, Joerg, MD	1
Fedorow, Christine, MD	1
Filipovic, Miodrag, MD	1
Finley, Alan, MD	1
Fischer, Gregory, MD	1
Fox, John, MD	1
Francis, Sanjeev, MD	1
Freedman, John, MD, FRCPC	1
Gavrin, Jonathan, MD	1
Gelfand, Brian, MD	1
Ghotbi, Muhammad, MD	1
Glance, Laurent, MD	1
Glas, Kathryn, MD, FASE, MBA	
LWW	6
Goodnough, Lawrence, MD	
CSL Behring	4, 6
Gravlee, Glenn, MD	1
Green, Jeffrey, MD	
Covidien	2, 4, 6
Mindray	4
Grocott, Hilary, MD, FRCPC, FASE	1
Groom, Robert, CCP, MS	1
Gross, Wendy, MD, MHCM	1
Gustin, Allen, Jr., MD	1
Gutsche, Jacob, MD	1
Hare, Gregory, MD, PhD	1
Hill, Charles, MD	1
Ho, Jonathan, MD	1
Hofmann, James, MD	1
Hogue, Charles, MD	
Astra-Zeneca	4
Covidien	2
CSL Behring	4
The Medicines Company	4
Merck	4
Ornim	4
Ikonomidis, John, MD	1
Joshi, Ravi Vivekanand, MD	1
Kahl, Edward, MD	1
Kamra, Komal, MD	1
Kanchuger, Marc, MD	1
Kennedy, Jason, MD	1
Kerr, Gregory, MD, MBA	1
Kertai, Miklos, MD PhD	1

DISCLOSURES

Koch, Colleen, MD, MBA, FACC	1	Rouine-Rapp, Kathryn, MD	1	Sullivan, Breandan, MD	1
Kosarek, Logan, MD	1	Savage, Robert, MD, FACC	1	Sumler, Michele, MD	1
Lobato, Robert, MD	1	Savino, Joseph, MD	1	Sundar, Sugantha, MD	1
Lohser, Jens, MD	1	Seeberger, Manfred, MD	1	Swaminathan, Madhav, MD, FASE	1
London, Martin, MD	1	Shander, Aryeh, MD		Tanaka, Kenichi, MD	
Mackensen, Burkhard G., MD, PhD, FASE	1	AMAG Pharmaceuticals	4	Grifols	4
MacKnight, Brenda,	1	American Regent	3	Octapharma	4
Mahajan, Aman, MD, PhD	1	Baxter	3, 4	TEM Innovations	4
Mahmood, Feroze, MD		CSL Behring	2, 3, 4	Taylor, Mark, MD, FASE	1
Medtronics	6	Deerfield Institute, Inc.	4	Thaemert, Nelson, MD	1
Maldonado, Yasdet, MD	1	Defense Advanced Research Projects Agency	4	Thomas, Walker, BS, RDCS	1
Mark, Jonathan, MD	1	Gauss Surgical	4	Thompson, Annemarie, MD	1
Maslow, Andrew, MD	1	HemoCue	4	Thornton, Kevin, MD	1
Mathew, Joseph, MD	1	Masimo	2, 3, 4	Tolpin, Daniel, MD	1
Matyal, Robina, MD	1	New Jersey State District Attorney	4	Troianos, Christopher, MD	
Mazer, David C., MD		Octapharma USA	3, 4	American Society of Echo CME Committee Member	6
Allocure	2	OPK Biotech	2, 4	Independence Advisors	6
AstraZeneca	6	US Dept of Defense	2	National Board of Echocardiography Board of Directors	6
Boehringer-Ingelheim	2	Zymogenetics	2, 3, 4	Trombetta, Carlos, MD	1
CSL Behring	2	Shanewise, Jack, MD, FASE	1	Tung, Avery, MD	1
Fresenius Kabi	2, 6	Shaw, Andrew, MB, FRCA, FCCM		Vadlamudi, Ratna, MD	1
Mehta, Anand, MD	1	Astute Medical	2, 4	Wagner, Chad, MD	1
Messenger, Brigitte, MD	1	Baxter	4	Wahr, Joyce, MD	1
Miller, Steven, MD	1	Covidien	4	Wall, Michael, MD	1
Miller, Steven, MD	1	NxStage	4	Weisinger, Andrew, MD	1
Mishell, Jacob, MD	1	Thrasos	4	Welsby, Ian, MD, FRCA	
Mitter, Nanhi, MD	1	Shernan, Stanton, MD, FASE		CSL Behring	2, 4
Mittnacht, Alexander, MD	1	E-echocardiography.com	6	The Medicines Company	2
Montzingo, Candice, MD, FASE	1	Philips Healthcare, Inc	6	NovoNordisk	2
Muehlschlegel, Danny, MD	1	Shillcutt, Sasha, MD, FASE	1	Terumo BCT	2, 6
Neelankavil, Jacques, MD	1	Shook, Douglas, MD, FASE		Whitener, George, MD	1
Newman, Mark, MD	1	Edwards Lifesciences	6	Whitley, William, MD	1
Ngai, Jennie, MD	1	Philips Medical	6	Wijeyesundera, Duminda, MD	1
Nicoara, Alina, MD	1	Sorin Group	6	Wilson, Justin, MD	1
Nuttall, Gregory, MD	1	Shore-Lesserson, Linda, MD		Zimmerman, Joshua, MD	1
Oakes, Daryl, MD	1	Elcam Inc	4		
Ochroch, Andrew E., MD	1	Grifols Inc	4		
Odonkor, Patrick, MD	1	Silvay, George, MD	1		
Pandharipande, Pratik, MD		Singh, Saket, MD	1		
Hospira, Inc.	2, 6	Skubas, Nikolaos, MD, FASE	1		
Parrino, Gene, MD	1	Sladen, Robert, MBChB, FCCM			
Pearl, Ronald, MD, PhD	1	Orion Pharma	4, 5		
Peng, Yong, MD PhD	1	Retia	6		
Popescu, Wanda, MD	1	Tek Inc.	6		
Pretorius, Mias, MB CHB	1	Sniecinski, Roman, MD, FASE			
Ranucci, Marco, MD	1	Covidien	2		
Rao, Srikantha, MD, MBBS, MS	1	Sohmer, Benjamin, MD	1		
Reeves, Scott, MD, MBA, FACC	1	Sreeram, Gautam, MD	1		
Roscoe, Andrew, MBChB, FRCA	1	Stafford-Smith, Mark, MD	1		
		Stevenson, William, MD	1		
		Subramaniam, Balachundhar, MD	1		

Abstract Presenters

Agarwal, Shvetank	1
Agarwal, Seema, BM BS FRCA	1
Aljure, Oscar	1
Anderson-Dam, John	1
Armour, Trygve	1
Arthur, Mary, MD	1
Ashikhmina, Elena, MD, PhD	1
Awad, Hamdy, MD	1
Baba, Tomoko, MD	1
Bae, Jun yeol, MD	1

DISCLOSURES

Baisden, Joshua	1	Ghadimi, Kamrouz, MD	1	Matyal, Robina, MD	1
Bankov, Alexander, MD	1	Gone, Evelyne, BA	1	Maxwell, Bryan, MD, MPH	1
Bardia, Amit, MBBS	1	Goodwin, Meredith, MD	1	Maxwell, Cory, MD	1
Barrett, Brian, MD	1	Greulich, Philip, MD	1	McCartney, Sharon, MD	1
Bean, Matthew, DO	1	Guay, Joanne, MD	1	McKenzie, Jeff, MD	1
Belda, Marina	1	Gutsche, Jacob, MD	1	McQuilkin, Scott	1
Bergman, Remco, MD	1	Habicher, Marit	1	Mehta, Yatin	1
Bolliger, Daniel	1	Hall, Richard, MD, FRCPC, FCCP	1	Montealegre, Mario, MD	1
Bottiger, Brandi, MD	1	Hamby, Carrie	1	Murkin, John	1
Boyajian, Mark	1	Henke, Vanessa, MD	1	Musuku, Sridhar, MD	1
Brakke, Tara, MD	1	Heringlake, Matthias, MD	1	Nelson, Eric, DO	1
Brecher, Oren	1	Holt, Robert, MD	1	Ngai, Jennie, MD	1
Broussard, David	1	Howard-Quijano, Kimberly, MD	1	Nishiguchi, Brian, MD	1
Brown, Evans	1	Huang, Jiapeng, MD	1	Odonkor, Patrick, MB, ChB	1
Brown, Charles, MD, MHS	1	Huang, Thomas	1	Ogawa, Satoru, MD	1
Bruce, Simon, MD	1	Husedzinovic, Ino	1	Ogden, Shanna, MD	1
Burrage, Peter, MD, PhD	1	Ivascu, Natalia	1	Owais, Khurram, MD	1
Chacon, Martha	1	Jackson, Kirk, MD	1	Oyoshi, Takafumi	1
Choi, Seungho	1	Jiang, Luyang, MD	1	Pani, Saroj, MD	1
Chyu, Darrick, MD	1	Kafafy, Ahmed, MD	1	Parmet, Jonathan	1
Cobey, Fred, MD, MPH, FASE	1	Karhausen, Joern	1	Patel, Nichlesh, MD	1
Craner, Ryan, MD	1	Kellman, Suzanne, MD	1	Perring, Paul, MD	1
Culp, William, MD	1	Kieber, Alexander	1	Piercy, Jessica, MD	1
Patent author relationship with self; considering patent commercialization		Kim, Tae-Yop	1	Podgoreanu, Mihai, MD	1
Dahn, Hannah	1	Klinger, Rebecca, MD, MS	1	Poisson, Jessica, MD	1
Dallas, Torijaun, MD	1	Konoske, Ryan	1	Poterack, Karl, MD	1
Daneshrad, Diba	1	Kurokawa, Satoshi, MD	1	Reidy, Andrea, MD	1
Deegan, Robert	1	Kwak, Young Lan, MD	1	Reyes, Luis, MD	1
Del Rio, Mauricio J., MD	1	Lau, William Travis	1	Riess, Matthias, MD, PhD	1
Demos, Michael, MD	1	Laudanski, Krzysztof	1	Rigsby, Christopher, DO	1
Deng, Yi, MD	1	Lebon, Jean-Sebastien, MD	1	Roberts, Devin, MD	1
Dharmakumar, Rohan	1	Lee, Jong-Hwan, MD, PhD	1	Saddic, Louis, MD, PhD	1
Vascularix	2	Lennon, Paul, MD	1	Sajan, Farrah	1
Djaiani, George	1	Levesque, Vanetta	1	Samir, Amir, MD	1
Doherty, Margaret	1	Levyi, Galina	1	Sarkar, Rohin	1
Eibel, Sarah, MD	1	Li, Lihuan, MD	1	Schreibman, David, MD	1
Eichenbaum, Kenneth	1	Littlejohn, James, MD, PhD	1	Sebranek, Joshua, MD	1
Elmi-Sarabi, Mahsa	1	Liu, Henry	1	Seller, Aaron	1
Escobar, Enrique, MD	1	Lopez, Oscar, MD	1	Semien, George, MD	1
Fassl, Jens	1	Ma, Qing, MD	1	Shapiro, Michael, PhD	1
Feider, Andrew, MD	1	Mahal, Inderveer, BSc	1	Sharma, Aarti, MD	1
Flerov, Evgeny	1	Mailhot, Tanya, PhD(c), RN	1	Sheu, Richard, MD	1
Flo, Anna	1	Manning, Michael, MD, PhD	1	Shidham, Sushrut, MD	1
Floyd, Thomas	1	Maracaja-Neto, Luiz	1	Shih, Henry, MD	1
Fontes, Manuel, MD	1	Marques, Michael, MD, PhD	1	Shillcutt, Sasha, MD, FASE	1
Foster, Rex, MD	1	Mashari, Azad	1	Shkolnikova, Tatyana	1
Garner, Chandrika, MD	1	Mathew, Joseph, MD	1	Sigurdsson, Martin, MD, PhD	1

DISCLOSURES

Sivanesan, Lingesha	1
Sobhanie, Mohammad-Safa	1
Sofjan, Iwan, MD	1
Solomon, Lisa, DO	1
Stachurski, Margaret, DO	1
Stafford, Marshall, MD	1
Steppan, Jochen	1
Stone, Marc, MD	1
Sun, Louise, MD, SM, FRCPC	1
Swanson, Jeffrey, MD	1
Szymanski, Trevor	1
Taylor, Charles, PhD	1
Teeter, Emily, MD	1
Teggatz, Eric, MD	1
Ti, Lian, MBBS, M Med	1
Tili, Esmerina, PhD	1
Tsui, Albert	1
Turnbull, Zachary, MD	1
Ursprung, Eric	1
Voulgarelis, Stylianos, MD	1
Wadhwani, Zinaida, MD	1
Wagner, Chad	1
Walsh, Abigail, MB	1
Weihrauch, Dorothee, PhD	1
Welsby, Ian, MB, BS	1
Wesley, Mark Massimo	2
Williams, Wendell, MD	1
Yaport, Miguel	1
Yumul, Roya, MD, PhD	1
Zhao, Manxu, MD	1
Zhou, Shan	1
Zillioux, Jacqueline	1

Super Echo Presenters

Bilal, Ahmad	1
Cherry, Anne, MD	1
Clark, Jacob A., MD	1
Musuku, Sridhar R., MD	1
Sawyer, Thomas F., II, MD	1
Silverton, Natalie A., MD	1
Strauss, Erik, MD	1

Program Committee

Abernathy, James H., MD, MPH	1
Campos, Javier H., MD ETView Medical	4
Duncan, Andra E., MD	1
Eaton, Michael P., MD Grifols	2
Fox, Amanda, MD, MPH	1
Ghotbi, Muhammad S., MD	1
Glas, Kathryn E., MD, FASE, MBA LWW	6
Grocott, Hilary P., MD	1
Gross, Wendy L., MD	1
Mahmood, Feroze, MD Medtronic	4
Philips	6
Nicoara, Alina, MD	1
Nuttall, Gregory A., MD	1
Oakes, Daryl, MD	1
Ochroch, Andrew E., MD	1
Rao, Srikantha, MD, MS	1
Seeberger, Manfred D., MD	1
Shaw, Andrew D., MB, FRCA, FCCM Astute Medical	2, 4
Baxter Healthcare	2
Thrasos, Inc.	4
NXStage	4
Covidien	4
Shernan, Stanton K., MD, FASE Philips Healthcare, Inc.	6
E-Echocardiography.com	6
Shillcutt, Sasha, MD	1
Singh, Saket, MD	1
Sreeram, Gautam M., MD	1
Taylor, Mark A., MD, FASE	1
Thompson, Annemarie, MD	1
Wagner, Chad E., MD	1
Wall, Michael H., MD	1
Weisinger, Andrew S., MD	1

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Cheng, Davy C.H., MD, FRCPC, FCAHS, CCPE	1
Eaton, Michael P., MD Grifols	2
Glas, Kathryn E., MD LWW	6
Gravlee, Glenn P., MD Independent Advisors	8
Koch, Colleen G., MD	1
Marino, Robert J., MD Independent Advisors	8
Mahmood, Feroze, MD Medtronics	4, 6
Philips	6
Mazer, C. David, MD AstraZeneca	6
Canadian Institute of Health Research	2
Canadian Medical Protective Association	4
Fresenius Kabi	2, 6
Hospira	2
The Medicines Company	2, 6
NovoNordisk	2
Reeves, Scott T., MD Independent Advisors	8
LWW	6
Shaw, Andrew D., MB, FRCA, FCCM Astute Medical	4
Baxter Healthcare	2
Covidien	4
Thrasos, Inc.	4
Shook, Douglas, MD Philips Medical	3
Sorin Group	3
Shore-Lesserson, Linda, MD Elcam, Inc.	4
Stafford-Smith, Mark, MD	1
Troianos, Christopher A., MD Independent Advisors	8

SCHEDULES

FRIDAY, MARCH 28

4–7 pm Registration

SATURDAY, MARCH 29

7 am–5:30 pm Registration

7–8 am Continental Breakfast

Napoleon Ballroom Foyer (3rd Floor)

WORKSHOPS		Amanda Fox, MD, MPH, Workshop/PBLD Coordinator
8–11 am	Morning Workshops	
	Workshop 1: Percutaneous Valve Replacement —Muhammad S. Ghotbi, MD; Annemarie Thompson, MD	Napoleon Ballroom A (3rd Floor)
	Workshop 2: Intermediate TEE—Feroze Mahmood, MD	Borgne (3rd Floor)
1–4 pm	Afternoon Workshops	
	Workshop 3: Advanced TEE—Feroze Mahmood, MD; Daryl Oakes, MD	Borgne (3rd Floor)
	Workshop 4: Basic Transthoracic Echo—Sasha Shillcutt, MD, FASE	Gallery (1st Floor)
	Workshop 5: Cardiac Imaging—Fluoroscopy, CT, MRI: A Primer for the Cardiovascular Anesthesiologist—Wendy L. Gross, MD; Andrew S. Weisinger, MD	Bayside BC (4th Floor)
8–10 am	Refresher Course Lectures	Napoleon Ballroom BC (3rd Floor)
	<i>Moderator: Kathryn E. Glas, MD, MBA, FASE</i>	
	Update on the Beans: How to Keep Them Going—Duminda Wijeyesundera, MD	
	Adult Congenital Disease: The New Reality—Katherine Rouine-Rapp, MD	
	Heparin Resistance and Sensitivity—Alan C. Finley, MD	
	Genetic Predictors of Perioperative Cardiac Outcomes—C. David Collard, MD	
10–10:30 am	Coffee Break	Napoleon Ballroom Foyer (3rd Floor)
10:30 am–Noon	ICU Delirium: Can We Prevent It From the OR?	Napoleon Ballroom BC (3rd Floor)
	<i>Moderator: Chad E. Wagner, MD</i>	
	Risk Factors and Outcomes—Allen N. Gustin, Jr., MD	
	Pro: It Is Time for Benzodiazepine-Free Cardiac Surgery—Pratik Pandharipande, MD	
	Con: Anesthetic Choice Makes No Difference in Delirium in Cardiac Surgery—Hilary P. Grocott, MD	
Noon–1 pm	Lunch on Your Own	
1–3:30 pm	Controversies in Cardiac Surgical Care	Napoleon Ballroom BC (3rd Floor)
	<i>Moderator: Srikantha Rao, MD</i>	
	Does Operative Ventilator Management Impact Incidence of ARDS?—Jacob Gutsche, MD	
	Incidental PFO: To Close or Not to Close?—Joseph P. Mathew, MD	
	Neuromonitoring in Cardiac Surgery or During DHCA: Optional or imperative?—Albert T. Cheung, MD	
	Controversies in Guidelines: Yes, They Exist. How Do We Resolve Them or Where Is the Evidence That Following Established Guidelines Actually Improves Outcomes?—Martin J. London, MD	
	OBCAB v. CABG: Where Is the Difference?—Roman Sniecinski, MD	
3:30–4 pm	Coffee Break	Napoleon Ballroom Foyer (3rd Floor)
4–5:30 pm	Fireside Chat	
	Getting Promoted: Rank and Title—Glenn P. Gravlee, MD; Mark F. Newman, MD	Borgne (3rd Floor)
	Showing Value in an ACO Model—Solomon Aronson, MD, MBA, FACC, FAHA, FCCP, FASE; Christopher A. Troianos, MD	Bayside BC (4th Floor)

SCHEDULES

1–6 pm Fellow and Junior Faculty Program Napoleon Ballroom A (3rd Floor)

	<i>Moderators: Annemarie Thompson, MD; William C. Culp, Jr., MD</i>
1–2:15 pm	Complex Case Discussion With Panel—Linda Shore-Lesserson, MD, FASE; Scott T. Reeves, MD, MBA, FACC, FASE; Roman Sniecinski, MD, FASE
2:15–3:15 pm	Cardiothoracic Anesthesiology: Mission Possible—Colleen G. Koch, MD; Mark Stafford-Smith, MD; G. Burkhard Mackensen, MD, PhD, FASE; William S. Whitley, MD
3:15–3:30 pm	Complex Case Digital Abstract Presentations and Coffee Break
3:30–5 pm	Fellow Problem-Based Learning Discussions (PBLD): Faculty: Dalia A. Banks, MD; Mias Pretorius, MBChB, MSCI; Jeffrey A Green, MD; Daniel Tolpin, MD; James H. Abernathy III, MD, MPH; Wendy K. Bernstein, MD; Mark A. Chaney, MD; John A. Fox, MD; Nanhi Mitter, MD; Jacques Neelankavil, MD; Srikantha Rao, MBBS, MD; Robert M. Savage, MD, FACC; Douglas Shook, MD, FASE; Roman Sniecinski, MD, FASE; Sugantha Sundar, MD; Kevin C. Thornton, MD; Justin Wilson, MD; James Anton, MD; Tara R. Brakke, MD, FASE; Jack S. Shanewise, MD, FASE

5–6 pm Fellow/Resident Complex Case Digital Abstract Presentations (No CME) Grand Ballroom B (5th Floor)

Moderators: Annemarie Thompson, MD; William C. Culp, Jr., MD

5:30–6:30 pm Mentor Program (No CME) Maurepas (3rd Floor)

Moderator: Michael H. Wall, MD
For invited mentors and mentees only.

SUNDAY, MARCH 30

6:15 am–5:30 pm	Registration	
6:45–8 am	Problem-Based Learning Discussions 1–7. See page 17 for details.	Various Rooms (8th Floor)
7–8 am	Continental Breakfast	Napoleon Ballroom Foyer (3rd Floor)

8–9 am Earl Wynands Lecture Napoleon Ballroom BC (3rd Floor)

Moderators: Kathryn E. Glas, MD, MBA, FASE; C. David Mazer, MD
Supported by the SCA Foundation and the Cardiovascular Thoracic Section of the Canadian Anesthesiologists Society
Transfusion Medicine: Time for a Shift—John Freedman, MD, FRCPC

9–10:30 am STS/SCA: Aortic Valve and Aorta Napoleon Ballroom BC (3rd Floor)

	<i>Moderator: Stanton K. Shernan, MD, FASE</i>	
	How Big Is Too Big: When to Repair an Ascending Aortic Aneurysm—John S. Ikonomidis MD, PhD, FRCS(C), FACS, FAHA, FACC	
	Indications and Techniques for Aortic Valve Repair—Edward P. Chen, MD	
	Update on Techniques for Neuroprotection—Hilary P. Grocott, MD	
10:30–11 am	Coffee Break	Napoleon Ballroom Foyer (3rd Floor)

11 am–12:30 pm Esophageal Surgery Napoleon Ballroom A (3rd Floor)

Moderator: Javier H. Campos, MD
Advantages of Transhiatal Esophagectomy Versus Open Thoracotomy Approach—Jens Lohser, MD, MSc, FRCPC
Intraoperative Management: The Fluid and Monitoring Controversies—Sherif I. Assaad, MD
Systemic Inflammatory Response and Protective Ventilation Strategies—Daniel R. Brown, MD, PhD

11 am–12:30 pm Thoracic Endovascular Aortic Repair (TEVAR) Napoleon Ballroom BC (3rd Floor)

Moderator: E. Andrew Ochroch, MD
Current Endovascular Options for Thoracic Aortic Aneurysm Repair: Technologies and Outcomes—Brian J. Gelfand, MD
Spinal Cord Ischemia: Risk and Protective Strategies—Christine Fedorow, MD
The Impact of Neuromonitoring on Anesthetics and Outcome—Joshua H. Atkins, MD, PhD
Challenges of Postoperative Management, ICU Care—Jacob T. Gutsche, MD

SCHEDULES

11–12:30 pm	Factor Concentrates	Waterbury (2nd Floor)
	<i>Moderator: Gregory A. Nuttall, MD</i> Should We Use Factor 7 in Massive Transfusion Scenarios?—Ian Welsby, MD, FRCA The Role of Fibrinogen in Reducing Transfusion—C. David Mazer, MD The Role of Prothrombin Complex Concentrates in Transfusion Protocols—Kenichi Tanaka, MD	
12:30–1:30 pm	Lunch on Your Own and Fellow/ Resident Complex Case Digital Abstract Presentations (No CME)	Grand Ballroom E (5th Floor)
	<i>Moderator: Annemarie Thompson, MD</i>	
1:30–3 pm	Heart Failure and Transplantation	Napoleon Ballroom A (3rd Floor)
	<i>Moderator: Andra E. Duncan, MD</i> Care of the End Stage Heart Disease Patient: Drugs to Devices—Robert N. Sladen, MBChB, FCCM Survival in the OR: Anesthetic Management of the Patient with Heart Failure—Joshua Zimmerman, MD Early and Late Outcomes Following Heart Transplantation—Chad E. Wagner, MD	
1:30–3 pm	FOCUS	Napoleon Ballroom BC (3rd Floor)
	<i>Moderator: James H. Abernathy III, MD, MPH</i> Task, Team, and Technology in the OR—Ken Catchpole, MD A FOCUSed Review of Quality and Safety—Atilio Barbeito, MD STS Quality Metrics—Joseph P. Mathew, MD	
1:30–3 pm	SOCCA	Waterbury (2nd Floor)
	<i>Moderator: Michael H. Wall, MD</i> Prevention of ARDS—Breandon Sullivan, MD Endpoints of Resuscitation: How Much Is Enough?—Heidi K. Atwell, DO The Starch Controversy, Next Chapter—Avery Tung, MD Surviving Sepsis, 2013, and Update—Gregory E. Kerr, MD, MBA	
	3–4 pm	Opening of Exhibits Grand Ballroom (5th Floor)
4–5:30 pm	Electrophysiology From A & A	Napoleon Ballroom A (3rd Floor)
	<i>Moderator: Wendy L. Gross, MD</i> Anesthetic Challenges in the EP Lab: High-Acuity Patient in an Offsite Environment—Nelson Thaemert, MD Procedural Precision: Update on Mapping Technology—William Stevenson, MD Does the Anesthetic Matter in Ablation Procedures?—Aman Mahajan, MD, PhD New Device Update, SQICD, LAA Appendage Occluders—Ratna Vadlamudi, MD	
4–5:30 pm	Super Echo Panel	Napoleon Ballroom BC (3rd Floor)
	<i>Moderators: Sasha Shillcutt, MD, FASE; Kathryn E. Glas, MD, MBA, FASE</i> <i>Panel: Christopher A. Troianos, MD; Feroze Mahmood, MD</i>	
4–5:30 pm	Oral Research Presentations I	Waterbury (2nd Floor)
	<i>Moderator: Davy C.H. Cheng, MD, MSC, FRCPC</i>	
6:30–8:30 pm	SCAF/SCA Gala Event at the SCA Annual Meeting	Armstrong (8th Floor)
	The SCA Foundation and SCA are cohosting a gala event at the 36th Annual Meeting & Workshops at the Sheraton New Orleans. Drs. James Abernathy and Douglas Shook are cochairing the event “Fellows for the Future.”	

SCHEDULES

MONDAY, MARCH 31

6:15 am–5:30 pm	Registration	
6:45–8 am	Problem-Based Learning Discussions 8–14. See page 17 for details.	Various Rooms (8th Floor)
7–8 am	Continental Breakfast	Napoleon Ballroom Foyer (3rd Floor)

8–10 am	Hot off the Press: Guidelines and Important Research	Napoleon Ballroom BC (3rd Floor)
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Moderators: Charles W. Hogue, MD; Kathryn E. Glas, MD, MBA, FASE
 Basic TEE—Scott T. Reeves, MD, MBA, FACC, FASE
 Comprehensive TEE—Kathryn E. Glas, MD, MBA, FASE
 Intraoperative Dexamethasone and Delirium After Cardiac Surgery: A Randomized Clinical Trial—Stefan Dieleman, MD
 Length of Red-Cell Unit Storage and Risk for Delirium After Cardiac Surgery—Charles Brown, MD
 10–10:30 am Coffee Break With Exhibitors Grand Ballroom (5th Floor)

10:30–11:30 am	Keynote Lecture	Napoleon Ballroom BC (3rd Floor)
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Moderator: Scott T. Reeves, MD, MBA, FACC, FASE
 Turbulent Times for Academic Medicine: Evolution of the Clinical Enterprise—Joanne Conroy MD, Chief Healthcare Officer, Association of American Medical Colleges
 11:30 am–Noon Business Meeting Napoleon Ballroom BC (3rd Floor)

Noon–1 pm	ASA Guidelines for Blood Transfusion	Napoleon Ballroom BC (3rd Floor)
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Moderator: Greg Nuttall, MD

Noon–1:30 pm	Lunch & Digital Abstract Presentations With Exhibitors (No CME)	Grand Ballroom (5th Floor)
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Moderators: TBD

1:30–3 pm	Cardiac Physiology	Napoleon Ballroom A (3rd Floor)
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Moderator: Andrew S. Weisinger, MD
 Does This Patient Really Need a Pericardectomy?—Edwin G. Avery, MD
 Structure and Function of the Left Atrial Appendage—Robina Matyal, MD
 Dynamic Markers of Intraoperative Instability—Balachundhar Subramaniam, MD
 Physiology of the “Other” Ventricle—Andre Y. Denault, MD
 Q & A

1:30–3 pm	EACTA: Cardiac Risk Assessment	Napoleon Ballroom BC (3rd Floor)
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Moderator: Manfred D. Seeberger, MD
 Preoperative Risk Stratification in Cardiac Surgery Patients—Marco Ranucci, MD
 Intraoperative Detection of Unexpected Risks: Evidence-Based Choice in Monitoring?—Gregory W. Fischer, MD
 Postoperative Troponin Elevation: Increased Risk or Inevitable Fact?—Miodrag Filipovic, MD

1:30–3 pm	Oral Research Presentations II	Bayside BC (4th Floor)
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Moderator: Mark Stafford-Smith
 3–3:30 pm Coffee Break With Exhibitors Grand Ballroom (5th Floor)

3:30–5 pm	Ethics	Bayside BC (4th Floor)
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Moderator: E. Andrew Ochroch, MD
 Informed Consent and Our Role in Obtaining It—Annemarie Thompson, MD
 The Ethical Guidelines of Expert Witness Testimony—Michele Sumler, MD
 How Old Is Too Old?—Jonathan R. Gavrin, MD
 What is the Dead Donor Rule and Should It Be Abandoned?—James P. Hofmann, MD

SCHEDULES

3:30–5 pm	Quality Metrics	Napoleon Ballroom BC (3rd Floor)
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Moderator: Saket Singh, MD

Report Cards and Dollars: How Quality Pays—Avery Tung, MD

What Should I Know About SCIP, ACS, NSQIP, and NQF, and Why?—James H. Abernathy III, MD, MPH

Cardiac Surgeons Get Report Cards, Are We Next?—Joseph S. Savino, MD

Moderator: Gautam Sreeram, MD

Fewer Coronaries and More VADs and TAVIs? What Does the Future Hold and Can We Afford It?—P. Eugene Parrino, MD

New Healthcare Paradigms: Trouble or Opportunity?—Ronald G. Pearl, MD, PhD

Educating Our Future Leaders in an Era of Belt Tightening—Mark F. Newman, MD

Panel Discussion

TUESDAY, APRIL 1

6:15 am–5:30 pm

Registration

6:45–8 am

Problem-Based Learning Discussions 15–21. See page 17 for details.

Various Rooms (8th Floor)

7–8 am

Continental Breakfast

Napoleon Ballroom Foyer (3rd Floor)

8–10 am	Heparin Free CPB	Napoleon Ballroom BC (3rd Floor)
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Moderator: Muhammad S. Ghotbi, MD

Your Emergency Case Really Has HIT: What Do You Do?—Kenichi Tanaka, MD

Altering the Circuit When Using DTI to Anticoagulate—Robert C. Groom, CCP, MS

Aptamer Technology and CPB—G. Burkhard Mackensen, MD, PhD, FASE

10–10:30 am

Coffee Break With Exhibitors

Grand Ballroom (5th Floor)

10:30 am–Noon	Ischemic Mitral Regurgitation	Napoleon Ballroom BC (3rd Floor)
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Moderator: Daryl Oakes, MD

Update in Ischemic MV Disease—Albert T. Cheung, MD

What's Wrong With This Valve?—Douglas Shook, MD, FASE

Repair or Replace, What Do the Data Say?—Stanton K. Shernan, MD, FASE

Noon–1:30 pm	Lunch and Digital Abstract Presentations With Exhibitors (No CME)	Grand Ballroom (5th Floor)
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Moderators: TBD

1:30–3 pm	Right Heart Function	Napoleon Ballroom A (3rd Floor)
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Moderators: Alina Nicoara, MD; Manfred D. Seeberger, MD

The RV: Anatomy, Physiology, and Pathophysiology—Andre Y. Denault, MD

Perioperative Assessment of the Right Heart—Jonathan B. Mark, MD

Right Heart Failure in Cardiac Surgical Patients—Alexander Mitnacht, MD

Panel Discussion

1:30–3 pm	Research—Perioperative B-Blockade and Stroke: A Cyclical Story of Translational Research	Napoleon Ballroom BC (3rd Floor)
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Moderator: Hilary P. Grocott, MD

The Experimental Link Between Beta Blockade, Anemia, and Stroke—Gregory Hare, MD, PhD

Perioperative Stroke in the Non-Cardiac Patient—Miklos D. Kertai, MD, PhD

Future Directions in Beta Blocker Clinical Trials—Scott Beattie, MD, PhD

SCHEDULES

1:30–3 pm	Databases	Bayside BC (4th Floor)
	<i>Moderator: Michael P. Eaton, MD</i>	
	Understanding Databases and Risk Adjustment—Laurent G. Glance, MD	
	Using Databases to Drive Quality Improvement—Colleen G. Koch, MD, MBA, FACC	
	Understanding Adverse Event and Error Registries—Joyce A. Wahr, MD	
3–3:30 pm	Coffee Break	Napoleon Ballroom Foyer (3rd Floor)
	<i>Moderator: Saket Singh, MD</i>	
	What Transfusion Trigger Is Indicated?—C. David Mazer, MD	
	Why and When Should I Give Platelets or FFP?—Stephen A. Esper, MD, MBA	
	Blood Transfusion as a Quality Indicator—Aryeh Shander, MD	
	Perioperative Anemia and Transfusion Management Protocols—Lawrence T. Goodnough, MD	
3:30–5 pm	Diastolic Dysfunction	Napoleon Ballroom A (3rd Floor)
	<i>Moderator: Andra E. Duncan, MD</i>	
	Echo Evaluation of Diastolic Function: Is There a Better Way?—Wanda M. Popescu, MD	
	My Patient Has Severe Diastolic Dysfunction, Now What?—Tara R. Brakke, MD, FASE	
	Asymptomatic Diastolic Dysfunction, Does it Matter?—Feroze Mahmood, MD	
3:30–5 pm	Oral Research Presentations III	Bayside BC (4th Floor)
	<i>Moderator: Linda Shore-Lesserson, MD</i>	
5–6:30 pm	Hollywood Squares—SCA Style	Napoleon Ballroom BC (3rd Floor)
	<i>Moderator: Michael P. Eaton, MD</i>	
	Audience volunteers may sign up at the meeting.	

WEDNESDAY, APRIL 2

6:15–11 am	Registration	
6:45–8 am	Problem-Based Learning Discussions 22–24. See page 17 for details.	Various Rooms (8th Floor)
7–8 am	Continental Breakfast	Napoleon Ballroom Foyer (3rd Floor)
WORKSHOPS	Amanda Fox, MD, MPH, Workshop/PBLD Coordinator	
8–11 am	Morning Workshops	
	Workshop 6: 3D Echocardiography—Alina Nicoara, MD; Sasha Shillcutt, MD, FASE	Napoleon Ballroom A (3rd Floor)
	Workshop 7: Extracorporeal Life Support	Napoleon Ballroom B (3rd Floor)
	—Chad E. Wagner, MD; Mark A. Taylor, MD, FASE	
	Workshop 8: Fellow Program Workshop: TEE (<i>For fellows only</i>)—	
	Annemarie Thompson, MD; William C. Culp, Jr., MD	Maurepas (3rd Floor)

SCHEDULES

PROBLEM-BASED LEARNING DISCUSSIONS (PBLDs)

Amanda Fox, MD, MPH, Workshop/PBLD Coordinator

Moderators: E. Andrew Ochroch, MD; Mark A. Taylor, MD, FASE

Each table is limited to 15 participants and two faculty members to allow for small group interaction, discussion, and exchange of ideas. All sessions are held on the 8th floor.

Sunday, March 30, 2014			Room
PBLD 1	Modifying Renal Injury Risk in Cardiovascular Surgery	Michele Sumler, MD; Mark Stafford-Smith, MD	817
PBLD 2	Lung Transplantation	Andrew J. Roscoe, MBChB, FRCA; Vera Dossow-Hanford, MD	821
PBLD 3	STS/SCA:TEE and Thoracic Aortic Surgery—What the Cardiac Surgeon Wants to Know	Edward P. Chen, MD; Stanton K. Shernan, MD, FASE	825
PBLD 4	Navigating Off-Pump CABG Surgery	Logan Kosarek, MD; Davy Cheng, MD, MSC, FRCPC	829
PBLD 5	Brain Protection During Deep Hypothermic Circulatory Arrest	Kishan Dwarakanath, MD; Marc S. Kanchuger, MD	816
PBLD 6	Coagulopathy in Cardiac Surgery	Ravi V. Joshi, MD; Roman Sniecinski, MD, FASE	820
PBLD 7	Lung Isolation for Cardiovascular Surgeries and Interventions	Lebron Cooper, MD; Jens Lohser, MD, MSC, FRCPC	824
Monday, March 31, 2014			
PBLD 8	Preventing and Managing Neurological Dysfunction After Cardiac Surgery	J. Mauricio Del Rio, MD; Hilary P. Grocott, MD	817
PBLD 9	Descending Thoracic Aortic Repair: Spinal Cord Protection Strategies	Harendra Arora, MD; Albert T. Cheung, MD	821
PBLD 10	FOCUS: Perfecting Transitions of Care	James H. Abernathy III, MD, MPH; Joyce A. Wahr, MD	825
PBLD 11	Cardiomyopathy and Pulmonary Resection	Randal S. Blank, MD, PhD; Michael J. Andritsos, MD	829
PBLD 12	Prevention and Management of Atrial Fibrillation After Cardiothoracic Surgery	Thomas Edrich, MD; Jacob T. Gutsche, MD	816
PBLD 13	What to Do About Secondary Tricuspid Regurgitation?	Alina Nicoara, MD; Georges Desjardins, MD, FRCPC, FASE	820
PBLD 14	Preoperative Evaluation and Optimization of the Same-Day Admit Cardiac Surgical Patient	Carlos Trombetta, MD; George Silvay, MD	824
Tuesday, April 1, 2014			
PBLD 15	ECMO in Practice	Yasdet Maldonado, MD; Chad E. Wagner, MD	817
PBLD 16	Mitral Repairs: Challenges With Degenerative Mitral Valve Disease	Erik P. Anderson, MD; Christopher A. Troianos, MD	821
PBLD 17	Bronchopleural Fistula	Sherif I. Assaad, MD; E. Andrew Ochroch, MD	825
PBLD 18	Non-Cardiac Surgery and the Adult Congenital Heart Patient	Marco Aguirre, MD; Katherine Rouine-Rapp, MD	829
PBLD 19	Can Simulation Result in Meaningful TEE Training?	Benjamin Sohmer, MD; Feroze Mahmood, MD	816
PBLD 20	Robotic Cardiac Surgery	Anand R. Mehta, MD; Jennie Y. Ngai, MD	820
PBLD 21	Avoiding Problems With Pacemakers and ICDs	Yong G. Peng, MD, PhD; Jonathan Ho, MD	824
Wednesday, April 2, 2014			
PBLD 22	Transcatheter Aortic Valve Replacement (TAVR)	George B. Whitener, MD; G. Burkhard Mackensen, MD, PhD, FASE	817
PBLD 23	Ventricular Assist Devices: Troubleshooting After Implantation	Edward Kahl, MD; Robert N. Sladen, MBChB, FCCM	820
PBLD 24	Managing Acute Pulmonary Hypertension	J. Daniel Muehlschlegel, MD; Alexander Mitnacht, MD	821

SCHEDULES

WORKSHOPS

Amanda Fox, MD, MPH, Workshop/PBLD Coordinator

SATURDAY, MARCH 29

8–11 am

Morning Workshops

Workshop 1: Percutaneous Valve Replacement

Napoleon Ballroom A (3rd Floor)

Moderators: Muhammad S. Ghotbi, MD; Annemarie Thompson, MD

Start Me Up: An Interventionalist's Perspective—Jacob Mishell, MD

You Can't Always Get What You Want: Imaging Modalities and TEE—Yianni Augoustides, MD

Satisfaction: The Leipzig Experience—Joerg Ender, MD

Heart of Stone: Controversies, Cases, and Conundrums—Jacob Mishell, MD

Small Group Sessions: 3 stations, 20 minutes each

PBLD—Kishan Dwarakanath, MD; Nelson Thaemert, MD; Yianni Augoustides, MD; Joerg Ender, MD

Hands-On Workstation—Jacob Mishell, MD; Albert T. Cheung, MD

3D Assessment in TAVR—Muhammad S. Ghotbi, MD; Annemarie Thompson, MD; Douglas Shook, MD, FASE;

G. Burkhard Mackensen, MD, PhD, FASE; Brian J. Gelfand, MD, Stanton K. Shernan, MD, FASE,

Mias Pretorius, MBChB, MSCI

Workshop 2: Intermediate TEE

Borgne (3rd Floor)

Moderator: Feroze Mahmood, MD

LV Function—Brenda M. MacKnight, MD

RV Function—Alexander Mitnacht, MD

Aortic Valve Disorders—Benjamin Sohmer, MD

Quantification of MR—John D. Mitchell, MD

Quantification of TR—Alina Nicoara, MD

TEE and Intracardiac Chamber Pressures—Andre Y. Denault, MD

1–4 pm

Afternoon Workshops

Workshop 3: Advanced TEE

Borgne (3rd Floor)

Moderators: Feroze Mahmood, MD; Daryl Oakes, MD

Unexpected Moderate AR: Does It Matter?—Robert L. Lobato, MD

Unexpected Moderate TR—Madhav Swaminathan, MD, FASE, FAHA

Unexpected Congenital Anomaly Undergoing Cardiac Procedure—Komal Kamra, MD

Strain Analysis and Speckle Tracking: The Role in the OR—Nikolaos J. Skubas, MD, FASE

Overview of 3D Echo in the OR—Stanton K. Shernan, MD, FASE

Role of Simulation in TEE Training—Robina Matyal, MD

Workshop 4: Basic Transthoracic Echo

Gallery (1st Floor)

Moderator: Sasha Shillcutt, MD, FASE

Basic TTE Views and Comparison TEE Views—Candice R. Montzingo, MD, FASE

The Basic TTE Examination—Tara R. Brakke, MD, FASE

TTE Applications for the Perioperative Physician—Julian S. Bick, MD

8 Hands-On Stations—Julian S. Bick, MD; Tara R. Brakke, MD, FASE; Georges Desjardins, MD, FRCPC, FASE; Jose L.

Diaz-Gomez, MD; Thomas Edrich, MD; Candice R. Montzingo, MD, FASE; Walker R. Thomas, BS, RDCS; Joshua

Zimmerman, MD

Workshop 5: Cardiac Imaging—Fluoroscopy, CT, MRI:

Bayside BC (4th Floor)

A Primer for the Cardiovascular Anesthesiologist

Moderators: Wendy L. Gross, MD; Andrew S. Weisinger, MD

Fluoroscopy—Jacob Mishell, MD

Cardiac CT—Milind Desai, MD, FACC, FAHA, FESC

Cardiac MRI—Sanjeev A. Francis, MD

SCHEDULES

WEDNESDAY, April 2

8–11 am

Morning Workshops

Workshop 6: 3D Echocardiography

Napoleon Ballroom A (3rd Floor)

Moderators: Alina Nicoara, MD; Sasha Shillcutt, MD, FASE

Introduction to 3D Imaging Modalities and Live 3D Acquisition—Candice R. Montzingo, MD, FASE

Gated 3D Imaging: 3D Full-Volume and Color-Flow Imaging—G. Burkhard Mackensen, MD, PhD, FASE

Common Applications and 3D Work Flow in the OR—Douglas Shook, MD, FASE

8 Workshop Stations—George B. Whitener, MD; Alina Nicoara, MD; Logan Kosarek, MD; Candice R. Montzingo, MD, FASE; Tara R. Brakke, MD, FASE; Joshua Zimmerman, MD; Erik P. Anderson, MD; G. Burkhard Mackensen, MD, PhD, FASE; Jonathan Ho, MD; Douglas Shook, MD; Georges Desjardins, MD, FRCPC, FASE; Walker Thomas, BS, RDCS

Workshop 7: Extracorporeal Life Support

Napoleon Ballroom B (3rd Floor)

Moderators: Chad E. Wagner, MD; Mark A. Taylor, MD, FASE

ECMO Evaluation 2014: Lessons Learned From Looking Backwards and Forwards—Charles Hill, MD

ECMO Primer: A How-to Approach—Jason D. Kennedy, MD

Case Studies—Steven Miller, MD; Jason D. Kennedy, MD; Chad E. Wagner, MD; Patrick N. Odonkor, MD; Mark A. Taylor, MD, FASE; Charles Hill, MD

Workshop 8: Fellow Program Workshop: TEE (*For fellows only*)

Maurepas (3rd Floor)

Moderators: Annemarie Thompson, MD; William C. Culp, Jr., MD

Hemodynamic Calculations: Thinking, Not Memorizing—Mary Beth Brady, MD

Diastology: Making It a Part of Your Everyday TEE Exam—Wanda M. Popescu, MD

Physics of Ultrasound: Not “Oh, No” ... “Oh, Yes!”—William S. Whitley, MD

Artifacts and Pitfalls: Don't Get Fooled—Brigitte Messenger, MD

Congenital Heart Defects—Katherine Rouine-Rapp, MD

Closing Remarks—Annemarie Thompson, MD; William C. Culp, Jr., MD

Oral Presentations I

Sunday, March 30, 4–5:30 pm

Microvascular Platelet Activation as a Determinant of Ischemia-Reperfusion Injury in a Rat Model of Deep Hypothermic Circulatory Arrest

Joern Karhausen; Laura Mitrescu, BS; Hae Woong Choi, MS; Qing Ma, MD; Soman N. Abraham; Duke University Medical Center

Preoperative Aspirin Dosing Strategy and Its Associated Mortality After Coronary Artery Bypass Graft Surgery

Yi Deng, MD; Vei-Vei Lee, MS; Paul Pisklak, MD; Charles D. Collard, MD, MS; MacArthur A. Elayda, MD, PhD; Wei Pan, MD; Texas Heart Institute

Right Heart Dysfunction as a Predictor of Adverse Events After Cardiac Surgery

Cory D. Maxwell, MD; Miklos Kertai, MD, PhD; Barbara Phillips-Bute, PhD; Manuel L. Fontes, MD; Jacob Schroder, MD; Madhav Swaminathan, MD; Alina Nicoara, MD; Duke University

Complications of Spinal Fluid Drainage in Thoracoabdominal Aortic Aneurysm Repair in 694 Patients Treated From 1987 to 2013

Joshua J. Sebranek, MD; Erich N. Marks, MD; Travis L. Engelbert, MD; CW Acher, MD; Martha M. Wynn, MD; University of Wisconsin

Do You Know Where Your Balloon Is? A Case Series Demonstrating the Use of Single- and Double-Lumen Endotracheal Tubes With a Tracheal Camera to Facilitate Lung Isolation

Carrie Hamby; Edmond Cohen, MD

Perioperative Intravenous Lidocaine Infusion Reduces Postoperative Pain Scores and Hospital Stay After Cardiac Surgery

Rebecca Klinger, MD, MS; Ashraf S. Habib, MD; William D. White, MPH; Mark Stafford-Smith, MD; Mark F. Newman, MD; Joseph P. Mathew, MD; Duke University

Identification of Preoperative Risk Factors Associated With Subclinical and Clinically Significant Increases in Serum Creatinine After Coronary Artery Bypass Grafting

Wendell H. Williams, III, MD; Daniel A. Tolpin, MD; Vei-Vei Lee, MS; Charles Collard, MD, MS; MacArthur Elayda, MD PhD; Wei Pan, MD; Texas Heart Institute

Measurement of Aortic Valve Annular Dimensions Using 3-Dimensional Echocardiographic Reconstruction Compared to Intraoperative Surgical Measurement

Trevor Szymanski; Jared W. Feinman, MD; MGH

Spinal Neuraxial Control of Ventricular Myocardial Excitability

Kimberly Howard-Quijano, MD; Kentaro Yamakawa, MD; Wei Zhou, PhD; Kalyanam Shivkumar; Aman Mahajan, MD, PhD

Oral Presentations II

Monday, March 31, 1:30–3 pm

Fiber Optic Spectroscopic Monitoring for Spinal Cord Ischemia

Thomas F. Floyd; Angela S. D'souza, MS; Thomas V. Bilfinger, MD, ScD; Robert M. Galler, DO; Rickson Mesquita, PhD; Steven Schenkel, BS; Arjun G. Yodh, PhD; Stony Brook University

Assessment of the Aortic Valve Annulus for TAVR: Comparing 3D TEE to 3D CT

Jeffrey Swanson, MD; Douglas Shook, MD; Xiaoxia Liu, MS; Charles B. Nyman, MBBCh; Brigham and Women's Hospital

Epistasis between Genetic Markers Associated With Ambulatory and Postoperative Atrial Fibrillation After Cardiac Surgery

Martin I. Sigurdsson, MD, PhD; Mahyar Heydarpour, PhD; Charles D. Collard, MD, MS; Stanton Shernan, MD; Louis Saddic, MD, PhD; Jochen D. Muehlschlegel, MD, MMSc; Amanda Fox, MD, MPH; Simon Body, MD; Brigham and Women's Hospital

Evaluation of Arterial PCO₂ as a Vasodilator for Enhancing Myocardial Perfusion

Roya Yumul, MD, PhD; Hsin-Jung Yang, MS; Jun Tang, MD; Antonio Hernandez Conte, MD, MBA; Ivan Cokic; Joseph A. Fisher, MD; Rohan Dharmakumar; Cedars-Sinai Medical Center

Acute Kidney Injury After CABG Surgery: Do Platelets Matter?

Shan Zhou; Shannon Tew, MD; Edmund Jooste, MBChB; Miklos Kertai, MD, PhD; Alina Nicoara, MD; Barbara Phillips-Bute, JD, PhD; Ian Welsby, MB, BS; Solomon Aronson, MD, MBA; Jerrold H. Levy, MD; Manuel L. Fontes, MD; Duke Medical Center

Predictors of Delirium After Trans-Catheter Aortic Valve Implantation Procedures.

George Djaiani; Sheila M. Hart, MBChB; Eric Horlick; RJ Cusimano; Rita Katznelson; Massimiliano Meineri; Vivek Sharma; Jo Carroll; Rima Styra, MD; Toronto General Hospital

The Relationship of Beta-Blocker Use With Postoperative Stroke and Operative Mortality After Cardiac Surgery

Chandrika Garner, MD; Igor Akushevich, PhD; Manuel Fontes, MD; Alina Nicoara, MD; Mark Stafford-Smith, MD; Mihai V. Podgoreanu, MD; Mark F. Newman, MD; Joseph P. Mathew, MD; Miklos Kertai, MD PhD; Duke University Medical Center

Reactive Electroacupuncture Mitigates Transient Ischemia-Induced Myocardial Infarction

Enrique D. Escobar, MD; Wei Zhou, PhD; Kimberly Howard-Quijano, MD; Kentaro Yamakawa, MD; Aman Mahajan, MD, PhD; University of California, Los Angeles

A Multistate Analysis of Readmission Rates for Isolated Aortic Valves Replacement

Zachary A. Turnbull, MD; Natalia Ivascu; Gregory P. Giambone, MS; Jonathan M. Eskreis-Winkler, BA; Akshay U. Bhat, MEng; Ramin Zabih, PhD; Peter Fleischut, MD; Weill Cornell Medical College

Oral Presentations III

Tuesday, April 1, 3:30–5 pm

Cellular Protection by Intralipid

Matthias L. Riess, MD, PhD; Stephen D. Shumpert, BS; John G. Krolkowski; Omoshalewa Bamkole, BS; Dorothee Weihrauch, PhD; Clement J. Zablocki; VA Medical Center

Increased Fibrosis, Oxidative Stress, and Apoptosis in the Aorta and Left Anterior Descending Artery of Diet Induced Hypercholesterolemia and Metabolic Syndrome

Thomas Huang; Khurram Owais, MD; Feroze Mahmood; Amit Bardia, MBBS; Mario Montealegre, MD; Kamal Khabbaz, MD; Robina Matyal, MD; Beth Israel Deaconess Medical Center

3-Dimensional Strain Imaging Identifies Regional Alterations in Dynamic Left Ventricular Function After Cardiac Surgery

Vanessa Henke, MD; Kimberly Howard-Quijano, MD; Enrique D. Escobar, MD; Kate J. Lee, BS; Jennifer Scovotti, MA; Aman Mahajan, MD, PhD; UCLA Ronald Reagan Medical Center

Comparison of the Effects of Coronary Artery Bypass With Cardioplegia Administration on the Signal Transducer and Activator of Transcription 3 Pathway Between Diabetic and Non-Diabetic Human Myocardial Tissues

Thomas Huang; Khurram Owais, MD; Feroze Mahmood; Amit Bardia, MBBS; Mario Montealegre, MD; Kamal Khabbaz, MD; Manoj Bhasin, PhD; Robina Matyal, MD; Beth Israel Deaconess Medical Center

Discordance in Grading Methods of Aortic Stenosis by Intraoperative Transesophageal Echocardiography

Jeff A. McKenzie, MD; William D. White, MPH; Jeffrey G. Gaca, MD; Madhav Swaminathan, MD, FASE, FAHA; George Whitener, MD; Duke University

Pulse Pressure, Cardiac Surgery and Acute Kidney Injury in the New Millennium

J. Mauricio Del Rio, MD; Manuel L. Fontes, MD; William D. White, MPH; Mihai V. Podgoreanu, MD; Solomon Aronson, MD, MBA; Joseph P. Mathew, MD; Miklos Kertai, MD, PhD; Duke University Medical Center/School of Medicine

Heart Failure and Epigenetic Regulation of the Immune Response

Alexander Kieber; Jacqueline Zilliox, BS; Joshua K. Beaver, BS; Jan Dieleman, MD; Diederik van Dijk, MD; Simon G. Gregory, PhD; Thomas J. Van de Ven, MD, PhD; Andrew Shaw, MBBS

Cognitive Trajectory Over 5 Years in Patients Undergoing CABG or Valve Surgery

Stylianos Voulgarelis, MD; Jeffrey N. Browndyke, PhD; Igor Akushevich, PhD; William D. White, MPH; Mark F. Newman, MD; Joseph P. Mathew, MD; Duke University Medical Center

Genome-Wide Association Study of Duration of Mechanical Ventilation After Coronary Artery Bypass Graft Surgery

Seungho Choi; Yunqi Ji, PhD; Yi-Ju Li, PhD; John Alexander, MD; Miklos Kertai, MD PhD; Madhav Swaminathan, MD; Mark Stafford-Smith, MD; Mark Newman, MD; Joseph P. Mathew, MD; Mihai V. Podgoreanu, MD; Duke University Medical Center

Digital Abstract Presentations

Monday, March 31, Noon–1:30 pm

Operating Room Fire Prevention: Creating an Electrosurgical Unit Fire Safety Device

William Culp, MD; Bradly A. Kimbrough; Sarah Luna, Undergraduate Student; Aris J. Maguddayao, AA; Texas A&M University College of Medicine

Using a Mobile Tablet Device Improves Efficiency in Perioperative TEE Reporting

Sharon McCartney, MD; Brandi Bottiger, MD; Igor Akushevich, PhD; Alina Nicoara, MD; Mamata Yanamadala, MBBS, MS; Madhav Swaminathan, MD, FASE, FAHA; Duke University Medical Center

Intraoperative Aorto-Right Ventricular Fistula After Transcatheter Aortic Valve Replacement

Vanetta Levesque; Fred Usoh, MD; Walter Bethune, MD; Maimonides Medical Center

Intraoperative Diagnosis of Subaortic Membrane With 3-Dimensional Transesophageal Echocardiography

Andrea B. Reidy, MD; Christopher A. Troianos, MD; Jun Yan, MD; Anthony F. Dempsey, MD; Allegheny Health Network

Rescue Transesophageal Echocardiography in the Hemodynamically Unstable Obstetrical Patient

Peter Burrage, MD, PhD; Stanton Sherman, MD; John A. Fox, MD; Jan N. Hilberath, MD; Brigham and Women's Hospital

Developing a Cardiopulmonary Bypass Separation Checklist: Consensus via a Modified Delphi Technique

Shanna R. Ogden, MD; William Culp, MD; Frank J. Villamaria, MD, MPH; Timothy R. Ball, MD; Texas A&M University College of Medicine

Can We Predict Aortic Insufficiency Following Left Ventricular Assist Device Insertion?

Suzanne Kellman, MD; Andrew Feider, MD; Mark A. Chaney, MD; University of Chicago

Prospective Randomized Clinical Trial Comparing Routine Intraoperative Transesophageal Echocardiography to Standard Care During Radical Cystectomy

Devin Roberts, MD; Mark A. Chaney, MD; University of Chicago

Concerted Blood Conservation Program Significantly Reduces Blood Transfusion Rates in Cardiac Surgery

William Travis Lau; Nicholas Dang; Queen's Medical Center

Perioperative Management of Patients With Left Ventricular Assist Devices for Non-Cardiac Procedures: A Survey of Current Practices

Richard Sheu, MD; Brijen L. Joshi, MD; Kane High, MD; Duc Pham, MD; Renata Ferreira, MD; Frederick C. Cobey, MD MPH FASE; Tufts Medical Center

Initiating A Minimally Invasive Cardiac Surgical (MICS) Program: Peripheral Retrograde Coronary Sinus Cannulation (CSC) Is Not an Obstacle.

Jonathan Parmet; Darryl H. Berkowitz, MBCh(Wits); Kevin F. Schmanek, CRNA; Marla A. Grutkowski, CRNA; Robert Farivar, MD, PhD; SHAC

Effects of Digoxin on Gene Expressions Related to Myocardial Fibrosis in Cultured Rat Cardiomyocytes

Henry Liu; Juan Tan; Mingbing Chen; Nakeisha L. Pierre, MD; Lihua Zhang; Sabrina Bent; Frank Rosinia, MD; Aaron Seller; Robbie Timmerman, MD; Steven Robicsek, MD, PhD; Gregory Janelle, MD; Tulane University Medical Center

Thromboembolic Complications and Transesophageal Echocardiography Evaluation

Aaron Seller; Robbie Timmerman, MD; Steven Robicsek, MD, PhD; Gregory Janelle, MD; UF at Shands Hospital

Mortality and Morbidity Following Open Repair of Descending Thoracoabdominal Aneurysm (DTAA) Repair: A Retrospective Review.

Lisa P. Solomon, DO; Jayanta Mukherji, MBBS; Taqdees Sheikh, MD; Kristin Bevil; Jeffrey P. Schwartz, MD; Loyola University Medical Center

A Model to Predict the Number of Units of Red Blood Cells to Crossmatch Based on Procedure and Patient Factors for Cardiac Surgery

Brian Barrett, MD; Barbara Phillips-Bute, JD, PhD; Shan Zhou, MD; Manuel Fontes, MD; Ian Welsby, MB BS; Duke University

The Usage of Antifibrinolytics at Major US Cardiothoracic Centers

Kenneth D. Eichenbaum; Pieter J. Van der Starre, MD, PhD; Stanford University Medical Center

Excess Anesthetic Depth Does Not Influence the Rate of Postoperative Atrial Fibrillation in Adult Cardiac Surgery

David Broussard; George M. Gilly, Jr., MD; Adam Schwarz, MD; Neil M. DiGiovanni, MD; Adriana Dornelles, PhD, MPH; Ochsner Health System

Cardiopulmonary Bypass Does Not Increase S100B Concentration in Cerebrospinal Fluid

Richard I. Hall, MD FRCPC FCCP; Yan Wang; Lisa Julien; Jeremy R. Wood, MD; Kerry Goralski; Dalhousie University

Time to Extubation and Acute Kidney Injury in Cardiac Surgical Patients—A Retrospective Analysis.

Matthias Heringlake, MD; Yvonne Nowak; Julika Schön, MD; Hauke Paarmann, MD; Jens Trautmann, MD; Astrid Ellen AB. Berggreen, MD; University of Luebeck

Left Ventricular Contractility as Measured by the Maximum dP/dt Is Associated With the Fractal Dimension of Systolic Blood Pressure

Michael Shapiro, PhD; Ebenezer Tolman, BS; Brijen Joshi, MD; Roman Schumann, MD; Stefan Ianchulev, MD; Aimee Stukowski, BSN, RN; Fred C. Cobey, MD, MPH, FASE; Tufts Medical Center

Developing an Interdisciplinary Cardiac-Specific Checklist for a Complex Surgical Environment

Evans Brown; Douglas Shook, MD; Tjorvi E. Perry, MD, MMSc; University of Minnesota Medical School; Rex B. Foster, III, MD; Pamela B. Clement, RN; Holly Richards, Director of Research; Alex Justicz, MD; David A. Langford, MD; Gwinnett Medical Center

The Role of Ethnicity in New Onset Post Coronary Artery Bypass Graft Atrial Fibrillation: Indians Have a Lower Risk Than Chinese and Malays

Lian K. Ti, MBBS; M Med; Sophia S. Chew, MBBS, MMED, FANZCA; Wei Zhang; Weiling Liu; National University Health System

Tricuspid Annular Plane Systolic Excursion in the Modified Deep Transgastric Right Ventricular View as an Alternative for Right Ventricular Function Assessment

Anna Flo; Elham Hasheminejad, MD; Joerg Ender, MD; Herzzentrum Leipzig

The Use of Rotational Thromboelastometry (ROTEM®) to Define Post Bypass Coagulation Abnormalities in Pediatric Cardiac Surgical Patients: A Prospective Observational Study

Linges Sivanesan; James Littlejohn, MD, PhD; Kelli O'Connell, BA; Jacques H. Scharoun, MD; Ralph L. Slepian, MD; Aarti Sharma, MD; New York Presbyterian—Weill Cornell Medical Center

Intra- and Inter-Centre Standardisation of Thromboelastography

Seema Agarwal, BM, BS, FRCA; Clare Quarterman; Matthew A. Shaw, MSc; Liverpool Heart and Chest Hospital

The Use of Echo-Contrast for Imaging Guided Pulmonary Artery Catheter Placement.

Luiz Maracaja-Neto; Raj Modak, MD; Jamel P. Ortoleva, MD; Yale New Haven Hospital

Association Between Goal-Directed Volume Management and Mortality in Cardiac Surgery Patients With Sepsis—A Retrospective Analysis

Marit Habicher; Felix Balzer, MD; Viktor Mezger; Michael Sander, MD; Charite-Universitaetsmedizin Berlin

Systolic Hypertension and Major Adverse Cardiac Events in Cardiac Surgical Patients

Ryan Konoske; Shan Zhou, MD; Miklos Kertai, MD, PhD; J. Mauricio Del Rio, MD; Sean M. Daley, MD; William D. White, MPH; Solomon Aronson, MD, MBA; Mihai V. Podgoreanu, MD; Joseph P. Mathew, MD; Manuel L. Fontes, MD; Duke University Medical Center

Hepcidin and Erythropoietin: Potential Clinical Markers for Early Detection of Tissue Hypoxia During Hemodilutional Anemia in Cardiac Surgery

Albert Tsui; Razak A. Pirani; Liam Dai; Keith M. Lee, BHSc; Philip A. Marsden, MD; C. David Mazer; Gregory M. Hare, MD, PhD; St. Michael's Hospital

Effect of Mannitol on Reperfusion Related Injury

Miguel A. Yapor; Ira Hoffer, MD; John Spivack, PhD; Alan Contreras-Saldivar; Samuel DeMaria, MD; Mount Sinai Medical Center

Association Between Anesthesiologist and Perioperative Outcomes After Orthotopic Liver Transplantation

Miguel A. Yapor; Ira Hoffer, MD; John Spivack, PhD; Samuel DeMaria, MD; Icahn School of Medicine at Mount Sinai

Perioperative Management of the Total Artificial Heart: Troubleshooting Atrial Anatomy

Michael A. Marques, MD, PhD; Stanford Hospital and Clinics

To Cancel or Not to Cancel: Differential Diagnosis Between Polylobar Left Atrial Appendage and Thrombus

Oscar D. Aljure; Dorothea Kadian, DO; Yilliam Rodriguez, MD; Edward Gologorsky, MD; University of Miami/Jackson Memorial Hospital

Anesthetic Management of a Patient With Emery-Dreifuss Muscular Dystrophy for Total Artificial Heart Placement and Heart Transplant

Manxu Zhao, MD; Antonio Hernandez Conte, MD, MBA; Francisco A. Arabia, MD; Daniel Sullivan, MD; Fardad Esmailian; Cedars-Sinai Medical Center

Effect of Postoperative Vibratory Positive Expiratory Pressure After Thoracoscopic Lung Resection Surgery

Jun Yeol Bae, MD; Youn Joung Cho, MD; Tae Kyong Kim, MD; Yong-Hun Lee, MD; Jeong-Hwa Seo, MD; Jae-Hyon Bahk; Deok Man Hong, MD; Yunseok Jeon, MD; Seoul National University Hospital

The Use of 3D Transesophageal Echocardiography in Patients Undergoing Percutaneous Catheter-Based Left Atrial Appendage Ligation

Meredith Goodwin, MD; Ernesto Salcedo, MD; Tamas Seres, MD, PhD; Duy Nguyen, MD; University of Colorado Denver

Tissue Microcirculation Measured by Vascular Occlusion Test, Cerebral Oxymetry, and Forearm-Fingertip Skin Temperature Gradient During Anesthesia Induction: An Observational Study

Jun Yeol Bae, MD; Tae Kyong Kim, MD; Youn Joung Cho, MD; Jeong Jin Min, MD; Jae-Hyon Bahk; Deok Man Hong, MD; Yunseok Jeon, MD; Seoul National University Hospital

Qualitative and Quantitative Evaluation of Functional Mitral Regurgitation: A Comparison of 2D versus 3D TEE Techniques

Elena Ashikhmina, MD, PhD; John A. Fox, MD; Douglas Shook, MD; Charles B. Nyman, MBCh; Luigino Nascimben, MD, PhD; Bruce A. Bollen, MD; Stanton Shernan, MD; Brigham and Young Women's Hospital

Can We Predict the Development of Early Postoperative Bleeding After the Surgery Using Cardiopulmonary Bypass? Time to Change Our Approach

Ji Hye Kwon; Eun Hee Kim; Jong-Hwan Lee, MD, PhD; Sang Hyun Lee, MD; Sangmin M. Lee; Kiick Sung; Samsung Medical Center, Sungkyunkwan University School of Medicine

Assessment of the Pulmonary Valve Using 3D Transesophageal Echocardiography

Meredith Goodwin, MD; Marshall Stafford, MD; Tamas Seres, MD, PhD; University of Colorado Denver

The Effect of Dosage and Timing of Preoperative Statin on Mortality After Coronary Artery Bypass Graft Surgery

Nichlesh Patel, MD; Yi Deng, MD; Vei-Vei Lee, MS; MacArthur Elayda, MD, PhD; Charles D. Collard, MD, MS; Wei Pan, MD; Texas Heart Institute

Double Atrial Septum Presenting With Severe Mitral Stenosis: 3D TEE Imaging

Marshall Stafford, MD; Meredith Goodwin, MD; Nathaen Weitzel, MD; University of Colorado

Inhalation Agents for the Treatment Of Pulmonary Hypertension in Patients Undergoing Cardiac Surgery: A Systematic Review and Meta-Analysis

Mahsa Elmi-Sarabi; Alain Deschamps, MD, PhD; Stephane Delisle, RRT, PhD, FCCM; Yoan Lamarche, MD; Hosham Ased; Louis P. Perrault; Jean J. L. Lambert, PhD; André Y. Denault; Montreal Heart Institute

Adrenocortical Adenocarcinoma Invading the IVC and Entering the Right Atrium

Diba Daneshrad; Adam Barus; Margot Denham, MD; Cedars Sinai Medical Center

Advancing Extubation Time for Cardiac Surgery Patients Using Lean Work Design

Jacob Gutsche, MD; Lee K. Erickson, MD; John G. Augoustides, MD; Joseph DiMartino, MSN, RN; Mary Ann Jones, RN, MSN, CRNP; E. Andrew Ochroch, MD; Bernard J. Lane, MD; University of Pennsylvania

Impact of Acute Normovolemic Hemodilution and Cardiopulmonary Bypass on Serum-Creatinine Level During Cardiac Surgery

Tae-Yop Kim; Chung-Sik Oh, MD; Woon-Seok Kang; Seong-Hyop Kim; Tae-Gyoon Yoon; Ju-Han Lee; Konkuk University Medical Center

Modified Ultrafiltration After Cardiopulmonary Bypass Reduces Intraoperative Use of Packed Red Blood Cell Transfusion

Andrew Feider, MD; Adin-Cristian Andrei, PhD; Saadia Sherwani, MD; Joshua Herborn, MD; S. C. Malaisrie, MD; Northwestern University

Utility of 3D Echo in Evaluating a Large Embolus Traversing a PFO

Paul D. Perring, MD; University of Michigan

The Impact of Training in the Use of Ultrasound to Guide Vascular Access Procedures

Luis E. Reyes, MD; Luis Munoz, MD; Victor Neira; Othman Sulaiman, MD; Hospital de San Jose

Can the Anesthesiologist Use the Radial Artery After Transradial Cardiac Catheterization?

Hamdy Awad, MD; Motaz Abas, BS; Michelle Brown; Eduardo Quevedo, MD; Galina Dimitrova, MD; Michael K. Essandoh, MD; Ohio State University

Does a Relationship Exist Between Length of Formal Echocardiography Education and Performance on the Advanced Perioperative Echocardiography Exam?

Henry Shih, MD; Javarro A. Russell, PhD; Linda Shore-Lesserson, MD; Hofstra North Shore-LIJ School of Medicine

Cerebral Oxymetry and Post-Cardiac Surgery Delirium

Tanya Mailhot, RN, PhD(c); Sylvie Cossette, RN, PhD; André Denault, MD, PhD; Yoan Lamarche, MD; Marie-Claude Côté, MD; Marie-Claude Guertin, PhD; Montreal Heart Institute

Reliability of an Evaluation Tool for Assessing Transfers of Care (“Handoffs”) from the OR to the ICU following Cardiac Surgery

Philip E. Greilich, MD; Shi Yu; Mark Davidov, MD; Alycia Wanat-Hawthorne, MD; Lasya Challa, BS; Ayse P. Gurses, PhD; Mahiyar F. Nasarwanji, PhD; Dan M. Meyer, MD; Linda S. Hynan, PhD; Kenni L. Landgraf, RN, BSN; UT Southwestern Medical Center at Dallas

MiR-155 as a Potential Therapeutic Target for Ischemic Spinal Cord Injury Caused by Aortic Cross Clamping

Esmerina Tili, PhD; Melissa Brown; Xiaomei Ming; Motaz Abas, BS; Hamdy Awad, MD; OSU

Efficacy of Acute Normovolemic Hemodilution for Blood Conservation in Cardiac Surgery: A Single Center Retrospective Analysis

Mary E. Arthur, MD; Sanjay Dwarakanath, MD; Nadine Odo, BA; Erica Hawthorne, BS, CCP; Vinayak Kamath, MD; Georgia Regents University

Bundled Care and Quality Improvement in Cardiac Surgery: Building an Electronic Valve Pathway

Chad Wagner; Kathleen M. Burns, RN, BSN, MNEd, CCRN; Robin Steaban, RN, MSN; Leslie R. Mackowiak, RPh; Michael R. Petracek, MD; Vanderbilt University

Blood Transfusion Requirements in Aortic Valve Replacements With and Without Underlying Endocarditis

Hannah M. Dahn; Matthias MS. Scheffler, MD; Dalhousie University

Left Atrial Appendage Velocity as a Predictor for Postoperative Atrial Fibrillation After Cardiac Surgery

Oscar A. Lopez, MD; Ana Maria Manrique Espinel, MD; Peter J. Neuburger, MD; Jennie Ngai, MD; NYU Langone Medical Center

Perioperative Administration of Fibrinogen Does Not Increase Adverse Cardiac and Thromboembolic Events After Cardiac Surgery

Jens Fassl; Giovanna A. L. Lurati Buse, MD, MSc; Miodrag Filipovic, MD; Karl F. Hampl, MD; Manfred D. Seeberger, MD; Daniel Bolliger; University Hospital Basel, Switzerland

Low Dose Vasopressin Infusion Does Not Influence Microcirculatory Dynamics or Vasopressor Requirements During Cardiopulmonary Bypass: A Prospective, Randomized, Blinded Study

John M. Murkin; Mohamed Ismail, MB BCH; Puneet Goyal, MD, DM; Yves Bureau, PhD; University of Western Ontario

Basic Perioperative Echocardiography Training Course for Practicing Physicians Improves Recognition of Common Echocardiography Findings

Sasha K. Shillcutt, MD; Tara Brakke, MD; Walker R. Thomas, BS, RDCS; Stacey L. Therrien, BS; University of Nebraska Medical Center

An Interesting Case of Aortic Valve Incompetence

Margaret Doherty; Tirone David, MD; Peter Slinger; Toronto General Hospital

Does Personality Type Predict a Future in Adult Cardiothoracic Anesthesiology?

Scott McQuilkin; Mark Stafford-Smith, MD; Jeffrey Taekman, MD; Barbara Phillips-Bute, PhD; Catherine Kuhn, MD; Ryan J. Fink, MD; John Eck, MD; Peter Metzner, MA; Duke University

Correlation of Vena Contracta Width With 3D Color Flow Doppler Area

Remco Bergman, MD; Han Kim, MD; Jayent Jainandunsing, MD; Iwan C.C. I. van der Horst, MD, PhD; Feroze Mahmood; University Medical Center Groningen

The Association of Paravalvular Leak on Intraoperative Transesophageal Echocardiography After Transcatheter Aortic Valve Replacement With Mortality

Emily Teeter, MD; John Vavalle, MD; Alina Nicoara, MD; J. Kevin Harrison, MD; Jeffrey G. Gaca, MD; Madhav Swaminathan, MD; Mark Stafford-Smith, MD; Brandi Bottiger, MD; Duke University

Role of Intraoperative Neurophysiologic Monitoring in High-Risk Patients Undergoing Cardiac Surgery

Iwan P. Sofjan, MD; Kathirvel Subramaniam, MD; Parthasarathy Thirumala, MBBS; Stephen A. Esper, MD, MBA; Jose Marquez, MD; Jeffrey R. Balzer, PhD; Erin A. Sullivan, MD; Vinay Badhwar, MD; University of Pittsburgh

Incidence and Outcomes of Permanent Pacemaker Placement After Aortic Valve Replacement

Natalia Ivascu; Zachary A. Turnbull, MD; Gregory P. Giambrone, MS; Jonathan M. Eskreis-Winkler, BA; Akshay Bhat, MEng; Ramin Zabih, PhD; Peter Fleischut, MD; Weill Cornell Medical College

Re-Intubation After Cardiac Surgery: Incidence and Implications

Zachary A. Turnbull, MD; Natalia Ivascu; Gregory P. Giambrone, MS; Jonathan M. Eskreis-Winkler, BA; Akshay Bhat, MEng; Ramin Zabih, PhD; Peter Fleischut, MD; Weill Cornell Medical College

Underestimation of Eccentric Mitral Regurgitation on 2-Dimensional Echocardiography: The Coanda Effect

Mario Montealegre, MD; Khurram Owais, MD; Robina Matyal; Amit Bardia, MBBS; Feroze Mahmood; Beth Israel Deaconess Medical Center

3-Dimensional Path Course: A Tool for Qualitative Evaluation of Performance of Transesophageal Echocardiography Trainees

Mario Montealegre, MD; Khurram Owais, MD; John D. Mitchell, MD; Vanessa Wong, BS; David O'Halloran, MD; Feroze Mahmood; Robina Matyal; Beth Israel Deaconess Medical Center

Implementation of a Basic Curriculum for Perioperative Ultrasound During Anesthesiology Residency

Mario Montealegre, MD; John D. Mitchell, MD; Khurram Owais, MD; Feroze Mahmood; Vanessa Wong, BS; Brian Ferla; Robina Matyal; Beth Israel Deaconess Medical Center

Inter-Trigonal Distance in the Mitral Annulus—Moving Towards More Consistent Ring Sizing

Khurram Owais, MD; Evelyne Gone, BA; Mario Montealegre, MD; Jelliffe Jegannathan, MBBS; Kamal Khabbaz, MD; David C. Liu, MD; Robina Matyal; Feroze Mahmood; Beth Israel Deaconess Medical Center

Deconstruction of the Tricuspid Annulus

Khurram Owais, MD; Charles E. Taylor, PhD; Luyang Jiang, MD; Mario Montealegre, MD; Robina Matyal; Kamal Khabbaz, MD; David C. Liu, MD; Feroze Mahmood; Beth Israel Deaconess Medical Center

Adult Presentation Shone's Complex

Ahmed Kafafy, MD; Christopher M. Sattler, Medical Student; Amanda Rhee, MD; Ichan School of Medicine at Mount Sinai

Paradoxical Carbon Dioxide Embolism in a Patient Undergoing Revision of a Lumbar-Peritoneal Shunt

Jessica Piercy, MD; Patrick Odonkor, MB, ChB; David L. Schreiber, MD; University of Maryland

Pretreatment With Levosimendan Improves Heart Function in Coronary Artery Bypass Grafting

Ino Husedzinovic; Nikola Bradic, MD; University Hospital Dubrava

Coronary Artery Bypass Grafting in a Patient With Bilateral Adrenal Pheochromocytoma: Applying Uncommon Pharmacologic Techniques

Steven Venticinque; Sushrut Shidham, MD; Chad N. Stasik, MD; University of Texas Health Science Center, San Antonio, Texas

Does Robotic Coronary Artery Bypass Grafting Decrease the Cost of the Index Hospitalization Compared to Conventional CABG?

Galina Leyvi; Clyde Schechter, MA, MD; Stephen Forest, MD; V. S. Srinivas; Joseph J. DeRose, MD; Montefiore Medical Center

Non-Analgesic Benefits of Combined Thoracic Epidural Analgesia With General Anesthesia in High-Risk Elderly OPCAB Patients

Yatin Mehta; Bhanu P. Zawar, MD; Rajiv Juneja, MD; Dheeraj Arora, DNB; Naresh Trehan, MS; Institute of Critical Care and Anesthesiology

Selective Serotonin Reuptake Inhibitors and Transfusion of Plasma, Platelets, and Cryoprecipitate in Cardiac Surgery

Farrah Sajjan; Polly Robarts, BA; Angela H. McFillin, BS; Ashish Shah, MD; John V. Conte, MD; Peter Rock; Nauder Faraday, MD; Johns Hopkins Hospital

Digital Abstract Presentations

Tuesday, April 1, Noon–1:30 pm

Predictors of Early Cognitive Dysfunction Following Thoracic Aortic Surgery Using Selective Cerebral Perfusion

Tomoko Baba, MD, BT, M; Kengo Maekawa, MD; Sumi Otomo, MD; Yukiko Tokunaga, MD; Takafumi Oyoshi; Kumamoto Chuo Hospital

Increased Aortic Stiffness Predicts Postoperative Cognitive Dysfunction in Elderly Patients With Aortic Stenosis

Takafumi Oyoshi; Tomoko Baba, MD; Yukiko Tokunaga, MD; Sumi Otomo, MD; Kengo Maekawa, MD; Kumamoto Chuo Hospital

Pharmacologic Activation of Sirt3 Confers Organ Protection in a Novel Rat Model of Lethal Hemorrhage Treated by Emergency Preservation and Resuscitation

Mihai V. Podgoreanu, MD; Qing Ma, MD; Zhiquan Zhang, PhD

Takotsubo Cardiomyopathy, a Case Report: Ballooning Outside the Apex?

George A. Semien, MD; Humberto Machado, MD; Rafael Cabrales, MD; Wagih Gobrial, MD; Carolina P. Belisle, CRNA; Cleveland Clinic Florida

Transesophageal Echocardiography for Transmyocardial Laser Revascularization

Shvetank Agarwal; Ami Karkar, MD; Manuel Castresana, MD; Georgia Regents University

Perioperative Strain Analysis in Patients Undergoing Deep and Moderate Hypothermic Circulatory Arrest: A Prospective Feasibility Study

Christopher C. Rigsby, DO; Alina Nicoara, MD; Mihai V. Podgoreanu, MD; Joseph P. Mathew, MD; Joern Karhausen, MD; Duke University Medical Center

Loading Dose Atorvastatin in Coronary Artery Bypass Grafting Does Not Related to Th1/Th2 Immunomodulatory

Shan Zhou; Lihuan Li, MD; Zhongrong Fang, MD; Hui Zhou, MD; Mingzheng Liu, MD; Lei Chen, MD; Yingjie Du, MD; Weipeng Wang, MD; Fuwai Cardiovascular Hospital

Tricuspid Valve Repair in Treatment of High Output Right Ventricular Failure

Michael Demos, MD; Jessica Brodt, MBBS; Edward Gologorsky, MD; Tomas Salerno, MD; Anthony Panos, MD; University of Miami

The Effect of Fluvastatin on the Cardiac Fibrosis and Angiotensin-Converting Enzyme-2 Expression in the Glucose-Controlled Diabetic Rat Hearts

Eun Hee Kim; Jong-Hwan Lee, MD, PhD; Young Hee Shin, MD; Myung Hee Kim; Samsung Medical Center, Sunkyunkwan University School of Medicine

Sustaining Reductions in Deep Sternal Wound Infections Following Cardiac Surgery

Philip E. Greilich, MD; James B. Cutrell, MD; Margaret T. Dupré, RN; Dan Meyer, MD; Andrea C. Cooley, DO; David B. Graham, MD; Francesca Lee, MD; William S. Ring, MD; Renee Bailey, RN; Holly Ware, RN; Eleanor Phelps, MA, RN; UT Southwestern Medical Center–Dallas

An Antithrombin III Gene (SERPINC1) Variant Is Associated with Preoperative ATIII Activity

Zinaida Wadhvani, MD; Tenneille T. Loo, MSc, Honours BSc; Mahyar Heydarpour, PhD; Charles D. Collard, MD, MS; Amanda Fox, MD, MPH; Stanton Shernan, MD; Simon Body, MD; Jochen D. Muehlschlegel, MD, MMSc; Brigham and Women's Hospital

Use of Performance Metrics to Track Trainee Improvement in a Transesophageal Echocardiography Simulator.

Mario Montealegre, MD; Khurram Owais, MD; Robina Matyal; Vanessa Wong, BS; John D. Mitchell, MD; David O'Halloran, MD; Feroze Mahmood; Beth Israel Deaconess Medical Center

The Utilization of Eptifibatide to Bridge Antiplatelet Therapy for Coronary Stents in Thoracic Surgery Patients

Torijaun Dallas, MD; Tracy Wang, MD, MHS, MSc; Ian Welsby, MD; Duke University Medical Center

Consequences of Sodium Bicarbonate Administration in Patients With Metabolic Acidosis After Deep Hypothermic Circulatory Arrest for Thoracic Aortic Surgery

Kamrouz Ghadimi, MD; Kirk R. Jackson, MD; Albert T. Cheung, MD; Samuel Setegne, BS; Hospital of the University of Pennsylvania

A Simple Maneuver Greatly Reduces Intracardiac Air in Off-Pump Placement of HeartWare Left Ventricular Assist Device

Bantayehu Sileshi, MD; Simon Maltais, MD, PhD; Jason Kennedy, MD; Robert Deegan; Vanderbilt University Medical Center

Pulmonary Artery Neuroendocrine Tumor

Sridhar R. Musuku, MD; Saroj Pani, MD; Shea Beard, MD; Albany Medical center

LVAD Patients Undergoing Noncardiac Surgical Procedures

Eric W. Nelson, DO; Robert K. Branham, MD; Medical University of South Carolina

Hydroxyethyl Starch in the Prime Is an Effective Strategy to Decrease Cardiopulmonary Bypass Fluid Balance and Improve Perfusion Index During Cardiac Surgery

Marina Belda; Jean-Sebastien Lebon, MD; Alain Deschamps, MD, PhD; Pierre Couture, MD; Eric Laliberte, CCP; Christian Ayoub, MD, BPharm., FRCPC; Andre Denault, MD; Antoine G. Rochon, MD; Jennifer Cogan, MD; Denis Bouchard, MD; Louis Perreault, MD; Montreal Heart Institute

General Anesthesia and Positive Pressure Ventilation Are Associated With Reduction in Left Atrial Strain

John Anderson-Dam; Kimberly Howard-Quijano, MD; Melissa D. McCabe, MD; Einat Mazor, BA, RDCS; Aman Mahajan, MD, PhD; UCLA

Fresh, Autologous Platelets Aggregate Better Than Those From Stored, Allogeneic Units

Melissa Alberts; Frederick W. Lombard; Jeffrey Gaca, MD; Maureane Hoffman, MD, PhD; Ian J. Welsby, MD; Duke University Medical Center

Thoracic Hydatid Cystectomy: Case Report From an Academic Centre in Ethiopia

Azad Mashari; Ananya Abate, MD; Fetiya Alferid Kemal, MD; Mahder Dr. Baraki, MD; Mahelet Tadesse Ibssa, MD; Marcin Wasowicz, MD; Toronto General Hospital, University of Toronto

Anesthetic Implications for the Tendon of Todaro

Mark Boyajian; Mona Kulkarni, MD; Steven Haddy, MD; LAC + USC Healthcare Network

Evaluation of the Dry-Hematology System (DRIHEMATO®) to Assess Whole Blood Fibrinogen Levels During Cardiopulmonary Bypass Surgery

Satoru Ogawa, MD; Kenichi Tanaka, MD, MSc; Yasufumi Nakajima, MD, PhD; Yoshinobu Nakayama, MD; Jun Takeshita; Masatoshi Arai; Toshiki T. Mizobe, MD, PhD; Kyoto Prefectural University of Medicine

Repair of an Atrio-Esophageal Fistula Following Radiofrequency Ablation for Atrial Fibrillation

Simon F. Bruce, MD; Christopher Hudson, MD, MPH; Benjamin Sohmer, MD MEd; Ottawa heart institute

Bleeding and Transfusion in Complex Cardiac Surgery: Identifying Risk and Targets for Improvement

Jessica L. Poisson, MD; Renata G. Ferreira, MD; Jared Burton, MD; G. Burkhard Mackensen, MD, PhD; Terry B. Gernsheimer, MD; University of Southern California, Los Angeles

Laser Lead Extraction: An Institutional Review

Matthew G. Bean, DO; Bryan Boden, BS; Vijay Patel, MD; Robert A. Sorrentino, MD; Mary E. Arthur, MD; Medical College of Georgia

Novel Model of Atrial Fibrillation Following Cardiopulmonary Bypass/Circulatory Arrest in Rats

Michael W. Manning, MD, PhD; Qing Ma, MD; Mihai V. Podgoreanu, MD; Duke University

Dynamism of the Mitral Annulus: A Spatial and Temporal Analysis

Luyang Jiang, MD; Khurram Owais, MD; Mario Montealegre, MD; Robina Matyal; Kamal Khabbaz, MD; Jeffrey Hubbard, MD; Philip E. Hess, MD; Feroze Mahmood; Beth Israel Deaconess Medical Center

Intralipid Abolishes Cardioprotection Conferred by Carnitine Palmitoyltransferase 1 Inhibition in Rat Isolated Hearts

Dorothee Weihrauch, PhD; Qunli Cheng, MD; Matthias L. Riess, MD, PhD; Clement J. Zablocki VA Medical Center

Methods of Pacing During Minimally Invasive Cardiac Surgery

Tatyana Shkolnikova; Enrique J. Pantin, MD; Steven H. Ginsberg, MD; Alan Solina

Survey of Ultrasound and Pressure Measurement Use for Internal Jugular Central Venous Cannulation

Ryan Craner, MD; Karl Poterack, MD; Jeff T. Mueller, M.D.; Brian J. Cammarata, MD; Casey D. Blitt, MD; Jackson Memorial Hospital/University of Miami

In-Vitro Investigation of the Intra-Bronchial Effects of Applying Positive or Negative Pressure to Lung Isolation Devices

Abigail M. Walsh, MB; Jens Lohser, MD, MSc, FRCPC; Vancouver General Hospital

Increased Morbidity After Catheter-Based Electrophysiology Procedures in Adults With Congenital Heart Disease.

Bryan Maxwell, MD, MPH; Alan Cheng, MD; Johns Hopkins University

Effect of Glucose-Insulin-Potassium on Hyperlactatemia in Patient Undergoing Valvular Heart Surgery

Jong Wook Song; Young Song, MD; Jong Chan Kim, MD; Jae-Kwang Shim, MD; Young Lan Kwak, MD; Yonsei University College of Medicine

A Pilot Trial to Assess the Feasibility and Efficacy of Treating Post-Cardiac Surgery Cerebral Desaturation in the Intensive Care Unit

Inderveer Mahal, BSc; John R. McVagh, MA; Brett Hiebert, MSc; Rakesh C. Arora, MD, FRCSC; Hilary P. Grocott, MD, FRCPC; University of Manitoba

Point of Care Platelet Function Testing in Cardiac Surgery

Seema Agarwal, BM, BS, FRCA; Ian Johnson, PGDip; Matthew A. Shaw, MSc; Liverpool Heart and Chest Hospital

Flow Cytometric Evidence of the Diminished Ability of Monocyte to Differentiate into Mature Dendritic Cells Shortly After Cardiopulmonary Bypass

Krzysztof Laudanski; Jacob T. Gutsche, MD; Wilson Szeto, MD; Pavan Atluri, MD; Tiffany E. Connolly; George S. Worthen, MD; University of Pennsylvania

Validation of a Chart-Based Method to Identify Delirium in Cardiac Surgery Patients

Charles Brown, IV, MD, MHS; Karin J. Neufeld, MD, MPH; Laura Max; Andrew LaFlam; Kaushik Mandal, MD; Charles W. Hogue, MD; Johns Hopkins

Sudden Death 2 Weeks After Aortic Valve Replacement in 22-Year-Old With Infective Endocarditis

Hamdy Awad, MD; Dheer A. Vyas, MD; Eduardo Quevedo, MD; Mashhood Salahuddin, BS; Michael K. Essandoh, MD; Galina Dimitrova, MD; Ohio State University

Hypotension Increases the Risk of Postoperative Acute Kidney Injury

Louise Sun, MD, SM, FRCPC; Duminda N. Wijesundera, MD, PhD; Gordon Tait, PhD; William S. Beattie, MD, PhD; Toronto General Hospital

Telemonitoring of Cardiac Operating Room Over the Internet

Alexander Bankov, MD; Evgeny Flerov; The Russian National Research Center of Surgery

Ultra Short-Term Heart Rate Variability as a Predictor of CABG Outcomes: A Retrospective Case Controlled Study

Eric Ursprung; W. W. Sanouri Ursprung, PhD; Kenneth Warner, MD; Bhwana Dave; Fred C. Cobey, MD, MPH, FASE

Epigenetic Determinants of Risk for AKI after Cardiopulmonary Bypass

Jacqueline Zilliox; Alexander B. Kieber, BS, BA; Jan Dieleman, MD; Thomas Van de Ven, MD; Simon Gregory, PhD; Joshua K. Beaver, BS; Diederik van Dijk, MD; Andrew Shaw, MBBS

A Randomized Prospective Study on the Anti-Inflammatory Effect of Propofol During Cardiopulmonary Bypass (Pilot Study)

Amir Samir, MD; Naveen Gandreti, MD; Maxime Madhere, MD; Ahmed R. Khan, MD; Henry Ford Health System

Acute Left Atrial Dissection Following Mitral Valve and Aortic Valve Replacement

Andrea B. Reidy, MD; Brenda MacKnight, MD; Alexander R. Hellman, MD; Allegheny Health Network

Efficacy of Paravertebral Catheters for Postoperative Analgesia in Minimally Invasive Mitral Valve Surgery

Eric G. Teggatz, MD; Jacob Hutchins, MD; Kenneth Liao, MD; Ioanna Apostolidou, MD; University of Minnesota

Subclinical Elevation in BNP Prior to Thoracic Surgery Is Associated With Increased Left Atrial Size and Diastolic Dysfunction

Oren Brecher; Harleena Gulati, MD; Nancy Roistacher, MD; Hao Zhang, MD; Weiji Shi; Howard Thaler; David Amar, MD; Memorial Sloan Kettering Cancer Center

Predictive Power of Pulse Pressure Variation on Fluid Responsiveness in Coronary Patients With Diastolic Dysfunction

Jong Wook Song; Young Song, MD; Jong Chan Kim, MD; Jae-Kwang Shim, MD; Young Lan Kwak, MD; Yonsei University College of Medicine

Flow Cytometric Evidence of the Diminished Ability of Monocyte to Differentiate into Mature Dendritic Cells Shortly After Cardiopulmonary Bypass

Krzysztof Laudanski; Jacob T. Gutsche, MD; Wilson Szeto, MD; Pavan Atluri, MD; Tiffany E. Connolly, Biology; George S. Worthen, MD; University of Pennsylvania

IVUS and TEE- Guided Endovascular Repair of Descending Aortic Aneurysm in a Pregnant Patient

Oscar D. Aljure; Jadelis Giquel, MD; Jorge Rey, MD; Handel Robinson, MD; Edward Gologorsky, MD; University of Miami/Jackson Memorial Hospital

Does Cerebral Oximetry Actually Measure Brain Tissue Oxygen Saturation? An Anatomical Study Utilizing Computed Tomography

Darrick Chyu, MD; Enrique J. Pantin, MD; Aysha Hasan; Robert Wood Johnson University Hospital

Immediate Extubation in Patients Undergoing Cardiac Surgery: An Impact Study

Martha M. Chacon; Peter J. Neuburger, MD; Jennie Ngai, MD; Michael Schlame, MD; New York University

Arterial Stiffness Index: A Blood Pressure Independent Measure of Vascular Properties

Jochen Steppan; Gautam Sikka; Maggie Kuo; Daniel Nyhan, MD; Lakshmi Santhanam, PhD; Dan E. Berkowitz, MD; Allan Gottschalk; Viachaslau Barodka, MD; Johns Hopkins University

The Benefits of Cerebral Oximetry for Non-Cardiac Thoracic Suregry: A Systematic Review and Meta-Analysis

Joanne Guay, MD; E.Andrew A. Ochroch, MD, MSCE; University of Montreal

Use of Veno-Arterial Extra-Corporeal Membrane Oxygenation as Bridge Therapy in a Patient With Intracardiac Fungal Mass

Amit Bardia, MBBS; Mario Montealegre, MD; Khurram Owais, MD; Robina Matyal, MD; Feroze Mahmood; Shahzad Shaefi, MD; Beth Israel Deaconess Medical Center

Severe Mitral Regurgitation Secondary to Dehiscence of Mitral Annuloplasty Ring

Amit Bardia, MBBS; Mario Montealegre, MD; Khurram Owais, MD; Robina Matyal, MD; Feroze Mahmood; Beth Israel Deaconess Medical Center

Correlation Between Doppler Indices of Diastolic Dysfunction With Left Atrial Volume in the Perioperative Period.

Amit Bardia, MBBS; Mauricio Garcia Jacques, MD, MPH; Mario Montealegre, MD; Khurram Owais, MD; Robina Matyal; Feroze Mahmood; Beth Israel Deaconess Medical Center

In-Vivo Analysis of Selectively Flexible Mitral Annuloplasty Rings Using 3-Dimensional Echocardiography

Khurram Owais, MD; Mario Montealegre, MD; Han Kim, MD; Remco Bergman, MD; Robina Matyal; Philip E. Hess, MD; Feroze Mahmood; Beth Israel Deaconess Medical Center

Evaluation of Transthoracic Echocardiography Simulator Proficiency by Time Performance and Probe Acceleration Analysis

Mario Montealegre, MD; Khurram Owais, MD; Feroze Mahmood; John D. Mitchell, MD; Vanessa Wong, BS; David O'Halloran, MD; Robina Matyal; Beth Israel Deaconess Medical Center

Refractory Shock After Cardiac Surgery Caused by Secondary Adrenocortical Insufficiency in a Patient Who Was Ingesting Long-Term Unprescribed Glucocorticoids

Steven Venticinque; Robert Holt, MD; Jeffrey D. McNeil, MD

A Case of Type A Dissection Involving Intimo-Intimal Intussusception Through the Aortic Valve

Trygve Armour; Sarah Armour, MD; Pingle S. Reddy, MD, FASE; Derek Brinster, MD

Anomalous Pulmonary Venous Return Exacerbating Right Ventricular Failure

Mohammad-Safa Sobhanie; Maninder Singh, MD; Matthew A. Joy, MD

Anterior Mitral Valve Leaflet Thrombus in a Patient With Sinus Rhythm and No Organic Heart Disease

Sridhar R. Musuku, MD; Saroj Pani, MD; Sharon Lee, MD; Albany Medical Center

Severity and Duration of Metabolic Acidosis After Deep Hypothermic Circulatory Arrest for Thoracic Aortic Surgery

Kirk R. Jackson, MD; Kamrouz Ghadimi, MD; Samuel Setegne, BS; Albert T. Cheung, MD; Hospital of the University of Pennsylvania

Improved Surgical Exposure Through Alteration of Ventilation Parameters in Minimally Invasive Aortic Valve Replacement

Simon F. Bruce, MD; Christopher Hudson, MD, MPH; Marc Ruel; Benjamin Sohmer, MD MEd; Ottawa Heart Institute

Preoperative Aspirin Use and Its Effect on Adverse Events in Patients Undergoing Cardiac Surgery

Jiapeng Huang, MD; Macarius Donneyong, PhD, MPH; Jaimin R. Trivedi, MD MPH; Mark S. Slaughter, MD; University of Louisville, Jewish Hospital

What Range of Extra-Cardiac Conduit Flow Velocity Is Detectable Intraoperatively Following the Completion of Total Cavo-Pulmonary Connection?

Satoshi Kurokawa, MD; Kenji Doi, MD; Shihoko Iwata, MD; Minoru Nomura, MD; Tokyo Women's Medical University

Thoracic Surgery for Infectious Disease: Review of Perioperative Management From an Academic Centre in Ethiopia

Azad Mashari; Ananya Abate, MD; Fetiya Alferid Kemal, MD; Mahder Dr. Baraki, MD; Mahelet Tadesse Ibssa, MD; Marcin Wasowicz, MD; Toronto General Hospital, University of Toronto

Measurements in Live 3D TEE Result in Underestimation as Compared to Conventional Methods

Sarah Eibel, MD; Chirojit CM. Mukherjee, MD; Carmine M. Bevilacqua, MD; Joerg Ender, MD; Heart Center Leipzig University Leipzig Germany

Thrombocytopenia Associated With Acute Kidney Injury in Pediatric Cardiac Surgery

Shan Zhou; Edmund Jooste, MBChB; Shannon Tew, MD; Warwick Ames, MD; Igor Akushevich; Ryan M. Konoste, MD; Joseph P. Mathew, MD; Miklos Kertai, MD, PhD; Manuel L. Fontes, MD; Duke Medical Center

Potential Hazard of Echo Contrast During V-A ECMO

Luiz Maracaja-Neto; Loreta Grecu, MD; Adnan K. Malik, MD; Yale University School of Medicine

Cobalt Induced Dilated Cardiomyopathy Secondary to Bilateral Metal-on-Metal Total Hip Arthroplasties

Brian K. Nishiguchi, MD; Michael K. Dishart, MD; Christopher A. Troianos, MD; Allegheny Health Network

Blood Clotting Within the Left Ventricle During Cardiopulmonary Bypass in Three Patients Undergoing Minimally Invasive Aortic Valve Replacement

Paul Lennon, MD; William C. Boyd, MD; Robert C. Groom, CCP, MS; Maine Medical Center

Whole-Genome MicroRNA Quantitative Trait Loci Analysis in a Human Model of Myocardial Ischemia

Louis Saddic III, MD PhD; Jochen D. Muehlschlegel, MD, MMSc; Brigham and Women's Hospital

Preoperative White Blood Cell Count Is Strongly Associated With an Increased Risk of Renal Failure and Mortality Among Patients Undergoing Cardiac Valvular Surgeries

Amit Bardia, MBBS; Mauricio Garcia Jacques, MD, MPH; Mario Montealegre, MD; Khurram Owais, MD; Robina Matyal, MD; Feroze Mahmood; Beth Israel Deaconess Medical Center

Left Atrial Appendage Occlusion With LARIAT® Device: A Rare, Unexpected, and Potentially Lethal Complication

Margaret Stachurski, DO; Paul Polyak, MD; Lebron Cooper, MD; Henry Ford Hospital

A Novel Algorithm to Guide the Rational Utilization of Blood Products in Cardiac Surgical Patients

Marc E. Stone, MD; Yuriy Slota, MD; David L. Reich, MD; Icahn School of Medicine at Mount Sinai

Role of Echocardiography in Percutaneous Closure of Patent Foramen Ovale: A Case Report

Evelyne Gone, BA; Khurram Owais, MD; Mario Montealegre, MD; John D. Mitchell, MD; Feroze Mahmood; Beth Israel Deaconess Medical Center

Comparison of Pulse Oximetry Sensors in Children With Cyanotic Congenital Heart Disease

Mark Wesley; Boston Children's Hospital

Bedside TTE Preventing Life-Threatening Event

Rohin Sarkar; Lev Deriy, MD

Multiple Percutaneous Tricuspid Valve Implantations Inside a Preexisting Bioprosthetic Tricuspid Valve

Joshua Baisden; Donn Marciniak, MD

RESIDENT/FELLOW COMPLEX CASE PRESENTATIONS

Complex Case Discussion

Saturday, March 29, 1–2:15 pm

Percutaneous Closure of an LV Pseudoaneurysm

Benjamin J. Sutlive, MD; Matthew Townsley, MD; University of Alabama Birmingham

Use of Epicardial Ultrasound to Evaluate Venous Obstruction After Lung Transplantation

Lisa Irwin, MD; University of Michigan

Off-Pump Minimally Invasive Implantation of HeartWare® Ventricular Assist Device: Anesthetic Considerations

Bantayehu Sileshi, MD; Robert Deegan; Mary E. Davis, MS; Nicholas Haglund, MD; Hui Nian, PhD; Jason Kennedy, MD; Mary Keebler, MD; Annemarie Thompson; Simon Maltais, MD, PhD; Vanderbilt University

Monitored Anesthesia Care for Transfemoral Transcatheter Aortic Valve Replacement With Edwards Sapien 3 Valve

Jason Fu; Martin D. Chen, MD; Columbia University

Digital Abstract Presentation (No CME)

Saturday, March 29, 5–6 pm

Bloodless Orthotopic Heart Transplantation in a Jehovah's Witness

Torijaun Dallas, MD; Ian J. Welsby, MD; Brandi Bottiger, MD; Mani A. Daneshmand, MD; Carmelo Milano, MD; Nicole R. Guinn, MD; Duke University Medical Center

Anticoagulation With Bivalirudin for Heartware® Left Ventricular Assist Device Placement in a Patient With Heparin-Induced Thrombocytopenia Syndrome Type II and Renal Failure

Sonia Nhieu; Liem Nguyen, MD; Dalia A. Banks, MD; Victor Pretorius, MBChB; UCSD Medical Center

Venovenous Extracorporeal Membrane Oxygenation Without Systemic Anti-Coagulation for Pulmonary Hemorrhage After Pulmonary Thromboendarterectomy

Brett Cronin, MD; Timothy M. Maus, MD; Liem Nguyen, MD; Dalia A. Banks, MD; UCSD Medical Center

Diagnosis of Acute Hemorrhage via TEE During an Extraction of an ICD Lead

Renata Miketic, MD; Sasha Shillcutt, MD, FASE; University of Nebraska Medical Center

Complications of an Aortic Dissection Masking as an Pulmonary Embolism

Fallon H. Ngo, DO; Donn Marciniak, MD; Shiva Sale, MD

The Effect of Inhaled Milrinone on Right Ventricular Function After Separation From Cardiopulmonary Bypass During HeartMate-II Implantation

Archit Sharma, MD; Nicholas W. Markin, MD; Nicholas Haglund, MD; Walker R. Thomas, BS, RDCS; Sasha K. Shillcutt, MD; Department of Anesthesiology, University of Nebraska Medical Center

Aortic Valve Replacement: No Sutures Attached

Allison J. Bechtel, MD; Gautam Sreeram, MD; Emory University

3D TEE Guided Repair of a Quadricuspid Aortic Valve

Sonia Ah-Kye, MD; Benjamin Sohmer, MD, MEd; Christopher Hudson, MD, MPH; University of Ottawa Heart Institute

Type A Aortic Dissection in a Patient on Dabigatran: Hemostasis Management After Circulatory Arrest

Elena Ashikhmina, MD, PhD; K. Annette Mizuguchi, MD, PhD; Nicole A. Tomasello, CCP, LP; Jean M. Connors, MD; Jama Jahanyar, MD, PhD; Michael Davidson, MD; Brigham and Women's Hospital, Harvard Medical School

Severe Pulmonary Edema Requiring ECMO After Total Artificial Heart Implantation

Andrea Girnius, MD; Elena Ashikhmina, MD, PhD; Jochen D. Muehlschlegel, MD, MMSc; Brigham and Women's Hospital

Management of Massive Intrathoracic Myxoid Sarcoma

Johnathan R. Renew, MD; Archer K. Martin, MD; Mayo Clinic Florida

Repair of an Ascending Aortic Aneurysm With Contained Rupture and SVC Syndrome in a Patient With Poor IV Access

Seth R. Cohen; Norman R. Huang, DO; University of Texas Southwestern

Hypoxemia Requiring Patent Foramen Ovale Closure and Extracorporeal Membrane Oxygenation as a Bridge to Bilateral Lung Transplantation

Jillian M. Schmelzle, MD; Pierre Levan, MD; Jenny Kwak, MD; Loyola University Medical Center

Hypopharyngeal Perforation Injury From Transesophageal Echocardiography in a Patient With Osteogenesis Imperfecta Undergoing Aortic Valve Replacement Surgery

Alex Cravanas; Aneeta R. Bhatia, MD, FFARCS, FASE; Jiapeng Huang, MD; University of Louisville

Partial Anomalous Hepatic Venous Return: A Systematic Intraoperative Exclusion of Other Serious Diagnoses

Camellia D. Asgarian, MD; Susan M. Martinelli, MD; Priya A. Kumar, MD; UNC Hospitals

Complete Mechanical Mitral Valve Failure Upon Weaning From Cardiopulmonary Bypass

Kimberly L. Kesner, MD; Mark A. Chaney, MD; Frank DuPont, MD; University of Chicago

Right Sided Aortic Arch With Vascular Ring Causing Severe Tracheal and Esophageal Compression

Marshall Stafford, MD; Benjamin Snyder, MD; Brett Reece, MD; Bryan Ahlgren, DO; University of Colorado

Use of Live 3D Color to Pinpoint Location of Mitral Valve Pervivalvular Leak

Alexander Shune, MD; Ken Ueda, MD; David Papworth, MD; University of Iowa Hospitals and Clinics

RESIDENT/FELLOW COMPLEX CASE PRESENTATIONS

An Unusual Cause of Severe Mitral Regurgitation in a Patient With Aortic Valve Endocarditis

Andrew R. Schroeder, MD; Paul Pagel, MD, PhD; Medical College of Wisconsin Affiliated Hospitals

Challenges of One-Lung Ventilation in an Adult Patient With Fontan Physiology

Nishita S. Dalal, MD; Lavinia M. Kolarczyk, MD; University of North Carolina

Repair of Partial Anomalous Pulmonary Venous Return of the Left Pulmonary Veins to the Coronary Sinus

Rudolph Nguyen, MD; Jure Marijic, MD; University of California, Los Angeles

Severe Pulmonary Insufficiency and Severe Tricuspid Regurgitation Requiring Surgical Replacement of the Tricuspid and Pulmonary Valves in a Patient With Carcinoid Syndrome

John Hoffman, Jr., DO, MS; Jared Feinman, MD; Massachusetts General Hospital

Valve-in-Valve TAVR for Acute Bioprosthesis Degeneration

Dennis Thiel, MD; Montefiore Medical Center

Anesthetic Considerations for Mitral Transcatheter Valve-in-Ring Implantation

Matthew Stanich, MD; Joseph K. Edwards, MD; Emory University

Anesthetic Management of a Patient With Common Atrium and Suprasystemic Pulmonary Hypertension

Emmanuel Edson; Marco A. Aguirre, MD; University of Texas Southwestern

Heparin Administration in Critically Ill Patient With Acute HIT Requiring LVAD Placement

Mark Schmidt, MD; Arvind Rajagopal, MD; Rush University Medical Center

Massive Atrial Thrombi in a Patient With Severe Rheumatic Mitral Stenosis

Julie E. DeVore, DO; UPMC

Unusual Papillary Muscle Abnormality Causing Dynamic Left Ventricular Outflow Tract Obstruction Post-Cardiopulmonary Bypass in Redo Coronary Artery Bypass Graft Surgery

Pallavi Gupta, MD; Archer K. Martin, MD; Mayo Clinic Florida

Successful Early Cardiac Surgery for Infective Endocarditis Complicated by Valvular Dysfunction, Heart Failure, and Systemic Embolic Phenomena.

Janice Man, MD; Arthur W. Wallace, MD, PhD; University of California, San Francisco

Rare Leiomyosarcoma of the Right Internal Iliac Vein Metastatic to the Right Heart: A Case Report

Angela C. Lee, MD; Maninder Singh, MD; Sansan Lo, MD; New York Presbyterian Hospital—Columbia

Intravascular Leiomyomatosis Invading All Cardiac Chambers

Jessica L. Heath, MD; Dennis Phillips, DO; University of Pittsburgh

An Unusual Case of Chronic Thromboembolic Pulmonary Hypertension 21 Years in the Making

Michael Bradstock; Michelle Capdeville, MD; The Cleveland Clinic

Cesarean Section and Thoracoabdominal Aortic Aneurysm Repair in Pregnant Patient With Marfan Syndrome

Prabhkiran Nakai, MD; Negmeldeen Mamoun, MD; Cleveland Clinic Foundation

The Hardened Heart: Cardiogenic Shock Following Deployment of a Direct Flow Transcatheter Aortic Valve

Erin S. Grawe; Bessie Kachulis, MD; Taylor A. Johnston, MD; Joseph J. Rumley, MBChB; Columbia University/ New York Presbyterian Hospital

Biventricular HeartMate II as Destination Therapy

Amanda McDowell, MD; James M. Anton, MD; Steven M. Parnis, BS; Baylor College of Medicine—Texas Heart Institute

Iatrogenic Suture Entrapment of the Circumflex Artery After Mitral Valve Annuloplasty in a Left Dominant Coronary Circulation

Stephen Wilkins; Michael Andrawes, MD; Massachusetts General Hospital

Transcatheter Aortic Valve-In-Valve Replacement With Preexisting Paravalvular Leak

Amanda McDowell, MD; Joseph Creo, MD; James M. Anton, MD; Baylor College of Medicine—Texas Heart Institute

Successful Operative Management of Type A Aortic Dissection and Contained Rupture in a Patient With Congenital Right Sided Aortic Arch, Pulmonary Atresia, and Ventricular Septal Defect

Ross Hanson; Nathaen Weitzel, MD; University of Colorado Hospital

Successful Surgical Resection of a Coronary Artery Mycotic Aneurysm and Removal of an Infected Coronary Artery Stent

Matthew T. Engel, MD; Michael T. Tran, DO; Jose Navia, MD; Cleveland Clinic Foundation

A Patient With Severe Aortic Regurgitation Requiring Replacement of Her Left Ventricular Assist Device: A New Role for Transcatheter Aortic Valve Intervention?

Laura Duggan, MD; Sean Daley, MD; Carmelo Milano, MD; George C. Hughes, MD; Duke University

Successful Transcatheter Aortic Valve Replacement (TAVR) via Preexisting Apicoaortic Conduit

Thomas N. Lind, MD; Annemarie Thompson; Julian S. Bick, MD; Vanderbilt University Medical Center

Is Anticoagulation Necessary for On-X® Valves in Patients at High-Risk for Bleeding?

Ami Karkar, MD; Manuel Castresana, MD; Shvetank Agarwal, MD; Georgia Regents University

Complex Repair of a Giant Coronary Artery Aneurysm With Fistula to the Coronary Sinus

Garrett T. Owen, MD, MPH; Andra Duncan, MD; Cleveland Clinic

Symptomatic Hypoxia in a Post-Partum Patient—Unrecognized Congenital Heart Defect

Aaron Seller; Heather Reed, MD; Michael Arnold, DO; William B. Smith, MD; Albert R. Robinson, MD; UF at Shands Hospital

RESIDENT/FELLOW COMPLEX CASE PRESENTATIONS

Incidental Occurrence of Circulating Cold Agglutinins on Cardiopulmonary Bypass During Aortic Valve and Root Replacement for Congenital Bicuspid Aortic Valve

Kamrouz Ghadimi, MD; Prakash A. Patel, MD; John G. Augoustides, MD; Hospital of the University of Pennsylvania

Invasive Aspergillus Infection: A Serious but Common Complication of Pulmonary Transplantation

Carly C. Guthrie, MD; John A. Fox, MD; David A. Silver, MD; Brigham and Women's Hospital

Transaortic Transcatheter Aortic Valve Replacement (TAVR) in Morbidly Obese Patient

Shaun Williams; Igor Zhukov, MD; Emory University

Dissecting Intramyocardial Hematoma After Robotic Mitral Valve Repair

Deepu Sasikumaran Ushakumari, MD; Tory McGrath, MD; Cleveland Clinic

Management of a Patient With Severe Mitral Regurgitation Undergoing a Combined Video-Assisted Thoracoscopic Thymectomy and Minimally-Invasive Mitral Valve Repair

Stephen McHugh; Andrew Murray, MBChB; University of Pittsburgh Medical Center

Tick-Associated Adult Onset Anaphylaxis and Its Impact for CPB

Amanda M. Kleiman, MD; Keith Littlewood, MD; Danja S. Groves, MD, PhD; University of Virginia

Evaluation of a Mass in the Aortic Root After Pro-Coagulant Administration in a Patient With Double Mechanical Valves

Christopher D. Press; Bryan Maxwell, MD, MPH; Charles C. Hill, MD; Stanford University

Migration of Renal Vein Stent to Right Ventricle in Patient With Nutcracker Syndrome

Wendy E. Banfi, MD; Andrej Alfievic, MD; Cleveland Clinic

Left Atrial Dissection During Transcatheter Aortic Valve Replacement via Transapical Approach

Kinjal Patel; Jasjit S. Sehdev, MD; Ludmil V. Mitrev, MD; Cooper University Hospital

Speaking the Same Language: Communication Critical During Complex Minimally Invasive Mitral Valve Surgery

Matthew Waldron; Yong G Peng, M.D, PhD; University of Florida

Are Two Better Than One? A Case of Bilateral Selective Cerebral Perfusion During Thoracic Aortic Surgery

Ammar Wahood; Chiranjeev Saha, MD; Rush University

Combined Heart Liver Transplant: Operative Strategies and Perioperative Management

Katherine W. Suttle, MD; Ratna Vadlamudi, MD; Emory University

Syncardia Total Artificial Heart Following a Total Cardiectomy in an Orthotopic Heart Transplantation With Cardiogenic Shock

Ari Balofsky, MD; Tarun J. Subrahmanian, MD; Janine R. Shapiro, MD; Michael Swartz, PhD; Howard T. Massey, MD; Andrew R. Sifain, MD; University of Rochester School of Medicine and Dentistry

Successful Use of Intra-Aortic Balloon Pump After Low Cardiac Output Syndrome in a Patient With Moderate Aortic Insufficiency

Tiffany M. Richburg, MD; Nadine Odo, BA; Vijay S. Patel, MD; Philip Catalano, MD; Mary E. Arthur, MD; Medical College of Georgia

Cervical Hematoma Following Placement of Embolic Protection Devices During TAVR

Kasey Fiorini, MD; Stephen Michael Powell, MD; Hamdy Awad, MD; Michael K. Essandoh, MD; Galina Dimitrova, MD; The Ohio State University Wexner Medical Center

Critical Upper Limb Ischemia Detected by Somatosensory Evoked Potentials During Repair of Thoracoabdominal Aneurysm

Andrew Walker, MD; Philip EF. Roman, MD, MPH; University of Maryland Medical Center

Left Atrial Reconstruction: An Atypical Cause of Iatrogenic Systolic Anterior Motion

Nelson H. Burbano, MD; Michael T. Tran, DO; Shiva Sale, MD; Anand Mehta, MD; Cleveland Clinic Foundation

Heart Transplantation in a Patient With Isolated Left Superior Vena Cava

Rajeshvari Patel, MD; Robert L. Lobato, MD; Antonio Hernandez Conte, MD, MBA; Cedars Sinai Medical Center

Severe Aortic Regurgitation, Coronary Stenosis and Near Occlusion of Multiple Proximal Great Vessels in a 20-Year-Old Mayan Woman: A Complex Presentation of Takayasu Arteritis

Suzana Zorca, MD; Annette K. Mizuguchi; Mona K. Patel, MD; Stanton K. Shernan; Brigham and Women's Hospital

Total Artificial Heart Transplantation in a Patient With Postinfarction Cardiogenic Shock and Ventricular Septal Perforation

Enrique D. Escobar, MD; Jason H. Chua, MD; Jacques Neelankavil, MD; University of California, Los Angeles

Double Atrial Septum Presenting With Severe Mitral Stenosis: 3D TEE Imaging

Marshall Stafford, MD; Meredith Goodwin, MD; Nathaen Weitzel, MD; University of Colorado

Perioperative Management of Pacemaker Implantation in Newborns With Congenital Heart Block

Yuriko Tashiro, MD; Kenji Yoshitani, MD; Yoshihiko Onishi; National Cerebral and Cardiovascular Center

Intracardiac Mass: TEE Guidance for Transvenous Transseptal Diagnostic Biopsy

Peter Burrage, MD, PhD; Rosemary N. Uzomba, MD; Andrew C. Eisenhower, MD; Brigham and Women's Hospital

Adverse Events in Transvenous Lead Extraction With Excimer Laser System

Miho Sumiyoshi; Kenji Yoshitani, MD; Yoshihiko Onishi; National Cerebral and Cardiovascular Center

RESIDENT/FELLOW COMPLEX CASE PRESENTATIONS

The Sequela and Management of Antiphospholipid Antibody Syndrome in a Complex Patient Undergoing Redo Aortic Root Replacement for Endocarditis

Peter Rivera; Eduardo J. Goenaga Diaz, MD; WFUBMC

Case of Penetrating Chest Trauma Secondary to a Self-Inflicted Wound With a Nail Gun Complicated by Cardiac Tamponade and Cardiac Ischemia Requiring Cardiopulmonary Bypass

John M. Albert, Jr., MD; Nathan Bolli, MD; Matthew A. Joy, MD; Case Western University at MetroHealth

Management of Severe Cor Pulmonale in a Patient Undergoing Bilateral Orthotopic Lung Transplant

Bradford Berndt; George Whitener, MD; Alina Nicoara, MD; Duke University Health System

Peripartum Management Challenges of Parturient With Pulmonary Arterial and Venous Hypertension Due to Scleroderma and Non-Ischemic Cardiomyopathy

Beth T. Webber, DO; Edward Gologorsky, MD; Jessica Brodt, MBBD; University of Miami

Persistent Left Superior Vena Cava and Right Internal Jugular Vein Thrombus in a Patient Undergoing Aortic Valve Replacement: Implications for Myocardial Protection

Adam Barrus; Cedars-Sinai Medical Center

Anesthetic Management of a Pediatric Patient With a Large Intracardiac Extension of a Primary Adrenal Tumor of Unclear Pathology

Sherif N. Meckael, MD; Madelyn D. Kahana, MD; Heidi M. Boules, MD; Montefiore Medical Center

Asynchronous Independent Lung Ventilation in a Patient With a Ruptured Left Main Stem Bronchus

Robert I. Hieronimus, MD; Patrick Bender, MD; Erik Anderson, MD; Lyle P. Gerety, MD; Matt Fisher, MD; Fletcher Allen Healthcare

Double Lung Transplantation With Simultaneous Aortic Valve Replacement in a Patient With Interstitial Lung Disease and Pulmonary Hypertension

Tyler Sudweeks; Sarah S. Daigle, MD; University of Florida

Total Artificial Heart as Bridge to Transplantation in Patient With Left Ventricular Noncompaction

Joyce Lo; Patrick D. Soran, MD; Stanford University

Management Options in a Patient With Severe Tricuspid Insufficiency After Heart Transplantation

Aaron Wolfe; Phillip Greilich; Ravi Joshi; UTSW

Assessment of Left Ventricular Device Function in a Patient With Veno-Arterial Extracorporeal Membrane Oxygenation and a New Ascending Aorta Thrombus

Pranav Shah; Amr Waly; Annemarie Thompson; Vanderbilt University Medical Center

Valve-in-Valve: CoreValve in Previous Bioprosthetic Aortic Valve

David Garcia; Jenny Kwak, MD; Pierre Levan, MD; Loyola University Medical Center

Primary Failure of a Pericardial Tissue Valve Immediately After Placement? Valve-In-Valve to the Rescue

Bimal Gandhi, MD; Sarah Armour, MD; Virginia Commonwealth University

Transesophageal Echocardiogram (TEE) Distinguishes Subvalvar Pulmonic Stenosis Caused by High Double Chamber Right Ventricle (DCRV) From Valvar Pulmonic Stenosis

Laebe Lester, MD; Bryan Maxwell, MD, MPH; Johns Hopkins School of Medicine

A Case of an Embolic Aortic Valve Papillary Fibroelastoma

Devon Jeffers; Nadia Hensley, MD; Johns Hopkins Hospital

Role of 2D and 3D Transesophageal Echocardiography in the Anesthetic Management of an Adult Patient With a Previously Repaired Primum Atrial Septal Defect

Derrick V. Williams, MD; Jennifer Hargrave, DO; Andra Duncan, MD; Anesthesia Institute, Cleveland Clinic

Extensive Aortic Aneurysmal Development With Severe Aortic Regurgitation After Repair of Stanford Type A Aortic Dissection

Mark R. Livingston, MD; University of Michigan Health System

Double Valve Replacement in Carcinoid Heart Disease: Intraoperative Management Including 3D Transesophageal Echocardiography

Silas J. Hoxie, MD; Saadia Sherwani, MD; Northwestern University

Anesthetic Management of Patient With Severe Sickle Cell Disease Presenting for Cardiac Surgery

Adnan K. Malik, MD; Luiz Maracaja-Neto, MD; Sirisha A. Rao, MD; Susan Garwood, MBChB; Yale University

Supracardiac Total Anomalous Pulmonary Venous Return in the Adult Patient

Puja N. Trivedi, DO; Steven Haddy, MD; Mona Kulkarni, MD; Joshua B. Ng, MD; University of Southern California

Successful Vaginal Delivery in a Patient With Severe Aortic Stenosis and Aortic Regurgitation Using Epidural Analgesia and Vacuum-Assisted 2nd Stage of Labor

Hanjo Ko, MD; Katherine Economy, MD, MPH; Michael Davidson, MD; Michael N. D'Ambra, MD; Brigham and Women's Hospital

Intraoperative Management of a Patient With Previous Bleomycin Exposure During Coronary Artery Bypass Grafting

Zinaida Wadhwani, MD; Lauren J. Cornella; Brigham and Women's Hospital

Severe Acute Stenosis of a Trans-Catheter Valve-in-Valve Aortic Prosthesis

Sharif Al-Ruzzeh; Shanna S. Hill, MD; Nikolaos J. Skubas, MD, FASE, DSc; Weill Cornell NewYork-Presbyterian Hospital

RESIDENT/FELLOW COMPLEX CASE PRESENTATIONS

Impella for Circulatory Support in Non-Cardiac Surgery

Renata A. Kowal; Slawomir P. Oleszak, MD; Isabel Wu, MD; SUNY at Stony Brook

Echocardiographic Findings and Clinical Issues for Patients With Coronary Artery Anomalies

Robert R. Mitchell; Cleveland Clinic

Iatrogenic Tricuspid Valve Stenosis Following a Bentall Procedure

Tarun J. Subrahmanian, MD; Kiritpaul S. Nandra, MD; Andrew R. Sifain, MD; University of Rochester Medical Center

Digital Abstract Presentation

Sunday, March 30, 12:30–1:30 pm

Heyde's Syndrome and Fatal Gastrointestinal Hemorrhage After Transcatheter Aortic Valve Implantation

Julio Benitez-Lopez, MD; Jadelis Giquel, MD; University of Miami, Miller School of Medicine

Intraoperative Pulmonary Embolism During VA ECMO Decannulation and HM II Implantation

Maninder Singh, MD; Teresa A. Mulaikal, MD; Columbia University Medical Center

Management of a Third-Time Re-Operative Sternotomy for an Ascending Aorta Pseudoaneurysm Repair in a High-Risk Jehovah's Witness

Heather Reed, MD; Brian Gelfand, MD; University of Florida

Left Circumflex Artery Injury During Redo Mitral Valve Replacement in a Patient With Prosthetic Mitral Valve Endocarditis

Sean M. Bruggink, MD; Juan N. Pulido, MD; Jonathan F. Fox, MD; Mayo Clinic

Posterior Ventricular Septal Rupture Post-Acute Myocardial Infarction

Steve L. Lindauer; Justin W. Wilson, MD; University of Texas Health Science Center San Antonio

An Interesting Case of Aortic Valve Endocarditis Complicated by a Mitral Valve Aneurysm and Kissing Vegetation

Amelia Fiastro; Ettore Crimi, MD; University of Florida

Intracardiac Thrombosis Following Emergent Prothrombin Complex Concentrate Administration for Warfarin Reversal

Jordan Goldhammer; Prakash A. Patel, MD; Magdalena Bakowitz, MD, MPH; Bonnie Milas; University of Pennsylvania

Cardiectomy With Biventricular Heartware Assist Device Placement

Chandrika Garner, MD; Anne Cherry, MD; Duke University Medical Center

Recurrent Intracardiac Calcification in a Patient With Primary Hyperparathyroidism and Subsequent Secondary Hyperparathyroidism Due to Chronic Kidney Disease

Agnieszka Trzcinka; Nelson L. Thaemert, MD; Brigham and Women's Hospital

Rescue Cardiopulmonary Bypass for Refractory Ventricular Fibrillation in an Adult With a Blalock-Taussig Shunt

Steven Silivonek; Adair Locke, MD; Eduardo J. Goenaga Diaz, MD; Wake Forest Baptist Medical Center

Perioperative Management of a Silent Right Pulmonary Venous Myxoma

Erina Ng, MD; Srikantha Rao, MD, MS; Penn State Hershey Medical Center

Intraoperative Atypical Takotsubo Cardiomyopathy: A Case Report

Charles Minh; Maninder Singh, MD; Stacy Gregory, MD; Metrohealth Medical Center

Bentall Procedure in a Jehovah's Witness Complicated by Left Main Coronary Stenosis

Engy Hanna, MD; Viachaslau Barodka, MD; Johns Hopkins Hospital

A Novel Approach to Cavotrial Renal Cell Carcinoma

Zhao Yang; Mary B. Brady, MD, FASE; Johns Hopkins University School of Medicine

Subaortic Membrane Resection in the Adult

James Scott; Elifce O. Cosar, MD; UMass Memorial Medical Center

Heartware Ventricular Assist Device (VAD) Placement in a Patient With D-Transposition of Great Arteries (D-TGA)

Sankalp Sehgal; Jonathan Left; Montefiore Medical Center/Albert Einstein COM

TEE Imaging in a Patient With Dextrocardia With Situs Inversus

Annie Yao; Nikolaos J. Skubas, MD, FASE, DSc; Weill Cornell New York-Presbyterian Hospital

The Anesthetic Management of Ebstein's-Like Anomaly in a 33-Year-Old Female With Severe Tricuspid Insufficiency for Tricuspid Valve Replacement

Aaron Wolfe; Ravi Joshi; UTSW

Anesthetic Management for a Goiter Extending Into the Anterior Mediastinum

Torijaun Dallas, MD; Michael W. Manning, MD, PhD; Duke University Medical Center

Cold Agglutinins in a Patient Undergoing Hypothermic Circulatory Arrest for AVR Conduit and Arch Repair

Stephanie Vecino, MD; Weill Cornell Medical Center (NYP)

Cesarian Section in a Parturient With Severe Hypertrophic Obstructive Cardiomyopathy

David W. Barbara; Katherine W. Arendt, MD; William Mauermann, MD; Mayo Clinic

Giant Right Atrium, Interatrial Septal Aneurysm, and PFO: A Case of Surgical Resection and Repair

Justin M. Poltak, MD; Jared Feinman; Massachusetts General Hospital

Post-Bypass Echocardiographic Finding Necessitating a Return to CPB

Pritul Patel, MD; Himani Bhatt, DO, MPA; Gregory W. Fischer, MD; Mount Sinai Hospital New York

RESIDENT/FELLOW COMPLEX CASE PRESENTATIONS

Emergent Transcatheter Aortic Valve Replacement for Cardiac Failure Following Myocardial Infarction

Megan Olejniczak; Pieter J. Van der Starre, MD, PhD; Stanford

Perioperative Considerations for a Cardiac Paraganglioma: Not Just Another Cardiac Mass

Rebecca Gerlach; Robert L. Lobato, MD; Lorraine Lubin; Danny Ramzy, MD PhD; Antonio Hernandez Conte, MD, MBA; Cedars-Sinai Medical Center

A Challenging Bypass Run: The Resection of a Mass Invading the Superior Vena Cava

Margot Denham, MD; Manxu Zhao, MD; Cedars-Sinai Medical Center

Sudden Cardiac Arrest: An Unusual Presentation of Postpartum Cardiomyopathy

Brian Telesz; James Lynch; Roger White, MD; Kent Rehfeldt, MD; Sean M. Bruggink, MD; Mayo Clinic

Intracardiac Mass in Patient With History of Metastatic Melanoma

Abimbola Faloye; Igor Zhukov, MD; Emory Healthcare

Cardiopulmonary Thrombus in a Patient on Extracorporeal Life Support With a Recent History of Heparin Induced Thrombocytopenia

Angela Neufeld, MD; David J. Cook, MD; Martha Grogan, MD; Mayo Clinic Rochester

Left Ventricular Intracavitary Collapse With Biventricular Outflow Obstruction in Noonan Syndrome

Amrita Cheema; Johanna C. Schwarzenberger, MD; Rudolph Nguyen, MD; UCLA

Iatrogenic Aortic Dissection After Placement of Intra-Aortic Balloon Pump

John M. Albert, Jr, MD; Charles Jones, MD; Matthew A. Joy, MD; Case Western University at MetroHealth

Where Is the Bullet?

Matthew Gilbert, MD; Maninder Singh, MD; Anil Jagetia, MD; Case Western Reserve MetroHealth Medical Center

Severe Diastolic Dysfunction and Symptomatic Hypertrophic Cardiomyopathy in a Patient Undergoing Bilateral Knee Arthroplasty

Paula Trigo Blanco; Ala S. Haddadin, MD; Yale New Haven Hospital

Monitored Anesthesia Care for Subclavian Venous-Arterial Extracorporeal Membrane Oxygenation (VA ECMO) Cannulation.

Jason Fu; Bessie Kachulis, MD; Columbia University

A Case of an Aortic Arch Aneurysm Compressing the Left Main Bronchus and Pulmonary Artery

Jennifer L. Gerber, MD; Adam Barrus, MD; Antonio Hernandez Conte, MD, MBA; Nicola D'Attellis, MD; Stephen Yang, MD; Cedars Sinai Medical Center

Hemorrhagic Shock in Ehlers Danlos Syndrome Type IV

Ashley M. Yager, MD; Chiranjeev Saha, MD; Rush University Medical Center

Left Ventricular Assist Device Explantation: A Rare Case of Conversion From Mechanical Circulatory Support to Native Myocardial Function

Dustin Tsitouris, MD; University of Cincinnati Medical Center

Ascending Aortic Dissection: Avoiding Unnecessary Operations With TEE

Phat T. Trinh; Antonio Chiricolo, MD; Al Solina, MD; Robert Wood Johnson Hospital

Respiratory Compromise During Cardiopulmonary Bypass Surgery

Ryan Goldsmith; Kent B. Berg, MD, MBA; University of Florida

Anesthetic Management of Pre-Term Delivery in a Patient With Decompensated, Non-Ischemic Cardiomyopathy, Biventricular ICD and Bioprosthetic Tricuspid Valve

Tarun J. Subrahmanian, MD; Yaser M. Rad, MD; Carol Ann B. Diachun, MD; Andrew R. Sifain, MD; University of Rochester Medical Center

Cardiopulmonary Instability Following Lung Transplantation

Aaron Barry; Frank DuPont, MD; Mark A. Chaney, MD; University of Chicago

Bilateral Vocal Cord Immobility and Transcatheter Aortic Valve Implantation

Julio Benitez-Lopez, MD; Gian Paparcuri, MD; David E. Rosow, MD; Yiliam F. Rodriguez-Blanco, MD; University of Miami, Miller School of Medicine

Aortic Valve Dehiscence and Pseudoaneurysm of the Aortic Root Diagnosed by Intraoperative Transesophageal Echocardiography in the Setting of Late Prosthetic Valve Endocarditis

Rudolph Nguyen, MD; Michael J. Sopher, MD; University of California, Los Angeles

A Rare Case of Unruptured Giant Right Coronary Sinus of Valsalva Aneurysm and DeBakey Type 2 Aortic Dissection

David L. Parisian; Ettore Crimi, MD; University of Florida

Emergent Aortic Dissection Repair in Jehovah Witness With Bloodless Medicine

Michelle E. DaCosta, MD; Michael K. Dishart, MD; Christopher A. Troianos, MD; West Penn Allegheny Residency Program, Allegheny Health Network

Combined Heart and Liver Transplant in Patient With Congenital Heart Disease

Patrick Shea, MD; Mayo Clinic

TEE Diagnosis and Management of Cardiac Tamponade During Venoarterial Extracorporeal Membrane Oxygenation

Nicholas W. Markin, MD; Dan Johnson, MD; Amy Duhachek-Stapelman, MD; University of Nebraska Medical Center

Papillary Fibroelastoma Causing Right Ventricular Outflow Obstruction in a Patient With Myotonic Dystrophy

Benjamin Sickler; Edward A. Kahl, MD; OHSU

Nitric Oxide in the Setting of Mitral and Aortic Valve Replacement: Friend or Foe?

Nicole Weiss, MD; Anne Cherry, MD; Duke University

RESIDENT/FELLOW COMPLEX CASE PRESENTATIONS

Acute Presentation of Loeys-Dietz Syndrome in a Previously Healthy Male

Arjun Reddy, MD; Michelle Capdeville, MD; The Cleveland Clinic

The Use of Transesophageal Echocardiography to Identify Pulmonary Valve Injury After Chest Trauma

Meredith Goodwin, MD; Ferenc Puskas, MD, PhD; Tamas Seres, MD, PhD; University of Colorado Denver

An Unusual Cause of Postoperative Fever After Methylene Blue Administration During Cardiac Surgery

Clare Ridley, MD; Stuart J. Weiss, MD, PhD; Jeremy Herrmann, MD; Stephanie Fuller, MD; University of Pennsylvania

Acquired Aortic Stenosis After Chronic Support With Continuous Axial Flow Left Ventricular Assist Device

Neal Duggal; Anna V. Dubovoy, MD; University of Michigan

LVAD for Left Ventricular Non-Compaction: A Rare, Complex and Challenging Case for the Perioperative Physician

Jeffrey Swanson, MD; Jonah Patel, MD; John A. Fox, MD; Andrea H. Worthington, BA; Gregory Couper, MD; Martin Zammert, MD; Brigham and Women's Hospital

Iatrogenic Pulmonary Embolism in a Patient Undergoing Robotic Mitral Valve Repair

Martha M. Chacon; Peter J. Neuburger, MD; New York University

Aortic Valve Fibroelastoma...to Proceed or Not to Proceed With Trans-Catheter Aortic Valve Replacement

Adam Barrus, MD; Lorraine Lubin, MD; Antonio Hernandez Conte, MD, MBA; Rebecca Aron, MD; Cedars-Sinai Medical Center

Chylopericardium Inducing Cardiac Tamponade With a Left Ventricular Assist Device: An Unusual Presentation

Dustin Lloyd; University of Washington

Hemodynamic Stability and Intraoperative Extubation During Off-Pump HeartWare Left Ventricular Assist Device Implantation

Charlene M. Blake, MD, PhD; Heidi K. Atwell, DO; Washington University in St. Louis School of Medicine

Transthoracic Pulmonary Artery Catheter in an Adult Patient

Tomas J. Kucera, MD; Tomas Martin, MD; Andrew D. Pitkin, MBBS, FRCA; University of Florida

Distaster Averted After Cannulation for Type A Dissection Due to Detection by Transesophageal Echocardiography

Michael T. Tran, DO; Nelson H. Burbano, MD; Shiva Sale, MD; Cleveland Clinic Foundation

Incidentally Found Type A Aortic Dissection

Patrick Shea, MD; Mayo Clinic

Acute Massive Pulmonary Embolism in a Patient With Glioblastoma Multiforme and Intracerebral Hemorrhage

Kyle E. Johnson, MD; Seema P. Deshpande, MD; University of Maryland Medical Center

Raiders of the Lost Wire: Intraoperative Management During Removal of Retained Intracardiac Foreign Body

Brittney Williams, MD; Erik Strauss, MD; University of Maryland Medical Center

Fatal Perioperative Intracardiac Thrombosis After Cessation of Cardiopulmonary Bypass

Matthew R. Krzemienski, MD; Samuel Hankins, MD; Texas Heart Institute

Incidental Finding of a Left Atrial Thrombus in a Patient With Normal Sinus Rhythm

Fernando A. Mujica; Robina Matyal, MD; Beth Israel Deaconess Medical Center

The Role of Transesophageal Echocardiography in Detecting Atrioventricular Groove Disruption During Mitral Valve Replacement

Phebe Ko, MD; Kimberly L. Skidmore, MD; Kevin Thornton, MD; University of California San Francisco

Complete Heart Block as a Presenting Symptom of Poststernotomy Mediastinitis

Emily McQuaid-Hanson, MD; Breandan L. Sullivan, MD; University of Colorado Hospital

Management of Systolic Anterior Motion and Right Ventricle Failure After Mitral Valve Repair With a Dobutamine Ramp Study to Elicit Inotrope Threshold

Cristina M. Fernandez; Elrond Teo, MBBS; Emory University

Cardiac Arrest After Sternotomy in a Patient Undergoing CABG

Matthew Gilbert, MD; Charles E. Smith, MD; Case Western Reserve Metrohealth Medical Center

A Pregnant Patient With Severe Pulmonic Stenosis, Right Ventricular Failure, and Pulmonary Hypertension Delivering a Baby With Tetralogy of Fallot and Hypoplastic Aortic Arch

Ana M. Manrique-Espinel, MD; Jennie Ngai, MD; NYUMC

Rapid Diagnosis of Major Vascular Injury During Laser Lead Extraction by Intraoperative TEE

Lisa Rong; Srdjan Jelacic, MD; University of Washington

Anesthetic Considerations in a Patient With Severe Right Ventricular Outflow Tract Obstruction Caused by Saphenous Vein Graft Aneurysm

Jeffery A. Ollis II, MD; Kelly Grogan, MD; Medical University of South Carolina

Knotted Pulmonary Artery Catheter: A Case Report and Lesson Learned

Robert M. Covington, DO; University of Florida

Perioperative Management of Hyperthyroidism in the Setting of Euthyroid Sick Syndrome During Mitral Valve Repair and Coronary Artery Bypass Grafting on Cardio-Pulmonary Bypass

Brian Gebhardt; Rana Badr, MD; University of Massachusetts School of Medicine

Simultaneous or Staged Procedures: Coronary Artery Bypass Graft and Lung Resection

Sandra Goyal; Chiranjeev Saha, MD; Rush University Medical Center

RESIDENT/FELLOW COMPLEX CASE PRESENTATIONS

Surgical Repair of an Atrial Septal Defect

Kenneth Shelton, MD; Jason Qu, MD; Massachusetts General Hospital

Infective Endocarditis of the Aortic Valve Complicated by a Large Pericardial Effusion

Matthew Kushnir, MD; Elifce Cosar, MD; University of Massachusetts

Anesthetic Management of a Neurosurgical Patient With a Large Intra-Cardiac Mass Undergoing Craniotomy for Brain Tumor Resection

Adrian M. Ionescu, MD; Brian S. Freeman, MD; Georgetown University School of Medicine

Minimally Invasive Systemic Atrioventricular Valve Replacement for Severe Regurgitation in a Patient With Levo-Transposition of the Great Arteries

Maurice Davis, MD; Sunitha Govindaswamy, MD; Beaumont Health System

Left Ventricular Outflow Tract Obstruction in Off-Pump CABG

Edward J. Grady, MD; Michael Duggan, MD; Emory

Bloodless Management of a Jehovah's Witness With an Acute Stanford Type A Aortic Dissection

Stephanie Rayos, MD; Colleen Koch, MD, MS, MBA; Cleveland Clinic Foundation

Right Coronary Impingement and Myocardial Ischemia Due to Valve Graft Migration Following Transcatheter Aortic Valve Replacement

Jacqueline S. Lagoy, MD; Jessica A. Hathaway, MD; Gregg S. Hartman, MD; Athos Rassias, MD; Dartmouth Hitchcock Medical Center

Perioperative Management of an Intravenous Heroin User With Endocarditis for Mitral Valve Replacement

Jennifer L. Gerber, MD; Francisco A. Arabia, MD; Lorraine Lubin, MD; Antonio Hernandez Conte, MD, MBA; Bahman Shamloo, MD; Diba Daneshrad, MD; Cedars Sinai Medical Center

Hypotension and Hypoxemia Following BiVAD Insertion

Lauren N. Hampton; Oksana Klimkina, MD; University of Kentucky Department of Anesthesiology

Transcatheter Aortic Valve Replacement Induced Left Ventricle Outflow Obstruction

Onkar Judge, MD; Anna K. Kowalczyk, MD; University of California, Davis, School of Medicine

A Case of Difficult Pediatric Cardioplegia

James G. Widyn; Heidi M. Boules, MD; Madelyn D. Kahana, MD; Montefiore Medical Center

Perioperative Course Following Surgical Closure of Atrial Septal Defect in an Elderly Patient Key Words: Atrial Septal Defect, Pulmonary Hypertension, Respiratory Failure, Transesophageal Echocardiography

Oscar A. Lopez; Jennie Ngai, MD; NYU Langone Medical center

Difficult Access and Possible Challenges With the New AngioVac System (Edwards Lifescience)

Mahesh Vaidyanathan, MD; Juan P. Villani, MD; University of Mississippi Medical Center

Acute Symptomatic Anemia in the Setting of Paravalvular Leak Following Bioprosthetic Aortic and Mitral Valve Replacement

Christopher Moser; Massachusetts General Hospital

Impossible to Induce Safely: SVC Narrowing With Adrenal Insufficiency?

Allison Moriarty; Daniel C. Sizemore, MD; West Virginia University

Incidental Right-Sided Mass Discovered by Intraoperative TEE: Cardiac Hemangioma

Mary Jennette; Lavinia M. Kolarczyk, MD; Bryant Murphy, MD; UNC

TEE Findings in a Patient With Severe LVOT Obstruction and Previous History of Mustard Procedure

Siavosh Saatee, MD; Nikolaos J. Skubas, MD, FASE, DSc; Weill Cornell Medical College

Super Echo Panel

Sunday, March 30, 4–5:30 pm

Aggravated Functional Mitral Regurgitation After a Redo Aortic Valve Replacement.

Sridhar R. Musuku, MD; Saroj Pani, MD; Albany Medical Center

Echo For IVC Thrombectomy: A Case of Tumor in Transit

Natalie A. Silverton, MD; Jennifer DeCou, MD; Georges Desjardins, MD, FRCPC, FASE; University of Utah

Unique Cause of Left Ventricular Outflow Tract Obstruction and Immobile Right Coronary Cusp After a Mitral and Tricuspid Valve Repair

Sridhar R. Musuku, MD; Saroj Pani, MD; Asim Raja, MD; Nathapong Arunakul, MD; Marcela Hanakova, MD; Albany Medical Center

3D TEE Visualization of Aortic Leaflet Perforation Following Mitral and Tricuspid Valve Repair

Anne Cherry, MD; Alina Nicoara, MD; J. Mauricio Del Rio, MD; Duke University

Implantation of a Scimitar Vein Into the Left Atrium in a Patient With Scimitar Syndrome

Thomas F. Sawyer II, MD; Andrej Alfirevic, MD; Cleveland Clinic Foundation

Rare Find in Stanford Type A Dissection

Bilal Ahmad; Donn Marciniak, MD; Cleveland Clinic

Diagnosis of a Basal Inferior Left Ventricular Aneurysm and Associated VSD

Erik Strauss, MD; Andrew Walker, MD; University of Maryland

An Unexpected Case of Discrete Subaortic Stenosis

Jacob A. Clark, MD; Beth Israel Deaconess Medical Center

EXHIBITORS

Exhibitors	Booth #
3M Health Care.....	111
Alere.....	308
The American Board of Anesthesiology, Inc.....	313
Anesthesiology News.....	102
Baxter Healthcare.....	223
Cadence Pharmaceuticals, Inc.....	316
CASMED.....	217
CODAN.....	204
Covidien.....	113
Edwards Lifesciences LLC.....	104
GE Healthcare.....	320
Grifols.....	114, 116
HAEMONETICS®.....	309
HeartWorks by Inventive Medical Ltd.....	315
Hospira.....	318
ImaCor Inc.....	200
IntuBrite, LLC.....	103
KARL STORZ Endoscopy-America, Inc.....	205
Masimo Corporation.....	325
Mennen Medical Corp.....	306

Exhibitors	Booth #
The Medicines Company.....	218
Mindray USA Inc.....	310
The National Board of Echocardiography, Inc.....	311
Nonin Medical/Terumo Cardiovascular Group.....	100
Pacira Pharmaceuticals, Inc.....	108
PharMEDium Services, LLC.....	106
Philips Healthcare.....	304
Preferred Physicians Medical.....	112
Prime Medical Inc.....	322
rEVO Biologics.....	207
Sheridan Healthcare.....	321
Society of Cardiovascular Anesthesiologists.....	104
Somnia Anesthesia.....	206
Success Concepts.....	301
Teleflex.....	110
TEM Systems, Inc.....	209
Wolters Kluwer Health.....	305

EXHIBIT HOURS

Sunday, March 30	3–4 pm
Monday, April 1	10 am–3:30 pm
Tuesday, April 2	10 am–1:30 pm

THANK YOU

as of March 7, 2014

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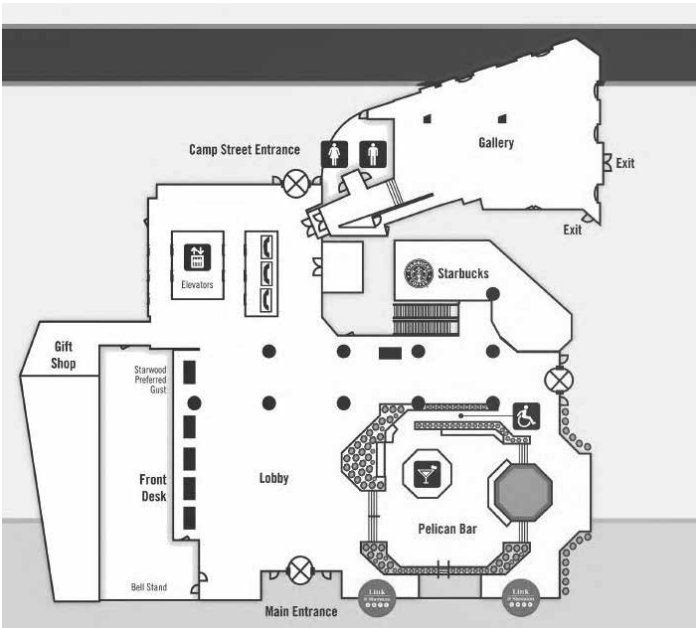
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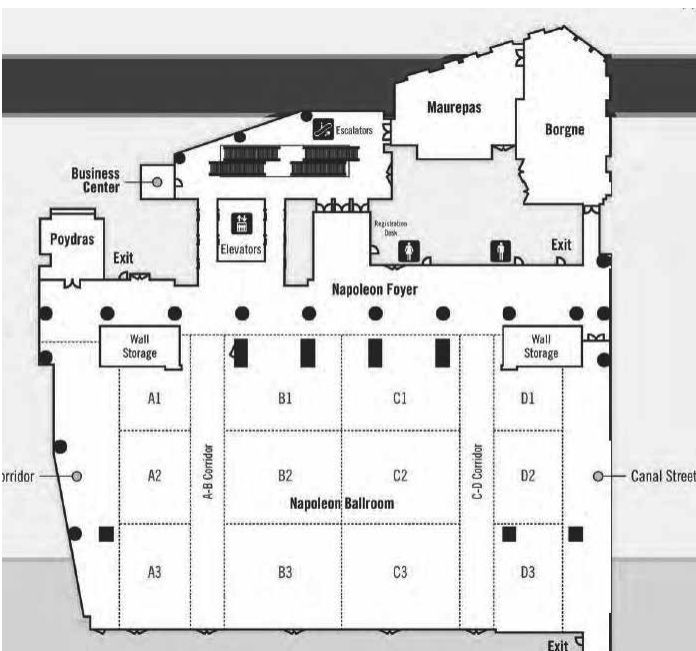
HOTEL FLOOR PLANS



First Floor

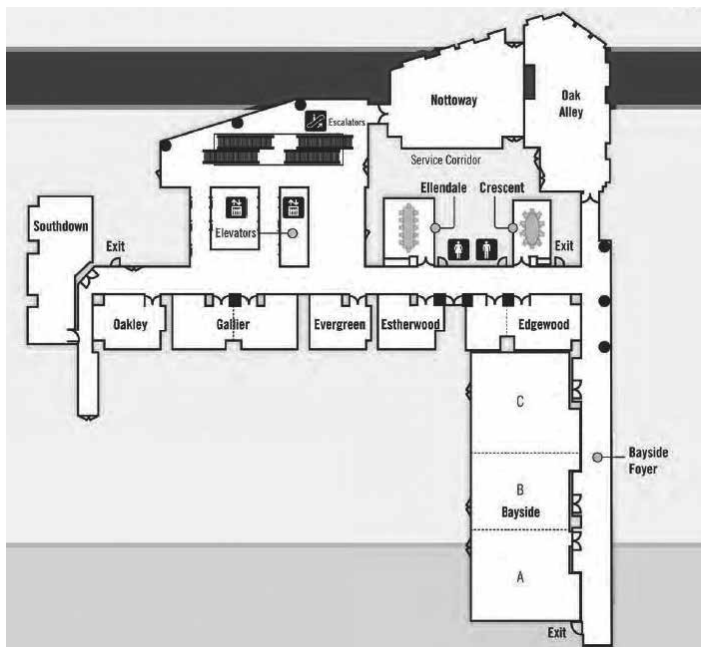


Second Floor

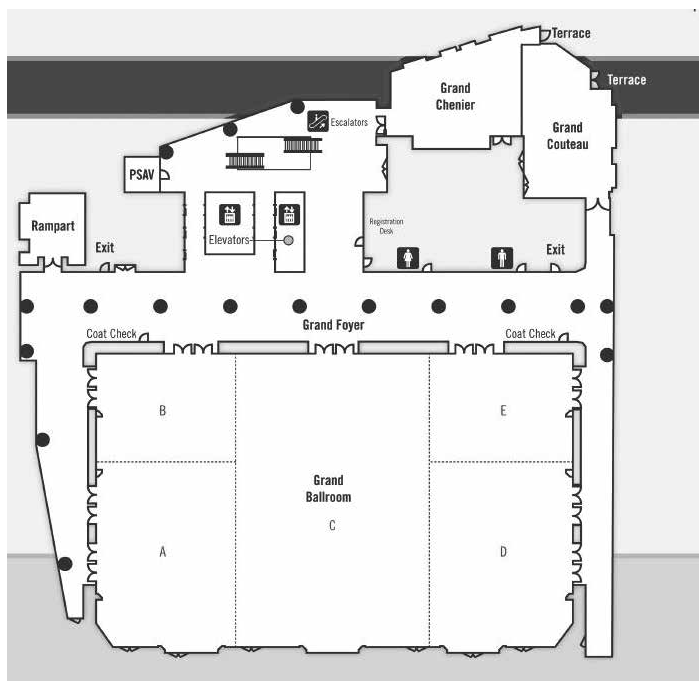


Third Floor

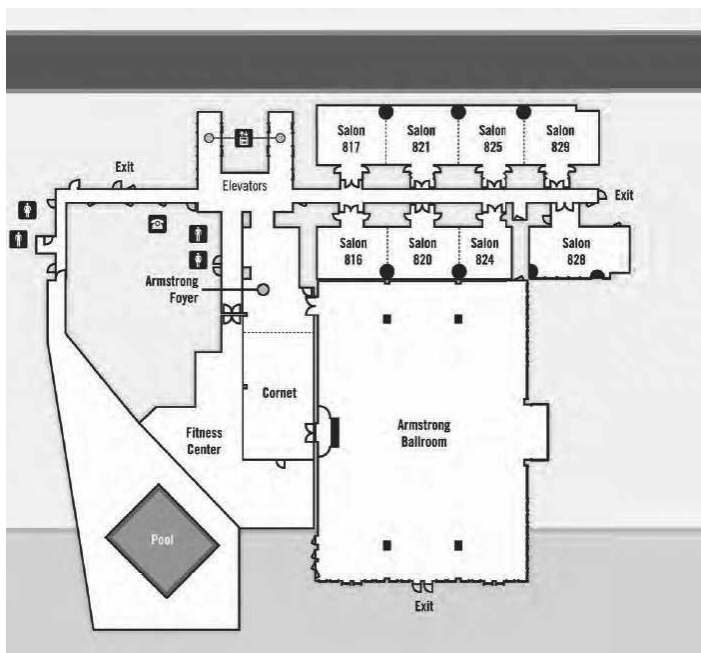
HOTEL FLOOR PLANS



Fourth Floor



Fifth Floor



Eighth Floor

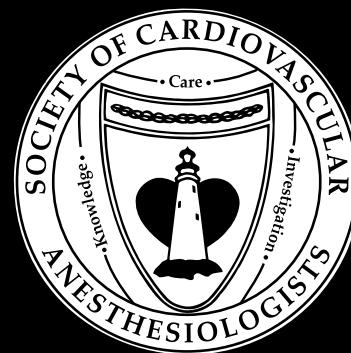
SCA COMMITTEE MEETING SCHEDULE

Friday, March 28			Monday, March 31		
5:30–8:30 pm	Scientific Program Committee	Oak Alley	9:30–10:30 am	Nominating Committee	Salon 816
Saturday, March 29			Noon–1:30 pm	CME Committee	Salon 816
11 am–Noon	Committee Chair Meeting	Salon 825		Economics & Governmental Affairs Committee	Salon 828
Noon–5 pm	Research Committee	Salon 829	Tuesday, April 1		
4:30–6:30 pm	TAS Planning Committee	Salon 825	Noon–1:30 pm	Clinical Practice Improvement Committee	Salon 816
Sunday, March 30				Ethics Committee	Salon 825
8–9:30 am	Fellowship Program Director Council	Borgne		Publications Committee	Salon 817
10 am–Noon	Echo Program Committee	Salon 816		SCA/STS Database Committee	Salon 829
12:30–2 pm	Bylaws Committee	Salon 816		Scientific Program Committee	Salon 828
	Electronic Communications Committee	Salon 829			
	International Committee	Salon 828			
	Membership Committee	Salon 825			
	Newsletter Committee	Salon 817			

Interested in participating in SCA by serving on a committee?

Please complete the Committee Appointment Request Form in the annual meeting online syllabus and return it to society headquarters by mail or by e-mail to info@scahq.org.

Save the Date



37TH ANNUAL MEETING & WORKSHOPS

April 11–15, 2015

Washington Marriott Marquis

Washington, DC