April 4 (Thursday)
Room A / Main Hall (KICC)
9:00 - 10:00

Postgraduate Course 1  1-3
Surgery for Aortic Valve 1
Chairpersons: Ralph J Damiano (Washington University School of Medicine, USA)
Yuichi Ueda (Tenri Hospital, Japan)

PGC1-1 OVERVIEW OF AORTIC VALVE DISEASE: CARDIOLOGIST’S PERSPECTIVE
Hiroyuki Watanabe
Department of Cardiology, Tokyo Bay Medical Center, Japan

PGC1-2 OVERVIEW OF AORTIC VALVE DISEASE: SURGEON’S PERSPECTIVES
Ralph J Damiano
Washington University School of Medicine, USA

PGC1-3 PROSTHESIS-PATIENT MISMATCH AFTER AORTIC VALVE REPLACEMENT: CURRENT ISSUES AND FUTURE PERSPECTIVE
Ko Bando
Department of Cardiac Surgery, International University of Health and Welfare, Japan

10:30 - 12:00

Postgraduate Course 1  4-6
Surgery for Aortic Valve 2
Chairpersons: Duke Cameron (Johns Hopkins Hospital, USA)
Koichi Tabayashi (Tohoku Pharmaceutical University Hospital, Japan (ex-Tohoku Kosei Nenkin Hospital, Japan))

PGC1-4 HOW TO DEAL WITH SEVERE AORTIC CALCIFICATION IN PERFORMING AORTIC VALVE SURGERY
Kazuyoshi Tajima
Department of Cardiovascular Surgery, Nagoya Daini Red Cross Hospital, Japan

PGC1-5 VALVE SPARING AORTIC ROOT REPLACEMENT
Duke Cameron
Johns Hopkins Hospital, USA

PGC1-6 THE IMPROVED EFFICACY AND SAFETY OF MODIFIED ANTEGRADE PERCUTANEOUS BALLOON AORTIC VALVULOPLASTY USING INOUE BALLOON IN TREATING NON-SURGICAL AORTIC STENOSIS WITH SEVERE CALCIFICATION
Yoshihito Sakata
Division of Cardiology, Ikegami General Hospital, Japan

PGC1-7 TRANS-AORTIC VALVULAR REPLACEMENT
Ralph J Damiano
Washington University School of Medicine, USA

12:10 - 13:00

Luncheon Seminar 1
3D IMAGING IN THE HYBRID OPERATING ROOM
Chairperson: Nobuya Koyama (Division of Cardiovascular Surgery, Department of Surgery, School of Medicine, Toho University, Japan)

LS1
Georg Daniel Andreas Nollert
Siemens AG Healthcare, Forchheim and Clinic of Cardiac Surgery, University of Munich, Germany

Co-sponsored by Siemens Japan K.K.
13:10 - 14:00
Postgraduate Course 1  8-9

**HOCM**

Chairpersons: Ralph J Damiano (Washington University School of Medicine, USA)
Hitoshi Yokoyama (Department of Cardiovascular Surgery Fukushima Medical University, Japan)

**PGC1-8 PERCUTANEOUS TRANSLUMINAL SEPTAL MYOCARDIAL ABLATION (PTSMA)**
Morimasa Takayama
Sakakibara Heart Institute, Japan

**PGC1-9 SURGERY IN HOCM**
Ralph J Damiano
Washington University School of Medicine, USA

14:00 - 15:00
Postgraduate Course 1  10-12

**Arch Surgery**

Chairpersons: Kay-Hyun Park (Seoul National University Bundang Hospital, Korea)
Yutaka Okita (Department of Surgery, Division of Cardiovascular Surgery, Kobe University Graduate School of Medicine, Japan)

**PGC1-10 TYPICAL AORTIC ARCH REPLACEMENT**
Hitoshi Ogino
Cardiovascular Surgery Tokyo Medical University, Japan

**PGC1-11 AORTIC ARCH SURGERY IN DISSECTION**
Li Zhong Sun
Beijing Anzhen Hospital, China

**PGC1-12 AORTIC ARCH SURGERY IN COMPLICATED CASES**
Yutaka Okita
Department of Surgery, Division of Cardiovascular Surgery, Kobe University Graduate School of Medicine, Japan

15:15 - 17:00
Postgraduate Course 1  13-16

**CABG/PCI Guideline**

Chairpersons: Omar Lattouf (Emory University, Division of Cardiothoracic Surgery, USA)
Hitoshi Yaku (Department of Cardiovascular Surgery, Kyoto Prefectural University of Medicine, Japan)

**PGC1-13 ACC/AHA GUIDELINE**
Omar Lattouf
Emory University, Division of Cardiothoracic Surgery, USA

**PGC1-14 WHAT CAN WE LEARN FROM 5 YEAR RESULTS OF THE SYNTAX TRIAL?**
A. Pieter Kappetein
Thoraxcenter, Erasmus MC, Rotterdam, Netherlands

**PGC1-15 2010 JOINT ESC/EACTS GUIDELINES ON MYOCARDIAL REVASCULARIZATION**
Philippe H Kolh1, William WJNS2
1Department of Cardio-Thoracic Surgery, University Hospital of LiEGE, Belgium, 2Cardiovascular Center, OLV Ziekenhuis, AALST, Belgium

**PGC1-16 THE JAPANESE GUIDELINE ON MYOCARDIAL REVASCULARIZATION FOR STABLE CAD, PCI/CABG 2012**
Masami Ochi1, Shinichi Takamoto2, Ryuzo Sakata1, Hiroshi Nishida3, Hitoshi Yaku3, Takayuki Ohno4
1Department of Cardiovascular Surgery, Graduate School of Medicine, Nippon Medical School, Tokyo, Japan, 2Department of Cardiovascular Surgery, Graduate School of Medicine, Tokyo Women’s Medical University, 3Department of Cardiovascular Surgery, Department of Surgery, Tokyo Prefectural University of Medicine, 4Department of Cardiovascular Surgery, Mitsui Memorial Hospital
### Postgraduate Course 2  1-4

**Neonatal Cardiac Surgery 1**

**Chairpersons:** Young Hwan Park (Yonsei University Health System, Korea)  
Shunji Sano (Okayama University, Japan)

**PGC2-1** DEVELOPMENT OF NEONATAL CARDIAC SURGERY IN JAPAN  
Hideto Shimpo  
Mie University School of Medicine, Department of Cardiovascular Surgery, Japan

**PGC2-2** CARDIAC SURGERY IN LOW BIRTH WEIGHT  
Mohan Reddy  
Lucile Packard Children's Hospital, Stanford University, USA

**PGC2-3** SELECTIVE CEREBRAL PERFUSION DURING AORTIC ARCH RECONSTRUCTION IN NEONATES AND INFANTS  
Toshihide Asou  
Department of Cardiovascular Surgery, Kanagawa Children's Medical Center, Japan

**PGC2-4** ECMO AND PEDIATRIC CIRCULATORY SUPPORT  
Michiaki Imamura  
Division of Pediatric Cardiovascular Surgery, Arkansas Children's Hospital, USA

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### Postgraduate Course 2  5-6

**Neonatal Cardiac Surgery 2**

**Chairpersons:** Mohan Reddy (Lucile Packard Children's Hospital, Stanford University, USA)  
Tetsuya Kitagawa (University of Tokushima School of Medicine, Department of Cardiovascular Surgery, Japan)

**PGC2-5** NEONATAL ARTERIAL SWITCH  
Christian Brizard  
Royal Children's Hospital, Australia

**PGC2-6** NEONATAL COMPLEX OPEN HEART SURGERY  
William Brawn  
Birmingham Children's Hospital, UK

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### Luncheon Seminar 2

**ULTRA-SHORT-ACTING β1-BLOCKER: A ROLE IN OFF-PUMP CORONARY ARTERY BYPASS SURGERY**

**Chairperson:** Koichi Tabayashi (Tohoku Pharmaceutical University Hospital, Japan (ex-Tohoku Kosei Nenkin Hospital, Japan))

**LS2**  
Hitoshi Yokoyama  
Department of Cardiovascular Surgery, Fukushima Medical University, Fukushima, Japan

Co-sponsored by Ono Pharmaceutical Co., Ltd.
13:10 - 15:00

Postgraduate Course 2  7-10

Neonatal Cardiac Surgery 3
Chairpersons: Pedro Jose del Nido (Boston Children's Hosp., Harvard Medical School, USA)
Kisaburo Sakamoto (Cardiovascular Center, Mt. Fuji Shizuoka Children's Hospital, Japan)

PGC2-7 TOF: PRIMARY REPAIR IN NEONATE AND EARLY INFANCY
Mohan Reddy
Lucile Packard Children's Hospital, Stanford University, USA

PGC2-8 TOF: NON-NEONATAL REPAIR
Young Hwan Park
Department of Cardiovascular Surgery, Severance Cardiovascular Hospital, Yonsei University Health System, Seoul, Korea

PGC2-9 OPTIMAL AORTIC ARCH RECONSTRUCTION IN THE NORWOOD PROCEDURE: A COMPUTATIONAL FLOW DYNAMIC STUDY
Kagami Miyaji, Keiichi Itatani
1Department of Cardiovascular Surgery, Kitasato University School of Medicine, Japan, 2Department of Hemodynamic Analysis, Kitasato University School of Medicine, Japan

PGC2-10 SANO MODIFICATION WITH A RIGHT VENTRICLE –TO–PULMONARY ARTERY SHUNT TO THE PATIENTS WITH HYPOPLASTIC LEFT HEART SYNDROME
Shunji Sano, Shingo Kasahara, Ko Yoshizumi, Atsushi Tateishi, Takuya Kawabata, Yosuke Kuroko, Yasuharu Fujii, Sadahiko Arai
Department of Cardiovascular Surgery, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Science, Okayama, Japan

15:20 - 17:00

Postgraduate Course 2  11-13

Neonatal Cardiac Surgery 4
Chairpersons: Pedro Jose del Nido (Boston Children's Hospital, Harvard Medical School, USA)
Kisaburo Sakamoto (Cardiovascular Center, Mt. Fuji Shizuoka Children's Hospital, Japan)

PGC2-11 SHORT TERM BILATERAL PULMONARY ARTERY BANDING PRIOR TO STAGE 1 NORWOOD FOR ALL HYPOPLASTIC LEFT HEART SYNDROME: POTENTIAL FOR IMPROVED OUTCOMES
Kisaburo Sakamoto, Noritaka Ota, Masaya Murata, Yuko Tosaka, Yujiro Ide, Maiko Tachi, Hiroki Ito, Ai Sugimoto, Hironaga Ogawa
Department of Cardiovascular Surgery, Mt. Fuji Shizuoka Children's Hospital, Japan

PGC2-12 THE BORDERLINE LEFT HEART
Pedro Jose del Nido
Cardiac Surgery, Children's Hospital, Boston, USA

PGC2-13 HYPOPLASTIC LEFT HEART SYNDROME: MANAGEMENT OF TRICUSPID REGURGITATION IN THE NEONATE AND INFANT
Pedro Jose del Nido
Cardiac Surgery, Children's Hospital, Boston, USA

Room C / Room 401+402 (KICC)
9:00 - 10:00

Postgraduate Course 3  1-2

Surgery for Lung Cancer 1
Chairpersons: Douglas E. Wood (University of Washington, USA)
Hiroshi Date (Kyoto University, Japan)

PGC3-1 VATS FOR LUNG CANCER
Sanghoon Jheon
Department of Thoracic and Cardiovascular Surgery, Seoul National University College of Medicine, Korea
PGC3-2  MEDIASTINAL LYMPH NODE DISSECTION (MLND) FOR LUNG CANCER
Hisao Asamura
Division of Thoracic Surgery, National Cancer Center Hospital, Japan

10:30 - 12:00
Postgraduate Course 3   3-5

Surgery for Lung Cancer 2
Chairpersons: Douglas E. Wood (University of Washington, USA)
Hiroshi Date (Kyoto University, Japan)

PGC3-3  SURGICAL TREATMENT FOR MALIGNANT PLEURAL MESOTHELIOMA
Seiki Hasegawa
Departments of Thoracic Surgery, Hyogo College of Medicine, Japan

PGC3-4  IMMUNOTHERAPY FOR LUNG CANCER
Jun Nakajima
Department of Thoracic Surgery, The University of Tokyo Graduate School of Medicine, Tokyo, Japan

PGC3-5  ROLE OF SURGERY OF LUNG CANCER IN THE ERA OF PERSONALIZED MEDICINE
Tetsuya Mitsudomi
Department of Surgery, Kinki University Faculty of Medicine

12:10 - 13:00
Luncheon Seminar 3

CLINICAL IMPACT OF 320ROW - DETECTOR CT FOR CARDIOVASCULAR SURGERY
Chairperson: Hideo Adachi (Department of Cardiovascular Surgery, Saitama Medical Center, Jichi Medical University, Japan)

LS3
Kenji Ibukuro
Department of Radiology, Mitsui Memorial Hospital, Japan

Co-sponsored by Toshiba Medical Systems Corporation

13:10 - 14:40
Postgraduate Course 3   6-8

Esophageal Surgery
Chairpersons: Hiroyuki Kuwano (Department of General Surgical Science (Surgery I) Gunma University Graduate School of Medicine, Japan)
Ken-ichi Mafune (General and Gastrointestinal Surgery, Mitsui Memorial Hospital, Japan)

PGC3-6  TWO TYPES OF ESOPHAGEAL CANCERS, STAGING CLASSIFICATIONS AND TREATMENT GUIDELINES
Hiromasa Fujita
Department of Surgery, Kurume University School of Medicine, Japan

PGC3-7  THORACOSCOPIC RADICAL ESOPHAGECTOMY FOR CANCER –ACCORDING TO MICROANATOMY–
Harushi Osugi
Gastrointestinal Surgery, Osaka City University Graduate School of Medical, Department of Surgery Institute of Gastroenterology, Tokyo Women's Medical University, Japan

PGC3-8  GENETIC ALTERATIONS IN ESOPHAGEAL SQUAMOUS CELL CARCINOMA
Masaki Mori1, Genta Sawada4, Hideshi Ishii3, Yuichiro Doki1, Koshi Mimori2
1Department of Gastroenterological Surgery, Graduate School of Medicine, Osaka University, Japan,
2Department of Surgery, Beppu Hospital, Kyushu University, Japan
15:00 - 17:00
Postgraduate Course 3  9-13

Surgery for Benign Lung Disease

Chairpersons: Keith Naunheim (St. Louis University School of Medicine, USA)
Jun Nakajima (Department of Thoracic Surgery, The University of Tokyo Graduate School of
Medicine, Japan)

PGC3-9 SURGICAL TREATMENT FOR PULMONARY TUBERCULOSIS AND RELATED DISEASES
Rajan Santosham, Rajiv Santosham
Department of Cardiothoracic Surgery, Santosham Chest Hospital, Egmore, Chennai, India

PGC3-10 PULMONARY RESECTION AND LUNG TRANSPLANTATION FOR BRONCHIECTASIS
John D. Mitchell
Division of Cardiothoracic Surgery, University of Colorado School of Medicine, Aurora, Colorado, USA

PGC3-11 SURGERY FOR END-STAGE EMPHYSEMA
Keith S. Naunheim
St. Louis University School of Medicine, USA

PGC3-12 ENDOSONIC TREATMENT FOR EMPHYSEMA AND PROLONGED AIR LEAK
Douglas E. Wood
Division of Cardiothoracic Surgery, Department of Surgery, University of Washington, Seattle, Washington, USA

PGC3-13 EX VIVO LUNG PERFUSION FOR LUNG TRANSPLANTATION
Dirk E.M Van Raemdonck¹, Arne P Neyrinck², Filip R Rega², Geert M Verleden³
¹Department of Clinical and Experimental Medicine, KU.Leuven University, Leuven, Belgium, ²Department of Cardiovascular Sciences, KU.Leuven
University, Leuven, Belgium
Meet the Expert

Saturday, April 6
8:00-8:30

Meet the Expert 1 (Adult Cardiac) Room C / Room 401+402 (KICC)
Ralph Damiano
Washington University School of Medicine, USA

Meet the Expert 2 (Adult Cardiac) Room D / Room 403 (KICC)
RANDOMIZED TRIALS COMPARING CABG AND PCI
A. Pieter Kappetein
Department Thoracic Surgery, Erasmus MC, Rotterdam, Netherlands

Meet the Expert 3 (Congenital Cardiac) Room G / Waraku 2 (KPH)
LONG TERM RESULTS FOR DOUBLE SWITH AND CCTGA
William Brawn
Birmingham Children's Hospital, UK

Meet the Expert 4 (Lung) Room H / Ikuta (KPH)
CURRENT STATUS OF LUNG VOLUME REDUCTION IN THE US
Keith Naunheim
St. Louis University School of Medicine, USA

Sunday, April 7
8:00-8:30

Meet the Expert 5 (Adult Cardiac) Room C / Room 401+402 (KICC)
MINIMAL INVASIVE MITRAL VALVE SURGERY
Michael Borger
Heart Center Leipzig, Germany

Meet the Expert 6 (Adult Cardiac) Room D / Room 403 (KICC)
NFLUENCE OF CARDIO METABOLIC SYNDROME ON LONG TERM SURVIVAL IN THE POST-HEART VALVE REPLACEMENT PATIENT
Omar Lattouf
Emory University School of Medicine, Division of Cardiothoracic Surgery, USA

Meet the Expert 7 (Congenital Cardiac) Room G / Waraku 2 (KPH)
FIRST STAGE NALLIATION UNITY RU-PA SHUNT TO HLHS
Shunji Sano
Okayama University, Japan

Meet the Expert 8 (Lung) Room H / Ikuta (KPH)
SURGERY FOR TEACHCOMALACIA
John Mitchell
University of Colorado School of Medicine, USA