Contents

I	Presidential Address
	8:50-9:20 (Tachibana Conference Hall) Chairperson: Keisuke Amaha (Tohoku University, Japan)
	Proactive Anesthesia for Cardiac Surgery Takae Kawamura (Director, Department of Anesthesiology, Sendai Medical Center, Japan)
2	Symposium 1: Gender sensitive cardiac anesthesia
	9:20-10:50 (Tachibana Conference Hall)
	Chairperson: Keiichi Tada (Hiroshima City Hospital, Japan)
	Niki M. Dietz (Mayo Clinic Rochester, MN, USA)
	Assessment of Peripartum Maternal Heart Function Using the Vector-projected 187-channel High-resolution Electrocardiography (DREAM-ECG) System Akimune Fukushima (Department of Clinical Genetics, School of Medicine, Iwate Medical University, Japan)
	Niki M. Dietz (Mayo Clinic Rochester, MN, USA)
3	Symposium 2: Preconditioning
	11:00-12:50 (Tachibana Conference Hall) Chairperson: Masafumi Kitakaze (National Cerebral and Cardiovascular Center Hospital, Japan)
	Preconditioning Stefan De Hert (Department of Anesthesiology Ghent University Hospital, Ghent University, Belgium)
	2) Possible Adjunctive Therapies for Acute Myocardial Infarction: Lessons from J-WIND1 Trial
	Masanori Asakura (Department of Clinical Research, National Cerebral and Cardiovascular Center, Japan)
	3) Role of Mitochondria in Cardioprotection
	Tetsuji Miura (Second Department of Internal Medicine, Sapporo Medical University, Japan)

4	Luncheon Seminar
	13:00-14:00 (Tachibana Conference Hall)
	Chairperson: Makoto Ozaki (Tokyo Women's Medical University, Japan)
	Challenges in Space Medicine Shin Yamada (JAXA-Space Biomedical Research Office, Japan)
_	Samuel 2. Eaka Ha dada
5	Symposium 3: Echo- Up to date
	14:00-15:50 (Tachibana Conference Hall)
	Chairperson: Kazuo Hanaoka (JR Tokyo General Hospital, Japan)
	Steven Konstadt (Maimonides Medical Center, USA)
	Commentetor: Robert Amyot (Hôpital du Sarè-Coeur the Sacre Coeur Hospital, Canada)
	1) Fetal 3D/4D Echocardiography in the Diagnosis of Congenital Heart Diseases
	Toshiyuki Hata (Department of Perinatology and Gynecology, Kagawa
	University School of Medicine, Japan) · · · · · 47
	2) TAVR – Mayo Clinic Experience
	Martin D. Abel (Mayo Clinic, USA)51
	3) TEE in Congenital Heart Surgery – Affording Collateral Evidence –
	Nobuhide Kin (Department of Anesthesiology, University of Tokyo, Japan) · · · · · · · 58 4) Mitral Valve: Mechanisms of MR
	Steven Konstadt (Professor and Chairman of Anesthesiology Maimonides
	Medical Center, New York, USA) 59
6	Evening Seminar
Ū	Evening Seminar
	16:00-17:00 (Tachibana Conference Hall)
	Chairperson: Hiroshi Iwasaki (Asahikawa Medical University, Japan)
	Optimal Neuromuscular Block Management for Various Patient Types
	Thomas Fuchs-Buder (Department of Anaesthesia & Critical Care
	University Hospital NANCY/Brabois, France) · · · · · · 84

Poster Presentation

Poster Presentation 1

	16:00-17:00 (Sakura Hall) Chairperson: Hiroyuki Ikezaki (Yamato Seiwa Hospital, Japan) Jae Hyon Bahk (Seoul National University College of Medicine, Korea)
P-1	Sedation Depth and Mortality in Mechanically Ventilated Critically Ill Adults Suhaini Bin Kadiman (Department of Anesthesia, National Heart Institute)91
P-2	Effect of pulse pressure on the predictability of stroke volume variation for fluid responsiveness in patients undergoing OPCAB surgery Younglan Kwak (Department of Anesthesiology and Pain Medicine, Yonsei University College of Medicine)
P-3	Effect of a sivelestat sodium (Eraspol) on acute lung dysfunction after valvular heart surgery Seong wook Hong (Department of Anesthesiology and Pain Medicine, Kyungpook National University Hospital)
P-4	Cardiovascular effects of Chlorhexidine in Septic Heart Chiung Wen Lai (Department of Anesthesia, Pain Service & Critical Care Medicine, China Medical University Hospital)
P-5	The Evaluation of Safety and Efficacy of Hypertonic Sodium Lactate(HSL) Solution in Intra and Post Coronary Artery Bypass Graft(CABG) Surgery Patients Natesan Raja (Institut Jantung Negara, Department of Anesthesia)95
P-6	Effects of dexmedetomidine and levomedetomidine, enantiomers of medetomidine, on human platelet aggregation Shuji Kawamoto (Department of Anesthesia, Kyoto University)96
Poste	er Presentation 2
	16:00-17:00 (Sakura Hall) Chairperson: Hiroyuki Kinoshita (Aichi Medical, Japan) Rick Sai-Chuen Wu (China Medical University, Tiwan)
P-7	Anti-apoptotic and anti-oxidative effects of propofol on Ang II-induced ROS generation and NADPH oxidase activity in rat cardiomyocytes Kar-Lok Wong (Dept. of Anesthesiology, China Medical University & Hospital, Taichung, Taiwan)
P-8	Anesthetic Propofol Overdose Causes Endothelial Cytotoxicity In Vitro and Endothelial Barrier Dysfunction In Vivo Ming-Chung Lin (Department of anesthesiology, Chi Mei Hospital, Liouying)
P-9	Postoperative cognitive dysfunction in patients after off-pump coronary artery bypass graft under regional cerebral oxygen monitoring Kazuyoshi Ishida (Department of Anesthesiology, Yamaguchi University Graduate School of Medicine)

P-10	Caloric Restriction does not Induce Cardioprotection in Patients Undergoing Cardiac Surgery with and without Cardiopulmonary Bypass Hiroshi Sakamoto (Department of Anesthesia, Cardiovascular Center Hokkaido Ohno Hospital)
P-11	Anti-Oxidative Effect of N-acetyl-cysteine Against the Ischemic-Reperfusion Injury in Patients During Open-Heart Surgery
	Sioh Kim (Department of Anesthesiology, Kyungpook National University Hospital) · · · · 101
Poste	r Presentation 3
	16:00-17:00 (Sakura Hall)
	Chairperson: Michiaki Yamakage (Sapporo Medical University, Japan) Nian Chih Hwang (Singapore General Hospital, Singapore)
P-12	Outcome and Evaluation of Postoperative Acute Kidney Injury Following Endovascular Stent-Graft Repair in Single Center
	Yoshie Taniguchi (Department of Anesthesiology, The Jikei University School
	of Medicine)
P-13	Anticancer drug 2-methoxyestradiol protects against renal ischemia/reperfusion injury by inhibiting HIF-1alpha and inflammatory cytokines
	Chung-Hsi Hsing (Division of Cardiac Anesthesia, Department of Anesthesiology, Chi-Mei Medical Center, Taiwan)
P-14	Effect of propofol on the occurrence of acute kidney injury following valvular heart
	Surgery Jaekwang Shim (Department of Anesthesiology and Pain Medicine, Yonsei University College of Medicine)
P-15	Usefulness of desflurane anesthesia during catheter ablation for arrhythmia in children
1-13	Hideki Hino (Department of Anesthesiology, Osaka City General Hospital)
P-16	Isovolumic Hemodilution facilitated by Rotational Thromboelastometry (ROTEM) in a Jehovah's Witness Undergoing Liver Resection
	Satoru Fujii (Department of Anesthesiology, Kanazawa University Hospital)106
Poste	r Presentation 4
	16:00-17:00 (Sakura Hall)
	Chairperson: Masato Kato (Shioya Hospital, International University of Health and Welfare, Japan) Jicheng Wei (Affiliated Hospital of Luzhou Medical College, China)
P-17	Sudden Cardiac Arrest during Pulmonary Artery Catheterization- a case report Cheng-Chun Liao (Department of Anesthesiology, China Mmedical University Hospital) · · 107

P-18	Anesthesia management for a patient undergoing repair of re-replacement mitral valve after right pneumonectomy Tatsuyuki Imada (Department of Anesthesiology, Osaka City General Hospital and Children's Hospital)
P-19	Incidentally discovered coronary sinus atrial septal defect during surgery of mitral valve repair Yuka Fujii (Department of Anesthesiology, Kanazawa University Hospital)
P-20	'AIR LOCK'in Right Ventrivular Outflow Tract and Pulmonary Artery during Off-Pump CABG Hemant Digambar Waikar (Dept of Cardiac Anaesthesia)
P-21	Laparoscopic hysterectomy in an Adult Patient with Glenn shunt Naoko Uehara (Kobe City Medical Center West Hospital)111
P-22	Laparoscopic Appendectomy in Pregnancy and subsequent Amniotic Fluid Emboli Yu-Fang Liu (Department of Anesthesia, China Medical University Hospital)112