

28th Annual Scientific Congress

VIRTUAL
3 – 5 July 2020



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Oral Abstracts Presentation

3 July 2020 (Fri), 0900 – 1030

Paper Number	Presenting Author	Paper Title
19	Dr Tai Chung So	Risk of Ventricular Arrhythmia in Improved Left Ventricular Ejection Fraction in Implantable Cardioverter-defibrillator for Primary Prevention <i>TC So</i> Queen Elizabeth Hospital, Hong Kong
53	Dr Jacky Yan Kit Ho	Total Aortic Arch Replacement and Frozen Elephant Trunk: Mid Term and Second Stage Surgery Outcomes <i>JYK Ho, SCY Chow, MWT Kwok, T Fujikawa, M Underwood, RHL Wong</i> Division of Cardiothoracic Surgery, Department of Surgery, Prince of Wales Hospital, Hong Kong
52	Mr Derek King Wai YAU	What Demographic Factors Influence Participation in a Randomised Controlled Trial on Prehabilitation for Cardiac Surgery? <i>DKW Yau,^{1,3} MJ Underwood,² GM Joynt,^{1,3} A Lee¹</i> ¹ Department of Anaesthesia and Intensive Care, The Chinese University of Hong Kong; ² Division of Cardiothoracic Surgery, Department of Surgery, The Chinese University of Hong Kong; ³ Department of Anaesthesia and Intensive Care, Prince of Wales Hospital, Hong Kong
30	Dr Wen-Tao Sun	Effect of Homocysteine on the KCa Channel Family in Human Internal Mammary Artery <i>WT Sun, HM Xue, HT Hou, HX Chen, J Wang, GW He, Q Yang</i> Center for Basic Medical Research & Department of Cardiovascular Surgery, TEDA International Cardiovascular Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Tianjin, China
44	Dr Joyce Shek	Influenza Activity and ST-segment Elevation Myocardial Infarction Incidence in Hong Kong <i>J Shek, PT Tsui, TY Tsang, CY Fung, HC Yuen, NS Mok, NY Chan</i> Princess Margaret Hospital, Hong Kong
48	Dr Ka Lam Wong	Long Term Survival of One Hundred Left Ventricular Assist Device Recipients in Hong Kong <i>KL Wong,¹ K Fan,¹ C Ho,² OJ Lee,² T Au²</i> ¹ Grantham Hospital; ² Queen Mary Hospital, Hong Kong
49	Dr Kevin Lim	Early Clinical Experience with the Rapid Deployment Intuity Valve for Surgical Aortic Valve Replacement <i>K Lim, SCY Chow, J Ho, RHL Wong</i> Prince of Wales Hospital, Hong Kong
26	Miss Jia-yi Zhou	Alteration of Plasma Concentration of Trace Elements Selenium and Cobalt During and After Coronary Artery Bypass Grafting Surgery <i>JY Zhou,¹ HT Hou,¹ SF Wang,² J Wang,¹ Y Cheng,¹ XX Liu,¹ Q Yang,¹ GW He,^{1,3,4,5}</i> ¹ Center for Basic Medical Research & Department of Cardiovascular Surgery, TEDA International Cardiovascular

		<p>Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Tianjin, China; ²Unit of Perfusion, TEDA International Cardiovascular Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, Tianjin, China; ³Department of Cardiovascular Surgery, The First Affiliated Hospital, Zhejiang University, Hangzhou, China; ⁴School of Pharmacy, Wannan Medical College, Wuhu, China; ⁵Department of Surgery, Oregon Health and Science University, Portland, USA</p>
54	Dr Jacky Yan Kit Ho	<p>Endovascular Treatment for Traumatic Aortic Transection: 13 Years Experience of a Single Center</p> <p><i><u>JYK Ho</u>,¹ ICH Siu,¹ SCY Chow,¹ K Lim,¹ MWT Kwok,¹ CM Chu,² S Yu,² RHL Wong¹</i></p> <p>¹Division of Cardiothoracic Surgery, Department of Surgery, Prince of Wales Hospital; ²Department of Imaging and Interventional Radiology, Prince of Wales Hospital, Hong Kong</p>

Best Abstracts Presentation

3 July 2020 (Fri), 1100 – 1230

Paper Number	Presenting Author	Paper Title
12	Dr Yujian Yu	Prognostic Value of Hepatorenal Function by Modified Model for End-stage Liver Disease (MELD) Score in Patients Undergoing Double Valve Replacement <i>Y Yu</i> The University of Hong Kong, Hong Kong
14	Miss Meizhen Wu	Role of Adipocyte Fatty Acid-Binding Protein in LV remodeling and Diastolic Function in Type 2 Diabetes: A Prospective Echocardiography Study <i>M Wu, Y Chen, Y Yu, Q Ren, S Lam, HF Tse, KH Yiu</i> The University of Hong Kong, Hong Kong
15	Mrs Qingwen Ren	The Prevalence and Prognosis of Tricuspid Regurgitation in Stage A to C Heart Failure with Preserved Ejection Fraction <i>Q Ren, Y Chen, MZ Wu, YJ Yu, KH Yiu</i> The University of Hong Kong, Hong Kong
25	Dr Hong-mei Xue	Inhibition of IRE1 branch of ER Stress Ameliorates Myocardial Ischemia/Reperfusion Injury via Inactivation of sEH and JNK/ c-Jun pathway <i>HM Xue,^{1,2} WT Sun,¹ HT Hou,¹ HX Chen,¹ J Wang,¹ GW He,^{1,3,4,5} Q Yang¹</i> ¹ Center for Basic Medical Research & Department of Cardiovascular Surgery, TEDA International Cardiovascular Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College, China; ² Department of Physiology, Hebei Medical University, Shijiazhuang, China; ³ Department of Cardiovascular Surgery, The First Affiliated Hospital, Zhejiang University, Hangzhou, China; ⁴ School of Pharmacy, Wannan Medical College, Wuhu, China; ⁵ Department of Surgery, Oregon Health and Science University, Portland, USA
28	Mr Tak Hon Chan	Prolonged Valsartan Use and Cancer Risk <i>TH Chan,¹ MF Tsoi,¹ BMY Cheung^{1,2,3}</i> ¹ Department of Medicine, The University of Hong Kong; ² State Key Laboratory of Pharmaceutical Biotechnology, The University of Hong Kong; ³ Institute of Cardiovascular Science and Medicine, The University of Hong Kong, Hong Kong
55	Prof Kam Sang Woo	The Impact of Metabolic Syndrome on Air Pollution (PM2.5)- related Atherogenesis in Modernizing China: A Report from CATHAY Study <i>KS Woo,¹ TCY Kwok,¹ MK Wong,¹ PY Chu,¹ P Chook,¹ YJ Hu,² YH Yin,³ PW Lee,¹ BPY Yan,¹ DS Celermajer⁴</i> ¹ The Chinese University of Hong Kong, Hong Kong; ² Ninth Peoples' Hospital of Chongqing, China; ³ Second Hospital of Chongqing Medical University, China; ⁴ The University of Sydney, Australia

Best Challenging / Interesting Cardiac Intervention Cases Presentation

5 July 2020 (Sun), 1330 – 1530

Paper Number	Presenting Author	Paper Title
16	Dr Kit Chan	Left Bundle Branch Pacing as a Physiological Pacing Alternative to Cardiac Resynchronization Therapy in Patients with Heart Failure and Left Bundle Branch Block <i><u>K Chan</u></i> Pro-care Heart Clinic, Hong Kong
24	Dr Calvin Leung	A Case of Percutaneous Mitral Valve Repair in Acute Mitral Regurgitation Following Myocardial Infarction <i><u>C Leung</u></i> Queen Elizabeth Hospital, Hong Kong
29	Dr Jifang He	Reperfusion Injury Prevention, A Volume-Controlled Reperfusion Method in Acute Coronary Artery Occlusion <i><u>J He</u></i> Heart Center, Chao-yang Hospital, Capital Medical University, Beijing, China
33	Dr Ho Fai Daniel Fong	Strange Bedfellows <i><u>DHF Fong</u></i> Princess Margaret Hospital, Hong Kong
46	Dr Joyce Wing Yan Chan	Double Patch Post-infarction Ventricular Septal Rupture Repair with Infarct Exclusion for Inferoposterior Myocardial Infarction <i><u>JWY Chan, SCY Chow, WT Kwok, RHL Wong</u></i> Prince of Wales Hospital, Hong Kong
68	Dr Yaser Khalid	The First Case of Impella RP use in Acute Right Ventricular Failure from Air Embolism <i><u>Y Khalid,¹ N Dasu,¹ K Dasu²</u></i> ¹ Rowan University; ² Syracuse University, USA

Best HKCC-HKPHCA Challenging / Interesting Clinical Cardiology Cases Presentation**5 July 2020 (Sun), 1600 – 1800**

Paper Number	Presenting Author	Paper Title
11	Dr Shek Yin Au	Massive Pulmonary Embolism Successfully Resuscitated by E-CPR and Percutaneous Thrombectomy <i><u>SY Au</u>,¹ SF Chui,² KM Fong,¹ KT Chan,² MKY Lee²</i> ¹ Intensive Care Unit, Queen Elizabeth Hospital; ² Cardiology, Queen Elizabeth Hospital, Hong Kong
51	Mr Weng Chio Tam	Polymorphic Ventricular Tachycardia in a Patient with High Dose Methadone Use <i><u>WC Tam</u>, UP Lam, TM Mok, T Chang, W Ho, MA De Brito Lima Evora</i> Department of Cardiology, Centro Hospitalar Conde São Januário, Macao SAR
13	Dr Shek Yin Au	Case Report of Successful Peripheral VA ECMO in a Patient with Chronic Type B Aortic Dissection <i><u>SY Au</u>, KM Fong, GWY Ng</i> Intensive Care Unit, Queen Elizabeth Hospital, Hong Kong
47	Dr Ka Lam Wong	First Marginal Heart Transplantation Utilizing Organ Care System in Asia <i><u>KL Wong</u>,¹ OJ Lee,² C Ho,² K Fan,¹ T Au²</i> ¹ Grantham Hospital; ² Queen Mary Hospital, Hong Kong
50	Dr Yue Hin Tang	Another Simple Pericarditis? <i><u>YH Tang</u>, TY Fung, NS Mok</i> Princess Margaret Hospital, Hong Kong
67	Dr Yaser Khalid	A Case of the Novel Coronavirus (COVID-19)-induced Myocarditis and Takotsubo Cardiomyopathy <i>Y Khalid,¹ N Dasu,¹ K Dasu²</i> ¹ Rowan University; ² Syracuse University, USA

Paediatric Cardiology Free Paper Session

4 July 2020 (Sat), 0830 – 1025

Paper Number	Presenting Author	Paper Title
17	Dr Silin Pan	Clinical Application of Fetal Pulmonary Valvuloplasty for Fulmonary Atresia with Intact Ventricular Septum with Worsening Right Ventricular Hypoplasia: Combined with Postnatal Outcomes <i>S Pan</i> Qingdao Women and Children's Hospital, Qingdao, China
39	Dr Lei Liu	Thrombocytopenia Associated with Transcatheter Closure of Giant Patent Ductus Arteriosus <i>Y Li</i> West China Second University Hospital, Sichuan University, China
41	Dr Peng Yue	Attenuation of Cardiomyocyte Hypertrophy via Depletion Myh7 using CASAAV <i>Y Li, P Yue</i> West China Second University Hospital, Sichuan University, China
42	Prof Yifei Li	AAV Gene Therapy Prevents and Reverses Heart Failure in a Murine Knockout Model of Barth Syndrome <i>Y Li,¹ S Wang,² W Pu²</i> ¹ West China Second University Hospital, Sichuan University, China; ² Boston Children's Hospital, USA
56	Dr Ka Shing Chung	Paediatric Myopericarditis - A Single Regional Hospital Experience <i>KS Chung, AWM Choi, WY Mak, NC Fong</i> Princess of Margaret Hospital, Hong Kong
57	Dr Sit Yee Kwok	Pacing Therapy in Infants with Congenital Complete Heart Block in Hong Kong <i>SY Kwok,¹ NL Ho,¹ KS Lun,¹ TWK Au,² R Barnabe,² N Yam,² S Tsao,¹ TC Yung¹</i> ¹ Department of Paediatric Cardiology, Queen Mary Hospital; ² Department of Cardiothoracic Surgery, Queen Mary Hospital, Hong Kong SAR
60	Dr Zhuo Julia Shi	Genetic Spectrum of Paediatric Cardiomyopathy in Hong Kong <i>ZJ Shi,¹ JFT Chau,² SY Kwok,¹ KS Yeung,² JLF Fung,² TC Yung,¹ BHY Chung,² KS Lun¹</i> ¹ Department Of Paediatric Cardiology, Queen Mary Hospital; ² Department of Paediatrics and Adolescent Medicine, Li Ka Shing Faculty of Medicine, The University of Hong Kong, Hong Kong
3	Dr Shu-liang Xia	Double Balloon Dilation of Pulmonary Arterial Bifurcation Stenosis after Previous Surgical Palliations: A Case Report <i>X Zhang, SL Xia, JB Li, YB Liu, X Zhang, XX Chen</i> Heart Center, Guangzhou Women and Children's Medical Center, Guangzhou, China
61	Dr Zhuo Shi	Life-threatening Flecainide Toxicity related to Alteration of Milk Feeding in an Infant <i>Z Shi, SY Kwok, PC Chow, KS Lun, TC Yung</i> Department of Paediatric Cardiology, Queen Mary Hospital, Hong Kong

63	Dr Sit Yee Kwok	<p>Successful Resynchronization Therapy for an Infant with Dilated Cardiomyopathy</p> <p><i><u>SY Kwok</u>,¹ S Tsao,¹ TC Yung,¹ NL Ho,¹ N Yam,² YF Cheung,¹ KS Lun¹</i></p> <p>¹Department of Paediatric Cardiology, Queen Mary Hospital; ²Department of Cardiothoracic Surgery, Queen Mary Hospital, Hong Kong</p>
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