



16 ISMICS
ANNUAL SCIENTIFIC MEETING
Montréal 15 - 18 June 2016
Fairmont The Queen Elizabeth | Montréal Québec, Canada

Countdown to ISMICS 2016:
49 Days

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WEDNESDAY, 15 June 2016

07.00 - 08.00 Continental Breakfast for Postgraduate Registrants

08.00 - 17.00 Masters Courses

| 08.00 - 12.00 Morning General Session: Point / Counter Point - Morning Focused Session Chairs | | | 08.00 - 17.00 Thoracic Masters Class |
|---|--|--|--|
| Cardiac Masters Day Focused Session: Minimally Invasive Aortic and Endovascular Therapies Chairs: Derek Brinster, MD <i>Lenox Hill Hospital, New York, NY</i> Andreas Martens, MD <i>Hannover Medical School, Germany</i> | Cardiac Masters Day Focused Session: Atrial Fibrillation Chairs: Niv Ad, MD <i>Inova Heart and Vascular Institute, Falls Church, VA</i> Stefano Benussi, MD <i>St. Raffaele University Hospital, Milan, Italy</i> | Cardiac Masters Day Focused Session: Heart Failure Chairs: Anson Cheung, MD <i>University of British Columbia, Vancouver, CA</i> Jan F. Gummert, MD <i>Klinik Fur Herzchirurgie, Bad Oeynhausen, Germany</i> | Thoracic Masters Day Chairs: Chrish Fernando, MD <i>Boston Medical Center, Boston, MA</i> Todd Demmy, MD <i>Rutgers Cancer Institute of New Jersey, New Brunswick, NJ</i> |
| Lunch Break | | | |
| 13.00 - 17.00 Afternoon General Session: Point / Counter Point - Afternoon Focused Session Chairs | | | Thoracic Masters Class (continued) |
| Cardiac Masters Day Focused Session: Minimally Invasive & Robotic Mitral Valve Surgery Chairs: Robinson Poffo, MD <i>Hospital Israelita Albert Einstein, Sao Paulo, Brazil</i> Cem H. Alhan, MD <i>Acibadem University, Istanbul, Turkey</i> | Cardiac Masters Day Focused Session: Minimally Invasive & Innovative Coronary Bypass Surgery Chairs: Johannes Bonatti, MD <i>Cleveland Clinic, Cleveland, OH</i> Husam H. Balkhy, MD <i>University of Chicago Medicine, Chicago, IL</i> | Cardiac Masters Day Focused Session: Minimally Invasive & Transcatheter Aortic Valve Therapies Chairs: Mattia Glauber, MD <i>Sant'Ambrogio Clinic, Milan, Italy</i> Eric J. Lehr, MD <i>Swedish Heart and Vascular Institute, Seattle, WA</i> | |

17.00 - 19.00 Welcome Reception in Exhibition Hall

19.00 - 22.00 ISMICS Board of Directors Meeting, Working Dinner

18.00 - 20.00 [Thoracic Technical Challenges: Pitfalls and Disasters](#)

Chair: Jens C. Rueckert, MD; *University Medicine Berlin-Charite Campus Mitte, Berlin, Germany*
Co-Chair: Harmik Soukiasian, MD; *Cedars Sinai Medical Center, Los Angeles, CA*

18.00 - 20.00 [Cardiac Technical Challenges: Pitfalls and Disasters](#)

Chair: Valavanur A. Subramanian, MD; *HRT Heart Repair Technologies, New York, NY*
Co-Chair: Ramachandra Reddy, MD; *Mount Sinai Medical Center, New York, NY*

20.00 Adjourn



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THURSDAY, 16 June 2016

- 06.30 - 07.50 **BREAKFAST SYMPOSIA⁺** (up to 3 concurrent)
Breakfast Symposia are not part of the ISMICS scientific program and are not eligible for CME credits through the ISMICS joint sponsor, Cinemed.
- 07.30 - 08.30 **Continental Breakfast in Exhibition Hall**
- 08.00 - 10.45 **Thoracic: Didactic Sessions**
Co-Chair: Hiran C. Fernando, MD
Richard S. Lazzaro, MD
- 08.00 - 09.30 **Session I: Minimally Invasive Lobectomy: Optimal Approach**
Moderators: Richard S. Lazzaro, MD
Young Tae Kim, MD
- 08.00 - 08.15 **Multiport VATS**
Harmik Soukiasian, MD
Cedars Sinai, Los Angeles
- 08.15 - 08.30 **Single Port VATS**
Sebastien Gilbert, MD
University of Ottawa, Ottawa, CA
- 08.30 - 08.45 **Robot-Lobectomy**
Giulia Veronesi, MD
Humanitas Research Hospital, Milan, Italy
- 08.45 - 09.00 **Transcervical and Subxiphoid Lobectomy**
Marcin Zielinski, MD
Pulmonary Hospital, Zakopane, Poland
- 09.00 - 09.15 **Non-intubated Lobectomy**
Jin-Shing Chen, MD
National Taiwan University Hospital, Taipei, Taiwan
- 09.15 - 09.30 **Panel: Question and Answer**
Harmik Sousakkian, Sebastien Gilbert, Giulia Veronesi, Marcin Zielinski, Jin Shing Chen
- 09.30 - 10.35 **Session II: Complex Minimally Invasive Resection**
Moderators: Hiran C. Fernando
Jens C. Ruckert
- 09.30 - 09.45 **Robotic Lobectomy with Chest Wall Resection**
Richard S. Lazzaro, MD
Lenox Hill Hospital, New York, NY
- 09.45 - 10.00 **VATS Segementectomy and pneumonectomy**
Rodney J. Landreneau, MD
Allegheny Health Network, Department of Cardiothoracic Surgery, Pittsburgh, PA
- 10.00 - 10.15 **Uniportal VATS Sleeve Bronchoplasty/ Aterioplasty**
Yuming Zhu, MD
Shanghai Pulmonary Hospital, Shanghai, China
- 10.15 - 10.35 **Panel: Question and Answer**
Richard S. Lazzaro, Rodney J. Landreneau, Yuming Zhu
- 10.35 - 10.40 **Announcement of Chitwood Travel Award**
- 10.40 - 10.45 **Announcement of Subramanian Innovation Award**
- 10.45 - 11.00 **Introduction of the New Members**
- 11.00 - 11.45 **Presidential Address**
Gregory P. Fontana, MD
- 11.45 - 13.15 **ISMICS International Fellows and Residents Luncheon – Trainees to Consultants⁺**
- 11.45 - 13.15 **LUNCH SYMPOSIA⁺** (up to 3 concurrent)
Luncheon Symposia are not part of the ISMICS scientific program and are not eligible for CME credits through the ISMICS joint sponsor, Cinemed.
- 13.15 - 17.00 **Thoracic: Afternoon Session**
- 13.15 - 15.15 **Session I: Endoscopic and Percutaneous Interventions**
Moderators:

Inderpal S. Sarkaria, MD
Ali Zamir Khan, MD

- 13.15 - 13.30 **Advanced EBUS beyond Lymph Node Sampling**
Moishe Liberman, MD
Centre Hospital de l'Universite de Montreal, Montreal, CA
- 13.30 - 13.45 **EM Navigation for Dye-marking and Ablation**
Douglas J. Minnich, MD
University of Alabama at Birmingham, Birmingham, AL
- 13.45 - 14.00 **EMR and ESD**
Thomas J. Watson, MD
USC Department of Surgery, Pasadena, CA
- 14.00 - 14.15 **POEM**
Steven DeMeester, MD
USC Department of Surgery, Pasadena, CA
- 14.15 - 14.30 **Esophageal Ablation: RFA vs. Cryoablation**
Hiran C. Fernando, MD
Boston Medical Center, Boston, MA
- 14.30 - 14.45 **Endoscopic Management of Zenkers Diverticulum**
Steven DeMeester, MD
USC Department of Surgery, Pasadena, CA
- 14.45 - 15.15 **Panel: Question and Answer**
Moishe Liberman, Douglas J. Minnich, Thomas J. Watson, Steven Demeester, Hiran C. Fernando
- 15.15 - 15.30 **Break**
- 15.30 - 17.00 **Session II: New Paradigms in Thoracic Surgery**
Moderators: Thomas J. Watson, MD
Guilia Veronesi, MD
- 15.30 - 15.45 **Laparoscopic Transgastric Resection**
M. Blair Marshall MD
Georgetown University Hospital, Washington DC
- 15.45 - 16.00 **Real-time, Intraoperative Evaluation of Gastric Conduit Perfusion**
Daniela Molena, MD
Memorial Sloan Kettering Cancer Center, New York, NY
- 16.00 - 16.15 **Subxiphoid Approach for Anterior Mediastinal Tumors**
Marcin Zielinski, MD
Pulmonary Hospital, Zakopane, Poland
- 16.15 - 16.30 **Role of 3D Printing for Thoracic Surgery**
Stephen D. Cassivi, MD
Mayo Clinic, Rochester, MN
- 16.30 - 16.45 **Is SBRT Superior to Sublobar Resection?**
Ricardo Santos, MD
Hospital Israelita Albert Einstein, Sao Paulo, Brazil
- 16.45 - 17.00 **Panel: Question and Answer**
M. Blair Marshall, Daniela Molena, Stephen D. Cassivi, Ricardo Santos
- 17.15 - 18.30 **Exhibition Hall Reception**
- 17.15 - 18.30 **Poster Competition: Round 1**
Chief Moderator: Rex Stanbridge, MD; *St. Mary's Hospital, London, England*
- 18.00 - 20.00 **EVENING SYMPOSIA†**
Evening Symposia are not part of the ISMICS scientific program and are not eligible for CME

FRIDAY, 17 June 2016

- 06.30 - 07.50 **BREAKFAST SYMPOSIA†** (up to 3 concurrent)
Breakfast Symposia are not part of the ISMICS scientific program and are not eligible for CME credits through the ISMICS joint sponsor, Cinemed.
- 07.30 - 08.30 **Continental Breakfast in Exhibition Hall**
- 08.00 - 09.20 **Thoracic Session 1: Pulmonary Resection**
Moderators: M. Blair Marshall, MD
Daniela Molena, MD
- T1. VATS and RATS Lobectomy: What Access Is Better For Pulmonary Tuberculosis?**
Peter Yablonskii, Grigori Kudriashov, Sabridin Nuraliev, Igor Vasilev, Armen Avetisyan.
Saint-Petersburg Research Institute Phthisiopulmonology, Saint-Petersburg, Russian Federation
- T2. The Feasibility of Thoracoscopic Resection in Adhesive Infectious Lung Diseases**
Talha Dogruyol¹, Volkan Baysungur¹, Ilhan Ocakcioglu², Aysun Misirlioglu¹, Serdar Evman¹, Serda Kanbur¹, Levent Alpay¹, Cagatay Tezel¹.
¹Sureyyapasa Pulmonology and Thoracic Surgery Training and Research Hospital, Istanbul, Turkey, ²Karabük Training and Research Hospital, Karabük, Turkey
- T3. Use of Hydrogen Peroxide and Povidine Iodine in Intra Pleural Wash**
Narendra Agarwal¹, Shaiwal Khandelwal¹, Ruchi Girotra², Kamran Ali¹, Mohd Fauzi¹, Ali Zamir Khan¹.
¹Medanta the Medicity, Gurgaon, India, ²SHKM Govt. Medical College, Gurgaon, India
- L1. Invited Presentation**
Are MIS Approaches Feasible for Infectious /Inflammatory Lung Disease?
Petrucio A. Sarmento, MD
Paraiba Federal University, Joao Pessoa, Brazil
Discussion (12 minutes)
- T4. Claims and Outcomes of Lawsuits after Antireflux Surgery in the United States**
Joshua A. Boys¹, Brian Hoffman², Daniel S. Oh¹, Brenda Radmacher², Evan T. Alicuben¹, Steven R. DeMeester¹.
¹University of Southern California, Los Angeles, CA, USA, ²Wood, Smith, Henning & Berman LLP, Los Angeles, CA, USA
Discussion (4 Minutes)
- T5. Incorporating Robotic-Assisted Surgery Training into Integrated Thoracic Surgery Residency Programs**
Chyun-Yin Huang, Adnan M. Al-Ayoubi, Ahmad Al-Taweel, Adil Ayub, Khalid Alshehri, Sadiq Rehmani, Wissam Raad, Faiz Y. Bhora.

Mount Sinai Health System, New York, NY, USA

Discussion (4 Minutes)

T6. [Intrapleural Airflow Signal Processing to Predict Duration of Pulmonary Air Leak: A Preliminary Analysis](#)

Daniel French, Sebastien Gilbert.

University of Ottawa, Ottawa, ON, Canada

Discussion (4 Minutes)

09.20 - 10.20 **Thoracic Session 2: The Small Pulmonary Nodule and Staging of NSCLC**

Moderators: Richard Santos, MD

Petr Yablonski, MD

T7. [Evaluation of Thoracoscopic Ultrasonography for Localization of Pulmonary Nodules in Resected Ex-Vivo Human Lungs](#)

Hideki Ujii¹, Tatsuya Kato¹, Suhaib Hasan¹, Hsin-pei Hu¹, Priya Patel¹, Hironobu Wada¹, Daiyoon Lee¹, Kosuke Fujino¹, David Hwang², Marcelo Cypel¹, Marc de perrot¹, Andrew Pierre¹, Gail Darling¹, Tom Waddell¹, Shaf Keshavjee¹, Kazuhiro Yasufuku¹.

¹Division of Thoracic Surgery, Toronto General Hospital, University Health Network, University of Toronto, Toronto, ON, Canada, ²Department of Pathology, Toronto General Hospital, University Health Network, University of Toronto, Toronto, ON, Canada

Discussion (4 Minutes)

T8. [Geometric Mapping of Small Pulmonary Nodules](#)

Mitsuhiro Kamiyoshihara, Takashi Ibe, Natsuko Kawatani, Hitoshi Igai.

Maebashi Red Cross Hospital, Maebashi, Japan

Discussion (4 Minutes)

T9. [Electromagnetic Navigational Bronchoscopy with Dye Marking for Identification of Small Peripheral Lung Nodules during Minimally Invasive Surgical Resection](#)

Juan A. Munoz, Virginia Little, Michael I. Ebright, Hiran C. Fernando.

Boston University School of Medicine, Boston, MA, USA

Discussion (4 Minutes)

Panel: Small Nodule Localization

Moderators: Richard Santos, MD

Panelists: Hideki Ujii, Mitsuhiro Kamiyoshihara, Juan A. Munoz

T10. [VATS Sentinel Node Biopsy Reduces the need for Systematic Mediastinal Lymphadenectomy in early Stage NSCLC](#)

Nenad Ilic, Josko Juricic, Dragan Krnic, Nives Frleta Ilic, Duje Orsulic, Ivan Sinundza, Darko Ilic.

University Surgical Hospital, Split, Croatia

Discussion (4 Minutes)

T11. [Predictors of Actionable Results in Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration](#)

Muneeb Mohammed, Saswata Deb, Kamyar Soghrati, Abdollah Behzadi.

Trillium Health Partners, University of Toronto, Toronto, ON, Canada

Discussion (4 Minutes)

10.20 - 11.00 **Coffee Break in Exhibition Hall**

11.00 - 11.20 **Consensus Statement**

11.20 - 12.20 **Keynote Address**

12.20 - 13.50 **LUNCH SYMPOSIA[†]** (up to 3 concurrent)

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13.50 - 14.05 **LATE BREAKING NEWS**

LBN are not part of the ISMICS scientific program and are not eligible for CME credits through the ISMICS joint sponsor, Cinemed.

14.05 - 15.05 **Kit V. Arom Lectureship**

15.05 - 15.20 **Coffee Break in Exhibition Hall**

15.20 - 16.30 **Thoracic Session 3: Lung and Mediastinum**

Moderators: Kemp H. Kernstine, MD

Thomas J. Watson, MD

T12. [Learning Curve for Uniportal Vats Lobectomies: The Papworth Experience](#)

Benedetta Bedetti¹, Luca Bertolaccini², Piergiorgio Solli¹, Marco Scarci¹.

¹Papworth Hospital, Cambridge, United Kingdom, ²Sacro Cuore - Don Calabria Research Hospital, Negrar - Verona, Italy

Discussion (4 Minutes)

T13. [Two-year Outcomes after Single Port VATS Lobectomy with Mediastinal Lymph Node Dissection in Non-Small Cell Lung Cancer](#)

Yong Soo Choi, Seok Kim, Hong Kyu Lee, Jong Ho Cho.

Sungkyunkwan University School of Medicine Samsung Medical Center, Seoul, Korea, Republic of

Discussion (4 Minutes)

T14. [Liposomal Bupivacaine versus Bupivacaine/Epinephrine for Postoperative Pain Management in Patients Undergoing VATS Wedge Resection](#)

Salvatore Parascandola, Jessica Ibanez, Graham Keir, Jacqueline Anderson, M. Blair Marshall, Deanna Flynn, Michael Plankey, Candice Cody, Marc Margolis.

Georgetown University, Washington, DC, USA

Discussion (4 Minutes)

T15. [Transsternal versus Robotic Thymectomy for Thymoma: Feasibility and Results](#)

Ian Paul, Kay See Tan, Joe Dycoco, Prasad Adusumilli, Manjit S. Bains, Matthew J. Bott, James Huang, David R. Jones, Valerie W. Rusch, Bernard J. Park.

Memorial Sloan Kettering Cancer Center, New York, NY, USA

Discussion (4 Minutes)

T16. [An Early Series of Patients Undergoing Simultaneous Bilateral Thoracoscopy during Robotic-Assisted Thymectomy](#)

Inderpal Sarkaria, MD¹, Nicholas Hess, BS², Neil Christie, MD¹, Ryan Levy, MD¹, James Luketich, MD¹.

¹University of Pittsburgh Medical Center, Pittsburgh, PA, USA, ²University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

Discussion (4 Minutes)

16.30 - 17.30 **Poster Competition Finals**

Chief Moderator: Rex Stanbridge, MD; St. Mary's Hospital, London, England

18.30 - 20.30 **Attendee Reception**

21.00 - 22.30 **President's Nightcap**

SATURDAY, 18 June 2016

08.30 - 09.30 **Continental Breakfast in Exhibition Hall**

08.30 - 09:00 **ISMICS Member Business Meeting**

09.00 - 10.00 Thoracic Movie Day - Session I

Moderators: TBD, MD
Marcin Zielinski, MD

TV1. [3-Dimensional Reconstruction for Resection of a Growing Lung Nodule](#)

John P. Costello, MD¹, Dilip S. Nath, MD², Hank P. Rappaport, MD³, M. B. Marshall¹.

¹MedStar Georgetown University Hospital, Washington, DC, USA, ²Children's National Medical Center, Washington, DC, USA, ³MedStar Center for Innovation, Washington, DC, USA

Discussion (3 Minutes)

TV2. [Robotic-Assisted Right Upper Lobectomy with En-Bloc Chest Wall Resection for a T3 Adenocarcinoma](#)

Nguyen M. Le, MD, Laurence N. Spier, MD, Richard S. Lazzaro, MD.

Northwell Health - Lenox Hill Hospital, New York, NY, USA

Discussion (3 Minutes)

TV3. [Uniportal Thoracoscopic Resection of Intralobar Pulmonary Sequestration](#)

Alan D. Sihoe, MBBChir, FRCS(CTH), FCCP, Qigang Luo, Jinglong Li, Dazhi Pang.

The University of Hong Kong Shenzhen Hospital, Shenzhen, China

Discussion (3 Minutes)

TV4. [Robotic-Assisted Right Upper Lobectomy for an 11-cm Non-Small Cell Lung Cancer](#)

Nguyen M. Le, MD, Laurence N. Spier, MD, Richard S. Lazzaro, MD.

Northwell Health - Lenox Hill Hospital, New York, NY, USA

Discussion (3 Minutes)

TV5. [Electromagnetic Navigational Bronchoscopy \(ENB\) with Cone Beam Computerized Tomography \(CBCT\) GUIDANCE - Enabling Surgeons to Overcome Limitations](#)

Sandeep Sachidananda, MD¹, Cristobal Alvarado, MD².

¹Waterbury Hospital, Waterbury, CT, USA, ²Hartford Healthcare Medical Group, Meriden, CT, USA

Discussion (3 Minutes)

TV6. [Robot-assisted Diaphragm Plication](#)

Raghav Murthy, MBBS¹, Kemp Kernstine, MD.,PhD.²

¹Rady Children's Hospital, San Diego, CA, USA, ²UT Southwestern Medical Center, Dallas, TX, USA

Discussion (3 Minutes)

10.00 - 10.15 Coffee Break**10.15 - 11.15 Thoracic Movie Day - Session II**

Moderators: Richard S. Lazzaro, MD
Sebastien Gilbert, MD

TV7. [Thoracoscopic Resection of Two Thoracic Outlet Schwannomas](#)

Trevor C. Upham, MD¹, Conor F. Hynes, MD², M Blair Marshall, MD².

¹University of California, San Diego, La Jolla, CA, USA, ²Georgetown University Hospital, Washington, DC, USA

Discussion (3 Minutes)

TV8. [Uniportal Subxiphoid VATS Thymectomy](#)

Giuseppe Aresu, MD, PhD, Gianluca Masullo, MD, Francesco Londero, MD, Angelo Morelli, MD.

Santa Maria della Misericordia University Hospital Udine, Udine, Italy

Discussion (3 Minutes)

TV9. [Robotic-Assisted Radical Thymectomy with En-Bloc Resection of Right Upper and Middle Lobe Wedges and Pericardium](#)

Nguyen M. Le, MD, Laurence N. Spier, MD, Richard S. Lazzaro, MD.

Northwell Health - Lenox Hill Hospital, New York, NY, USA

Discussion (3 Minutes)

TV10. [Standardized Approach for Port Placement for Robotic-Assisted Lobectomies with the Robotic Stapler](#)

Nguyen M. Le, MD, Richard S. Lazzaro, MD, Laurence N. Spier, MD.

Northwell Health - Long Island Jewish Medical Center, New York, NY, USA

Discussion (3 Minutes)

TV11. [Intraoperative Lymphatic Mapping in Esophago-Gastric Junction Adenocarcinoma](#)

Daniela Molena.

Memorial Sloan Kettering Cancer Center, New York, NY, USA

Discussion (3 Minutes)

11.15 Adjourn

† - No CME Credits Awarded

* - Young Investigator Award Applicant



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06.30 - 07.50 **BREAKFAST SYMPOSIA†**

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07.30 - 08.30 **Continental Breakfast in Exhibition Hall**

08.00 - 08.15 **Opening & Welcome Remarks**

08.15 - 09.45 **Cardiac Session 1: Valve - Minimally Invasive Approaches, Technologies and Techniques**

Moderators: Malakh L. Shrestha, MD
Mattia Glauber, MD

08.15 - 08.25 **State of the Art: Minimally Invasive Aortic Valve Surgery**

Joseph Lamelas, MD

C1. Aortic Valve Replacement with Sutureless Perceval Bioprosthesis: Single Center Experience with 517 Implants

Giovanni Concistrè, Francesca Chiamonti, Giacomo Bianchi, Michele Murzi, Egidio Varone, Tommaso Gasbarri, Filippo Santarelli, Enkel Kallushi, Alfredo Cerillo, Pierandrea Farneti, Marco Solinas.

Ospedale del cuore "G. Pasquini" - Fondazione G. Monasterio CNR, Massa, Italy

Discussion (4 Minutes)

C2. Patients with Aortic Valve Disease and Coronary Artery Disease can benefit from a Hybrid Approach Combining Aortic Valve Replacement through Right Minithoracotomy and Percutaneous Coronary Intervention

Jaroslav Stolinski, MD PhD, Dariusz Plicner, MD PhD, Grzegorz Grudzien, MD PhD, Janusz Andres, MD PhD, Boguslaw Kapelak, MD PhD.

John Paul II Hospital, Jagiellonian University Cracow, Cracow, Poland

Discussion (4 Minutes)

C3. Trans-right Axillary Aortic Valve Replacement

Masayoshi Tokoro, Toshiaki Ito, Atsuo Maekawa, Sadanari Sawaki, Yasunari Hayashi, Junji Yanagisawa, Takahiro Ozeki, Maiko Tsuji, Mamoru Orii.

Japanese Red Cross Nagoya Daiichi Hospital, Nagoya City, Aichi Pref., Japan

Discussion (4 Minutes)

C4. Traditional Sternotomy versus Minimally Invasive Aortic Valve Replacement in Patients with Left Ventricular Dysfunction

Tom C. Nguyen¹, Vinod Thourani², Yelin Zhao¹, Justin Q. Pham¹, Matthew D. Terwelp¹, Prakash Balan¹, Daniel Ocazionez¹, Anthony Estrera¹, Joseph Lamelas³.

¹University of Texas - Memorial Hermann, Houston, TX, USA, ²Emory University, Atlanta, GA, USA, ³Mount Sinai, Miami, FL, USA

Discussion (4 Minutes)

CV1. A New Automated Minimally Invasive Aortic Valve Replacement Suturing Technique

Amber Melvin, MD¹, Joshua Wong, MD¹, Devang Joshi, MD¹, Heather Gorea, BSME², Angelo Martellaro², Jude Sauer, MD², Peter Knight, MD¹.

¹University of Rochester, Rochester, NY, USA, ²LSI Solutions, Victor, NY, USA

CMP1. Transcatheter Mechanical Aortic Valve Resection

Daniel S.A. Schilling, Saskia Pokorny, Irma Haben, Katharina Huenges, Jochen Cremer, Georg Lutter.

University Hospital Schleswig-Holstein, Department of Cardiovascular Surgery, Kiel, Germany

Discussion (5 Minutes)

CMP2. Comparison of the Hemodynamic Performance of the Rapid Deployment Intuity Aortic Valve (RDAV) with the Conventional Valve Design Addressing Smaller Sizes and Patient Prosthesis Mismatch

Thorsten CW Wahlers¹, Francis Duhay², Günther Laufer³, Axel Haverich⁴.

¹Heartcent University Hospital Cologne, Cologne, Germany, ²Edwards Lifesciences, Irvine, CA, USA, ³University Hospital Vienna, Vienna, Austria,

⁴Hannover Medical School, Hannover, Germany

CMP3. Is there an Impact on Postoperative Morbidity and Long Term Survival after Minimal Invasive Access? A Single Centre Study of 7290 Patients with Aortic Valve Replacement

Sven Lehmann, Fabian Emrich, Christian D. Eitz, Martin Misfeld, Anna Meyer, Anne K. Funkat, Jens Garbade, Friedrich W. Mohr.

Heartcenter Leipzig, Leipzig, Germany

CMP4. Sutureless Technology and Minimal Invasive Approach: are These Real Advantages for Patients Undergoing Aortic Valve Replacement?

Ferdinand Vogt, Steffen Pfeiffer, Joachim Sirch, Theodor Fischlein, Giuseppe Santarpino.

Paracelsus Medical University, Nuremberg, Germany

Discussion (10 Minutes)

L1. Evolution of Catheter-based Endovascular Surgery

William E. Cohn, MD; *Texas Heart Institute, Houston, TX*

09.55 - 10.35 **Coffee Break in Exhibition Hall**

- 10.35 - 10.40 **Announcement of Chitwood Travel Award**
- 10.40 - 10.45 **Announcement of Subramanian Innovation Award**
- 10.45 - 11.00 **Introduction of New Members**
- 11.00 - 11.45 **Presidential Address**
Gregory P. Fontana, MD
- 11.45 - 13.15 **ISMICS International Fellows and Residents Luncheon - Trainees to Consultants†**
- 11.45 - 13.15 **LUNCH SYMPOSIA†**
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- 13.15 - 15.00 **Cardiac Session 2: Revascularization**
Moderators: Husam H. Balkhy, MD
Marc Ruel, MD
- 13.15 - 13.25 **Hybrid vs. All Arterial: Point, Counter-Point**
Marc Ruel, MD; *University of Ottawa Heart Institute, Ottawa, ON, CA*
Rashmi Yadav, MD; *Royal Brompton Hospital, London, UK*
- C5. [Hybrid Coronary Revascularization Is Associated with Improved Short Term Outcomes but Worse Mid-Term Re-intervention Rates Compared to Conventional CABG: A Propensity Matched Analysis](#)**
Yu Xia, Abraham Katz, Stephen Forest, Robert Pyo, Mark Greenberg, Joseph DeRose, Jr.
Montefiore Medical Center, Bronx, NY, USA
- C6. [Is the Future of Coronary Arterial Revascularization a Hybrid Approach? The Canadian Experience across Three Centres](#)**
Vincenzo Giambardino, MD¹, Ahmad Hafiz, MD¹, Stephanie Fox¹, Hugues Jeanmart, MD², Richard Cook, MD³, Feras Khaliel, MD¹, Patrick Teefy, MD⁴, Kumar Sridhar, MD⁴, Shahar Lavi, MD⁴, Rodrigo Bagur, MD⁴, Ivan Iglesias, MD⁵, Philip Jones, MD⁵, Christopher Harle, MD⁵, Daniel Bainbridge, MD⁵, Michael Chu, MD¹, Bob Kiaii, MD¹.
¹Division of Cardiac Surgery, Department of Surgery, Western University, London Health Sciences Centre, London Ontario, ON, Canada, ²Division of Cardiac Surgery, University of Montreal, Montreal Heart Institute, Montreal, QC, Canada, ³Division of Cardiac Surgery, University of British Columbia, St. Paul's Hospital, Vancouver, BC, Canada, ⁴Division of Cardiology, Department of Medicine, Western University, London Health Sciences Centre, London Ontario, ON, Canada, ⁵Department of Anesthesia and Perioperative Medicine, Western University, London Health Sciences Centre, London Ontario, ON, Canada
- CMP5. [15 Years Experience Of Endoscopic Robotic Assisted Coronary Artery Bypass To Lad \(Endoacab\) As Part Of A Hybrid Approach With Percutaneous Intervention \(PCI\) To Non-Lad Vessels: A Minimally Invasive Approach For Full Revascularization In Multi-Vessels Coronary Artery Disease](#)**
Maria Cannolella, Alan Soo, Rashmi Yadav, Richard Trimlett, Anthony De Souza.
Royal Brompton Hospital, London, United Kingdom
Discussion (10 Minutes)
- CMP6. [Mid-Term Follow-up of Minimally Invasive Multivessel Coronary Artery Bypass Grafting: Is the Learning Curve Detrimental?](#)**
Maria Lorena Rodriguez, Harry Lapierre, Benjamin Sohmer, David Glineur, Marc Ruel.
University of Ottawa Heart Institute, Ottawa, ON, Canada
- CMP7. [Off-pump Totally Endoscopic Coronary Artery Bypass Grafting: 7-year Single-center Experience and Long-term Follow-up of Graft Patency](#)**
Changqing Gao, Huajun Zhang, Ming Yang, Yang Wu, Nan Cheng.
PLA General Hospital, Beijing, China
- CMP8. [10 Year Follow-Up of Patients Undergoing Totally Endoscopic Coronary Artery Bypass Grafting](#)**
Markus Kofler¹, Sebastian Reinstadler², Lukas Stastny³, Alim Basaran³, Thomas Schachner³, Guy Friedrich², Dominik Wiedemann⁴, Johannes Bonatti⁵, Nikolaos Bonaros⁶.
¹Medical University of Innsbruck, Innsbruck, Austria, ²Medical University of Innsbruck, Cardiology, Austria, ³Medical University of Innsbruck, Cardiac surgery, Austria, ⁴Medical University of Vienna, Cardiac surgery, Austria, ⁵Cleveland Clinic Abu Dhabi, Cardiac Surgery, United Arab Emirates, ⁶Medical University of Innsbruck, Cardiac Surgery, Austria
Discussion (8 Minutes)
- C7. [Complexity of Coronary Artery Disease and Revascularization Quality in Off-Pump versus On-Pump Surgery: Analysis from the GOPCABE Study](#)**
Konstantin Preindl¹, Nobuyuki Furukawa¹, Diana Diaz¹, Kavous Hakim-Meibodi¹, Stephan Ensminger¹, Armin Zittermann¹, Arno Diegeler², Jan-Fritz Gummert¹, Jochen Börgermann¹.
¹Herz- und Diabeteszentrum NRW Ruhr University of Bochum, Bad Oeynhausen, Germany, ²Cardiovascular Clinic Bad Neustadt, Bad Neustadt a.d. Saale, Germany
Discussion (4 Minutes)
- CMP9. [Aortic versus Clamshell Off-Pump versus Conventional Coronary Artery Bypass Grafting - Midterm Analysis of 5,422 Unselected Patients](#)**
Nobuyuki Furukawa¹, Konstantin Preindl¹, Andre Renner¹, Anas Aboud¹, Kavous Hakim-Meibodi¹, Michael Benzinger¹, Thomas Pühler¹, Stephan Ensminger¹, Tobias Becker¹, Oliver Kuss², Jan-Fritz Gummert¹, Jochen Börgermann¹.
¹Herz- und Diabeteszentrum NRW Ruhr University of Bochum, Bad Oeynhausen, Germany, ²Inst. for Biometry and Epidemiology, German Diabetes Center, Leibniz Institute for Diabetes Research at Heinrich Heine University Düsseldorf, Düsseldorf, Germany
- CMP10. [A Comparison of Hospital Cost and Outcomes between Minimally-Invasive Techniques for Coronary Artery Bypass Surgery Utilizing Robotic Technology](#)**
Zachary N. Kon¹, Chetan Pasrija¹, Mehrdad Ghoreishi¹, Eric Lehr², James S. Gammie¹, Bartley P. Griffith¹, Johannes Bonatti³, Bradley Taylor¹.
¹University of Maryland School of Medicine, Baltimore, MD, USA, ²University of Maryland School of Medicine, Baltimore, WA, USA, ³Cleveland Clinic Abu Dhabi, Abu Dhabi, United Arab Emirates
Discussion (5 Minutes)
- CV2. [Redo Coronary Artery Bypass Graft Surgery from the Descending Thoracic Aorta to the Lateral Wall of the Left Ventricle Via left Mini Thoracotomy](#)**
Odeaa Al jabbari, Walid K. Abu Saleh, Mahesh Ramchandani.
Houston Methodist DeBakey Heart & Vascular Center, Houston, TX, USA
- CV3. [No-sternotomy Full Arterial Revascularization for Everyone](#)**
Boris Robic, MD, Pascal Starinieri, Alaaddin Yilmaz, MD.
Jessa Hospital, Hasselt, Belgium
Discussion (5 Minutes)
- CMP11. [The Laser-Assisted Coronary Anastomotic Connector - The Trinity Clip - in a Preclinical Safety Study](#)**
David Stecher¹, Glenn Bronkers², Cornelis A.F. Tulleken¹, Imo E. Hoefer¹, Lex A. van Herwerden¹, Gerard Pasterkamp¹, Marc P. Buijsrogge¹.
¹University Medical Center Utrecht, Utrecht, Netherlands, ²Corvasco Medical b.v., Utrecht, Netherlands
- CMP12. [A New Suturing Device for Small Arteries](#)**
Ryoichi Kondo¹, Yoshifumi Itoda¹, Hiroyuki Tsukihara¹, Hiroshi Ashiba², Etsuko Kobayashi², Ichiro Sakuma², Minoru Ono¹.

¹The University of Tokyo, Department of Cardiacsurgery, Tokyo, Japan, ²The University of Tokyo, Department of Precision Engineering, Tokyo, Japan

CMP13. Minimally Invasive CABG is safe and durable: 10 year Results of the First Thousand Cases

Joseph T. McGinn, Jr.¹, Masood A. Shariff¹, Maria L. Rodriguez², John P. Nabagiez¹, Marc Ruel².

¹Staten Island University Hospital, Northwell Health, STATEN ISLAND, NY, USA, ²University of Ottawa Heart Institute, Ottawa, ON, Canada
Discussion (5 Minutes)

15.15 - 15.45 **Coffee Break in Exhibition Hall**

15.45 - 17.15 **Cardiac Session 3: Arrhythmia**

Moderators: Harold G. Roberts, MD
W. Randolph Chitwood, Jr, MD

15.45 - 15.55 **Single-Setting vs. Staged Hybrid**

Andy C. Kiser, MD; East Carolina Heart Institute, East Carolina University, Greenville, NC
Bart P. Van Putte, MD; St. Antonius Hospital, Utrecht, Netherlands

C8. Mei Mini Maze Procedure: Five Years' Experience of Consecutive 353 Patients in Single Center

Ju Mei, Nan Ma, Zhaolei Jiang, Hao Liu, Jiaquan Zhu.

Department of Cardiothoracic Surgery, Xinhua Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, China
Discussion (4 Minutes)

C9. Minimally Invasive Cox-Maze Procedure is as effective as Median Sternotomy Approach

Matthew R. Schill, MD, Laurie A. Sinn, RN, BSN, Richard B. Schuessler, PhD, Hersh S. Maniar, MD, Ralph J. Damiano, Jr, MD.
Washington University in St. Louis, Saint Louis, MO, USA
Discussion (4 Minutes)

C10. Clinical Results of Thoracoscopic Surgery in Non-valvular Atrial Fibrillation

Toshiya Ohtsuka, Mikio Ninomiya, Takahiro Nonaka, Motoyuki Hisagi.

Tokyo Metropolitan Tama Medical Center, Tokyo, Japan
Discussion (4 Minutes)

CMP14. Redo VATS Epicardial Atrial Fibrillation Ablation in Patients with Previous Cardiac Surgery

Gansevoort H. Dunnington, Jr., Carolyn Pierce.
St Helena Hospital, St Helena, CA, USA

CMP15. Long Term Follow-Up Following Minimally Invasive Surgical Ablation For Stand-Alone Atrial Fibrillation

Gianluigi Bisleri, Fabrizio Rosati, Lorenzo Di Bacco, Laura Giroletti, Claudio Muneretto.
University of Brescia Medical School, Brescia, Italy

CMP16. Early Operative Comparison of Two Epicardial Left Atrial Appendage Occluding Systems Applied During Off-Pump Coronary Revascularization

Grzegorz Suwalski¹, Robert Emery², Leszek Gryzko³, Kamil Kaczejko³, Emilia Frankowska³, Arkadiusz Zegadlo³, Andrzej Skrobowski³.

¹Military Institute of Health Service, Warsaw, Poland, ²Department of Cardiac Surgery St Joseph's Hospital, Minnesota, MN, USA, ³Military Institute of Medicine, Warsaw, Poland
Discussion (5 Minutes)

CMP17. Caval Occlusion Improves Performance of Beating Heart Epicardial Radiofrequency Ablation

Yoshiyuke Watanabe, MD, PhD¹, Matthew R. Schill, MD², Toshinobu Kazui, MD, PhD³, Richard B. Schuessler, PhD², Ralph J. Damiano, Jr, MD².

¹Nippon Medical School, Tokyo, Japan, ²Washington University in St. Louis, Saint Louis, MO, USA, ³University of Arizona, Tucson, AZ, USA

CMP18. Initial Results of a Two-staged Hybrid Procedure in Patients with Longstanding Persistent Atrial Fibrillation

Niels Verberkmoes, Khibar Salah, Daily Krijnen, Sabine Eijssbouts, Pepijn van de Voort, Bart van Straten.

Catharina Hospital, Eindhoven, Netherlands
Discussion (5 Minutes)

CV4. Concomitant Cox Maze IV Ablation Procedure Performed Entirely by Bipolar Clamp through Right Lateral Minithoracotomy

Ju Mei, Zhaolei Jiang, Nan Ma, Hao Liu, Fangbao Ding, Chunrong Bao.

Department of Cardiothoracic Surgery, Xinhua Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, China.

CMP19. Hybrid Approach in Transvenous Laser-Assisted Extraction of Pacemaker and Defibrillator Leads: The Alliance between Cardiac Surgeon and Electrophysiologist

Alberto Repossini, MD, Laura Giroletti, MD, Gianluigi Bisleri, MD, Lorenzo Di Bacco, MD, Fabrizio Rosati, MD, Luca Bontempi, MD, Antonio Curnis, MD, Claudio Muneretto, MD.

University of Brescia Medical School, Brescia, Italy

CMP20. Minimally Invasive Lead Extraction Post Heart Transplant: Avoiding Abandoned Lead Fragments

Samer Hakmi, Simon Pecha, Osamh Noor, Alexander Bernhardt, Markus Barten, Florian Wagner, Hermann Reichensperner.

University Heart Center Hamburg, Hamburg, Germany
Discussion (5 Minutes)

17.15 - 18.30 **Exhibition Hall Reception**

17.15 - 18.30 **Poster Competition: Round 1**

Chief Moderator: Rex Stanbridge, MD; St. Mary's Hospital, London, England

18.00 - 20.00 **EVENING SYMPOSIA†**

Evening Symposia are not part of the ISMICS scientific program and are not eligible for CME

FRIDAY, 17 June 2016

06.30 - 07.50 **BREAKFAST SYMPOSIA†**

Breakfast Symposia are not part of the ISMICS scientific program and are not eligible for CME

07.30 - 08.30 **Continental Breakfast in Exhibition Hall**

08.00 - 09.30 **Cardiac Session 4: Valve - Mitral**

Moderators: Volkmar Falk, MD
Joseph Lamelas, MD

08.00 - 08.15 **State of the Art: Transcatheter Mitral Therapies and Tricuspid**

Anson Cheung, MD; University of Columbia, Vancouver, BC, CA

C11. Mitral Bridge Implantation eliminates and prevents Early Recurrence of Mitral Regurgitation in Patients with Ischemic Mitral Regurgitation

Stepan Cerny¹, Valavanur A. Subramanian², Nirav Patel³, Miroslava Benesova¹, Ivo Skalsky¹, Katerina Mzourkova¹.

¹Na Homolce Hospital, Prague, Czech Republic, ²HRT - Heart Repair Technologies Inc, Morgan Hill, CA, USA, ³NSHS - Lenox Hill Hospital, New York, NY, USA

Discussion (4 Minutes)

CV5. Pre-Clinical Evaluation of an Automated Minimally-Invasive Mitral Valve Repair Technique

Joshua K. Wong, MD¹, Amber L. Melvin, MD¹, Devang J. Joshi, MD¹, Heather R. Gorea, BSME², Angelo J. Martellaro, AAS², Jude S. Sauer, MD²,

Peter A. Knight, MD¹.

¹University of Rochester Medical Center, Rochester, NY, USA, ²LSI Solutions, Victor, NY, USA

Discussion (4 Minutes)

C12. [Redo Mitral and Tricuspid Valve Surgery: Comparison of Robotic Endoscopic Approach to Redo Sternotomy and Right Thoracotomy](#)

Emmanuel Moss¹, Michael E. Halkos², Jose N. Binongo², Douglas A. Murphy².

¹Jewish General Hospital, McGill University, Montreal, QC, Canada, ²Emory University, Atlanta, GA, USA

Discussion (4 Minutes)

CMP21. [Novel Direct Annuloplasty Fixation System for Minimally Invasive Mitral Valve Repair](#)

Joshua L. Chan, Ming Li, Dumitru Mazilu, Justin G. Miller, Keith A. Horvath.

National Institutes of Health, Bethesda, MD, USA

CMP22. [Shifting From Minimally Invasive To Periareolar Endoscopic Access For Mitral Valve Surgery](#)

Giacomo Bianchi, Rafik Margaryan, Marco Solinas.

Ospedale del Cuore - Fondazione Toscana "G. Monasterio", Massa, Italy

CMP23. [Robotic Mitral Valve Replacement: 6-year Single Centre Experience and Follow-up Results](#)

Changqing Gao, Ming Yang, Huajun Zhang, Cangsong Xiao, Yang Wu, Gang Wang, Yao Wang, Jiali Wang.

PLA General Hospital, Beijing, China

Discussion (5 Minutes)

L2. [Percutaneous Tricuspid Video](#)

Anson Cheung, MD; University of Columbia, Vancouver, BC, CA

CMP24. [2-Year Follow-Up after 3D Ring Annuloplasty for Surgical Tricuspid Valve Reconstruction: Early and Midterm Experience in A Matched Pairs Analysis](#)

Sumi Westhofen, Christian Detter, Hermann Reichenspurner, Florian Wagner.

University Heart Center Hamburg, Hamburg, Germany

CMP25. [Early Results of Minimally Invasive Aortic and Mitral Valve Surgery through a Minithoracotomy](#)

Antonio Lio, Antonio Miceli, Matteo Ferrarini, Mattia Glauber.

Cardiac Surgery and Great Vessel Department, Istituto Clinico Sant'Ambrogio, Milan, Italy

Discussion (5 Minutes)

09.30 - 10.20 Cardiac Session 5: Aortic and Endovascular Therapies

Moderators: Malakh L. Shrestha, MD

Ali Khoynzad, MD

09.30 - 09.40 Total Endovascular Repair for Aortic Disease: Look into the Future

Eric E. Roselli, MD; Cleveland Clinic, Cleveland, OH

C13. [Endovascular Management of Acute Ascending Aortic Pathology using Transapical and Transcarotid Vascular Access](#)

Keith B. Allen, A. Michael Borkon, Sanjeev Aggarwal, J. Russell Davis, Karthik Vamanan, Alex F. Pak, Eric Thompson.

St. Luke's Mid America Heart Institute, Kansas City, MO, USA

Discussion (4 Minutes)

CMP26. [Brachiofemoral Through-and-Through Wire Technique for Hybrid Arch Repair](#)

Hidetake Kawajiri, Katsuhiko Oka, Osamu Sakai, Keiichi Kanda, Hitoshi Yaku.

Kyoto Prefectural University of Medicine, Kyoto, Japan

CMP27. [Open Elephant Trunk versus Hybrid Technique for Complicated Type B Aortic Dissection without Enough Landing Zone](#)

Xin Chen.

Nanjing First Hospital, Nanjing, Jiangsu, China

CMP28. [Early Results of Thoracic Aortic Surgery under Partial Sternotomy](#)

Yosuke Inoue, Kenji Minatoya, Tatsuya Itonaga, Tatsuya Oda, Yoshimasa Seike, Hiroshi Tanaka, Hiroaki Sasaki, Junjiro Kobayashi.

National Cerebral and Cardiovascular Center, Suita, Japan

CMP29. [Minimally Invasive Aortic Arch Surgery](#)

Nora Goebel, Daniel Bonte, Schahriar Salehi-Gilani, Ragi Nagib, Hardy Baumbach, Adrian Ursulescu, Ulrich F.W. Franke.

Robert-Bosch-Hospital, Stuttgart, Germany

Discussion (5 Minutes)

10.20 - 11.00 Coffee Break in Exhibition Hall

11.00 - 11.20 Consensus Statement

11.20 - 12.20 Keynote Address

12.20 - 13.50 LUNCH SYMPOSIA†

Luncheon Symposia are not part of the ISMICS scientific program and are not eligible for CME

13.50 - 14.05 LATE BREAKING NEWS

LBN are not part of the ISMICS scientific program and are not eligible for CME credits through the ISMICS joint sponsor, Cinemed.

14.05 - 15.05 Kit V. Arom Lectureship

15.05 - 15.20 Coffee Break in Exhibition Hall

15.20 - 16.30 Cardiac Session 6: TAVR

Moderators: Anson Cheung, MD

Vinod H. Thourani, MD

15.20 - 15.30 Transcatheter Aortic Valve Replacement in All Corners

Vinod H. Thourani, MD; Emory University Hospital Midtown, Atlanta, GA

C14. [Transcatheter \(TAVR\) versus Surgical \(AVR\) Aortic Valve Replacement: Propensity Score Matched Comparison of 3,751 Patients](#)

Jochen Bögermann¹, Eric Emmel¹, Nobuyuki Furukawa¹, Smita Scholtz¹, Stephan Ensminger¹, Buntaro Fujita¹, Werner Scholtz¹, Marios Vlachojannis¹, Tobias Becker¹, Dieter Horstkotte¹, Oliver Kuss², Jan-Fritz Gummert¹.

¹Herz- und Diabeteszentrum NRW Ruhr University of Bochum, Bad Oeynhausen, Germany, ²³Inst. for Biometry and Epidemiology, German Diabetes Center, Leibniz Institute for Diabetes Research at Heinrich Heine University Düsseldorf, Germany, Düsseldorf, Germany

Discussion (4 Minutes)

C15. [Treatment of Pure Aortic Regurgitation Using a Novel Second-Generation Trans-catheter Aortic Valve Implantation System \(J-Valve™ System\) - Initial Clinical Experience](#)

Da Zhu, Yingqiang Guo, Bengui Zhang, Yingkang Shi.

West China hospital of Sichuan University, Chengdu, China

Discussion (4 Minutes)

CMP30. [Frailty Assessment Using the FORECAST is a Valid Tool to Predict Mortality after Transcatheter Aortic Valve Implantation: Results from the "Comprehensive Assessment of Frailty" Validation Study](#)

Simon H. Sündermann¹, Alexander Meyer¹, Adrian Kobe², Hassan Elmubarak³, Thomas Walther³, Jörg Kempfert¹, Volkmar Falk¹.

¹Deutsches Herzzentrum Berlin, Berlin, Germany, ²University Hospital Zurich, Zurich, Switzerland, ³Kerkhoff Clinic, Bad Nauheim, Germany

- CMP31. [Transcatheter Implantation of Neochords for Mitral Valve Repair - The Double-Helix Knot](#)**
Mehrdad Ghoreishi, Chetan Pasrija, Brody Wehman, Pete Wilson, James Gammie.
University of Maryland School of Medicine, Baltimore, MD, USA
- CMP32. [Transcatheter Mitral Valve Replacement \(TMVR\): a Proof of Principle](#)**
Cristiano Spadaccio¹, Piotr Sonecki¹, Ying Sutherland², Fraser Sutherland¹.
¹*Golden Jubilee National Hospital, Clydebank, Glasgow, United Kingdom*, ²*CardioPrecision Ltd, Glasgow, United Kingdom*
Discussion (5 Minutes)
- CMP33. [Proximal Arterial Access in TAVR: the Case for the Innominate Artery](#)**
Mark A. Groh¹, William B. Abernethy², Joshua P. Leitner², Gerard L. Champsaur².
¹*Asheville Heart, Asheville, NC, USA*, ²*Mission Hospital, Asheville, NC, USA*
- CMP34. [The Valve-in-Valve Procedure - Does Patient Prosthesis Mismatch Matter?](#)**
Philipp Kiefer, Alexandro Hoyer, Thilo Noack, Eric Nerger, Axel Linke, Joerg Seeburger, Friedrich W. Mohr, David Holzhey.
Heart Center Leipzig, Leipzig, Germany
- CMP35. [Single Surgical Centre Experience with Transcatheter Mitral Valve Therapies](#)**
Rashmi Yadav, Alison Duncan, Cesare Quarto, Ulrich Rosendahl, Simon Davies, Neil Moat.
Royal Brompton Hospital, London, United Kingdom
Discussion (5 Minutes)
- L3. [CTA Planning for Transcatheter Mitral Valve Implantations](#)**
Carlos E. Ruiz, MD; *Hackensack University Medical Center, Hackensack, NJ*
- 15.30 - 16.30 **Keynote Address**
- 16.30 - 17.30 **Poster Competition Finals**
Chief Moderator: Rex Stanbridge, MD; *St. Mary's Hospital, London, England*
- 18.30 - 20.30 **Attendee Reception**
- 21.00 - 22.30 **President's Nightcap**

SATURDAY, 18 June 2016

- 08.30 - 09.30 **Continental Breakfast in Exhibition Hall**
- 08.30 - 09.00 **ISMICS Member Business Meeting**
- 09.00 - 09.30 **Panel: Drs. in Suits**
Francis Duhay, MD, Lishan Aklog, MD, Wendel Smith, MD, Jude Sauer, MD, Eric Manasse, MD, Robert C. Robbins, MD, Brian W. Duncan, MD
- 09.30 - 11.00 **Cardiac Session 7: Imaging and Perfusion**
Moderators: Eric E. Roselli, MD
Carlos E. Ruiz, MD
- 09.30 - 09.40 **Use of Minimal Invasive Extracorporeal Circulation in Cardiac Surgery**
Thierry-Pierre Carrel, MD; *University Hospital of Berne, Berne, Switzerland*
- C16. [Antegrade and Retrograde Arterial Perfusion Strategy in Minimally Invasive Valve Surgery Performed Through the Right Chest: A Propensity Score Analysis on 2379 Patients](#)**
Michele Murzi, Alfredo G. Cerillo, Pierandrea Farneti, Enkel Kallushi, Marco Solinas.
Fondazione Toscana Gabriele Monasterio, Massa, Italy
Discussion (4 Minutes)
- CMP36. [Minimally Invasive Mitral Valve Surgery Why Do You Take the Risks?](#)**
Farouk Oueida, MD, Ahmed Attia, MD, Khalid Alkhamees, Khalid Eskander, Hassan Ammar, Mustafa Alrefaie, MD.
Saud Alabtain Cardiac Center, Dammam, Saudi Arabia
- CMP37. [Use of Del Nido Cardioplegia in MICS Cases - 4 Years of Surgical Experience and Follow Up](#)**
Ashwani Bansal, Milind P Hote, V Devagourou, Balram Airan.
AIIMS, New Delhi, India
Discussion (5 Minutes)
- CMP38. [Is A Bicaval Cannulation Strategy Advantageous In Minimally Invasive Mitral Valve Surgery?](#)**
Christopher L. Tarola¹, Daniel JP Burns¹, Stephanie A. Fox¹, Sankar Balasubramanian¹, Rakesh Gudimella¹, Jill J. Gelineas¹, Stuart Swinamer¹, Michael WA Chu¹, Linrui R. Guo¹, Alan Menkis², Bob Kiai¹.
¹*London Health Sciences Center, Western University, London, ON, Canada*, ²*Winnipeg Regional Health Authority, University of Manitoba, Winnipeg, MB, Canada*
- CMP39. [Double Versus Single Double Stage Venous Cannula in Minimally Invasive Mitral Valve Repair](#)**
Alberto Repossini, MD, Lorenzo Di Bacco, MD, Laura Giroletti, MD, Fabrizio Rosati, MD, Gianluigi Bisleri, MD, Claudio Muneretto, MD.
University of Brescia Medical School, Brescia, Italy
Discussion (5 Minutes)
- CMP40. [Thirteen Years' Experience of Intra-operative Graft Validation using SPY 2000 System and brand-new SPY 3000](#)**
Masao Takahashi¹, Keisuke Miyajima¹, Toshihiro Ishikawa², Kazuyoshi Hatada².
¹*Hiratsuka Kyosai Hospital, Hiratsuka, Japan*, ²*Odawara Municipal Hospital, Odawara, Japan*
- CMP41. [Non-Invasive Quantification of Blood Flow in Epicardial Coronary Arteries, Coronary Artery Bypass Grafts, and Anastomoses](#)**
Thomas B. Ferguson, Jr.¹, Cheng Chen, PhD¹, Kenneth Jacobs, PhD¹, Zhiyong Peng, PhD¹, Jeffery Basham².
¹*East Carolina Heart Institute, Greenville, NC, USA*, ²*RFPI, LLC, Greenville, NC, USA*
Discussion (5 Minutes)
- L4. [Google Cardboard Saves Baby's Life](#)**
Redmond P. Burke, MD;
Nicklaus Children's Hospital, Miami, FL
- CMP42. [Feasibility of a New Automatic Imaging Tool Prototype for Interventional Mitral Valve Therapy](#)**
Arnaud Van Linden, Mani Arsalan, Claudia Walther, Won-Keun Kim, Christoph Liebetrau, Ulrich Fischer-Rasokat, Mirko Doss, Thomas Walther.
Kerckhoff Klinik, Bad Nauheim, Germany
- CMP43. [Pre-operative Simulation and Surgical Navigation in Minimally Invasive Cardiac Surgery Using Virtual Reality and Individualized 3 Dimensional Model](#)**
Takashi Murakami, Mitsuharu Hosono, Masanori Sakaguchi, Akimasa Morisaki, Yasuo Suehiro, Shinsuke Nishimura, Yoshito Sakon, Daisuke Yasumizu, Takumi Kawase, Toshihiko Shibata.
Osaka City University Graduate School of Medicine, Osaka, Japan
Discussion (5 Minutes)
- CMP44. [Minimally Invasive Axial Flow to Centrifugal Flow LVAD Exchange - First in Man](#)**
Amit K. Taggarse, David Lyle Joyce.
Mayo Clinic, Rochester, MN, USA
- CMP45.**

Axial to Centrifugal Continuous Flow LVAD Pump Exchange using Minimally Invasive Technique

Amit Pawale, MD, FRCS (CTh), Dimosthenis Pandis, MD, PhD, Ariel Farkash, MD, PhD, Anelechi C. Anyanwu, MD, FRCS (CTh).

*Mount Sinai Medical Center, New York, NY, USA***Discussion (5 Minutes)****CMP46. Minimally Invasive Left Ventricular Assist Device Implantation: A Comparative Study**

Prashant N. Mohite, Diana Garcia-Saez, Bartłomiej Zcyh, Anton Sabashnikov, Rachel Hards, Michael Hedger, Kristine Kiff, Gemma Edwards, Olga Ananiadou, Ashok Padukone, Levente Fazekas, Aron Popov, Binu Raj, Christopher Bowles, Fabio DeRobertis, Toufan Bahrami, Mohamed Amrani, Nicholas Banner, Aida Suarez, Andre Simon.

*Royal Brompton and Harefield NHS Foundation Trust, Harefield, Uxbridge, United Kingdom***CMP47. Left Ventricle Assist Device Minimally Invasive Implantation: The Evolution Of Surgical Technique In A Single Centre Experience**

Jonida Bejko, Alvise Guariento, Marina Comisso, Massimiliano Carrozzini, Maurizio Rubino, Vincenzo Tarzia, Gino Gerosa, Tomaso Bottio.

*Padua University, Padova, Italy***Discussion (5 Minutes)****CMP48. Minimal Posterior Axillary Thoracotomy and Muscle Spare Technique for Female Infants with Congenital Heart Diseases**

Zhongdong Hua.

*Fuwai Hospital Beijing, Beijing, China***Discussion (5 Minutes)**11.00 **Adjourn**

† - No CME Credits Awarded

* - Young Investigator Award Applicant

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