PROGRAM

October 16th, 2015

8:00-10:00

SESSION I:
THE ASCENDING AORTA AND ROOT, ACUTE DISSECTION

Moderators: Joseph S. Coselli
Yutaka Okita

Session I-1  8:00-8:15
Technical Pitfalls and Tricks in Aortic Valve-Sparing Operations
Tirone E. David
Toronto General Hospital, Toronto, ON, Canada

Session I-2  8:15-8:30
An Individualized Approach to the Ascending Aorta in Bicuspid Aortic Valve
Hans-Hinrich Sievers
University of Luebeck, Luebeck, Germany

Session I-3  8:30-8:45
Reoperations on the Aortic Root
Thoralf M. Sundt, III
Massachusetts General Hospital, Boston, MA, USA

Session I-4  8:45-9:00
Acute Aortic Syndrome: Aortic Dissection, Intramural Hematoma, Penetrating Atherosclerotic Ulcer
Yoshikatsu Saiki
Tohoku University, Sendai, Japan

Session I-5  9:00-9:15
Management of Malperfusion in Acute Dissection
Yutaka Okita
Kobe University, Kobe, Japan

Discussion  9:15-9:30
Session Ⅰ-6   9:30-9:40
The Risk of Aortic Dissection in the Moderately Dilated Ascending Aorta: Evaluation of 4654 Individuals
   Joon Kim
   University of Ulsan College of Medicine, Seoul, Korea

Session Ⅰ-7   9:40-9:50
Location of Residual Entry after Aortic Repair for Acute Type A Aortic Dissection is Associated with Enlargement of the Downstream Aorta
   Homare Okamura
   Jichi Medical University, Saitama, Japan

Session Ⅰ-8   9:50-10:00
15 Years of Surgery for Acute Type A Aortic Dissection in Moderate Systemic Hypothermia
   Andreas Zierer
   Johann Wolfgang Goethe University, Frankfurt am Main, Germany

COFFEE BREAK  10:00-10:30
10:30-12:30
SESSION II : THE ARCH AND CEREBRAL PROTECTION

Moderators: Yutaka Okita
Joseph E. Bavaria

Session II-1 10:30-10:45
Deep Hypothermia is the Gold Standard for Cerebral Protection
Thoralf M. Sundt, III
Massachusetts General Hospital, Boston, MA, USA

Session II-2 10:45-11:00
Techniques for Cerebral Protection with Moderate Hypothermia
Kenji Minatoya
National Cerebral and Cardiovascular Center, Osaka, Japan

Session II-3 11:00-11:15
Contemporary Technique for Open Aortic Arch Repair
Hitoshi Ogino
Tokyo Medical University, Tokyo, Japan

Session II-4 11:15-11:30
Hybrid Aortic Arch Repair - Present and Future -
Toru Kuratani
Osaka University Graduate School of Medicine, Osaka, Japan

Session II-5 11:30-11:45
The Place for the Elephant Trunk
Roberto Di Bartolomeo
Universita di Bologna, Bologna, Italy

Discussion 11:45-12:00
Session Ⅱ-6  12:00-12:10
The Directional Dependency of Ascending Aorta Biomechanics Disappears with Severe Medial Degeneration

Jennifer Chung
McGill University, Montreal, QC, Canada

Session Ⅱ-7  12:10- 12:20
Clinical Impact of Chronic Kidney Disease for Open Aortic Arch Surgery with Hypothermia

Hiroshi Furukawa
Kawasaki Medical School, Kurashiki, Japan

Session Ⅱ-8  12:20-12:30
Optimal Treatment Strategy for Aortic Arch Aneurysm: Open Repair vs. TEVAR with Branched Stent Graft

Masahide Kawatou
Kyoto University, Kyoto, Japan

Luncheon Seminar

Moderator: Yutaka Okita (Kobe University, Kobe, Japan)

12:30-13:30

“History and Current Status of Frozen Elephant Trunk”

Masaaki Kato
Morinomiya Hospital, Osaka, Japan

“Complex Aortic Arch Repair Using Frozen Elephant Trunk”

Naomichi Uchida
Akane-foundation Tsuchiya General Hospital, Hiroshima, Japan
13:30-15:30

SESSION Ⅲ:
DESCENDING AND THORCOABDOMINAL THORACIC AORTA

Moderators: Thoralf M. Sundt, III
Hitoshi Ogino

Session Ⅲ-1 13:30-13:45
Management of Chronic Type B Dissection
Joseph E. Bavaria
University of Pennsylvania, Philadelphia, PA, USA

Session Ⅲ-2 13:45-14:00
Open Thoracoabdominal Aortic Aneurysm Repair: My Approach
Norihiko Shiiya
Hamamatsu University School of Medicine, Hamamatsu, Japan

Session Ⅲ-3 14:00-14:15
Thoracoabdominal Aortic Aneurysm: Open or Stent Graft
Edward P. Chen
Emory University, Atlanta, GA, USA

Session Ⅲ-4 14:15-14:30
Mid- and Long-term Results Following Xenopericardial Aortic Tube Grafts to Treat Infections of the Aorta and of Vascular Grafts and Endografts
Thierry P. Carrel
University Hospital of Berne, Berne, Switzerland

Session Ⅲ-5 14:30-14:45
Endovascular Treatment for Thoracoabdominal Aneurysm or Dissection
Masaaki Kato
Morinomiya Hospital, Osaka, Japan

Discussion 14:45-15:00

Session Ⅲ-6 15:00-15:10
Surgical Strategy for Entire Shaggy Aorta
Akihiko Usui
Nagoya University, Nagoya, Japan
Session Ⅲ-7  15:10-15:20
In-hospital and Follow-up Outcomes of Re-operative Repair of Descending Thoracic and Thoracoabdominal Aneurysms
Christopher Lau
Weill Cornell Medical College, New York, NY, USA

Session Ⅲ-8  15:20-15:30
Analysis of Aneurysm Diameter in Ruptured Descending or Thoracic-abdominal Aortic Aneurysm
Tatsuya Oda
National Cerebral and Cardiovascular Center Japan, Osaka, Japan

COFFEE BREAK  15:30-16:00
16:00-17:00
SESSION IV : CONCLUSION

Session IV-1 16:00-16:20
KEYNOTE SPEAKER:
The History of Aortic Surgery
Joseph S. Coselli
Baylor College of Medicine, Houston, TX, USA

Session IV-2 16:20-16:30
Early and Late Complications after Aortic Arch Hybrid Repair
Tuyoshi Shibata
Hakodate Municipal Hospital, Hakodate, Japan

Session IV-3 16:30-16:40
Patient-specific Fluid Dynamics - A New Diagnostic Tool for Assessment of the Thoracic Aorta?
Pouya Youssefi
St. George’s Hospital, London, United Kingdom

Session IV-4 16:40-16:50
Impact of Synchrotron Radiation Based Phase-contrast X-ray CT Findings on Understanding Onset of Acute Aortic Dissection
Takuro Tsukube
Japanese Red Cross Kobe Hospital, Kobe, Japan

CONCLUDING COMMENTS 16:50-17:00

ADJOURN 17:00
P-1 Two Stents Implantation Technology of Endovascular Repair in Treatment of Type B Aortic Dissection

Xiaoyong Huang  
*Beijing Anzhen Hospital, China, Beijing, China*

P-2 VKORC1 Gene Polymorphisms Potentially Involved in the Development of Ascending Aortic Aneurysms

Martın Andreas  
*Medical University of Vienna, Vienna, Austria*

P-3 Ascending Aorta Aneurysm: Role of Genetic Biomarkers in Surgical Indications

Calogera Pisano  
*University of Palermo, Palermo, Italy*

P-4 The Influence of an Operative Strategy on Outcomes of Acute Type-A Aortic Dissection Cases

Koji Shimizu  
*Shimane University, Shimane, Japan*

P-5 Repairing Ruptured Sinus Valsalvae by Utilizing Skeleton or Solid Structures

Masashi Komeda  
*Takanohara Central Hospital Kansai Heart Center, Nara, Japan*

P-6 Effectiveness of Omental Wrapping to Prevent Infection after Treatment for Infectious Thoracic Aortic Aneurysms

Satoshi Yamashiro  
*University of the Ryukyus, Okinawa, Japan*

P-7 Oversewing Aortic Valve during Continuous-flow Left Ventricular Assist Device Insertion is Not Associate with Aortic Root or Ascending Aortic Dilation

Masahiro Ono  
*Texas Heart Institute, Houston, TX, USA*
P-8  Initial Experience of Modified Four-branched Graft Technique and Antegrade Thoracic Endovascular Aortic Repair in Acute Type A Aortic Dissection

Chia-Hsun Lin
Fu Jen Catholic University, Taipei, Taiwan

P-9  Surgical Strategy in Aortoesophageal Fistulae

Kayo Toguchi
Tokyo Medical University Hospital, Tokyo, Japan

P-10  Endoanchor-assisted TEVAR: The Endopledget Technique

Grayson H. Wheatley
Temple University School of Medicine, Philadelphia, PA, USA

P-11  Which is Better Procedure, Using the Frozen Elephant Trunk Technique or the Classical Elephant Trunk Technique Followed with the Second Stage TEVAR for Extensive Aortic Arch Repair?

Masato Mutsuga
Nagoya University Graduate School of Medicine, Nagoya, Japan

P-12  Simultaneous Repair of Thoracic Aortic Aneurysm and Severe Coronary Artery Disease in High Risk Patients: Debranching Tevar and Opcab

Hideki Ito
Nagoya University Graduate School of Medicine, Nagoya, Japan

P-13  The Impact of Technical Modification on Surgical Outcomes of Total Arch Replacement for Distal Arch Aneurysm

Genichi Sakaguchi
Shizuoka General Hospital, Shizuoka, Japan

P-14  Blunt Traumatic Thoracic Aortic Injury - Can We Delay Reparative Surgery Safely?

Shingo Takahara
Tohoku University, Sendai, Japan

P-15  Management of Aortic Root Pathology - Need for Super Centers?

Pouya Youssefi
St. George's Hospital, London, United Kingdom
P-16 Aortic Central Cannulation in Type B Dissection Repair Through Left Thoracotomy
Shinichiro Shimura
Tokai University, Kanagawa, Japan

P-17 Impact of Sarcopenia on the Outcomes of Elective Total Arch Replacement in Octogenarians
Yuki Ikeno
Kobe University, Kobe, Japan

P-18 Is Prolonged Unilateral Antegrade Cerebral Perfusion Safe in Acute Type A Aortic Dissection?
Meng-Ta Tsai
National Cheng Kung University Hospital and College of Medicine, Tainan, Taiwan

P-19 The Role of External Suture Annuloplasty in Addition to Aortic Valve Repair with or without Root Replacement
Takashi Kunihara
Cardiovascular Institute, Tokyo, Japan

P-20 Prognostic Impact of Preoperative Cardiac Tamponade in Acute Type A Dissection
Tomoya Uchimuro
National Hospital Organization Tokyo Medical Center, Tokyo, Japan

P-21 Remodeling of True Lumen of Aorta after the Use of Fresh Elephant Trunk in Open Surgery for Aortic Dissection
Jeng Wei
Cheng Hsin General Hospital, Taipei, Taiwan

P-22 Aortic-related versus Non-aortic-related Mortality in Patients with Aortic Intramural Hematoma
Thierry P. Carrel
University Hospital of Berne, Berne, Switzerland

P-23 Aortic Root Replacement in Young Patients: Disease Characteristics and Outcomes: A Single Centre Experience over 20 Years
Zile S. Meharwal
Fortis Escorts Heart Institute, New Delhi, India
P-24  Minimally Invasive Single Stage Repair of Extensive Thoracic Aortic Pathologies: Proof of Concept
   Ali El-Sayed Ahmad  
   Johann Wolfgang Goethe University, Frankfurt am Main, Germany

P-25  Early and Late Outcomes Following Emergent Surgery for Iatrogenic Type A Aortic Dissection
   Andreas Zierer  
   Johann Wolfgang Goethe University, Frankfurt am Main, Germany

P-26  Direct Axillary Artery Cannulation Does Not Increase Stroke or Mortality in Acute Type A Aortic Dissection Repair with Innominate Artery Dissection
   Masashi Kai  
   Westchester Medical Center, Valhalla, NY, USA

P-27  Super-fast Track Management with Extubation in the OR for Total Aortic Arch Replacement
   Masahiko Ikebuchi  
   Chikamori Hospital, Kochi, Japan

P-28  Impact of Proximal Anastomosis Failure in Type A Acute Aortic Dissection; Utility of Proximal Stepwise Anastomosis
   Yosuke Inoue  
   National Cerebral and Cardiovascular Center, Osaka, Japan

P-29  Surgical Outcomes of Aortic Repair in Young Adult Patients Associated with Smooth Muscle Cell Alpha Actin (ACTA2) Mutations
   Yoshimasa Seike  
   National Cerebral and Cardiovascular Center, Osaka, Japan