**Curriculum Vitae**

**Prof. Kai-Hang YIU**

**M.D. (HKU), Ph.D. (Leiden), M.B.B.S. (HKU),**

**M.R.C.P. (UK), F.H.K.A.M. (Medicine), F.H.K.C.P. (Cardiology),**

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**ACADEMIC QUALIFICATION**

|  |  |
| --- | --- |
| 1983 – 1989 | St. Joseph Primary School, Hong Kong |
| 1989 – 1992 | North Toronto High School, Ontario, Canada |
| 1992 – 1996 | St. Joseph College, Hong Kong |
| 1996 – 2001 | MBBS  Faculty of Medicine, The University of Hong Kong |
| 2010 – 2011 | Research Fellow and PhD student  Leiden University Medical Center, the Netherlands  *Topic: Novel non-invasive cardiac imaging: Echocardiography and 320 roles computed tomography* |
| 2011 – 2012 | MD  The University of Hong Kong |

**PROFESSIONAL TRAINING**

|  |  |
| --- | --- |
| 07/2001 – 12/2001 | **Internship**  Department of Medicine, Queen Mary Hospital |
| 01/2002 – 06/2002 | **Internship**  Department of Surgery, Queen Mary Hospital |
| 07/2002 – 06/2005 | **Resident (Basic physician training)**  Department of Medicine, Queen Mary Hospital |
| 07/2005 – 06/2008 | **Resident (Higher physician training in Cardiology)**  Division of Cardiology, Queen Mary Hospital |
| 07/2008 – 12/2009 | **Resident Specialist in Cardiology**  Division of Cardiology, Queen Mary Hospital |

**ACADEMIC APPOINTMENT**

|  |  |
| --- | --- |
| 06/2011 – 04/2015 | **Clinical Assistant Professor**  Department of Medicine, The University of Hong Kong |
| 05/2015 – 05/2022 | **Clinical Associate Professor**  Department of Medicine, The University of Hong Kong |
|  |  |
| 05/2022 – Present | **Clinical Professor**  School of Clinical Medicine, The University of Hong Kong |

**PROFESSIONAL QUALIFICATION/MEMBERSHIP**

|  |  |
| --- | --- |
| 2001 | MBBS  The University of Hong Kong |
| 2001 | Medical Practitioner on General Register (No. M13563)  Medical Council of Hong Kong |
| 2005 | MRCP  Royal College of Physicians (London) |
| 2008 | FHKAM  Fellow of Hong Kong Academy of Medicine |
| 2008 | FHKCP  Fellow of Hong Kong College of Physicians |
| 2008 | Medical Practitioner on Specialist Register (No. S13-0191)  Medical Council of Hong Kong |
| 2012 | MD  The University of Hong Kong |
| 2014 | FRCP  Fellow of the Royal College of Physicians of Edinburgh |
| 2015 | FRCP  Fellow of the Royal College of Physicians of Glasgow |
| 2016 | PhD  Leiden University, the Netherlands |
| 2018 | FRCP  Fellow of the Royal College of Physicians of London |

**OTHER ACADEMIC AND PROFESSIONAL APPOINTMENT**

|  |  |
| --- | --- |
| 2012 – Present | Consultant, Department of Medicine  The University of Hong Kong-Shenzhen Hospital |
| 2012 – Present | Chief, Division of Cardiology  The University of Hong Kong-Shenzhen Hospital |
| 2013 – Present | Honorary Consultant, Cardiology  The Hong Kong Sanatorium & Hospital |
| 2015 – Present | Honorary Consultant, Department of Medicine  Queen Mary Hospital, Hong Kong |
| 2015 – Present | Honorary Consultant, Department of Medicine  Grantham Hospital, Hong Kong |
| 2015 – Present | Honorary Consultant, Department of Medicine  Tung Wah Hospital, Hong Kong |
| 2016 – 2017,  2020- Present | Deputy Chief of Service, Department of Medicine  The University of Hong Kong-Shenzhen Hospital |
| 2017 – Present | Assistant Hospital Chief Executive, Teaching and Education  The University of Hong Kong-Shenzhen Hospital |
| 2017 – Present | Director, Institute of Cardiovascular Sciences and Medicine  The University of Hong Kong |
| 2019 – 2021 | Member of the Subcommittee, Clinical Pharmacology & Therapeutics  Hong Kong College of Physicians |
| 2019 – Present | Founding President of the Precision Cardiovascular Imaging Center, The University of Hong Kong-Shenzhen Hospital |
| 2019 – Present | Honorary consultant, Training quality for post-graduation medical education, Chinese Medical Doctor Association (CMDA), China |
| 2020 – Present | Master’s Degree Supervisor, Clinical Medicine, Health Science Center, Shenzhen University, China |
| 2020 – Present | Master’s Degree Supervisor, Clinical Medicine, Health Science Center, Jinan University, China |
| 2022 – Present | Member, National Center for Standardized Cardiovascular and Metabolic Diseases of cardiovascular disease quality initiative in 2022. |
| 2022 – Present | Member, Cardiovascular Branch of Chinese Geriatrics Society in 2022. |
| 2022 – Present | Chairman of the Guangdong Elder Health Care Association-Coronary Heart Disease Precision Treatment and Cardiac Rehabilitation Professional Committee.  Member of Academic Advisory Panel of Youth Academic Committee of China Cardiovascular Health Alliance  Member of Clinical Research Group, Cardiovascular Society, Guangdong Medical Association |

**HONOURS AND AWARDS**

**EXTERNAL**

|  |  |
| --- | --- |
| 2010 – 2011 | Hong Kong Heart Foundation Scholarship  Hong Kong College of Cardiology |
| 2010 – 2011 | Research Scholarship  Interuniversity Cardiology Institute of the Netherlands |
| 2011 | Best Regional Abstract Award  International Nuclear Cardiology and Cardiac CT meeting (Amsterdam, the Netherlands) |
| 2011 – 2015 | RGC Clinical Research Fellowship  Research Grant Council, Hong Kong |
| 2014 | Distinguished Research Paper Award for Young Investigator  Hong Kong College of Physicians |
| 2015 | Third Prize of Science and Technology Awards of Sichuan Province: Ultrasonic visualization research of ischemic heart disease mechanism and relative clinical intervention in collaboration with North Sichuan Hospital |
| 2017 | The Richard Yu Lecture 2017: “Cardiovascular manifestation in systemic inflammatory disorders”  Hong Kong College of Physicians |
| 2018 | Distinguished Young Fellow  Hong Kong College of Physicians |
| 2018 | Elite Young Medical Leaders of Guangdong Province  Health Commission of Guangdong Province, China |
| 2019 | 2nd Best Abstract Award: “Prognostic value of tricuspid valve geometry and leaflet coaptation status in patients undergoing tricuspid annuloplasty: a three-dimensional echocardiography study”  PCR Tokyo Valves 2019 |
| 2020 | Elite Administrator of National Residency Training  Health Commission of Shenzhen, China |
| 2020 | Winner – Global Quality Improvement category of 23rd Annual Quality Improvement (QI) Awards 2020: “Reduction of Door to Wire time for patients with ST-elevation Myocardial Infarction to improve clinical outcomes”  The Australian Council on Healthcare Standards (ACHS) |
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| 2022 | Winner- Oriental Rising Star  The 16th Oriental Congress of Cardiology 2022 |
| 2022 | Faculty Outstanding Research Output Award 2022  “Statin associated with lower cancer risk and related mortality in patients with heart failure” |

**INTERNAL**

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| 2014 | Supervisor of the Best Abstract Awards in Poster Presentation in Clinical Medicine (poster)  19th Medical Research Conference  Department of Medicine, The University of Hong Kong |
| 2021 | Supervisor of the Best Abstract Awards in Oral Presentation in Clinical Medicine (Oral)  26th Medical Research Conference  Department of Medicine, The University of Hong Kong |

**RESEARCH AND SCHOLARSHIP**

**I. PUBLICATION**

**i. BOOK CHAPTER**

1. **Yiu KH**, Siu CW, Yiu YF, Tse HF. Electrocardiogram. In Lip GY, Tse HF, Coats (eds): Oxford Desk Reference. Oxford: Oxford University Press pp 6-9, 2011.
2. **Yiu KH**, Cheung BM, Tse HF. Pharmacological treatment for systolic heart failure. In Lip GY, Tse HF, Coats (eds): Oxford Desk Reference. Oxford: Oxford University Press pp 238-241, 2011.
3. **Yiu KH**, Wang M, Tse HF. Stress echocardiography evaluation after percutaneous coronary intervention. In Tintoiu I, Popma JJ, Bae J, Galassi AR, Gabriel C (eds): Coronary stent restenosis. The Publishing House of the Romanian Academy. pp 369-378, 2011.
4. **Yiu KH**, Cheung BM, Tse HF. Systolic heart failure: pharmacological treatment. In Tse HF, Lip GY, Coats AJS (eds): Oxford Desk Reference. Oxford: Oxford University Press. pp 238-241, 2011.
5. **Yiu KH**, Lee CH, Tse HF. Non-pharmacological treatment for hypertension. In Tse HF, Lip GY, Coats AJS (eds): Oxford Desk Reference. Oxford: Oxford University Press. pp 124-125, 2011.
6. **Yiu KH**, Cheung BM, Tse HF. Hypertension: pharmacological treatment. In Tse HF, Lip GY, Coats AJS (eds): Oxford Desk Reference. Oxford: Oxford University Press. pp 126-131, 2011.
7. Yiu YF, **Yiu KH**, Tse HF. Inappropriate sinus tachycardia. In Tse HF, Lip GY, Coats AJS (eds): Oxford Desk Reference. Oxford: Oxford University Press. pp 90-93, 2011.
8. **Yiu KH**, Tse HF. Cardiac gene and stem cell therapy. In Tse HF, Lip GY, Coats AJS (eds): Oxford Desk Reference. Oxford: Oxford University Press. pp 436-438, 2011.
9. Delgado V, Arend FL Schinke, **Yiu KH**, Bax JJ, Kaski JC (eds). Nuclear imaging to assess infarction, reperfusion, no-reflow, and viability. Management of myocardial perfusion injury. Springer-Verlag, London, 2012.

**ii. PUBLISHED ARTICLE IN INTERNATIONAL JOURNAL**

(JIF= Journal Impact Factor, Ranking= Ranking of journal in the field, No. of cites= Number of citations)

**H-index: Scopus = 33; Google scholar = 40**

**Original Articles Published in International Journal**

***\* 10 most significant publication since last promotion (100, 104, 107, 110, 138, 141, 145, 148, 151, 154)***

***\*\* 10 most significant publication prior to last promotion (20, 38, 42, 51, 54, 56, 73, 80, 88, 91)***

***2006***

1. **Yiu KH**, Siu CW, Jim MH, Tse HF, Fan K, Chau MC, Chow WH. Comparison of the efficacy and safety profiles of intravenous vitamin K and fresh frozen plasma as treatment of warfarin-related over-anticoagulation in patients with mechanical heart valves. *Am J Cardiol*. 2006;97(3):409-11.

*(JIF=3.133; Ranking=81/143; No. of cites=32; Google Scholar=49;* ***first author****)*

1. **Yiu KH**, Lau CP, Lee KL, Tse HF. Emerging energy sources for catheter ablation of atrial fibrillation. *J Cardiovasc Electrophysiol*. 2006;17(Suppl 3):S56-61.

*(JIF=2.942; Ranking=85/143; No. of cites=5; Google Scholar=14;* ***first author****)*

***2007***

1. Tse HF, **Yiu KH**, Lau CP. Bone marrow stem cell therapy for myocardial angiogenesis. *Curr Vasc Pharmacol.* 2007;5(2):103-12.

*(JIF=3.524;* *Ranking=34/67, 146/279; No. of cites=24; Google Scholar=52)*

1. Lau KK, Chan YH, **Yiu KH**, Li SW, Tam S, Lau CP, Kwong YL, Tse HF. Burden of carotid atherosclerosis in patients with stroke: Relationships with circulating endothelial progenitor cells and hypertension. *J Hum Hypertens*. 2007;21(6):445-51. *(JIF=2.877; Ranking=44/67; No. of cites=66; Google Scholar=85)*
2. Jim MH, Chan AOO, Wong CP, **Yiu KH**, Miu R, Lee SWL, Lau CP. Clinical implications of precordial ST-Segment elevation in acute inferoposterior myocardial infarction caused by proximal right coronary artery occlusion. *Clin Cardiol.* 2007;30(7):331-5.

*(JIF=3.287;* *Ranking=73/143; No. of cites=9; Google Scholar=18)*

1. **Yiu KH**, Siu CW, Lee KLF, Fong YT, Chan HW, Lee SWL, Lau CP, Tse HF. Emerging trends of community acquired infective endocarditis. *Int J Cardiol.* 2007;121(1):119-22.

*(JIF=4.039; Ranking=60/143; No. of cites=15; Google Scholar=26;* ***first author****)*

1. Chan YH, Lau KK, **Yiu KH**, Li SW, Chan HT, Tam S, Shu XO, Lau CP, Tse HF. Isoflavone intake in persons at high risk of cardiovascular events: Implications for vascular endothelial function and the carotid atherosclerotic burden. *Am J Clin Nutr.* 2007;86(4):938-45.

*(JIF=8.472; Ranking=8/90; No. of cites=56; Google Scholar=86)*

***2008***

1. Zhang XH, Chen H, Siu CW, **Yiu KH**, Chan WS, Lee KL, Chan HW, Lee SW, Fu GS, Lau CP, Tse HF. New-onset heart failure after permanent right ventricular apical pacing in patients with acquired high-grade atrioventricular block and normal left ventricular function. *J Cardiovasc Electrophysiol.* 2008;19(2):136-41.

*(JIF=2.942;* *Ranking=85/143; No. of cites=176; Google Scholar=292)*

1. Lau KK, Chan YH, **Yiu KH**, Tam S, Li SW, Lau CP, Tse HF. Incremental predictive value of vascular assessments combined with the Framingham risk score for prediction of coronary events in subjects of low-intermediate risk. *Postgrad Med J*. 2008;84(989):153-7.

*(JIF=4.973; Ranking=54/172; No. of cites=23; Google Scholar=40)*

1. **Yiu KH**, Tse HF. Hypertension and cardiac arrhythmias: a review of the epidemiology, pathophysiology and clinical implications. *J Hum Hypertens.* 2008;22(6):380-8.

*(JIF=2.877;* *Ranking=44/67; No. of cites=28; Google Scholar=91;* ***first author****)*

1. Chan YH, Lau KK, **Yiu KH**, Li SW, Chan HT, Fong DYT, Tam S, Lau CP, Tse HF. Reduction of C-reactive protein with isoflavone supplement reverses endothelial dysfunction in patients with ischaemic stroke. *Eur Heart J.* 2008;29(22):2800-7.

*(JIF=35.855; Ranking=3/143; No. of cites=66; Google Scholar=95*)

1. **Yiu KH**, Lee KLF, Lau CP, Siu CW, Miu KM, Lam B, Lam J, Ip MSM, Tse HF. Alleviation of pulmonary hypertension by cardiac resynchronization therapy is associated with improvement in central sleep apnea. *Pacing Clin Electrophysiol*. 2008;31(12):1522-7.

*(JIF=1.912; Ranking=113/143, 78/98; No. of cites=18; Google Scholar=25;* ***first author****)*

1. **Yiu KH**, Lau KK, CP Lau, HF Tse. A Review of surrogate markers for atherosclerosis: flow mediated dilatation; carotid intima media thickness; pulse wave velocity; ankle brachial index. *Vascular Disease Prevention.* 2008;5(4):234-45.

*(JIF=N/A; Ranking=N/A; No. of cites=1; Google Scholar=2;* ***first author****)*

***2009***

1. **Yiu KH**, Jim MH, Siu CW, Lee CH, Yuen M, Mok M, Shea YF, Fan K, Tse HF, Chow WH. Amiodarone-induced thyrotoxicosis is a predictor of adverse cardiovascular outcome. *J Clin Endocrinol Metab*. 2009;94(1):109-14.

*(JIF=6.134; Ranking=32/146; No. of cites=46; Google Scholar=100;* ***first author****)*

1. Jim MH, Ho HH, Ko RLY, **Yiu KH**, Siu CW, Lau CP, Chow WH. Paclitaxel-eluting stent long-term outcomes in percutaneous saphenous vein graft interventions (PELOPS) study. *Am J Cardiol.* 2009;103(2):199-202.

*(JIF=3.133; Ranking=81/143; No. of cites=7; Google Scholar=10*)

1. Siu CW, Pong V, Zhang XH, Chan YH, Jim MH, Liu S, **Yiu KH**, Kung AWC, Lau CP, Tse HF. Risk of ischemic stroke after new-onset atrial fibrillation in patients with hyperthyroidism. *Heart Rhythm.* 2009;6(2):169-73.

*(JIF=6.779; Ranking=36/143; No. of cites=43; Google Scholar=73)*

1. Jim MH, Ho HH, Ko RLY, Siu CW, **Yiu KH**, Chow WH. Long-term clinical and angiographic outcomes of the sleeve technique on non-left-main coronary bifurcation lesions. *EuroIntervention.* 2009;5(1):104-8.

*(JIF=7.728; Ranking=26/143; No. of cites=5; Google Scholar=7)*

1. Luk TH, Dai YL, Siu CW, **Yiu KH**, Chan HT, Fong DYT, Lee SWL, Li SW, Tam S, Lau CP, Tse HF. Habitual physical activity is associated with endothelial function and endothelial progenitor cells in patients with stable coronary artery disease. *Eur J Cardiovasc Prev Rehabil.* 2009;16(4):464-71.

*(JIF=3.691; Ranking=35/125; No. of cites=36; Google Scholar=72)*

1. **Yiu KH**, Wang SL, Mok MY, Ooi GC, Khong PL, Mak KFH, Lam KF, Lau CS, Tse HF. Pattern of arterial calcification in patients with systemic lupus erythematosus. *J Rheumatol.* 2009;36(10):2212-7.

*(JIF=5.346; Ranking=10/34; No. of cites=41; Google Scholar=54;* ***first author***)

1. #Wang S, #**Yiu KH**, Mok MY, Ooi GC, Khong PL, Mak KFH, Lau CP, Lam KF, Lau CS, Tse HF. Prevalence and extent of calcification over aorta, coronary and carotid arteries in patients with rheumatoid arthritis. *J Intern Med.* 2009;266(5):445-52. *(JIF=13.068; Ranking=16/172; No. of cites=64; Google Scholar=85; #****co-first author****) \*\**
2. Li X, Tse HF, **Yiu KH**, Jia N, Chen H, Li LSW, Jin LJ. Increased levels of circulating endothelial progenitor cells in subjects with moderate to severe chronic periodontitis. *J Clin Periodontol.* 2009;36(11):933-9.

*(JIF=7.478; Ranking=4/92; No. of cites=33; Google Scholar=44)*

***2010***

1. Wong CY, **Yiu KH**, Li SW, Lee S, Tam S, Lau CP, Tse HF. Fish-oil supplement has neutral effects on vascular and metabolic function but improves renal function in patients with Type 2 diabetes mellitus. *Diabet Med.* 2010;27(1):54-60.

*(JIF=4.213; Ranking=68/146; No. of cites=64; Google Scholar=105)*

1. Jim MH, Ho HH, Ko RLY, Siu CW, **Yiu KH**, Lau CP, Chow WH. Paclitaxel-eluting stents for chronically occluded saphenous vein grafts (EOS) Study. *J Interv Cardiol.* 2010;23(1):40-5.

*(JIF=1.783*; *Ranking=120/143; No. of cites=6; Google Scholar=14)*

1. **Yiu KH**, Wang SL, Mok MY, Ooi GC, Khong PL, Lau CP, Lai WH, Wong LY, Lam KF, Lau CS, Tse HF. Role of circulating endothelial progenitor cells in patients with rheumatoid arthritis with coronary calcification. *J Rheumatol.* 2010;37(3):529-35.

*(JIF=5.346; Ranking=10/34; No. of cites=31; Google Scholar=48;* ***first author****)*

1. **Yiu KH**, Cheung BM, Tse HF. A new paradigm for managing dyslipidemia with combination therapy: Laropiprant + Niacin + Simvastatin. *Expert Opin Investig Drugs.* 2010;19(3):437-49.

*(JIF=6.498*; *Ranking=41/279; No. of cites=7; Google Scholar=10;* ***first author****)*

1. Jim MH, Hau WKT, Ko RL, Siu CW, Ho HH, **Yiu KH**, Lau CP, Chow WH. Virtual histology by intravascular ultrasound study on degenerative aortocoronary saphenous vein grafts. *Heart Vessels.* 2010;25(3):175-81.

*(JIF=1.814*; *Ranking=118/143, 56/67; No. of cites=9; Google Scholar=13)*

1. Dai YL, Luk TH, Siu CW, **Yiu KH**, Chan HT, Lee SW, Li SW, Tam S, Fong B, Lau CP, Tse HF. Mitochondrial dysfunction induced by statin contributes to endothelial dysfunction in patients with coronary artery disease. *Cardiovasc Toxicol.* 2010;10(2):130-8.

*(JIF=2.755; Ranking=93/143, 67/94; No. of cites=25; Google Scholar=40)*

1. Delgado V, Mooyaart EAQ, Ng ACT, Auger D, Bertini M, van Bommel RJ, **Yiu KH**, Ewe SH, Witkowski TG, Marsan NA, Schuijf JD, van der Wall EE, Schalij MJ, Bax JJ. resynchronization therapy. *Minerva Cardioangiol.* 2010;58(3):313-32.

*(JIF=1.347; Ranking=137/142; No. of cites=2; Google Scholar=3)*

1. Ho HH, Pong V, Siu CW, Jim MH, Miu R, **Yiu KH**, Ko R, Tse HF, Kwok OH, Chow WH. Long-term clinical outcomes of drug-eluting stents vs bare-metal stents in Chinese patients. *Clin Cardiol.* 2010;33(6):E22-9.

(*JIF=3.287*; *Ranking=74/143; No. of cites=3; Google Scholar=9)*

1. Jim MH, **Yiu KH**, Ko RLY, Ho HH, Siu CW, Chow WH. Manual aspiration prior to stenting does not reduce the incidence of filter no reflow in saphenous vein graft lesions protected by FilterWire EX/EZ. *Acute Card Care*. 2010;12(3):92-5.

*(JIF=N/A; Ranking=N/A; No. of cites=4; Google Scholar=4)*

1. Mok MY, **Yiu KH**, Wong CY, Qiuwaxi J, Lai WH, Wong WS, Tse HF, Lau CS. Low circulating level of CD133+KDR+cells in patients with systemic sclerosis. *Clin Exp Rheumatol.* 2010;28(5 Suppl 62):S19-25.

(*JIF=4.862; Ranking=15/34; No. of cites=25; Google Scholar=38)*

1. Yan GH, Wang M, Yue WS, **Yiu KH**, Siu CW, Lee SWL, Lau CP, Tse HF. Elevated pulmonary artery systolic pressure in patients with coronary artery disease and left ventricular dyssynchrony. *Eur J Heart Fail.* 2010;12(10):1067-75.

*(JIF=18.174; Ranking=7/143; No. of cites=6; Google Scholar=10)*

1. Ho HH, Siu CW, **Yiu KH**, Tse HF, Chui WH, Chow WH. Prosthetic valve endocarditis in a multicenter registry of Chinese patients. *Asian Cardiovasc Thorac Ann.* 2010;18(5):430-4.

*(JIF=0.488; Ranking=N/A; No. of cites=30; Google Scholar=30)*

1. Yue WS, Wang M, Yan GH, **Yiu KH**, Yin LX, Lee SWL, Siu CW, Tse HF. Smoking is associated with depletion of circulating endothelial progenitor cells and elevated pulmonary artery systolic pressure in patients with coronary artery disease. *Am J Cardiol.* 2010;106(9):1248-54.

*(JIF=3.133;* *Ranking=81/143; No. of cites=29; Google Scholar=57)*

1. Siu CW, Sun NCH, Lau TW, **Yiu KH**, Leung F, Tse HF. Preoperative cardiac risk assessment in geriatric patients with hip fractures: an orthopedic surgeons' perspective. *Osteoporos Int.* 2010;21(Suppl 4):S587-91.

*(JIF=5.071; Ranking=46/146; No. of cites=19; Google Scholar=40)*

***2011***

1. Li X, Tse HF, **Yiu KH**, Li LSW, Jin LJ. Effect of periodontal treatment on circulating CD34(+) cells and peripheral vascular endothelial function: a randomized controlled trial. *J Clin Periodontol.* 2011;38(2):148-56.

*(JIF=7.478; Ranking=4/92; No. of cites=33; Google Scholar=55)*

1. Witkowski TG, ten Brinke EA, Delgado V, Ng ACT, Bertini M, Marsan NA, Ewe SH, Auger D, **Yiu KH**, Braun J, Klein P, Steendijk P, Versteegh MIM, Klautz RJ, Bax JJ. Surgical ventricular restoration for patients with ischemic heart failure: determinants of two-year survival. *Ann Thorac Surg.* 2011;91(2):491-8.

*(JIF=5.102; Ranking=50143, 21/66, 28/213; No. of cites=28; Google Scholar=47)*

1. **Yiu KH**, Yeung CK, Chan HT, Wong RMY, Tam S, Lam KF, Yan GH, Yue WS, Chan HH, Tse HF. Increased arterial stiffness in patients with psoriasis is associated with active systemic inflammation. *Br J Dermatol*. 2011;164(3):514-20.

*(JIF=11.113; Ranking=3/69; No. of cites=56; Google Scholar=95;* ***first author****) \*\**

1. **Yiu KH**, Wang SL, Mok MY, Ooi GC, Khong PL, Lau CS, Tse HF. Relationship between cardiac valvular and arterial calcification in patients with rheumatoid arthritis and systemic lupus erythematosus. *J Rheumatol.* 2011;38(4):621-7.

*(JIF=5.346; Ranking=10/34; No. of cites=27; Google Scholar=43;* ***first author****)*

1. **Yiu KH**, Siu CW, Zhang XH, Wang M, Lee KLF, Lau CP, Tse HF. Left ventricular apical akinetic aneurysmatic area associated with permanent right ventricular apical pacing for advanced atrioventricular block: clinical characteristics and long-term outcome. *Europace.* 2011;13(4):514-9.

*(JIF=5.486; Ranking=46/143; No. of cites=1; Google Scholar=2;* ***first author****)*

1. Yiu YF, Chan YH, **Yiu KH**, Siu CW, Li SW, Wong LY, Lee SWL, Tam S, Wong EWK, Cheung BMY, Tse HF. Vitamin D deficiency is associated with depletion of circulating endothelial progenitor cells and endothelial dysfunction in patients with type 2 diabetes. *J Clin Endocrinol Metab.* 2011;96(5):E830-5.

*(JIF=6.134; Ranking=32/146; No. of cites=93; Google Scholar=171)*

1. **Yiu KH**, Pong V, Siu CW, Lau CP, Tse HF. Long-term oral nitrate therapy is associated with adverse outcome in diabetic patients following elective percutaneous coronary intervention. *Cardiovasc Diabetol.* 2011;10:52.

*(JIF=8.949;* *Ranking=20/143, 15/146; No. of cites=6;**Google Scholar=16;* ***first author****) \*\**

1. Dai YL, Luk TH, **Yiu KH**, Wang M, Yip PMC, Lee SWL, Li SW, Tam S, Fong B, Lau CP, Siu CW, Tse HF. Reversal of mitochondrial dysfunction by coenzyme Q10 supplement improves endothelial function in patients with ischaemic left ventricular systolic dysfunction: A randomized controlled trial. *Atherosclerosis.* 2011;216(2):395-401.

*(JIF=6.847; Ranking=35/143, 11/67; No of cites=78; Google Scholar=121)*

1. Chan YH, Lam TH, Lau KK, **Yiu KH**, Siu CW, Li SW, Chan HT, Tam S, Lau CP, Tse HF. Dietary intake of phytoestrogen is associated with increased circulating endothelial progenitor cells in patients with cardiovascular disease. *Eur J Cardiovasc Prev Rehabil.* 2011:18(3):360-8.

*(JIF=3.691; Ranking=35/125; No. of cites=20; Google Scholar=35)*

1. Tso AWK, Lam TKY, Xu A, **Yiu KH**, Tse HF, Li LSW, Law LSC, Cheung BMY, Cheung RTF, Lam KSL. Serum adipocyte fatty acid-binding protein associated with ischemic stroke and early death. *Neurology.* 2011;76(23):1968-75.

*(JIF=11.8*; *Ranking=9/212; No. of cites=47; Google Scholar=63)*

1. Chen H, **Yiu KH**, Tse HF. Relationships between vascular dysfunction, circulating endothelial progenitor cells, and psychological status in healthy subjects. *Depress Anxiety.* 2011;28(8):719-27.

*(JIF=**8.128; Ranking=21/155, 15/143, 10/80, 9/131; No. of cites=23; Google Scholar=38)*

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22. Yu SY, Ip MS, Li X, Cheung KS, Ren QW, Wu MZ, Li HL, Wong PF, Tse HF, **Yiu KH**. Low-dose aspirin and incidence of lung carcinoma in patients with chronic obstructive pulmonary disease in Hong Kong: A cohort study. PLoS Med. 2022 Jan 13;19(1):e1003880. 2022 (*JIF=11.613; Ranking= 22/172;* *No. of cites=1; Google Scholar=3* ***corresponding author***)\*

***2023***

1. Wu MZ, Teng TK, Tay WT, Ren QW, Tromp J, Ouwerkerk W, Chandramouli C, Huang JY, Chan YH, Teramoto K, Yu SY, Lawson C, Li HL, Tse YK, Li XL, Hung D, Tse HF,Lam CSP, **Yiu KH**. Chronic kidney disease begets heart failure and vice versa: temporal associations between heart failure events in relation to incident chronic kidney disease in type 2 diabetes. Diabetes Obes Metab. 2023 Mar;25(3):707-715. 2022 (*JIF=6.408; Ranking= 30/146;* *No. of cites=0; Google Scholar=0* ***corresponding author***)\*
2. Teng TK, Tay WT, Ouwerkerk W, Tromp J, Richards AM, Gamble G, Greene SJ, **Yiu KH**, Poppe K, Ling LH, Lund M, Sim D, Devlin G, Loh SY, Troughton R, Ren QW, Jaufeerally F, Lee SGS, Tan RS, Soon DKN, Leong G, Ong HY, Yeo DPS, Lam CSP, Doughty RN. Titration of medications and outcomes in multi-ethnic heart failure cohorts (with reduced ejection fraction) from Singapore and New Zealand. ESC Heart Fail. 2023 Feb 1. 2022 (*JIF=3.612; Ranking= 68/143;* *No. of cites=0; Google Scholar=0*)
3. Xu Y, **Yiu KH**, Lee WN. Fast and Robust Clutter Filtering in Ultrafast Echocardiography. Ultrasound Med Biol. 2023 Feb;49(2):441-453. (*JIF=3.694; Ranking= 7/32; 56/136;* *No. of cites=0; Google Scholar=0*)
4. Yu SY, Li HL, Tse YK, Li X, Ren QW, Wu MZ, Wong PF, Tse HF, Lip GYH, **Yiu KH**. Pre-admission and In-Hospital Statin Use is Associated With Reduced Short-Term Mortality in Infective Endocarditis. Mayo Clin Proc. 2023 Feb;98(2):252-265. (*JIF=12.213; Ranking= 18/172;* *No. of cites=0; Google Scholar=0*)
5. Wan EYF, Mathur S, Zhang R, Yan VKC, Lai FTT, Chui CSL, Li X, Wong CKH, Chan EWY, **Yiu KH**, Wong ICK. Association of COVID-19 with short- and long-term risk of cardiovascular disease and mortality: a prospective cohort in UK Biobank.Cardiovasc Res. 2023 Jan 19:cvac195. (*JIF=14.239; Ranking= 10/143;* *No. of cites=0; Google Scholar=0*)
6. Ye X, Huang C, Wei Y, Li STH, Yan VKC, **Yiu KH**, Tse HF, Ma T, Qin X, Chui CSL, Lai FTT, Li X, Wan EYF, Wong CKH, Wong ICK, Chan EW. Safety of BNT162b2 or CoronaVac COVID-19 vaccines in patients with heart failure: A self-controlled case series study. Lancet Reg Health West Pac. 2023 Jan;30:100630. Epub 2022 Nov 7 (*JIF=8.559; Ranking= 3/109; 20/210; 10/182;* *No. of cites=0; Google Scholar=0*)
7. Huang JY, Tse YK, Li HL, Chen C, Zhao CT, Liu MY, Wu MZ, Ren QW, Yu SY, Hung D, Li XL, Tse HF, Lip GYH, **Yiu KH.** Prediabetes Is Associated With Increased Risk of Heart Failure Among Patients With Atrial Fibrillation. Diabetes Care. 2023 Jan 1;46(1):190-196. (*JIF=17.155; Ranking= 6/146;* *No. of cites=1; Google Scholar=0;* ***corresponding author***)\*
8. Tang HS, Kwan CT, He J, Ng PP, Hai SHJ, Kwok FYJ, Sze HF, So MH, Lo HY, Fong HTA, Wan EYF, Lee CH, Yu EYT, Lai YTA, Lee CYJ, Leung ST, Chan HL, Tse HF, Pennell DJ, Mohiaddin RH, Senior R, Yan AT, **Yiu KH**, Ng MY. Prognostic Utility of Cardiac MRI Myocardial Strain Parameters in Patients With Ischemic and Nonischemic Dilated Cardiomyopathy: A Multicenter Study AJR Am J Roentgenol. 2023 Feb 15:1-15. (*JIF=6.582; Ranking= 23/136;* *No. of cites=0; Google Scholar=0*)

**Five most significant publications in the past 6 years**

1. Liu JH, Chen Y, Yuen M, Zhen Z, Chan CWs, Lam KS, Tse HF, **Yiu KH**. Incremental prognostic value of global longitudinal strain in patients with type 2 diabetes mellitus. *Cardiovasc Diabetol.* 2016; 15:22.

*(JIF=8.949; Ranking=20/143, 15/146; No. of cites=69; Google Scholar= 103;* ***corresponding author****)*

*This paper, published in top 10% of the field of cardiology and endocrinology, respectively, was first to demonstrate the incremental prognostic value of speckle tracking derived strain analysis, in a cohort of asymptomatic patients with type 2 diabetes mellitus. The article is highly cited and provides firm evidence to support the use of advance echocardiography assessment to improve risk stratification in these patients.*

1. Yu YJ, Chen Y, Lau CP, Liu YX, Wu MZ, Chen YY, Ho ML, Tse HF, **Yiu KH**. Non-apical right ventricular pacing is associated with less tricuspid valve interference and long-term progress of tricuspid regurgitation. *J Am Soc Echocardiogr.* 2020;33(11):1375-83.

*(JIF=7.722; Ranking=27/143; No. of cites=5,* Google Scholar= 5;***corresponding author****)\**

*This paper is part of the CRADS consortium and demonstrated that patients with non-apical right ventricular pacing reduced tricuspid regurgitation in patients undergoing pacemaker implantation. The finding is published in the top echocardiography journal.*

1. Wu MZ, Lee CH, Chen Y, Yu SY, Yu YJ, Ren QW, Fong HC, Wong PF, Tse HF, Lam SK, **Yiu KH.** Association between adipocyte fatty acid-binding protein with left ventricular remodelling and diastolic function in type 2 diabetes: a prospective echocardiography study.*Cardiovasc Diabetol*. 2020 Nov 24;19(1):197.

*((JIF=8.949; Ranking=20/143, 15/146; No. of cites=6; Google Scholar=8;* ***corresponding author****)*

*This prospective study is part of the CDATS consortium and demonstrated that Circulating AFABP level at baseline predicted the development of LV hypertrophy, diastolic dysfunction and MACE in T2DM patients without CVD. The observation provides important insight for planning of future randomized trials that aim to reduce cardiac structural and function deterioration and subsequent adverse events in patients with T2DM. This paper is published in top 10% of the field of cardiology and endocrinology.*

1. Chen Y, Liu YX, Yu YJ, Wu MZ, Lam YM, Sit KY, Chan DTL, Ho CKL, Ho LM, Fang LG, Zhang SY, Lau CP, Au WK, Tse HF, **Yiu KH**. Prognostic value of tricuspid valve geometry and leaflet coaptation status in patients undergoing tricuspid annuloplasty: a three-dimensional echocardiography study. *J Am Soc Echocardiogr*. 2019;32(12):1516-25.

*(JIF=7.722; Ranking=27/143; No. of cites=3; Google Scholar=6;* ***corresponding author****) \**

*The current paper is the first to use 3DE to evaluate the tricuspid valve and demonstrate its prognostic value in patients undergoing tricuspid annuloplasty. The finding is published in the top echocardiography journal.*

1. Ren QW, Yu SY, Teng TH, Li X, Cheung KS, Wu MZ, Li HL, Wong PF, Tse HF, Lam CSP, **Yiu KH**. Statin use is associated with lower cancer risk and related mortality in patients with heart failure. *Eur Heart J.* 2021 Jun 22;ehab325.

*(JIF=35.855; Ranking=3/143; No. of cites=21; Google Scholar=34;* ***corresponding author****) \**

*In this territory-wide cohort study of more than 87000 patients with HF, we demonstrated that, for the first time, statin use was independently associated with a 16% decrease in risk of developing cancer and a 26% decrease in risk of cancer-related mortality. There was some evidence of a “dose response” relationship, with longer durations (4-6 years, >6 years) of statin using being associated with a lower risk of cancer and cancer-related mortality compared to short-term use (<2 year). Results were consistent across clinical subgroups and in sensitivity analyses. These findings have major clinical implications to reduce the associated burden in HF.*

*According to the editors, this paper was of considerable interest to the field of cardiology. A press release was arranged by the Journal office and currently over 100 international media has reported our findings, including Daily Mail (UK), London Daily Mail (UK), The independent (UK), Drugs.com (US), Medscape (US) and Tencent news (China).*

**iii. CASE REPORT, INVITED EDITORIAL AND OTHER PUBLICATION IN INTERNATIONAL JOURNAL**

1. Tse HF, **Yiu KH**. Deep vein thrombosis demonstrated by contrast enhanced helical computed tomographic venography. *Heart*. 2004;90(3):251.

*(JIF=7.369; Ranking=31/143; No. of cites=1; Google Scholar= 1)*

1. **Yiu KH**, Siu CW, To KKW, Jim MH, Lee KLF, Lau CP, Tse HF. A rare cause of infective endocarditis; Lactococcus Garvieae. *Int J Cardiol.* 2007;114(2):286-7.

*(JIF=4.039; Ranking=61/143; No. of cites=40; Google Scholar= 50;* ***first author****)*

1. Jim MH, **Yiu KH**, Chow WH. In-stent restenosis in idiopathic isolated ostial left main coronary artery stenosis. *Int J Cardiol*. 2007;114(3):e111-3.

(*JIF=4.039; Ranking=61/143; No. of cites=1; Google Scholar=1)*

1. **Yiu KH**, Siu CW, Lau CP, Lee KLF, Tse HF. Transvenous catheter-based microwave ablation for atrial flutter. *Heart Rhythm*. 2007;4(2):221-3.

*(JIF=6.779; Ranking=36/143; No. of cites=7; Google Scholar= 6;* ***first author****)*

1. **Yiu KH**, Siu CW, Lau CP, Tse HF. Pericarditis induced by active-fixation lead shown by positron emission tomography/computed tomography. *Heart Rhythm.* 2008;5(10):1493-4.

*(JIF=6.779; Ranking=36/143; No. of cites=1; Google Scholar= 1;* ***first author****)*

1. **Yiu KH**,Lung YL, Siu CW, Jim MH, Chow WH, Tse HF. Focal pericarditis in a huge heart demonstrated by positron emission tomography/computed tomography. *Clin Nucl Med.* 2009;34(6):362-4.

*(JIF=10.782; Ranking=6/136; No. of cites=0; Google Scholar= 1;* ***first author****)*

1. Jim MH, **Yiu KH**, Ko RLY, Siu CW, Chow WH. Virtual histology of aneurysmal lesion in aortocoronary saphenous vein graft. *Asian Cardiovasc Thorac Ann*. 2009;17(5):539-40.

*(JIF=N/A; Ranking=N/A; No. of cites=N/A; Google Scholar= N/A)*

1. **Yiu KH**, Chan WS, Jim MH, Chow WH. Arteria lusoria diagnosed by transradial coronary catheterization. *JACC Cardiovasc Interv*. 2010;3(8):880-1.

*(JIF=11.075; Ranking=16/143; No. of cites=4; Google Scholar= 16;* ***first author****)*

1. Jim MH, **Yiu KH**, Chow WH. Successful use of endothelial progenitor cell capture stent in a de novo lesion previously covered by vascular brachytherapy. *Int J Cardiol*. 2011;148(2):233-4.

*(JIF=4.039; Ranking=61/143; No. of cites=1; Google Scholar= 1)*

1. **Yiu KH**, Lee SW, Ho HH, Chan HW, Tse HF. Dual coronary fistulas complicated with significant left to right heart shunt in an elderly patient. *Int J Cardiol*. 2011;149(3):E108-9.

*(JIF= 4.039; Ranking=61/143; No. of cites=1; Google Scholar= 1;* ***first author****)*

1. **Yiu KH**, Tse HF, Lau CP. Ventricular tachycardia complicating head-up tilt test: the role of coronary artery spasm. *Pacing Clin Electrophysiol*. 2011:34(12):e109-11.*(JIF=1.912; Ranking=113/143, 78/98; No. of cites=2; Google Scholar= 5;* ***first author****)*
2. **Yiu KH**. Reply to Letter to the Editor: does severity of psoriasis increase coronary artery calcification?. *J Intern Med.* 2013;274(4):393.

*(JIF=13.068; Ranking=16/172; No. of cites=N/A; Google Scholar= 1* ***first author****)*

1. **Yiu KH**, Ng WS, Chan D, Sit KY, Wong A, Lee CW, Chum HL, Cheng WY, Pun CT, Ho KL, Chen Y, Ho LM, Kumana CR, Cheung HL, Chung MC, Lau CP, Au WK, Tse HF. Improved prognosis following renin-angiotensin-aldosterone system blockade in patients undergoing concomitant aortic and mitral valve replacement. *Int J Cardiol*. 2014;177(2):680-2.

*(JIF=4.039; Ranking=61/143; No. of cites=10; Google Scholar= 12;* ***first and corresponding author****)*

1. Jim MH, **Yiu KH**. Combined drug-eluting stent and supplementary paclitaxel-eluting balloon application at side branch ostium for in-stent restenotic true bifurcation lesion. *Int J Cardiol.* 2015;181:149-51.

*(JIF=4.039; Ranking=61/143; No. of cites=1; Google Scholar= 2)*

1. Jim MH, Wong KL, **Yiu KH**. Angiographic and clinical results of everolimus-eluting stent utilization in saphenous vein graft lesions (ARES). *Int J Cardiol.* 2015;184:433-5.

*(JIF=4.039; Ranking=61/143; No. of cites=1; Google Scholar= 2)*

1. Huang D, Chan PH, Lam CC, Shea PC, **Yiu KH**, Tse HF, Siu CW. Ivabradine in Severe Aortic Stenosis with Poor Left Ventricular Ejection Fraction. *J Heart Valve Dis.* 2015;24(4):433-5.

*(JIF=0.715; Ranking=115/124; No. of cites=1; Google Scholar= 1)*

1. Jim MH, Fung RCY, **Yiu KH**. Angiographic result of sirolimus-eluting balloon in de novo small coronary artery lesion (ARSENAL). *Int J Cardiol.* 2016;222:992-4.

*(JIF=4.039; Ranking=61/143; No. of cites=7; Google Scholar= 7)*

1. Chen Y, **Yiu KH**. Growing importance of valvular heart disease in the elderly. *J Thorac Dis.* 2016;8(12):E1701-3.

*(JIF=3.005; Ranking=45/66; No. of cites=5; Google Scholar= 11)*

1. **Yiu KH**, Tse HF. Editorial commentary: Heart failure in systemic lupus erythematosus: A problem to address. *Trends Cardiovasc Med.* 2018;28(3):198-9.

*(JIF=8.049; Ranking=25/143; No. of cites=1; Google Scholar= 7;* ***first author****)*

1. Ng MY, Yap PM, **Yiu KH**. Chronic kidney disease with elevated myocardial native T1 - Is this only due to myocardial fibrosis?. *Int J Cardiol Heart Vasc.* 2019;24:100403.   
   *(JIF=N/A; Ranking=N/A; No. of cites=N/A; Google Scholar= 1)*
2. *Zhang R, Chen C, Yeung EHK, Yiu KH. Benefits of Outpatient Cardiac Rehabilitation in an Adult Patient with Coarctation of the Aorta and Moyamoya Disease J Rehabil Med Clin Commun. 2021 Oct 15;4:1000069.*

**II. EDITORIAL BOARD MEMBERSHIP**

|  |  |
| --- | --- |
| 2012 – Present | Member of the Editorial Board  Hong Kong Medical Journal  *(JIF=1.256; Ranking=140/172*) |
| 2020 – Present | Member of the Editorial Board  International Journal of Cardiovascular Imaging  *(JIF=2.316; Ranking=104/143; 96/136)* |
| 2020 – Present | Member of the Editorial Board  Cardiovascular Ultrasound  *(JIF=2.263; Ranking=107/143)* |
| 2021 – Present | Member of the Editorial Board  Ultrasonography  *(JIF=4.725; Ranking=39/136)* |
| 2021 – Present | Associate Editor in Heart Valve Section  Frontiers in Cardiovascular Medicine  *(JIF=5.846; Ranking=43/14.)* |

**III. INVITED LECTURES AT OVERSEAS INSTITUTES, INTERNATIONAL AND REGIONAL MEETING**

**i. KEYNOTE LECTURE**

***2016***

1. *Invited Keynote Lecture,* 20th Institute of Cardiovascular Science and Medicine Meeting, Hong Kong, November 19, “Tricuspid valve in the Spotlight”

**ii. PLENARY LECTURE**

***2016***

1. *Invited Plenary Lecture,* 21st Hong Kong Medical Forum, Hong Kong, May 7-8, “Strategies for Heart Failure Management: Where we are today?”

***2017***

1. *Invited Plenary Lecture*, **Hong Kong College of Physicians – The Richard Yu Lectureship 2017,** October 21-22, “Cardiovascular manifestation in systemic inflammatory disorders”

**iii. OTHER INVITED LECTURE**

**a. LOCAL**

***2013***

1. *Invited Speaker*, 9th Echo Hong Kong 2013, November 21-24, “4D echocardiography in clinical practice”

***2014***

1. *Invited Speaker*, Hong Kong College of Cardiology Annual Scientific Meeting, June 6-8, “Prevention of Stroke in East Asian AF Patients”
2. *Invited Speaker*, Boehringer Ingelheim – Lunch Symposium, “Preventing Stroke in Patients with Atrial Fibrillation with NOACs”

***2015***

1. *Invited Speaker*, CardioRhythm 2015, January 30-February 1, “Role of echo to guide LV Lead placement”
2. *Invited Speaker*, CardioRhythm 2015, January 30-February 1, “Role of MRI for CRT”
3. *Invited Speaker*, CardioRhythm 2015, January 30-February 1, “A sleep apnea patient with cardiomegaly”
4. *Invited Speaker*, CardioRhythm 2015, January 30-February 1, “How to deal with a patient on novel anticoagulant when they develop other medical issues?”
5. *Invited Speaker*, Hong Kong Baptist Hospital – Symposium, “From Latest Guidelines to Treatment Practice- Update of Hyperlipidemia Management”
6. *Invited Speaker*, St Paul Hospital – Symposium, “Advance in Medications for Type 2 Diabetes and Dyslipidemia Management”
7. *Invited Speaker*, St Paul Hospital – Symposium, “Optimizing Lipid Management in Cardiovascular Disease: Even Lower is Even Better”
8. *Invited Speaker*, Department of Microbiology, The University of Hong Kong – Infectious Disease Courses and Postgraduate Diploma Programme, Cardiologist tricks in diagnosing heart infections”

***2016***

1. *Invited Speaker*, The Society of Hong Kong Physicians – Sunday Symposium, “Diabetic Cardiomyopathy-Diagnosis and management”

***2017***

1. *Invited Speaker*, Geriatric Team Meeting Lecture, “Advanced clinical treatment of heart failure”
2. *Invited Speaker*, Hong Kong Dental Congress, “Oral Health and aging population: A medical prospective”
3. *Invited Speaker*, Faculty of Medicine, The University of Hong Kong – Medical Summer Broadening Programme, July 29-August 4, “The laugh and tears of becoming a cardiologist”

***2018***

1. *Invited Faculty*, ACS Conference Treatment
2. *Invited Guest Expert*, The Inaugural Joint Clinical and Translational Cardiology Conference (CTCC), May 26-27
3. *Invited Faculty*, HKSTENT Bifurcation PCI Workshop & Cases Competition, June 30
4. *Invited Lecturer*, The Society of Hospital Pharmacists of Hong Kong – Dinner Symposium, November 30, “Innovation in Chronic Heart Failure Treatment”

***2019***

1. *Invited Speaker,* Hong Kong Core Cardiology Certificate Course (Module 3), April 7, “Tricuspid Regurgitation: Diagnosis and Management Options. 1. Echo Features and Severity Assessment 2. Management of TR and When is Surgery Indicated?”
2. *Invited Faculty,* 12th Echo Hong Kong, November 24, “Heart Failure: State of the art”

***2020***

1. *Invited Lecturer*, Hong Kong College of Physician Annual Scientific Meeting 2020, October 17, “ Treatment for heart failure”
2. *Invited Expert,* Boehringer Ingelheim Heart Failure Advisory Board Meeting, ZOOM platform, November 7, “Professional advice on local treatment perspectives on HFrEF management, EMPEROR-Reduced study and its potential clinical implication and clinical development program for Empagliflozin in Heart Failure (the EMPOWER program)”

**2021**

1. *Invited Speaker,*  15th International Virtual Symposium on Healthy Aging, March 14, “SGLT2 inhibition and the cardiorenal metabolic axis: from trials to patient care”
2. *Moderator*, August 6, “New Advances in Transcatheter Intervention of Tricuspid Regurgitation Webinar”
3. *Invited Speaker,*  29th Annual Scientific Congress Hong Kong College of Cardiology, July 10, ” Right Heart Dysfunction and tricuspid Regurgitation in pulmonary hypertension”
4. *Chairperson*, 25th Hong Kong Medical Forum, “ New Therapies for Treating Cardiovascular Diseases”
5. *Invited Speaker*, Internal training at Novartis, Sep 6, “Event on ASCVD and Ischemic Heart Disease management”, Virtual
6. *Invited speaker*, Best of ACC.21 Hong Kong Novartis sponsored symposium, October 24, “Advance in lipid management for ASCVD: What’s new in 2021?”
7. *Panelist*, Best of ACC.21 Hong Kong, October 24, Pathway 5: Pulmonary Vascular Disease & Pathway 10: Valvular Heart Disease
8. *Invited speaker*, Best of ACC.21 Hong Kong, October 24, “Pathway 10: Valvular Heart Disease: Contemporary Natural History of Isolated Severe Tricuspid Regurgitation by Etiology And Management”
9. *Invited speaker*, 24th Annual Scientific Meeting of ICSM, November 6, “SGLT2i and cardiovascular disease”
10. *Chairperson*, 13th Echo Hong Kong, November 28, “Management of common CVD in 2021”

**2022**

1. *Session Chairperson*, 26th Hong Kong Medical Forum, May 14, “Updates and Advances in Management of Cardiac Diseases”
2. *Invited speaker*, 30th Annual Scientific Congress of Hong Kong College of Cardiology, 8-10 July, “Risk prediction for adverse cardiovascular events:

Experience from precision cardiovascular imaging to the application of big data

analytics”

1. *Session Chairperson*, 6th International Symposium on Healthy Aging, “Keeping the Heart Strong”
2. *Invited speaker*, Hong Kong Medical Association, Oct 28, “Personalized Angina Management – A review of evidence”
3. *Chair*, Management Society for Healthcare Professionals 2022, “ Fighting another pandemic: Prevention and Treating of Atherosclerotic Cardiovascular Disease”
4. *Invited speaker*, 9th Asian Preventive Cardiology & Cardiac Rehabilitation Conference, Nov 26, 2022 “ New Clinical insights for improving heart failure management” “A New Era in Managing Hypercholesterolemia with siRNA”

**b. REGIONAL/NATIONAL**

***2012***

1. *Invited Speaker,* Hong Kong-Beijing-Harbin Medical Forum, Harbin, April, “Trans-catheter aortic valve implantation (TAVI): current perspective and patient selection”
2. *Invited Speaker,* Shantou University Medical College, Shantou, October 31-November 2, “Cardiovascular Imaging: echocardiography”, “Cardiovascular Imaging: computed tomography and cardiac magnetic resonance imaging”

***2013***

1. *Invited Speaker*, Macau Cardiology Association – Annual General Assembly 2013, Macau, December 8, “New Pharmacologic Therapy of Heart Failure”

***2014***

1. *Invited Speaker*, Dongguan Arrhythmia Treatment Expert Discussion, “Novel Anticoagulation for Atrial fibrillation”
2. *Faculty Member*, China Interventional Therapeutics in Partnership with TCT, Shanghai, March 20-23
3. *Invited Speaker*, Merck Serono Cardiovascular Scientific Forum, Macau, “Cardioprotective role of beta-blockers in Hypertension and Other Comorbidities”
4. *Invited Speaker*, The University of Hong Kong-Shenzhen Hospital – Clinical Pharmacy Conference, Futian, September 27, “Therapeutic management of heart failure”

***2015***

1. *Invited Speaker*, Associacao dos Medicos de Clinica Geral de Macau Chronic Disease CME 2015, “Optimizing Lipid Management in Cardiovascular Disease: even lower is even better”
2. *Invited Faculty*, 17th South China International Congress of Cardiology, Guangzhou, April 10-12, “Symposium of Cardiovascular Diagnosis”
3. *Invited Speaker*, Cardiovascular Vascular Scientific Seminar, Kiang Wu Hospital Medical Seminar, Macau, “Cardio-protection along CV Continuum”
4. *Invited Speaker*, Macau Physician Society – Symposium, Macau, “A new Paradigm for the Treatment of VTE”
5. *Invited Speaker*, The Continuing Medical Education (CME), Wuhan, “NOAC Real World Experiences”

***2017***

1. *Invited Speaker,* China International Pacing Summit (CIPS), Haikou, “Complications of Pacemakers Cardiologist May Overlook”
2. *Invited Speaker*, Coronary Intervention Complication Forum of China, Hangzhou, “The clinical application of BRS”
3. *Invited Speaker*, International Cardiovascular Frontiers-Futian Forum, Shenzhen, August 18-20, “PCI Clinical Application Guidelines by International Medical Experts”.
4. *Panelis*t, 2017 PUMCH International Conference on Residency Education, Beijing, September 16

***2018***

1. *Host*, 4th Cardiovascular Intervention Special Committee Annual Meeting and Guangdong-Macao Cardiovascular Forum, Guangdong Association of Chinese Integrative Medicine, Guangzhou, March 17
2. *Invited Lecturer*, 20th South China International Congress of Cardiology, Guangzhou, April 7, “Optimizing Strategy and Treatment on CHIP using OCT guidance”
3. *Invited Lecturer*, 12th Oriental Congress of Cardiology (OCC), Shanghai, June 1, “Introduction and clinical application of OCT-ANGIO Technology”
4. *Chairman*, Cardiac Rehabilitation Advance Course – The University of Hong Kong-Shenzhen Hospital, Shenzhen, June 10
5. *Invited Speaker*, Cardiovascular Intervention Forum and Treatment History and Current Situation of Heart Failure, Guangzhou, June 23, “Progress in diagnosis and treatment of right heart failure”
6. *Host*, 4th Pengcheng Cardiovascular Forum, Shenzhen, June 29
7. *Invited Lecturer*, The Belt & Road: Hong Kong-Macau-Guangdong Great Bay Area Cardiovascular Congress, Shenzhen, July 21, “Clinical relevance of Tricuspid regurgitation: insight from the Chinese Valvular Heart Disease Study (CVATS)”
8. *Host*, 5th Shenzhen-Hong Kong-Macao Anti-Thrombosis Forum, Shenzhen, August 5
9. *Invited Speaker*, 2018 ESC Research Progress, Guangzhou, September 26, “Highlights of ESC”
10. *Invited Lecturer,* Lecture on Heart Failure for Macau Physicians Society, Macau, October 28, “Clinical experience in using ARNI in managing heart failure”
11. *Host*, Asian Society of Cardiology Congress and Cardiovascular Interventional Summit-Southern China, Shenzhen, December 15

***2019***

1. *Host*, Southern Cardiovascular Imaging and Intervention Summit Forum, Guangzhou, March 2
2. *Invited Speaker*, 9th Central Congress of Cardiology (CCC), Wuhan, April 20, “Anti-Thrombosis treatment for patients with atrial fibrillation and coronary artery disease”
3. *Invited Speaker*, Anticoagulation City 3.0 Forum, Guangzhou, April 27, “Specific reversal agent and anticoagulation of atrial fibrillation era 3.0”
4. *Host*, 5th Pengcheng Cardiovascular Forum, Shenzhen, May 11, “Echocardiography Session”
5. *Invited Speaker*, 5th Pengcheng Cardiovascular Forum, Shenzhen, May 11, “Modern concept of LDL-C reduction treatment - modulated drug combination”
6. *Host*, ACS Anti-Thrombosis Academy Project, Shenzhen, May 13
7. *Invited Guest Expert*, Coronary Intervention Salon of The Third Affiliated Hospital of CQMU and The Hong Kong University-Shenzhen Hospital, Chongqing, May 18, “Surgery Experience Sharing”
8. *Invited Lecturer*, Coronary Intervention Salon of The Third Affiliated Hospital of CQMU and The Hong Kong University-Shenzhen Hospital, Chongqing, May 18, “Progress in interventional treatment of calcified lesions”
9. *Invited Guest Expert*, Cardiovascular Remote Education PCI College – Online Discussion, Shenzhen, June 3
10. *Invited Speaker*, Zhongxin 2019: Cardiovascular Intervention Discussion, Guangzhou, June 22, “Optimal treatment strategy for long lesion intervention-OCT guided stent implantation”
11. *Invited Speaker*, Zhongxin 2019: Cardiovascular Intervention Discussion, Guangzhou, June 22, “Discussion on the relationship between tricuspid regurgitation and cardiovascular diseases”
12. *Invited Speaker,* Macau Association of Cardiovascular Interventions Forum, Macau, June 23, “SGLT2 inhibitors: Shaping a new direction for type 2 diabetes treatment”
13. *Invited Speaker*, Academic Symposium of Professional Committee of Association of Traditional Medicine of Guangdong Province, Guangzhou, July 6, “Controversy on Anticoagulation treatment”
14. *Invited Speaker and Host*, Hong Kong-Macau-Guangdong Great Bay Area Cardiovascular Congress & 7th International Cardiovascular Frontier-Futian Forum, Shenzhen, July 20, “Pathophysiology and clinical implication of diabetic cardiomyopathy”
15. *Invited Guest Expert,* Celebration of 1000 Chest Pain Centres Registrations, Suzhou, July 26
16. *Invited Speaker,* 2019 Residency Admission Ceremony, Shenzhen, July 29, “Sharing of residency experience”
17. *Invited Surgical Demonstrator,* Cardiovascular Remote Education PCI College-FFR Live Surgery Teaching, Shenzhen, September 9
18. *Invited Guest Expert*, 12th Cross-Strait Cardiovascular Science Symposium, Nanjing, September 19-21
19. *Invited Faculty Representative*, Opening ceremony of Collaboration Project of Jinan University Postgraduate Training and Pharmaceutical Training, Shenzhen, September 25
20. *Invited Surgical Demonstrator*, Guilin People's Hospital Surgery Exchange, Guilin, October 18, “Surgical demonstration and application of IVUS in Left Main Coronary Artery”
21. *Invited Faculty Representative*, Cardiac Rehabilitation Center On-Site Verification, Shenzhen, November 14
22. *Invited Faculty Representative*, Shenzhen Residency Supervisory Board Meeting, Shenzhen, November 15
23. *Invited Speaker*, New Era of Anticoagulation for Atrial Fibrillation and 10th Anniversary of RE-LY Research, Nanjing, November 16, “Precise anticoagulation: On the optimization of SPAF strategies for special populations”
24. *Host*, Postgraduate Medical Education Forum in Guangdong, Hong Kong, Macao Greater Bay Area, Shenzhen, December 6
25. *Invited Lecturer*, 2019 China Cardiovascular Health Conference (CCHC), Suzhou, December 26-27, “Hong Kong Heart Failure Patient Management Experience Sharing”
26. *Invited Faculty Representative*, 2019 China Cardiovascular Health Conference (CCHC), Suzhou, December 26-27, “Representative of HKUSZH in receiving the Best Hospital Awards in the categories of National Heart Failure Center, National Heart Rehabilitation Center and Outstanding Human and Cultural Construction”
27. *Invited Lecturer*, Private Medical Organization Development Forum, Shanghai, December 28, “Seeking common ground while reserving differences: Current development of Hong Kong private hospitals”
28. *Invited Lecturer,* 2019 Asian Society of Cardiology Congress, Shenzhen, December 13-14, “New progress of 2019 ESC anticoagulation for atrial fibrillation”
29. *Invited Lecturer,* 2019 Asian Society of Cardiology Congress, Shenzhen, December 13-14, “From evidence to clinical – Research of ultra-long stents in the real world and experience sharing”

***2020***

1. *Invited Lecturer*, Anticoagulation Intelligence Group Phase I, Shenzhen, January 13, “Have you chosen the right NOAC dose for stroke prevention in patients with atrial fibrillation?”
2. *Invited Guest Expert,* ACS Pathway First Review Meeting, ZOOM platform, April 27
3. *Invited Lecturer*, Praluent® Listing Ceremony, ZOOM platform, April 28, “ACC 2020 Odyssey Series Research”
4. *Invited Lecturer,* Anticoagulation Intelligence Group Phase II, Shenzhen, April 29, “Anticoagulation in patients with atrial fibrillation in special populations”
5. *Host and Invited Lecturer,* 6th Pengcheng Cardiovascular Forum, ZOOM platform, May 8, “Clinical and ultrasound characteristics of tricuspid regurgitation after pacemaker implantation”
6. *Committee Member*, Cardiologist Branch Council Meeting, Shenzhen Medical Doctor Association, ZOOM platform, May 19
7. *Invited Guest Expert*, Review Meeting of Practical Clinical Medical Personnel Techniques, Shenzhen, Online platform, June 4
8. *Invited Guest Expert,* ACS Pathway Second Review Meeting, ZOOM platform, June 22
9. *Invited Lecturer*, Praluent® Launch, Shenzhen, July 3, “Controlling ACS risks through focusing on lipid-lowering and high-risk patients”
10. *Invited Lecturer*, Training Session on the latest certification standards and re-certification of Chest Pain Centre, Shenzhen, July 4, “Progress in perioperative drug treatment of acute coronary syndrome”

***2022***

1. *Invited Speaker*, The 23rd South International Congress of Cardiology, Guangzhou (Virtual), Apr 12-17, “IPE心血管獲益再添新證：REDUCE-IT 亞組结果最新解讀”
2. *Faculty Member,* “Great Wall International Congress of Cardiology, China, Oct 2022 “Leading Global Medical Societies Recognize IPE as an Important CV Treatment Option”
3. *Invited speaker*, Macau Association of Health Service Executives Annual Scientific Meeting, Oct 2022” The New Foundational Treatment for Heart Failure - SGLT2 Inhibitor Format: virtual lecture”

**c. INTERNATIONAL**

***2009***

1. *Invited Speaker*, 1st Annual International Congress of Cardiology (ICC-2009), Shanghai, December 5-7, “Current Perspective of Myocarditis”

***2010***

1. *Invited Speaker,* American Heart Association Scientific Sessions (AHA 2010), Chicago, November 13-17, “Myocardial Structural Alteration and Systolic Dysfunction in Preclinical Hypertrophic Cardiomyopathy Mutation Carriers”

***2011***

1. *Invited Speaker,* 3rd Annual International Congress of Cardiology (ICC-2011), Beijing, December 4-6, “Current Perspective of Myocarditis 2011”

***2012***

1. *Invited Speaker,* MIMS – Symposium, Taipei, July 7-8, “Stroke Prevention in AF”
2. *Invited Speaker,* 5th Annual Asia Pacific Heart Rhythm Society Scientific Session (APHRS 2012), Taipei, October 3-6, “Debate: Con: Optimization of CRT Using Non-invasive Cardiac Output Measurement”

***2013***

1. *Invited Speaker*, Synmosa Biopharma Corporation – Symposium, Taipei, January 18-19, “The Role of Levosimendan for Heart Failure Treatment”
2. *Faculty Member*, Cardiovascular Interventional Summit (CIS-2013), Shanghai, June 6-7
3. *Invited Speaker*, Chinese Medical Association-Taipei – Symposium, Taipei, June 28-30, “New Pharmacologic Therapy of Heart Failure”
4. *Invited Speaker*, 6th Annual Asia Pacific Heart Rhythm Society and CardioRhythm Scientific Session (APHRS & Cardiorhythm 2013), Hong Kong, October 3-6, “Focus on AF and Stroke Prevention”
5. *Invited Speaker*, 7th Asia Pacific CardiologyUpdate@USM 2013, Kelantan, October 11-13, “Evaluation for cardiac resynchronization device therapy”

***2015***

1. *Invited Speaker*, APHRS Cardiac Rhythm Device Therapy Module – Heart Failure and Basics of CRT Virtual Reality and Programming Workshop, Beijing, “Heart Failure and basics of CRT”

***2016***

1. *Faculty member*, 9th Annual Asia Pacific Heart Rhythm Society Scientific Session (APHRS 2016), Seoul, October 12-15, “Update in Clinical Practice in Patients with Syncope”

***2017***

1. *Invited Speaker*, 7th IDKD Asia, Diseases of the Chest, Heart and Vascular System, Hong Kong, May 28, “Clinical Perspectives of Coronary Intravascular Ultrasound and Optical Coherence Tomography”
2. *Invited Speaker*, Belt and Road International Cardiology Symposium, Beijing, “Cardiovascular manifestations in patients with systemic inflammatory disorders”
3. *Invited Speaker*, **28th Great Wall-International Congress of Cardiology, Beijing,** October 12-15, “Diagnosis Value of High Sensitive Troponin in Patients with Chest Pain”
4. *Invited Faculty*, IVUS and FFR symposium, Seoul

***2018***

1. *Invited Guest Expert,* EuroPCR 2018, Paris, May 22-25
2. *Invited Speaker*, APAC Physiology Thought Leaders’ Forum, Seoul, May
3. *Invited Speaker*,11th Annual Asia Pacific Heart Rhythm Society Scientific Session (APHRS 2018), Taipei, October 17-20, “ICD in Non-Ischemic Cardiomyopathy”
4. *Invited Speaker*, 11th Yixian International Cardiovascular Disease Forum (CVF 2018), Guangzhou, December 1, “Anticoagulation Strategies in Asian Patients with Atrial Fibrillation”

***2019***

1. *Invited Speaker*, Asian Anticoagulation Academy, Beijing, January 26, “Anticoagulation Era 3.0”
2. *Invited Speaker*, PCR Tokyo Valves, Tokyo, February 15-17, “Prognostic value of tricuspid valve geometry and leaflet coaptation status in patients undergoing tricuspid annuloplasty: a three-dimensional echocardiography study”
3. *Invited Guest Expert*, 21st South China International Congress of Cardiology, Guangzhou, April 12, “Stroke prevention in patients with atrial fibrillation in special populations”
4. *Invited Speaker*, 21st South China International Congress of Cardiology, Guangzhou, April 13, “Strategy of using DAPT in stent”
5. *Invited Guest Expert,* EuroPCR 2019, Paris, May 21-24
6. *Invited Faculty*, APAC Physiology Thought Leader Forum and Great Minds Meeting, Beijing, June 28-30, 2019
7. *Panelist*, Pre-ESC Satellite Meeting – Clinical Impact of Biomarkers in Cardiovascular Risk Stratification and Treatment, Online platform, August 30, 2019 “Cardiovascular risk stratification” Paris
8. *Invited Speaker,* 4th Wuhan International Geriatrics Summit, Wuhan, September 21, “New progress in anticoagulation for atrial fibrillation”
9. *Invited Speaker*, 30th Great Wall International Congress of Cardiology (GW-ICC), Beijing, October 11, “The appropriate difference between proximal and distal diameters for using an ultra-long stent: Case Report of Treatment of long diffused anterior descending lesions using Xience Xpedition 48”
10. *Invited Faculty,* 12th Annual Asia Pacific Heart Rhythm Society Scientific Session (APHRS 2019), Bangkok, October 24, “CIED induced tricuspid regurgitation: how to prevent, diagnose and manage”
11. *Invited Speaker*, 4th International Cardiovascular Conference, The University of Hong Kong-Shenzhen Hospital, Shenzhen, November 22-23, “Discussion and presentation of clinical research on cardiomyopathy”
12. *Invited Speaker*, 12th Yixian International Cardiovascular Disease Forum (CVF 2019), Guangzhou, November 30, “Highlights of 2019 ESC Atrial Fibrillation Anticoagulation”

***2020***

1. *Host and Invited Speaker*, 1st international meeting of The Sanming Project Conference of HKU-SZH Cardiology & Precision Cardiovascular Imaging Center with **Prof. Luig Paolo Badano, Director of the cardiovascular imaging unit at Istituto Auxologico Italiano, University of Milano-Bicocca, Milan (Italy) and Prof. Gerald Maurer of Medical University of Vienna, Vienna (Italy)**, ZOOM platform, May 30, “Chinese Diabetic Heart Study”
2. *Host and Invited Speaker*, 2nd international meeting of The Sanming Project Conference of HKU-SZH Cardiology & Precision Cardiovascular Imaging Center with **Prof. Frank A. Flachskampf of Uppsala University, Sweden**, ZOOM platform, June 13, “Chinese valvular heart disease: tricuspid regurgitation”

1. *Invited Lecturer*, Euro-Asia anticoagulation under Global Coronavirus Pandemic Online Course, ZOOM platform, June 30, “Challenges and strategies for emergency PCI for patients with atrial fibrillation under the Pandemic”
2. *Invited Lecturer*, Liverpool Centre for Cardiovascular Science at Institute of Ageing and Chronic Disease of the **University of Liverpool** – Seminar, ZOOM platform, July 20, “The Chinese Diabetic Heart Disease Study - clinical research on diabetic cardiomyopathy”
3. *Host*, Case Report Discussion Series of The Sanming Project of HKU-SZH with **Prof. Dudley Pennell, Prof. Roxy Senior and Prof. Raad Mohiaddin of Royal Brompton Hospital, London (UK)**, ZOOM platform, weekly basis since May 2020
4. *Host and Invited Speaker*, 3rd international meeting of The Sanming Project Conference of HKU-SZH Cardiology & Precision Cardiovascular Imaging Center with **Prof. William A. Zoghbi of Weill Cornell Medical College and the Houston Methodist Academic Institute, Houston (USA),** ZOOM platform, August 1, “Pacemaker induced tricuspid regurgitation”
5. *Panelist*, Research collaboration seminar with **Prof. Stefan Blankenberg and his research team, University Heart & Vascular Center Hamburg, Hamburg (Germany)**, Online platform, September 17, “Biomarkers in valvular heart disease”
6. *Host and Invited Speaker*, 4th international meeting of The Sanming Project Conference of HKU-SZH Cardiology & Precision Cardiovascular Imaging Center with **Prof. Luigi Paolo Badano, Director of the cardiovascular imaging unit at Istituto Auxologico Italiano, University of Milano-Bicocca, Milan (Italy)**, September 26, “Relation between Atrial Fibrillation and Tricuspid Regurgitation”
7. *Panelist*, Research collaboration seminar with **Prof. Carolyn Lam and her research team, Professor of Duke-NUS Cardiovascular Academic Clinical Program and Senior Consultant of the National Heart Centre (Singapore)**, Online platform, October 5, “Cancer risk of patients with heart failure”
8. *Invited Expert*, Heart Failure Roundtable Discussion with **Prof. Gregory Roth, Associate Professor of Medicine-Cardiology in the Division of Cardiology at the University of Washington School of Medicine, Institute for Health Metrics and Evaluation (USA) and Dr Carolyn Lam, Professor of Duke-NUS Cardiovascular Academic Clinical Program and Senior Consultant of the National Heart Centre (Singapore)**, Online platform, November 30, “Towards a Universal Definition of Etiologies in Heart Failure”
9. *Panelist*, APSC Leadership Series by Asian Pacific Society of Cardiology with **Prof. Jeroen Bax, Director of Non-invasive Imaging and Director of the Echo Laboratory in the Department of Cardiology at the Leiden University Medical Center (The Netherlands)**, Online Platform, December 16, “Future of Cardiovascular Imaging”

***2021***

1. *Invited Expert*, Research collaboration seminar with **Prof. Luigi Paolo Badano, Director of the cardiovascular imaging unit at Istituto Auxologico Italiano, University of Milano-Bicocca, Milan (Italy),** 28th January 2021, “Prognostic value of tricuspid apparatus using a novel 3D analytic approach in patients with tricuspid annuloplasty”
2. *Host and chairperson*, 6th International Cardiovascular Conference, The University of Hong Kong-Shenzhen Hospital, Shenzhen, September 18-19.
3. *Invited Speaker*, 32nd Great Wall International Congress of Cardiology (GW-ICC), Virtual, October 30, “To Explore the Mechanism of IPE”
4. *Invited Expert*, Heart Failure Expert Meeting with Prof. Javed Butler (second author of EMPEROR-Preserved study), Zoom meeting, November 4.
5. *Invited Speaker*, 14th Annual Asia Pacific Heart Rhythm Society Scientific

Session (APHRS 2021), Virtual, November 11-14, “New drugs in heart failure

patients with CRT/ICD: SGLT2 Inhibitor”

***2022***

49. *Invited Moderator,* Asia-Pacific Symposium, Virtual, March 5, Session 4,

“Advanced Cardiac CT Reporting”

1. *Faculty Member,* 33th Great Wall International Congress of Cardiology (GW-ICC), “Leading global medical societies recognize IPE as an Important CV Treatment Opinion”
2. *Invited Speaker*, the Macau Cardiologists at the Associacao de Diagnostico de Terapeutica de Intervenacao de Macau - Annual Scientific Meeting 2023” Innovative Approach to Cholesterol Control with siRNA
3. *Invited Speaker*, American College of Cardiology, “Experience in digital management of cardiovascular and cerebrovascular diseases”

**IV. PEER-REVEIWED CONFERENCE PRESENTATIONS**

1. **Yiu KH**, Miu R, Lee K, Tse HF, Siu CW, Lam J, Lam B, Ip M, Lau CP. Improvement of sleep apnea in heart failure patients after cardiac resynchronization therapy is caused by relief of pulmonary congestion as reflected by a drop of pulmonary arterial pressure. *Europace*. 2006;8(10):6.
2. **Yiu KH,** Miu K, Lee K, Yung C, Siu CW, Tse HF, Lam B, Lam J, Ip S, Lau CP. Improvement of sleep apnea in heart failure patients after cardiac resynchronization therapy is association with a significant drop in pulmonary arterial pressure. *Heart Rhythm*. 2006;3(5):S87-8.
3. **Yiu KH**, Siu CW, Lee K, Lam L, Chan HW, Lee S, Lau CP, Tse HF. Temporal trend of infective endocarditis in Chinese: A population based study over 10 years period. *J Am Coll Cardiol.* 2006;47(4):281A.
4. **Yiu KH**, Siu CW, Lee K, Lam L, Chan HW, Lee S, Lau CP, Tse HF. Adverse clinical outcomes in left-sided infective endocarditis complicated intravenous drug addict. *J Am Coll Cardiol.* 2006;47(4):281A.
5. Lau KK, Chan YH, **Yiu KH**, Lee K, Lau CP, Tse HF. Lower levels of circulating endothelial progenitor cells is associated with an increased carotid atherosclerosis burden in patients with stroke. *Circulation.* 2006;114(18):106-7.
6. Chan YH, Lau KK, **Yiu KH**, Li SW, Shu XC, Tse HF, Lau CP. [Isoflavone does not acutely alter endothelial function in patients with cardiovascular diseases](http://apps.isiknowledge.com:80/WoS/CIW.cgi?SID=2FdfKgpo2L6pBLEcmfG&Func=Abstract&doc=4/3). *Circulation*. 2006;114(18):901.
7. **Yiu KH**, Wang SL, Chan HW, Lee WL, Ooi C, Lau CP, Kwong YK, Lau CS, Tse HF. Depletion of CD133/KDR endothelial progenitor cell correlates with the presence of coronary atherosclerosis in patients with rheumatoid arthritis. *J Am Coll Cardiol*: 2008;51(10):A289.
8. Lee K, Echt D, **Yiu KH**, Tse HF, Lau CP. Transthoracic echocardiography predicts the acoustic window for leadless cardiac stimulation with ultrasound energy. *Heart Rhythm.* 2008; 5:AB41-2.
9. Lau KK, Chan YH, **Yiu KH**, Lau CP, Tse HF. Carotid Intima-Media Thickness is Superior to other Non-invasive Vascular Assessments in Risk Stratification of Subjects with Established Cardiovascular Disease. *Circulation.* 2008;118(18):S634.
10. Luk TH, Dai YL, **Yiu KH**, Tam S, Li SW, Chan HW, Lee S, Lau CP, Tse HF. Higher Habitual Physical Activity Improves Vascular Endothelial Function and Increases Endothelial Progenitor Cells in Patients with Stable Coronary Artery Disease. *Circulation*. 2008;118(18):S1109.
11. Wong CY, **Yiu KH**, Li LS, Lee SW, Chan RH, Tam S, Lau CP, Tse HF. Renoprotective Effect of Fish-Oil Supplement in Patients with Type II Diabetes. *Circulation*. 2008;118(18):S1122.
12. Dai YL, Luk TH, **Yiu KH**, Tam S, Li SW, Chan HW, Lee S, Lau CP, Tse HF. Mitochondrial dysfunction induced by higher dose statin usage contributes to endothelial dysfunction in patients with coronary artery disease. *Circulation*. 2008;118(18):S469-70.
13. **Yiu KH**, Zhang XH, Luk T, Siu CW, Lee LF, Lau CP , Tse HF. Apical aneursym induced by right ventricular apical pacing- clinical characteristics and long-term outcomes. *Eur Heart J.*  2008;29(Suppl 1):729.
14. **Yiu KH**, Yuen M, Mok M, Lee CH, Shea YK, Jim MH, Chow WH, Tse HF. Adverse cardiovascular outcome in patients with amiodarone induced thyrotoxicosis. *Eur Heart J.*  2008;29(Suppl 1):635.
15. Yan GH, Wang M, Yue WS, **Yiu KH**, Siu CW, Chan HT, Dai YL, Luk TH, Lau CP, Tse HF. Left ventricular systolic dyssynchrony is associated with pulmonary arterial hypertension in patients with coronary artery disease. *Eur Heart J.* 2009; 30(Suppl 1);49.
16. Dai YL, Luk TH, Siu CW, **Yiu KH**, Chan HT, Lee S, Li SW, Tam S, Lau CP, Tse HF. Reversal of mitochondrial dysfunction by Coenzyme Q10 supplement improves endothelial function in patients with ischemic heart failure. *Eur Heart J.* 2009;30(Suppl 1);236.
17. **Yiu KH**, SL Wang, Mok MY, Ooi GC, Lau CS, Tse HF. Pattern of arterial calcification in patients with systemic lupus erythematosus. *Eur Heart J.* 2009;30(Suppl 1);750.
18. **Yiu KH**, SL Wang, Mok MY, Ooi GC, Lau CS, Tse HF. Prevalence and extent of calcification over aorta, coronary and carotid arteries in patients with rheumatoid arthritis. *Eur Heart J.* 2009;30(Suppl 1);747.
19. Yue WS, Wang M, Yan GH, **Yiu KH**, Siu CW, Chan HT, Lee S, Li SW, Lau CP, Tse HF. Smoking is associated with depletion of circulating endothelial progenitor cells and pulmonary hypertension in patients with coronary artery disease. *Eur Heart J.* 2009;30(Suppl 1);776.
20. Luk TH, Dai YL, Siu CW, **Yiu KH**, Chan HT, Lee S, Li SW, Tam S, Lau CP, Tse HF. Effect of exercise-based cardiac rehabilitation on vascular endothelial function and exercise capacity in patients with stable coronary artery disease. *Eur Heart J* 2009;30(Suppl 1):852.
21. **Yiu KH**, Lau CP, Lee LF, Lau CP, Tse HF. Left ventricular apical aneurysm induced by permanent right ventricular apical pacing: Clinical characteristics and long-term outcomes. Heart Rhythm 2009: S 55.
22. **Yiu KH**, Schuijf JD, van Werkhoven JM, Bax JJ. Incremental prognostic value of renal dysfunction for the prediction of clinical outcome in patients undergoing computed tomography coronary angiography. *J Am Coll Cardiol.* 2011;57(4):E774. – awarded ICNC 2010 (Amsterdam) Best regional award.
23. **Yiu KH**, Ajmone Marsan N, Delgado V, Ng AC, Bax JJ. Early myocardial dysfunction in arrhythmogenic right ventricular dysplasia gene carriers without phenotype expression. *J Am Coll Cardiol.* 2011;57(14, Suppl 1):E266.
24. **Yiu KH**, Schuijf JD, de Graaf FR Bax JJ. Incremental prognostic value of renal dysfunction for the prediction of clinical outcome over results of computed tomography coronary angiography. *J Am Coll Cardiol.* 2011;57(14, Suppl 1):E774.
25. **Yiu KH**, Marsan NA, Delgado V, Bax JJ. Myocardial structural alteration and segmental dysfunction in hypertrophic cardiomyopathy mutation carriers without phenotype expression. *Eur Heart J.* 2011;32(Suppl 1):274.
26. Chan YH, Siu CW, Yiu YF, **Yiu KH**, Li SW, Lam TH, Lau CP, Tse HF. PR Interval Prolongation is Associated with Endothelial Dysfunction and Activation of Vascular Repair in High Risk Cardiovascular Patients. *Circulation.* 2011;21(S):A8488.
27. **Yiu KH**, Zhao CT, Tse HF. Prevalence and extent of subclinical atherosclerosis in patients with psoriasis. *Eur Heart J.* 2012;33(Suppl 1):509.
28. **Yiu KH**, Siu CW, Tse HF. [Predictive value of high-sensitivity troponin-I for adverse cardiovascular outcomes in patients with type 2 diabetes mellitus](javascript:__doPostBack('ctl00$MainContent$MyAbstracts$abstractRepeater$ctl03$linkAbstract','')). *Eur Heart J.* 2013;34(Suppl 1):787.
29. Wong A, Chen Y, Zhen Z, Tse HF, **Yiu KH**. Gender-specific differences in the association of hyperuricaemia with subclinical atherosclerosis. *Eur Heart J.* 2013;34(Suppl 1):310.
30. Sin S, **Yiu KH**. Difference in cardiac manifestation between liver transplantation candidates with alcoholic and hepatitis related cirrhosis. *Eur Heart J.* 2013;34(Suppl 1):503.
31. Santoso T, Siu CW, Irawan C, Chan WS, Alwi I, **Yiu KH**, Azis A, Kwong YL, Tse HF. A randomized placebo controlled trial of endomyocardial implantation of autologous bone marrow mononuclear cells in advanced ischemic Heart Failure (END-HF). *Eur Heart J.* 2013;34(Suppl 1):652.
32. Zhen Z, Wong A, Chen Y, Tse HF, **Yiu KH**. Electromechanical interplay in diabetic cardiomyopathy: relationship between diastolic dysfunction and T-wave alternans. *Eur Heart J.* 2014;34(Suppl 1):775.
33. Chen Y, Seto WK, Zhen Z, Tse HF, **Yiu KH**. Assessment of liver stiffness in patients with tricuspid regurgitation: relationship with disease severity. *Eur Heart J.* 2014;35(Suppl 1):123.
34. Chen Y, Zhen Z, Tse HF, **Yiu KH**. Biventricular dysfunction in patients with liver cirrhosis. *Eur Heart J.* 2014;35(Suppl 1):627.
35. Zhen Z, Tse HF, **Yiu KH**. Relationship between diabetic retinopathy and subclinical myocardial dysfunction in patients with diabetic mellitus. *Eur Heart J.* 2014;35(Suppl 1):113-4.

1. Chan YH, **Yiu KH**, Lau KK, Lee SWL, Lau CP, Siu CW, Tse HF. Diabetic cardiac autonomic dysfunction predicts adverse vascular function and clinical heart failure: counter-physiological dissociation of resting heart rate with PR interval. *Eur Heart J.* 2015;36(Suppl 1):116.
2. Liu JH, Chen Y, Zhen Z, Tse HF, **Yiu KH**. Relationship of extracellular matrix regulation, collagen turnover and renin angiotensin system activity with myocardial function in patients with type 2 diabetes mellitus. *Eur Heart J.* 2015;36(Suppl 1):184.
3. Chen Y, Zhen Z, Liu JH, Tse HF, **Yiu KH**. Improvement of biventricular myocardial function in patients with cirrhosis following liver transplantation. *Eur Heart J.* 2015;36(Suppl 1):1108.
4. Zhen Z, Chen Y, Liu JH, Lai I, Jin LJ, **Yiu KH**. Association of periodontitis with subclinical myocardial dysfunction in patients with diabetes. *Eur Heart J.* 2015;36(Suppl 1):1110.
5. Chen Y, Liu JH, Wu MZ, Lin QS, Cao GZ, Wang R, Liu MY, Zhen Z, Zou Y, Tse HF, **Yiu KH**. The influence of dipper and non-dipper blood pressure patterns on left ventricular function and peripheral vascular arterial stiffness in patients with hypertension. *Eur Heart J.* 2016;37(Suppl 1):474-5.
6. Chen Y, Liu JH, Chan D, Wong CK, Zhen Z, Tse HF, **Yiu KH**. Prevalence, predictors and clinical outcome of residual pulmonary hypertension following tricuspid annuloplasty. *Eur Heart J*. 2016;37(Suppl 1):752.
7. **Yiu KH**, Liu JH, Ng MY, Cheung T, Chung HY, Chen Y, Zhen Z, Zou Y, Mak KF, Khong PL, Lau CS, Tse HF. Ten-year progression of coronary artery, carotid artery, and aortic calcification in patients with rheumatoid arthritis. *Eur Heart J.* 2016;37(Suppl 1):1049.
8. Liu MY, Lin QS, Zhao CT, Chen C, Cao GZ, Wu MZ, Wang R, Chen Y, zhen Z, Tse HF, **Yiu KH**. Prevalence, presentations and etiologies of valvular heart disease in south China: a prospective study. *Eur Heart J*. 2016:37(Suppl 1):1358.
9. Chen Y, Tong X, He JL, Luo L, **Yiu KH**, Shen XP, Ng MY. Comparison of PSIR Motion Correction Late Gadolinium Enhancement Sequence with TurboFLASH and TrueFISP Late Gadolinium Enhancement Sequences. *Y Poster presentation at SCMR Meeting 2017.*
10. Chen Y, Tong X, He JL, Luo L, **Yiu KH**, Shen XP, Ng MY. A multiple center study: Comparison of PSIR Motion Correction Late Gadolinium Enhancement Sequence with TurboFLASH and TrueFISP Late Gadolinium Enhancement Sequences. *Oral presentation at RSNA Annual Scientific Meeting 2017.*
11. Chen Y, Liu JH, Au WK, Zhen Z, Yap D, Lau CP, Tse HF, **Yiu KH**. Cardiorenal syndrome in patients with valvular heart disease. *Eur Heart J.* 2017;38(Suppl 1):1152.
12. Chan YH, Chen Y, Lau CS, Tse HF, **Yiu KH**. Osteocalcin expression confers divergent roles of endothelial progenitor cells in cumulative inflammation-induced coronary calcification Development. *Eur Heart J.* 2018;39(Suppl 1):537.
13. Huang D, Cheng YY, Wong YT, Yung SY, Tam CC, Chan KW, Lam CC, **Yiu KH**, Hai JJ, Lau CP, Chan WY, Chiang CE, Tse HF, Chan PH, Siu CW. TIMI risk score for secondary prevention of recurrent cardiovascular events in a real world cohort of post acute non-ST-elevation myocardial infarction patients. *Eur Heart J.* 2018;39(Suppl 1):351-2.
14. Huang D, Cheng YY, Wong YT, Yung SY, Tam CC, Chan KW, Lam CC, **Yiu KH**, Hai JJ, Lau CP, Chan WY, Chiang CE, Tse HF, Chan PH, Siu CW. TIMI risk score for secondary prevention of recurrent cardiovascular events in a real world cohort of post acute ST-elevation myocardial infarction patients. *Eur Heart J.* 2018;39(Suppl 1):1157.
15. Shih KC, Wong I, Lai JSM, **Yiu KH**. Diabetic Retinopathy Status as a Marker for More Severe Reduction in Circulating Endothelial Progentior Cells and Systemic Atherosclerosis in Diabetics. *Investig Ophthalmol Visual Science.* 2018;59(9):1043.
16. Wu MZ, Chen Y, Zou Y, Zhen Z, Yu YJ, Liu YX, Yuen M, Ho LM, Lam KS, Tse HF, **Yiu KH**. Sex-specific pattern of left ventricular hypertrophy and diastolic function in patients with type 2 diabetes mellitus. *Eur Heart J.* 2019;40(Suppl 1):2080.
17. Chan YH, Chen Y, Lau CS, Tse HF, **Yiu KH**. Role of osteogenic circulating endothelial progenitor cells in dissemination of large arterial calcification in rheumatoid arthritis. *Eur Heart J.* 2019;40(Suppl 1):1840.
18. Fang JX, Tse HF, **Yiu KH**. The impact of tricuspid regurgitation on patient outcome in early and late heart failure. *Eur Heart J.* 2019;40:518

**V. RESEARCH GRANT AWARDED**

**i(a). RGC AND EXTERNAL COMPEITIVE GRANT (as Principal Investigator)**

|  |  |
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| 2011 | General Research Fund (GRF): Mechanism and Reversibility of Myocardial Fibrosis in Patients with Diabetic Cardiomyopathy: Role of Aliskiren ***(Amount: HK$950,000)***  accompanied by RGC clinical research fellowship  ***(Amount: HK$2,400,000)*** |
| 2013 | General Research Fund (GRF): Relationship between matrix G1a protein and osteogenic endothelial progenitor cells with vascular and valvular calcification in patients with rheumatoid arthritis: Potential therapeutic role of vitamin K  ***(Amount: HK$649,524)*** |
| 2015 | General Research Fund (GRF): Role of Angiotensin Receptor Blocker to Decrease the Progression of Left Ventricular Remodelling in Patients with Asymptomatic Aortic Stenosis ***(Amount: HK$554,700)*** |
| 2015 | Health and Medical Research Fund (HMRF): Reversibility of liver stiffness after tricuspid annuloplasty: A case-control study  ***(Amount: HK$964,216)*** |
| 2017 | Innovation and Technology Fund: Midstream Research Programme (ITF-MRP): Development of a novel cardiac imaging technique to detect silent brain infarction in the elderly to prevent subsequent vascular dementia.  ***(Amount: HK$4,166,780.80)*** |
| 2019 | Summing Grant of the Shenzhen Health Ministry, China (SZSM201911020): Precision cardiovascular imaging by cardiac Magnetic Resonance Imaging (***Amount: RMB$15,000,000***) |
| 2020 | Shenzhen Key Medical Discipline (No.SZXK2020081) by the Shenzhen Health Ministry  ***(Amount: RMB 3,500,000)*** |
| 2022 | RGC 2021-2022 (17116922) Effect of empagliflozin on progression of left ventricular hypertrophy and myocardial dysfunction in patients with aortic stenosis: a randomized double-blind placebo-controlled trial (**Amount: HK$762,224**) |
| 2022 | NSFC 2021-2022 (82270400) 生物素酰胺酶调控LARP7-SIRT1通路对糖尿病合并射血分数保留心衰的保护作用及机制研究. ***(Amount: RMB 520,000)*** |

**i(b). RGC AND EXTERNAL COMPEITIVE GRANT (as Co-Investigator)**

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| 2011 | General Research Fund (GRF): Attenuation of Left Ventricular Remodeling and Improvement of Myocardial Function with Spinal Cord Stimulation in Post-myocardial Infarction Heart Failure ***(Amount: HK$1,010,000)*** |
| 2017 | Radiology Society of North America: Cardiac Magnetic Resonance for Asymptomatic Type 2 Diabetics with Cardiovascular High Risk (CATCH) - Pilot Study  ***(Amount: US$66,490)*** |
| 2018 | S.K. Yee Medical Foundation - General Award: Free Cardiac MRI for Sick and Poor Patients  ***(Amount: HK$600,000)*** |
| 2018 | Health and Medical Research Fund (HMRF): Cardiac Magnetic Resonance Assessment of Heart Failure with Preserved Ejection Fraction  ***(Amount: HK$1,193,724)*** |
| 2019  2019 | Small Equipment Grant: MRI compatible Cycle Ergometer to create Exercise Induced Stress Response for Cardiac Disease Research  (***Amount: HK$991,200***)  Health and Medical Research Fund (HMRF): Stress cardiac magnetic resonance of asymptomatic type 2 diabetics with cardiovascular high risk to measure empagliflozin impact on myocardial blood flow (CATCH-EM)  (***Amount: HK$1,457,257***) |
| 2021 | Health and Medical Research Fund (HMRF): What is optimal blood pressure target for antihypertensive treatment? A target randomised controlled trial emulation using big data  ***(Amount: HK$925,260)*** |
| 2022 | Health and Medical Research Fund (HMRF): Establishing normovolemia in heart failure according to the measurement of blood volume and the Frank-Starling Law of the heart  ***(Amount: HK$1,445,800)*** |
|  |  |

**ii. PRIVATE FUND AND INDUSTRY (as Principal Investigator)**

|  |  |
| --- | --- |
| 2009 | Sun Chieh Yeh Heart Foundation: Vascular Function, Biochemical markers and Coronary Calcification in Patients with Psoriasis (***Amount: HK$200,000***) |
| 2015  2020 | Sun Chieh Yeh Heart Foundation: Prevalence and Contributing Factors for Pacemakers induced Tricuspid Regurgitation  (***Amount: HK$1,200,000***)  Sun Chieh Yeh Heart Foundation: A prospective study to evaluate the changes of right ventricular longitudinal strain in patients with stage B and C heart failure after one-year follow up  ***(Amount: HK$1,200,000)*** |
| 2021 | Novartis Pharmaceuticals (HK) Ltd.: The impact of body mass index and left ventricular mass and diastolic function in patients from stage B to stage C heart failure with preserved ejection fraction: A prospective study echocardiographic study ***(Amount: USD100,000)*** |
|  |  |

**VI. OTHER EVIDENCE OF INTERNATIONAL/REGIONAL STANDING AND LEADERSHIP**

**i. ORGANIZER OF INTERNATIONAL AND REGIONAL MEETING**

|  |  |
| --- | --- |
| 2013 | Co-Chairman  8th International Symposium on Healthy Aging –  How to Age with Finesse |
| 2013 | Faculty Member  Asia-Pacific Heart Rhythm Society |
| 2013 | Organizing Committee  17th Annual Scientific Meeting of the ICSM |
| 2014 | Co-Chairman  9th International Symposium on Healthy Aging –  Aging with Confidence |
| 2014 | Co-Chairman  18th Annual Scientific Meeting of the ICSM |
| 2015 | Co-Chairman  10th International Symposium on Healthy Aging –  A Decade of Healthy Aging |
| 2015 | Co-Chairman  19th Annual Scientific Meeting of the ICSM |
| 2015 | Faculty Member  CardioRhythm 2015 |
| 2016 | Co-Chairman  20th Annual Scientific Meeting of the ICSM |
| 2018 | Co-Chairman  22nd Annual Scientific Meeting of the ICSM |
| 2018 | 3rd International Cardiovascular Conference, The University of Hong Kong-Shenzhen Hospital |
| 2019 | Faculty Member  Hong Kong Medical Forum |
| 2019 | Chairman  24th Medical Research Conference  Department of Medicine, The University of Hong Kong |
| 2019 | Chairman  4th International Cardiovascular Conference, The University of Hong Kong-Shenzhen Hospital |
| 2020 | Chairman  The Sanming Project Conference of HKU-SZH Cardiology & PCIC |
|  |  |
| 2021 | Co-Chairman  24th Annual Scientific Meeting of the ICSM |

2022 Chairman

16th International Symposium on Healthy Aging,

2022 Chairman

25th Annual Scientific Meeting of the ICSM

2022 Faculty Member

Great Wall International Congress of Cardiology

2022 Chairman

27th Medical Hong Kong Medical Forum

Department of Medicine, The University of Hong Kong

**ii. ADVISORY BOARD AND REGIONAL COORDINATOR IN INTERNATIONAL MULTICENTER RESEARCH**

|  |  |
| --- | --- |
| 2012 | Advisory Board Member  Sanofi, Optimize Rhythm Control Management |
| 2015 | Advisory Board Member  Boehringer-Ingelheim, Hong Kong Empagliflozin |
| 2015 | Advisory Board Member  Stroke Prevention in Atrial Fibrillation |
| 2015 – Present | Advisory Board Member  Hs-TnI clinical application: Asia Pacific |
| 2015 – Present | Vice-chairman  Shenzhen Cardiologist Association |
| 2015 – Present | Committee Member  Guangdong Provincial Interventional Electrophysiologist Association |
| 2015 – Present | Committee Member  National Association of Atherosclerosis, China |
| 2017 – Present | Steering Board Member and Regional Coordinator  Acute Coronary Triage on Risk Index System Computation |
| 2017 | Advisory Board Member  Abbott, Asia Pacific, Fractional Flow Reserve |
| 2019 – Present  2019 – Present | President  Precision Cardiovascular Imaging Center  The University of Hong Kong  Subcommittee member  Clinical Pharmacology & Therapeutics  Hog Kong College of Physicians |

1. Advisory Board Meeting

# Addressing Clinical Gaps in the Diagnosis and Management of

**Iron Deficiency in Patients with Heart Failure in Asia**

**iii. REVIEWER OF INTERNATIONAL JOURNAL**

1. *Internal Medicine (3):*

Journal of Internal Medicine, PLoS One, The Hong Kong Medical Journal

2. *Cardiovascular Medicine (8):*

American Journal of Cardiology, Atherosclerosis, Journal of Human Hypertension, Journal of Cardiovascular Translational Research, Pacing and Clinical Electrophysiology, BMC Cardiovascular Disorders

3. *Others (7):*

Journal of Clinical Endocrinology and Metabolism, Journal of Investigative Dermatology, Rheumatology (Oxford), Clinical Experimental Rheumatology, Cardiovascular Diabetology, Journal of the European Academy of Dermatology and Venereology, Journal of Rheumatology, Antioxidant

**TEACHING AND LEARNING**

**I. UNDERGRADUATE TEACHING**

|  |  |
| --- | --- |
| 2011 – Present | Chief-Coordinator  Clinical Skill Teaching Session on Cardiovascular Examination for Year 3 Medical Student |
| 2011 – 2012 | Project Supervisor  Year 3 Medical Student Health Related Project:  “A Cross-Sectional Study on the Knowledge and Attitudes of Medical Students Regarding First Aid - **Best Project** |
| 2012 – 2013 | Project Supervisor  Year 3 Medical Student Health Related Project:  “Mortality of Patients with Previous Tuberculosis Infection: A Population-Based Study in Hong Kong.” |
| 2013 – 2014 | Project Supervisor  Year 3 Medical Student Health Related Project:  “Determinants of thromboembolic events in patients undergoing valvular heart surgery: implication of concomitant left atrial appendage ligation and radiofrequency ablation.” |
| 2017 – Present | Assistant Hospital Chief Executive of HKUSZH responsible for new programme development of the following undergraduate teaching activities:   1. MBBS year 4 students 2-days visit: The visit includes introduction of the healthcare system of China, clinical attachments of different specialties and debriefing session for in-depth discussion of their experience of the HKUSZH visit (220 students per year) 2. MBBS year 5 students visit for orthopedics and O&G department clinical attachment (430 students per year) 3. Nursing, pharmacology and Chinese medicine students, varying from 1-5 days visit to the respective department for clinical attachment (80 students/year) 4. Summer attachment clinical programme for MBBS students (10 students per year) |
| 2020- Present | Supervisor  **Miss Lam Lok Yee Jane, MBBS Year 2** student Research Internship Scheme Project Title: “Non-invasive fractional flow reserve (FFR) in patients undergoing percutaneous coronary intervention (PCI) in Hong Kong” (Full time summer) |
| 2020- Present | Supervisor  **Miss Li Kwan Yu, MBBS Year 2** student Research Internship Scheme Project Title: “Flash-factional flow reserve in Hong Kong” (Full time summer) |
| 2020- Present | Supervisor  **Mr Li Hang Long Ron, MBBS Year 4** student Research attachment under voluntary type, Project Title: “Temporal trends and patterns of infective endocarditis in a Chinese population: A territory-wide Study (2002-2019)” |
|  |  |
| 2020- Present | Supervisor  **Mr Leung Ka Lam Calvin, MBBS Year 4** student Research attachment under voluntary type, Project Title: “Flash-factional flow reserve in Hong Kong” |
| 2021- Present | Supervisor  **Mr Tsui Lok Him, MBBS Year 5** student Research attachment under voluntary type, Project Title: “Prognostic value of left atrial strain on patients with severe aortic stenosis who received AVR” |
| 2021- Present | Supervisor  **Miss Hon Wing Lam Nicole, MBBS Year 5** student Research attachment under voluntary type, Project Title: “Pregnancy in women with Tetralogy of Fallot: Outcomes and echocardiographic assessment” |
|  |  |
| 2021-Present | Supervisor  **Mr Wong Tze Ho, MBBS Year 4** student Research Internship Scheme Project Title: “Valvular heart disease” (Part time 2021-2022) |
| 2021-Present | Supervisor  **Mr Lee Shing Him Matthew, MBBS Year 4** student Research Internship Scheme Project Title: “Valvular heart disease” (Part time 2021-2022) |
|  |  |
| 2021- Present | Supervisor  **Miss Hung Denise, MBBS Year 3** student Enrichment Year Scheme Project Title:” Prognostic value of blood inflammatory markers in patients undergoing valvular heart surgery” (Full time 2021-2022) |
|  |  |
| 2021- Present | Supervisor  **Miss Ting Bik Yu Louise, MBBS Year 3** student Research attachment Project Title:” Association between cardiovascular complications and Tetralogy of Fallot patients” (Part time 2021-2022) |
|  |  |
| 2021- Present | Supervisor  **Mr Man Chung Chun, MBBS Year 5** student Research attachment under voluntary type, Project Title: “Cardiovascular risks in osteoarthritis patients with the use of statins” |
| 2021- Present | Supervisor  **Mr Chui Sing Hong Ernest, MBBS Year 4** student Research attachment under voluntary type, Project Title: “Association between left atrial, right ventricular dysfunction and diabetic cardiomyopathy by echocardiography and strain analysis” |
| Jan 2022 – Feb 2022 | Supervisor  **Cheung Nga Man, MBBS Year 5** student Research attachment under MBBS Elective in Jan/Feb 2022 (Self-initiated module), Project Title: “ Association between solar exposure, vitamin D and myocardial dysfunction in HFpEF patients” |

**II. POSTGRADUATE TEACHING**

|  |  |
| --- | --- |
| 2012 – 2014 | Primary Supervisor  **Mr Wong Arthur**, Full-time **MPhil** student in Cardiology (Type B) - Relationship between Uric Acid and Cardiovascular Manifestation |
| 2013 – 2015 | Co-Supervisor  **Dr Zhen Zhe**, Full Time **MPhil** student in Cardiology (Type B) - Stem Cell based Regenerative Medicine |
| 2013 – 2018 | Primary Supervisor  **Dr Chen Yan**, Full Time **PhD** student in Cardiology (Type B) - Clinical Implication of Tricuspid Regurgitation |
| 2015 – Present | Advisor  **PhD** candidates with the Electrical and Electronic Engineering Department |
| 2017 – 2019  2017 – 2019 | Primary Supervisor  **Miss Yu Yujuan**, Full time **MPhil** in Cardiology (Type B) - 3D Echocardiography in Pacemaker related Tricuspid regurgitation  Co-Supervisor  **Miss Zhou Wenli**, **MPhil** student in Department of Diagnostic Radiology |
| 2017 – 2020 | Co-Supervisor  **Miss Jiang Yu**, Full Time **PhD** student in Cardiology (Type B) - Stem Cell based Regenerative Medicine |
| 2017 – Present | Co-Supervisor  **Miss Wei Rui**, Full Time **PhD** student in Cardiology (Type B) - Stem Cell based Regenerative Medicine |
|  |  |
| 2019 – 2021  2019 – Present  2019 – Present | Primary Supervisor  **Miss Yu Yujuan**, Full time **PhD** student in Cardiology (Type B)  Primary Supervisor  **Miss Wu Meizhen**, Full time **PhD** student in Cardiology (Type B)  Primary Supervisor  **Mrs. Ren Qingwen**, Full time **PhD** student in Cardiology (Type B) |
| 2020 – Present | Principal Supervisor  **Miss Tse Yi Kei Stephanie**, Full time **Master of Research in Medicine** Thesis: “Natural progression and predictive models for dual valvular lesion” |
| 2020 – Present  2021 – Present | Principal Supervisor  **Mr. Yu Si Yeung**, Full time **Master of Research in Medicine** Thesis: “Predictors of adverse events following valvular heart surgery: Chinese Valvular Heart Disease Study”  Primary Supervisor  **Miss. Huang Jiayi**, Full time **PhD** student in Cardiology (Type B) |

**III. CLINICAL TRAINEES/FELLOWS/RESEARCH ASSOCIATE TEACHING**

|  |  |
| --- | --- |
| 2012 – 2013 | Supervisor  **Dr. Lijun Pu**, Department of Medicine, Affiliated Hospital of North Sichuan Medical College, **Dr. Cheng Yu Tung Fellowships** |
| 2016 – Present | Supervisor  **Dr. Will Chan**, Department of Medicine, Queen Mary Hospital, **Cardiology trainee** |
| 2016 – Present | Supervisor  **Dr. Johnathan Fang**, Department of Medicine, Queen Mary Hospital, **Cardiology trainee** |
| 2017 – 2018  2018 – 2019 | Supervisor  **Dr. Yingxian Liu**, Department of Medicine, Peking Union Medical College Hospital, **Dr. Cheng Yu Tung Fellowships**  Supervisor  **Dr. Chen Ying Ying**, Department of Cardiovascular and Geriatrics, Shenzhen Traditional Chinese Medical Hospital, **Visiting Scholar** |
| 2022 – Present | Supervisor  **Dr. Cheang Iok Fai**, Department of Cardiology, Jiangsu Province Hospital, The First Affiliated Hospital of Nanjing Medical University, **Honorary Research Associate** |

**IV. UNDERGRADUATE EXAMINATION**

|  |  |
| --- | --- |
| 2011 – Present | Internal Examiner  MBBS I-II OSCE Examination |
| 2011 – Present | Internal Examiner  MBBS III Formative Examination |
| 2013 – Present | Internal Examiner  BChiMed Examination |
| 2014 – Present | Internal Examiner  BDS Assessment |
| 2014 – 2016 | Chief Organizer  Final MBBS Clinical Examination in Medicine (OSCE) |
| 2016 – Present | Internal Examiner  MBBS Final OSCE Examination |

**V. POSTGRADUATE EXAMINATION**

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| --- | --- |
| 2016 | Internal Examiner  **Dr Jiao Fangfang**, **PhD** Thesis: “Cost-Effectiveness Analysis of the Multidisciplinary Risk Assessment and Management Program for Chinese Patients with Diabetes Mellitus in Primary Care of the Hospital Authority” |
| 2018 | Internal Examiner  **Dr Li Wing Yi Vivian**, **PhD** Thesis: “Novel Echocardiographic Interrogation of Cardiovascular Performance in Long-Term Survivors of Childhood Cancers” |
| 2018 | Internal Examiner  **Miss Melody Chan**, **MPhil** Thesis: “Genetic and metabolic determinants of LDL in familial hypercholesterolemia.” |
| 2019 | TEC Chairperson  **Miss Fung Wing Tung Japio**, **MPhil** Thesis: “Cost-effectiveness analysis of biologics and biosimilars & pathway-based meta-analysis of transcriptomics: A quantitative synthesis of psoriasis studies” |
| 2019 | TEC Chairperson  **Miss Gu Pan**, **PhD** Thesis: “The epigenetic regulations in peripheral neuropathic pain in mice” |
| 2019 | Internal Examiner  **Dr Chan Ngai Yin**, **MD** Thesis: “Cryoablation in supraventricular arrhythmia and atrial fibrillation” |
| 2020 | Internal Examiner  **Dr Lui Mei Sze Macy**, **MD** Thesis: “relationship of Obstructive Sleep Apnea, Alternations in Vascular Biomarkers and Cardio-metabolic Diseases” |
| 2022 | TEC Chairperson  **Mr Yuen Tsz Tai, PhD** Thesis: “Investigation on the pathogenesis and novel intervention targets on severe acute respiratory syndrome coronavirus 2 infection” |
| 2022 | TEC Chairperson  **Mr Mui Wing Lun, PhD** Thesis, ”Early Prediction of therapeutic response by functional assessments with magnetic resonance simulator in nasopharyngeal carcina” |

**VI. SUPERVISION OF RESEARCH TEAM MEMBERS REGARDING**

**ABSTRACTS ACCEPTED IN LOCAL/ INTERNATIONAL CONFERENCE**

|  |  |
| --- | --- |
| 2021 | Supervisor  26th Medical Research Conference (Hong Kong)  **Miss Li Kwan Yu, MBBS 3 Student**  Li KY, Lam LY, Leung KL, Yu SY, Wu MZ, Ren QW, Wong PF,  Tse YK, Yu SY, Li HL, **Yiu KH**. Title: Clinical outcomes in stable  coronary artery disease treated with optimal medical therapy alone  based on a novel index: Computational pressure-flow dynamics  derived fractional flow reserve. ***(Oral Presentation: Best oral presentation award)*** |
| 2021 | Supervisor  26th Medical Research Conference (Hong Kong)  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Yu SY, Wong PF, Yu SY, Tse YK, Lam LY, Wu MZ, Ren QW, **Yiu KH**. Title: Outcomes and microbiology in patients with  infective endocarditis in Hong Kong 1996 – 2019. (E-Poster oral presentation) |
| 2021 | Supervisor  26th Medical Research Conference (Hong Kong)  **Miss Lam Lok Yee Jane, MBBS 3 Student**  Lam LY, Leung KL, Li KY, Yu SY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SY, Li HL, **Yiu KH**. Title: Clinical outcome following  percutaneous coronary intervention in stable coronary artery disease based on a novel index: Computational pressure-flow dynamic derived fractional flow reserve. (E-Poster Presentation) |
| 2021 | Supervisor  26th Medical Research Conference (Hong Kong)  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Yu YJ, Wu MZ, Yu SYA, Li HL, Wong PF, Ren QW, Yu  SYS, Lam LY, Li KY, Leung KL, **Yiu KH**. Title: Prognostic value  of right ventricular remodeling and function in patients undergoing  concomitant mitral and aortic valve surgery. (E-Poster Presentation) |
| 2021 | Supervisor  26th Medical Research Conference (Hong Kong)  **Mr. Yu Si Yeung, MBBS 3 Student**  Yu SYS, Li HL, Wong PF, Yu SYA, Tse YK, Leung KL, Li KY, Lam LY, Wu MZ, Ren QW, Yiu KH. Title: Association of Statin with 1-Year Mortality in Patients with Infective Endocarditis. (E-Poster Presentation) |
| 2021 | Supervisor  26th Medical Research Conference (Hong Kong)  **Miss Yu Shuk Yin, Research Nurse**  Yu SY, Chen Y, Yu YJ, Wu MZ, Ren QW, Ho YC, **Yiu KH**. Title:  Prognostic value of cirrhotic features detected by ultrasound in patients undergoing tricuspid annuloplasty. (E-Poster Presentation) |
| 2021 | Supervisor  26th Medical Research Conference (Hong Kong)  **Miss Ren Qingwen, Year 1 PhD student**  Ren QW, Yu SY, Teng THK, XL, Cheung KS, Wu MZ, Li HL,  Wong PF, Tse HF, Lam SPC, **Yiu KH**. Title: Statin is associated  with lower cancer risk and cancer-related mortality in patients with  heart failure: A territory-wide study. (E-Poster Presentation) |
| 2021 | Supervisor  American College of Cardiology Scientific Session (ACC.21)  **Miss Lam Lok Yee Jane, MBBS 3 Student**  Lam LY, Leung KL, Li KY, Yu SY, Wu MZ, Ren QW, Wong PF,  Tse YK, Yu SY, Li HL, **Yiu KH**. Title: Clinical outcome following  percutaneous coronary intervention in stable coronary artery disease based on a novel index: Computational pressure-flow dynamic derived fractional flow reserve. (Poster Presentation) |
|  |  |
| 2021 | Supervisor  American College of Cardiology Scientific Session (ACC.21)  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Yu YJ, Li HL, Wu MZ, Ren QW, Chen Y, Yu SY, Wong  PF, Yu SYS, Lam LY, Li KY, Leung KL, Tse HF, **Yiu KH**. Title:  Prognostic value of right ventricular remodeling and function in  patients undergoing concomitant aortic and mitral valve surgery.  (Poster Presentation) |
| 2021 | Supervisor  American College of Cardiology Scientific Session (ACC.21)  **Mr. Leung Ka Lam Calvin, MBBS 5 Student**  Leung KL, Lam LY, Li KY, Yu SYA, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SYS, Li HL, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Clinical outcome following PCI in non-ischemic stable coronary artery disease based on a novel index: computational pressure-flow dynamics derived fractional flow reserve. (Poster Presentation) |
|  |  |
| 2021 | Supervisor  American College of Cardiology Scientific Session (ACC.21)  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Yu SYS, Wong PF, Yu SYA, Tse YK, Lam LY, Wu MZ, Ren QW, **Yiu KH**. Title: Aspirin reduced the risk of death in patients with infective endocarditis. (Oral Presentation) |
|  |  |
| 2021 | Supervisor  American College of Cardiology Scientific Session (ACC.21)  **Mr. Yu Si Yeung, MBBS 3 Student**  Yu SYS, Li HL, Wong PF, Yu SYA, Tse YK, Lam LY, Wu MZ, Ren QW, **Yiu KH**. Title: Association of statin with 1-year mortality in patients with infective endocarditis (Poster Presentation) |
| 2021 | Supervisor  ESC Heart Failure |
|  | **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Li HL, Yu SY, Wu MZ, Ren QW, Yu YJ, Chen Y, Yu SY, Wong PF, Lam LY, Li KY, Leung KL, **Yiu KH**. Title: Prognostic Role of Combined Hepatorenal Dysfunction and Malnutrition in Patients undergoing Valvular Heart Surgery (Oral Presentation) |
| 2021 | Supervisor  ESC Heart Failure  **Mr. Leung Ka Lam Calvin, MBBS 5 Student**  Leung KL, Lam LY, Li KY, Yu SYA, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SYS, Li HL, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Heart failure related outcomes following percutaneous coronary intervention in STEMI patients based on a novel index: computational fluid dynamics derived fractional flow reserve. (Oral Presentation) |
|  |  |
| 2021 | Supervisor  ESC Heart Failure  **Miss Ren Qingwen, Year 1 PhD student**  Ren QW, Yu SY, Teng TH, Li X, Cheung KS, Wu MZ, Li HL, Wong PF, Tse HF, Lam SP, **Yiu KH**. Title: Statin is associated with lower cancer risk and cancer related mortality in patients with heart failure: A territory-wide study. (Poster Presentation) |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Li Kwan Yu, MBBS 3 Student**  Li KY, Lam LY, Leung KL, Yu SY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SY, Li HL, Feng YD, Huo YL, **Yiu KH**. Title: 3-year outcomes in patients with stable coronary artery disease treated with optimal medical therapy with optimal medical therapy alone based on a novel index: Computational pressure-flow dynamics derived fractional flow reserve (Poster Presentation) |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Lam Lok Yee Jane, MBBS 3 Student**  Lam LY, Leung KL, Li KY, Wu MZ, Ren QW, Yu SYA, Wong PF, Li HL, Tse YK, Yu SYS, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Heart Failure Hospitalization and Related Mortality Following Percutaneous Coronary Intervention in Ischemic Stable Coronary Artery Disease Based on a Novel Index: Computational Pressure-Flow Dynamics Derived Fractional Flow Reserve (Best Poster Presentation) |
|  |  |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Lam Lok Yee Jane, MBBS 3 Student**  Lam LY, Leung KL, Li KY, Yu SY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SY, Li HL, HF Tse, **Yiu KH**. Title: Integration of global caFFR and per-vessel caFFR for improved risk stratification in stable coronary artery disease patients without ischemia (Best Poster Presentation) |
|  |  |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Lam Lok Yee Jane, MBBS 3 Student**  Lam LY, Leung KL, Li KY, Wu MZ, Ren QW, Yu SYA, Wong PF, Li HL, Tse YK, Yu SYS, Feng YD, Huo YL, Tse HF, **Yiu KH**.  Title: Clinical outcome following percutaneous coronary intervention in stable coronary artery disease based on a novel index: computational pressure-flow dynamics derived fractional flow reserve (Poster Presentation) |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Lam Lok Yee Jane, MBBS 3 Student**  LAM LY, Leung KL, Li KY, Yu SY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SY, Li HL, HF Tse, **Yiu KH**. Title: Revascularization vs Optimal Medical Therapy for Coronary Stenosis with Grey-Zone caFFR (Poster Presentation) |
|  |  |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Lam Lok Yee Jane, MBBS 3 Student**  Lam LY, Leung KL, Li KY, Wu MZ, Ren QW, Yu SYA, Wong PF, Li HL, Tse YK, Yu SYS, Feng Y, Huo Y, Tse HF, **Yiu KH**. Title: Long-Term Prognostic Implications of Percutaneous Coronary Intervention in Acute Coronary Syndrome Patients with Intermediate Lesions that are Non-Ischemic on the Basis of Computational Pressure-Flow Dynamics Derived Fractional Flow Reserve (Poster Presentation) |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Li HL, Yu SY, Wu MZ, Ren QW, Chen Y, Yu SY, Wong PF, Lam LY, Li KY, Leung KL, Tse HF, **Yiu KH**. Title: Prognostic Value Of Combined Hepatorenal Dysfunction And Malnutrition In Patients Undergoing Valvular Heart Surgery (Poster Presentation) |
|  |  |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Li HL, Yu SY, Wu MZ, Ren QW, Chen Y, Yu SY, Wong PF, Lam LY, Li KY, Leung KL, Tse HF, **Yiu KH**. Title: Contemporary Trends And Outcomes Of Valvular Interventions In Hong Kong, 2001-2019 (Poster Presentation) |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Li HL, Yu SY, Wu MZ, Ren QW, Chen Y, Yu SY, Wong PF, Lam LY, Li KY, Leung KL, Tse HF, **Yiu KH**. Title: Predictors And Prognostic Implications of Residual Tricuspid Regurgitation After Tricuspid Annuloplasty (Poster Presentation) |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Mr. Tsui Lok Him, MBBS 4 Student**  Tsui LH, Tse YK, Yu SY, Tse HF, **Yiu KH**. Title: Prognostic value of pre-operative left atrial strain on all-cause mortality in patients who received aortic valve replacement for severe aortic stenosis ***(Oral Abstracts Presentation: The best oral abstract award)*** |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Mr. Leung Ka Lam Calvin, MBBS 5 Student**  Leung KL, Lam LY, Li KY, Yu SYA, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SYS, Li HL, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Clinical significance of per-vessel treatment adherence in stable coronary artery disease based on a novel index: computational pressure-flow dynamics derived fractional flow reserve (Poster Presentation) |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Mr. Leung Ka Lam Calvin, MBBS 5 Student**  Leung KL, Lam LY, Li KY, Yu SYA, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SYS, Li HL, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Heart failure outcomes following percutaneous coronary intervention in ST-elevation myocardial infarction patients based on a novel index: computational pressure-flow dynamics derived fractional flow reserve (Poster Presentation) |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Mr. Leung Ka Lam Calvin, MBBS 5 Student**  Leung KL, Lam LY, Li KY, Yu SYA, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SYS, Li HL, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Heart failure outcomes after percutaneous coronary intervention in non-ischemic stable coronary artery disease patients based on a novel index: computational pressure-flow dynamics derived fractional flow reserve (Poster Presentation) |
|  |  |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Yu SY, Tse YK, Wu MZ, Ren QW, Yu SY, Wong PF, Tse HF, **Yiu KH**. Title: Epidemiology of infective endocarditis in Hong Kong, 2000-2019 (Poster Presentation) |
|  |  |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Ren QW, Wu MZ, Yu SY, Leung KLC, Yu SY, Wong PF, Li KY, Lam LY, Tse HF, **Yiu KH**. Title: The evolving characteristics and outcomes of acute myocardial infarction in Hong Kong, 1999 – 2018 (Best poster Presentation) |
|  |  |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Yu SY, Wu MZ, Ren QW, Leung KLC, Li KY, Yu SY, Wong PF, Lam LY, Tse HF, **Yiu KH**. Title: Microbiology of infective endocarditis in Hong Kong from 2000 – 2019: A 20-year analysis. (Best Poster Presentation) |
|  |  |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Yu SY, Ren QW, Wu MZ, Leung KLC, Li KY, Yu SY, Wong PF, Lam LY, Tse HF, **Yiu KH**. Title: Survival benefits and optimal timing for surgical intervention for infective endocarditis (Best poster Presentation) |
|  |  |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Ren QW, Wu MZ, Li KY, Yu SY, Leung KLC, Yu SY, Wong PF, Lam LY, Tse HF, **Yiu KH**. Title: Trends and sex differences in characteristics and outcomes in myocardial infarction: a 20-year analysis (Poster presentation) |
|  |  |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Ren Qingwen, Year 2 PhD student**  Ren QW, Tse QW, Li HL, Yu SY, Wu MZ, Wong PF, TSe HF, **Yiu KH**. Title: Statin use is associated with lower risk of new onset dementia in patients with heart failure: a population-based study (Oral Abstracts Presentation) |
| 2021 | Supervisor  29th Annual Scientific Congress (Hong Kong College of Cardiology)  **Miss Wu Meizhen, Year 2 PhD student**  Wu MZ, Yu YJ, Ren QW, Tse HF, **Yiu KH**. Title: Association of pulmonary hypertension with subsequent risks of adverse renal outcomes in patients with type 2 diabetes mellitus (Best Abstracts Presentation) |
| 2021 | Supervisor  ESC Congress  **Miss Li Kwan Yu, MBBS 3 Student**  Li KY, Lam LY, Leung KL, Yu SY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SY, Li HL, Feng YD, Huo YL, **Yiu KH**. Title: Prognostic value of a novel index: Computational pressure-flow dynamics derived fractional flow reserve in patients with stable coronary artery disease treated with optimal medical therapy alone (Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Miss Lam Lok Yee Jane, MBBS 3 Student**  Lam LY, Leung KL, Li KY, Wu MZ, Ren QW, Yu SYA, Wong PF, Li HL, Tse YK, Yu SYS, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Long-term prognostic implications of PCI in ACS patients without ischemia on the basis of computational pressure-flow dynamics derived fractional flow reserve (E-Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Miss Lam Lok Yee Jane, MBBS 3 Student**  Lam LY, Leung KL, Li KY, Wu MZ, Ren QW, Yu SYA, Wong PF, Li HL, Tse YK, Yu SYS, Feng YD, Huo YL, Xu B, Tse HF, **Yiu KH**. Title: Association Between Non-Wire Based Computational Angiography Fractional Flow Reserve Treatment Threshold and Major Adverse Cardiac Events in Patients with Stable Coronary Artery Disease (E-Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Li HL, Yu SY, Wu MZ, Ren QW, Chen Y, Yu SY, Wong PF, Lam LY, Li KY, Leung KL, Tse HF, **Yiu KH**. Title: Prognostic value of longitudinal assessment of hepatorenal function and nutritional status in patients undergoing valvular heart surgery (Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Li HL, Yu SY, Wu MZ, Ren QW, Chen Y, Yu SY, Wong PF, Lam LY, Li KY, Leung KL, Tse HF, **Yiu KH**. Title: Prognostic role of RV geometry and function in patients undergoing double valve surgery (Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Mr. Leung Ka Lam Calvin, MBBS 5 Student**  Leung KL, Lam LY, Li KY, Yu SYA, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SYS, Li HL, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Prognostic value of per-vessel treatment adherence in stable coronary artery disease based on novel computational pressure-flow dynamics derived fractional flow reserve (Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Yu SY, Tse YK, Wu MZ, Ren QW, Tse HF, **Yiu KH**. Title: Epidemiology of infective endocarditis in Hong Kong, 2000-2019 (Oral Presentation) |
| 2021 | Supervisor  ESC Congress  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Yu SY, Wu MZ, Ren QW, Tse HF, **Yiu KH**. Title: Microbiology of infective endocarditis in Hong Kong from 2000 – 2019: A 20-year analysis (Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Yu SY, Wu MZ, Ren QW, Tse HF, **Yiu KH**. Title: Survival benefits and optimal timing for surgical intervention for infective endocarditis (Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Ren QW, Wu MZ, Yu SY, Yu SY, Wong PF, Tse HF, **Yiu KH**. Title: The evolving characteristics and outcomes of acute myocardial infarction in Hong Kong, 1999 – 2018 (Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Ren QW, Wu MZ, Yu SY, Yu SY, Wong PF, Tse HF, **Yiu KH**. Title: Trends and sex differences in characteristics and outcomes in myocardial infarction: a 20-year analysis (Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Miss Ren Qingwen, Year 2 PhD student**  Ren QW, Tse QW, Li HL, Yu SY, Wu MZ, Wong PF, Tse HF, **Yiu KH**. Title: Statin use is associated with lower risk of new onset dementia in patients with heart failure: a population-based study (Poster Presentation) |
| 2021 | Supervisor  ESC Congress  **Miss Wu Meizhen, Year 2 PhD student**  Wu MZ, Yu YJ, Ren QW, Tse HF, **Yiu KH**. Title: Predictive association of pulmonary hypertension with risks of adverse renal outcomes in type 2 diabetes (Poster Presentation) |
| 2021 | Supervisor  Scientific Session 2021, American Heart Association  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Yu SY, Li HL, Wu MZ, Ren QW, Yu SY, Wong PF, Lam LY, Li KY, Leung KL, Tse HF, **Yiu KH**. Title: Biomarker-based risk prediction of adverse outcomes in double valve surgery (Poster presentation) |
|  |  |
| 2021 | Supervisor  Scientific Session 2021, American Heart Association  **Miss Li Kwan Yu, MBBS 3 Student**  Li KY, Lam LY, Leung KL, Ren QW, Wu MZ, Tse YK, Yu SY, Li HL, Wong PF, Yu SY, Feng YD, Huo YL, **Yiu KH**. Title: Prognostic value of a novel index: Computational pressure-flow dynamics derived fractional flow reserve in stable coronary artery disease patients with non-ischemic lesions (Poster Presentation) |
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| 2021 | Supervisor  Scientific Session 2021, American Heart Association  **Miss Li Kwan Yu, MBBS 3 Student**  Li KY, Lam LY, Leung KL, Ren QW, Wu MZ, Tse YK, Yu SY, Li HL, Wong PF, Yu SY, Feng YD, Huo YL, **Yiu KH**. Title: 3-year outcomes in stable coronary artery disease patients with diabetes based on a novel index: Computational pressure-flow dynamics derived fractional flow reserve (Poster Presentation) |
|  |  |
| 2021 | Supervisor  Scientific Session 2021, American Heart Association  **Mr. Yu Si Yeung, MBBS 3 Student**  Yu SY, Li HL, Tse YK, Ren QW, Wu MZ, Li KY, Wong PF, Lam LY, Yu SY, **Yiu KH**. Title: Prognostic value of liver stiffness measurement in patients undergoing left-sided valvular surgery (Poster Presentation) |
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| 2021 | Supervisor  Scientific Session 2021, American Heart Association  **Mr. Yu Si Yeung, MBBS 3 Student**  Yu SY, Li HL, Tse YK, Ren QW, Wu MZ, Li KY, Wong PF, Lam LY, Yu SY, **Yiu KH**. Title: Proteomic Evaluation and biomarker identification in tricuspid regurgitation (Poster Presentation) |
|  |  |
| 2021 | Supervisor  Scientific Session 2021, American Heart Association  **Mr. Leung Ka Lam Calvin, MBBS 5 Student**  Leung KLC, Lam LY, Li KY, Yu SY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SY, Li HL, Feng Y, Huo Y, Tse HF, **Yiu KH**. Title: Prognostic value of computational pressure-flow dynamics derived fractional flow reserve in non-culprit vessels among patients presenting with acute coronary syndrome and multi-vessel disease (Poster Presentation) |
| 2021 | Supervisor  Scientific Session 2021, American Heart Association  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Yu SY, Ren QW, Wu MZ, Li KY, Wong PF, Hon WL, Lam LY, Yu SY, **Yiu KH**. Title: Determinants of death in patients with infective endocarditis: A population attributable risk analysis (Poster Presentation) |
| 2021 | Supervisor  Scientific Session 2021, American Heart Association  **Miss Ren Qingwen, Year 2 PhD student**  Ren QW, Tse YK, Yu SY, Li HL, Wong PF, Wu MZ, **Yiu KH**. Title: Statin use is associated with lower risk of new onset dementia in patients with heart failure: a population-based study (Oral Presentation) |
| 2021 | Supervisor  Scientific Session 2021, American Heart Association  **Miss Wu Meizhen, Year 2 PhD student**  Wu MZ, Ren QW, Tse YK, Yu SY, Li HL, Tse HF, **Yiu KH**. Title: Association between leptin and left ventricular diastolic dysfunction in patients with type 2 diabetes (Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Yu SY, Li HL, Wu MZ, Ren QW, Yu SY, Wong PF, Lam LY, Li KY, Leung KL, Tse HF, **Yiu KH**. Title: A novel biomarker risk score to predict adverse outcomes in double valve surgery (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Yu SY, Li HL, Wu MZ, Ren QW, Yu SY, Wong PF, Lam LY, Li KY, Leung KL, Tse HF, **Yiu KH**. Title: Inflammation and fibrosis as drivers of myocardial remodeling in multiple valvular heart disease (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Ren QW, Wu MZ, Chen Y, Yu SY, Wong PF, Yu SY, Lam LY, Li KY, Leung KL, Li HL, Tse HF, **Yiu KH**. Title: Predictors and prognostic implications of residual tricuspid regurgitation after tricuspid annuloplasty (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Tse Yi Kei Stephanie, MBBS 3 Student**  Tse YK, Ren QW, Wu MZ, Chen Y, Yu SY, Wong PF, Yu SY, Lam LY, Li KY, Leung KL, Li HL, Tse HF, **Yiu KH**. Title: Myocardial remodeling and its progression following concomitant aortic and mitral valve surgery (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Li Kwan Yu, MBBS 3 Student**  Li KY, Lam LY, Leung KL, Wu MZ, Ren QW, Yu SY, Wong PF, Li HL, Tse YK, Yu SY, Tsui LH, Hon WL, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Clinical implications of per-vessel treatment adherence to a novel index: Computational pressure-flow dynamics derived fractional flow reserve in stable coronary artery disease (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Li Kwan Yu, MBBS 3 Student**  Li KY, Lam LY, Leung KL, Wu MZ, Ren QW, Yu SY, Wong PF, Li HL, Tse YK, Yu SY, Tsui LH, Hon WL, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Prognostic value of a novel index: Computational pressure-flow dynamics derived fractional flow reserve in stable coronary artery disease patients with diabetes (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Li Kwan Yu, MBBS 3 Student**  Li KY, Lam LY, Leung KL, Wu MZ, Ren QW, Yu SY, Wong PF, Li HL, Tse YK, Yu SY, Tsui LH, Hon WL, Feng YD, Huo YL, Tse HF, **Yiu KH**. Title: Heart failure hospitalization and related mortality in stable coronary artery disease following deferral of revascularization based on a novel index: Computational pressure-flow dynamics derived fractional flow reserve (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Lam Lok Yee Jane, MBBS 3 Student**  Lam LY, Leung KL, Li KY, Yu SY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SY, Li HL, HF Tse, **Yiu KH**. Title: Long-term prognostic implications of PCI in ACS patients with intermediate lesions that are non-ischemic on the basis of computational pressure-flow dynamics derived fractional flow reserve (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Yu Si Yeung, MBBS 3 Student**  Yu SY, Tse YK, Ren QW, Li HLm Wong PF, Yu SY, **Yiu KH**. Title: Incremental prognostic significance of proteomic biomarkers over clinical and echocardiographic assessment in patients undergoing tricuspid annuloplasty (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Tsui Lok Him, MBBS 4 Student**  Tsui LH, Tse YK, Yu SY, Tse HF, **Yiu KH**. Title: Prognostic value of pre-operative left atrial strain on all-cause mortality in patients who received aortic valve replacement for severe aortic stenosis (E-Poster Presentation) |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Hon Wing Lam, MBBS 4 student**  Hon WLN, Wu MZ, Yu SY, Wong PF, Tse YK, Li HL, Tsui LH, Yu SY, **Yiu KH**. Title: Pregnancy in women with tetralogy of fallot: Outcomes and echocardiographic assessment (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Hon Wing Lam, MBBS 4 student**  Hon WLN, Wu MZ, Yu SY, Wong PF, Tse YK, Li HL, Tsui LH, Yu SY, **Yiu KH**. Title: Value of prenatal cardiovascular magnetic resonance imaging in determining pregnancy risk in repaired tetralogy of fallot patients (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Leung Ka Lam Calvin, MBBS 5 Student**  Leung KLC, Lam LY, Li KY, Yu SY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SY, Li HL, Feng Y, Huo Y, Tse HF, Yiu KH. Title: Heart failure outcomes following PCI in patients with non-ischemic stable coronary artery disease based on a novel index for non-invasive fractional flow reserve estimation (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Leung Ka Lam Calvin, MBBS 5 Student**  Leung KLC, Lam LY, Li KY, Yu SY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SY, Li HL, Feng Y, Huo Y, Tse HF, Yiu KH. Title: Clinical utility of a novel non-invasive fractional flow reserve estimation in non-culprit vessels among patients presenting with acute coronary syndrome and multivessel stenosis (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Ren QW, Wu MZ, Yu SY, Wong PF, Tse HF, **Yiu KH**. Title: A 20-year analysis of the trends and sex differences in characteristics and outcomes in acute myocardial infarction (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Yu SY, Tse YK, Wu MZ, Ren QW, Tse HF, **Yiu KH**. Title: Epidemiology of infective endocarditis in Hong Kong in the past 2 decades ***(English oral competition: 2nd runner up)*** |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Ren QW, Wu MZ, Yu SY, Yu SY, Wong PF, Tse HF, **Yiu KH**. Title: Evolving trends in characteristics and outcomes of patients with acute myocardial infarction in Hong Kong in the past 2 decades (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Ren QW, Wu MZ, Yu SY, Yu SY, Wong PF, Tse HF, Yiu KH. Title: Identifying the leading determinants of deaths in patients with infective endocarditis with a population attributable risk analysis approach (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Yu SY, Wu MZ, Ren QW, Tse HF, **Yiu KH**. Title: Surgical intervention for infective endocarditis: Mortality benefits and optimal timing (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Li Hang Long, MBBS 5 Student**  Li HL, Tse YK, Yu SY, Wu MZ, Ren QW, Leung KL, Li KY, Lam LY, Yu SY, Wong PF, Tse HF, **Yiu KH**. Title: The microbiological characteristics of infective endocarditis in Hong Kong in the past 2 decades (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Ren Qingwen, Year 2 PhD student**  Ren QW, Tse YK, Yu SY, Wong PF, Wu MZ, Li HL, Li XL, Tse HF, **Yiu KH**. Title: Statin use is associated with lower risk of new onset dementia in patients with heart failure: A population-based study (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Ren Qingwen, Year 2 PhD student**  Ren QW, Tse YK, Yu SY, Wong PF, Wu MZ, Li HL, Li XL, Tse HF, **Yiu KH**. Title: Sex differences in the risk of new onset dementia in patients with heart failure: A population-based study (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Wu Meizhen, Year 2 PhD student**  Wu MZ, Yu YJ, Ren QW, Tse YK, Li HL, Yu SY, Yu SY, Wong PF, Lam LY, Tse HF, **Yiu KH**. Title: Association of pulmonary hypertension with subsequent risks of adverse renal outcomes in patients with type 2 diabetes mellitus ***(English oral competition: 2nd runner up)*** |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Miss Wu Meizhen, Year 2 PhD student**  Wu MZ, Chandramouli C, Wong PF, Li HL, Tse YK, Ren QW, Yu SY, Yu SY, Tse HF, Lam SPC, **Yiu KH**. Title: Risk of sepsis and pneumonia in patients initiated on SGLT2 inhibitors and DPP-4 inhibitors (Oral Presentation) |
|  |  |
| 2021 | Supervisor  Great Wall International Congress 2021  **Mr. Wong Pui Fai, Research Assistant**  Wong PF, Wu MZ, Tse YK, Ren QW, Chen Y, Yu SY, Lam LY, Li KW, Leung KL, Tsui LH, Tse HF, **Yiu KH**. Title: Sodium-glucose Co-transporter-2 Inhibitor reduces the Risk of Dementia compared with dipeptidyl peptidase-4 inhibitor: A Territory-wide Study (Oral presentation) |
|  |  |
| 2021 | Supervisor  24th Scientific Meeting, ICSM  **Miss Li Kwan Yu, MBBS 4 Student**  Li KY, Lam LY, Leung KL, Wu MZ, Ren QW, Yu SY, Wong PF, Feng YD, Huo YL, **Yiu KH**. Title: Prognostic value of a novel index: Computational pressure-flow dynamics derived fractional flow reserve in patients with deferred lesions (Oral Presentation) |
|  |  |
| 2021 | Supervisor  24th Scientific Meeting, ICSM  **Miss Tse Yi Kei Stephanie, MBBS 4 Student**  Tse YK, Li HL, Yu SY, Ren QW, Yu SY, Wong PF, Lam LY, Li KY, Leung KL, **Yiu KH**. Title: Multiple biomarker strategy for improved outcome prediction in double valve surgery *(Young Investigator Award)* |
|  |  |
| 2021 | Supervisor  24th Scientific Meeting, ICSM  **Mr. Tsui Lok Him, MBBS 5 Student**  Tsui LH, Wu MZ, Wong PF, Li HL, Yu SY, Tse YK, Ren QW, Yu SY, Tse HF, **Yiu KH**. Title: Prognostic value of pre-operative left atrial strain on composite endpoint in patients received aortic valve replacement for severe aortic stenosis: A prospective cohort study (Poster Presentation) |
|  |  |
| 2021 | Supervisor  24th Scientific Meeting, ICSM  **Miss Hon Wing Lam, MBBS 5 student**  Hon WLN, Wu MZ, Yu SY, Wong PF, Tse YK, Li HL, Tsui LH, Yu SY, **Yiu KH**. Title: Pregnancy in women with tetralogy of fallot: Outcomes and echocardiographic assessment (Poster Presentation) |
|  |  |
| 2021 | Supervisor  24th Scientific Meeting, ICSM  **Mr. Leung Ka Lam Calvin, MBBS 6 Student**  Leung CKL, Lam LY, Li KY, Yu ASY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SSY, Li HL, Feng Y, Huo Y, Tse HF, **Yiu KH**. Title: Clinical significance of a novel angiographic-based index in non-culprit vessels among patients presenting with acute coronary syndrome and concomitant multivessel disease (Poster Presentation) |
|  |  |
| 2021 | Supervisor  24th Scientific Meeting, ICSM  **Mr. Li Hang Long, MBBS 6 Student**  Li HL, Tse YK, Yu SY, Lam LY, Li KY, Lam KL, Hon WLN, Wong PF, Yu SY, **Yiu KH**. Title: Temporal Trends and Patterns of Infective Endocarditis in a Chinese population: A Territory-Wide Study (2002-2019) (Oral Presentation) |
| 2021 | Supervisor  24th Scientific Meeting, ICSM  **Mr. Li Hang Long, MBBS 6 Student**  Li HL, Tse YK, Yu SY, Lam LY, Li KY, Lam KL, Hon WLN, Wong PF, Yu SY, **Yiu KH**. Title: Trends in Cardiovascular Risk in the United States over Two Decades, 1999 – 2018 (Oral Presentation) |
|  |  |
| 2021 | Supervisor  24th Scientific Meeting, ICSM  **Miss Ren Qingwen, Year 3 PhD student**  Ren QW, Teng TWK, Tse YK, Yu SY, Wong PF, Wu MZ, Li HL, Tse HF, **Yiu KH**. Title: Incidence, clinical correlates and associated outcomes of dementia in heart failure: A population-based cohort study (Poster Presentation) |
|  |  |
| 2021 | Supervisor  ESC Asia 2021  **Miss Tse Yi Kei Stephanie, MBBS 4 Student**  Tse YK, Li HL, Ren QW, Wu MZ, **Yiu KH**. Title: Prognostic implications of the proportionality of tricuspid regurgitation in tricuspid annuloplasty ***(Young Investigator Award Competition)*** |
| 2021 | Supervisor  ESC Asia 2021  **Miss Hon Wing Lam, MBBS 5 student**  Hon WL, Wu MZ, Yu SY, Wong PF, Tse YK, Li HL, Tsui LH, Yu SY, **Yiu KH**. Title: Role of prenatal cardiovascular magnetic resonance imaging in determining pregnancy risk in repaired Tetralogy of Fallot patients (Oral Presentation) |
|  |  |
| 2021 | Supervisor  ESC Asia 2021  **Miss Hon Wing Lam, MBBS 5 student**  Hon WL, Wu MZ, Yu SY, Wong PF, Tse YK, Li HL, Tsui LH, Yu SY, **Yiu KH**. Title: Serial echocardiography assessment and clinical outcomes among pregnant women with Tetralogy of Fallot (Oral Presentation) |
|  |  |
| 2021 | Supervisor  ESC Asia 2021  **Mr. Tsui Lok Him, MBBS 5 Student**  Tsui LH, Yiu KH, Tse HF, Lam LY, Leung KLC, Yu SYA, Wu MZ, Ren QW, Wong PF, Tse YK, YU SYS, Li HL, Hon WL, **Yiu KH**. Title: Prognostic value of pre-operative left atrial strain on composite endpoint in patients received aortic valve replacement for severe aortic stenosis: A retrospective cohort study (Oral Presentation) |
|  |  |
| 2021 | Supervisor  ESC Asia 2021  **Miss Wu Meizhen, Year 3 PhD student**  Wu MZ, Teng TH, Tay WT, Ren QW, Wong PF, Tse HF, Lam SP, **Yiu KH**. Title: Chronic kidney disease begets heart failure and vice versa; temporal associations between heart failure events in relation to incident chronic kidney disease (E-Poster Presentation) |
|  |  |
| 2021 | Supervisor  ESC Asia 2021  **Miss Ren Qingwen, Year 3 PhD student**  Ren QW, Teng THK, Wang T, Tse YK, Wong PF, Li HL, Yu SY, Wu MZ, Li XL, Tse HF, Lam CSP, **Yiu KH**. Title: Incidence, clinical correlates and associated outcomes of dementia in heart failure: A population-based cohort study (Oral Presentation) |
|  |  |
| 2021 | Supervisor  Euro Echo 2021  **Miss Tse Yi Kei Stephanie, MBBS 4 Student**  Tse YK, Li HL, Wu MZ, Ren QW, **Yiu KH**. Title: Impact of proportionality of tricuspid regurgitation on outcome after tricuspid annuloplasty (Poster Presentation) |
|  |  |
| 2022 | Supervisor  27th Medical Research Conference (Hong Kong)  **Miss Tse Yi Kei Stephanie, MBBS 4 Student**  Tse YK, Li HL, Ren QW, Wu MZ, Yu SYA, Wong PF, Yu SYS, Lam LY, Li KY, Leung KLC, Tse HF, **Yiu KH**. Title: Biomarker-based risk prediction of heart failure and death in double valve surgery **(Best Oral Abstract Award)** |
|  |  |
| 2022 | Supervisor  27th Medical Research Conference (Hong Kong)  **Mr. Leung Ka Lam Calvin, MBBS 6 Student**  Leung CKL, Lam LY, Li KY, Yu ASY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SSY, Li HL, Feng Y, Huo Y, Tse HF, **Yiu KH**. Title: Clinical outcomes among patients with acute coronary syndrome and concomitant multivessel disease based on a novel angiography-based index in non-culprit vessels **(Best Abstract Award: Poster Presentation in Clinical Research)** |
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| 2022 | Supervisor  27th Medical Research Conference (Hong Kong)  **Miss Li Kwan Yu, MBBS 4 Student**  Li KY, Lam LY, Leung KL, Wu MZ, Ren QW, Yu SY, Tse YK, Li HL, Yu SYA, Wong PF, Feng YD, Huo YL, **Yiu KH**. Title: 3-year outcomes in stable coronary artery disease patients with diabetes based on a novel index: Computational pressure-flow dynamics derived fractional flow reserve (Poster Presentation) |
|  |  |
| 2022 | Supervisor  27th Medical Research Conference (Hong Kong)  **Mr. Li Hang Long, MBBS 6 Student**  Li HL, Tse YK, Yu SY, Leugn KLC, Tse HF, **Yiu KH**. Title: Epidemiology and Microbiology of Infective Endocarditis in Hong Kong, 2002-2019 (Poster Presentation) |
|  |  |
| 2022 | Supervisor  ACC 2022  **Mr. Leung Ka Lam Calvin, MBBS 6 Student**  Leung CKL, Lam LY, Li KY, Yu ASY, Wu MZ, Ren QW, Wong PF, Tse YK, Yu SSY, Li HL, Feng Y, Huo Y, Tse HF, **Yiu KH**. Title: Clinical importance of global ischemia assessment in stable coronary artery disease based on a novel angiography-based index (Poster Presentation) |
|  |  |
| 2022 | Supervisor  EHRA 2022  **Ms. Huang Jiayi, Year 1 PhD Student**  Huang JY, Lip G, Wu MZ, Ren QW, Tse HF, **Yiu KH**. Title: Pre-diabetes increases the risk of heart failure among non-valvular atrial fibrillation population (Poster Presentation) |
|  |  |
| 2022 | Supervisor  Euro PCR 2022  **Miss Hung Denise, MBBS 3 Student**  Hung D, Tse YK, Ren QW, Huang JY, **Yiu KH**. Title: Prognostic values of inflammation and malnutrition in valvular heart surgery |
|  |  |
| 2022 | Supervisor  ACC Asia 2022  **Miss Hung Denise, MBBS 3 Student**  Hung D, Tse YK, Ren QW, Huang JY, **Yiu KH**. Title: Prognostic implications of inflammatory and nutritional status in patients undergoing valvular heart surgery (Oral Presentation) |
|  |  |
| 2022 | Supervisor  ACC Asia 2022  **Mr. Leung Ka Lam Calvin, MBBS 6 Student**  Leung KLC, Lam LY, Li KY, Tse YK, Yu SY, Wong PF, Feng Y, Huo Y, Tse HF, **Yiu KH**. Title: Microvascular dysfunction based on angiography-derived index is associated with increased risk of heart failure related outcomes in patients with non-obstructive coronary artery disease (Pre-recorded PPT presentation) |
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| 2022 | Supervisor  ACC Asia 2022  **Ms. Huang Jiayi, Year 1 PhD Student**  Huang JY, Lip G, Wu MZ, Ren QW, Tse HF, **Yiu KH**. Title: Pre-diabetes increases the risk of heart failure among non-valvular atrial fibrillation population (E-poster Presentation) |
|  |  |
| 2022 | Supervisor  ESC Heart Failure 2022  **Miss Hung Denise, MBBS 3 Student**  Hung D, Tse YK, Ren QW, Huang JY, **Yiu KH**. Title: Long-term prognostic implications of inflammatory and nutritional status in patients undergoing valvular heart surgery (E-Poster Presentation) |
|  |  |
| 2023 | Supervisor  EHRA 2023  **Ms. Huang Jiayi, Year 1 PhD Student**  Huang J; Wu WZ; Ren QW; Tse HF; Lip GYH; **Yiu KH**. Title: Statin use improves the outcomes in patient with atrial fibrillation: A population-based study (Poster Presentation) |
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**KNOWLEDGE EXCHANGE**

1. As the Chief of Cardiology at the HKUSZH since 2012, I have organized numerous seminars/public talk/free consultations to educate the local citizens in Shenzhen to heighten their awareness and understanding of cardiovascular disease.

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| 10/10/2013 | Public talk – Adequate control of blood pressure |
| 15/12/2014 | Public talk – Understanding of atrial fibrillation |
| 09/08/2015 | Free consultation to residents of Harbour City, Shenzhen |
| 06/09/2015 | Public talk – Prevention of coronary artery disease and importance of cardiovascular rehabilitation |
| 15/11/2015 | Free consultation to residents of Whampoa, Shenzhen |
| 19/12/2015 | Public talk – Stroke prevention in patients with atrial fibrillation |
| 05/03/2016 | Public talk – Cardiovascular disease prevention |
| 12/11/2016 | Free consultation to residents of Pin Shen, Shenzhen |
| 23/12/2016 | Public talk – Cardiovascular rehabilitation |
| 28/09/2017 | Public talk – Understanding of atrial fibrillation |
| 23/12/2017 | Public talk – Cardiovascular rehabilitation |
| 12/05/2018 | Free consultation to residents of Lin Fwa, Shenzhen |
| 02/08/2018 | Public talk – Understanding heart failure |
| 01/09/2018 | Public talk – Treatment of heart failure |
| 02/11/2018 | Public talk – Cardiovascular rehabilitation and heart failure |
| 01/01/2019  12/06/2022 | Public talk – Prevention of coronary artery disease and importance of cardiovascular rehabilitation  Public talk – Seminar on Endovascular Imaging in the Guangdong-Hong Kong-Macao Greater Bay Area |

1. Media reports for the cardiology division, HKUSZH

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| 13/05/2016 | Media report – establishment of cardiovascular rehabilitation centre |
| 02/02/2017 | Media report – Prevalence and pattern of hypertension in SZ based on the publication using HKUSZH data |
| 22/05/2018 | Media report – Cardiovascular rehabilitation centre |
| 10/02/2019 | Media report – Obesity in patients with diabetes mellitus based on the publication using HKUSZH data |

1. In collaboration with the EEE department, HKU, I have been awarded the ITF-midstream research programme with over 4 million HKD funding. The fund will enable the development of novel echocardiography technology that will potentially be patented and utilized in commercial use to further improve the accuracy and efficacy of cardiovascular imaging. This also allows knowledge exchange between clinical medicine and engineering to synergize the research potential.
2. At the HKUSZH, I have organized 3 international cardiac conferences (2016-2018) that includes overseas, HK and mainland speakers. Over 400 delegates participated and these conferences provided a unique platform for knowledge exchange, research collaborations opportunities and sharing of up-to-date information to faculties and attendees. Because of the excellent response, this conference will become a yearly event to provide a continuous knowledge exchange opportunity to various parties.
3. At the HKUSZH, I have organized a seminar titled “Current Treatment of Heart Failure 2018” that aims to help heart failure patients and their caregivers by teaching them the signs and symptoms of this disease and the current up-to-date treatment.
4. I have established and led the largest cardiac rehabilitation centre in SZ to provide advance exercise training to patients with cardiac diseases. Local news has reported the success of this programme which led to an increasing number of participants. Further, seminars have been given to cardiac patients and general public to heighten their awareness of heart diseases as well as the importance of regular exercise.
5. On December 15-16, 2018, I have organized the *First Postgraduate Medical Education Forum in Guangdong-Hong Kong-Macau Greater Bay Area: Improving Clinical Teaching Skills of Core Trainers in Resident Training Conference* at the HKUSZH. The host was Chinese Medical Doctor Association (CMDA) and over 600 delegates across the whole of China has participated. This was the first National certificate course held at the Guangdong province which has consolidated the position of the HKUSZH in providing an international platform for post-graduate training for the country.
6. Faculty of Medicine is currently one of the members of the China Consortium of Elite Teaching hospitals since 2015 of which members include the eight top University of China, including PUMCH, Fudan and Beijing University. I am currently one of the Faculty Representatives in the consortium and responsible for sharing the experience from Hong Kong and refining training standards, defining competencies and serving as a national model of residency education for the country.
7. I have recently been invited to become a regional representative of the Global Heart Failure Roundtable (the only Hong Kong representative), an international professional working group to improve the diagnosis, investigations and treatment of patients with heart failure. A collaborative commentary has recently been submitted to The Lancet for consideration. This serves as another evidence to support my international recognition in the field of clinical cardiology.
8. Zoom meeting with Prof. Stefan Blankenberg on the discussion of OLink manuscript on Tricuspid regurgitation on 20 Aug 2021.

**SERVICE AND ADMINISTRATION**

**The University of Hong Kong (University/Faculty/Department)**

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| 2012 – Present | Departmental Radiation Protection Representative |
| 2017 – Present | Director of Institute of Cardiovascular Science and Medicine |

**Collaboration with Hospital Authority of HKSAR (Local)**

* I am current responsible for the collaborative programme with the hospital authority for teaching and education since 2017. Chairman and representatives of specialist committee from internal medicine, orthopedics, and critical care has paid several visits to the hospital.
* The "orthopedic specialist exchange programme", as part of the cooperation with the HKAM, was selected as one of the joint projects in 2nd Guangdong-Hong Kong-Macao Greater Bay Area health conference.
* Our hospital is also invited to participate and share experience regarding teaching and education in the hospital authority seminar each year.

**The University of Hong Kong-Shenzhen Hospital (HKUSZH) (Regional)**

2012 – Consultant, Chief, Division of Cardiology, Department of Medicine

* HKUSZH, a turnkey hospital for hospital reform, is a public hospital in Shenzhen that is operated by HKU. Since its opening, I was the Chief of the Cardiology Division, that oversee the clinical operations in all areas, including ambulatory centre, out-patients, in-patients, cardiac catheterization laboratory and cardio-rehabilitation centre.
* Being one of the tertiary diagnostics and therapeutic centres in Shenzhen, the Cardiology Division is one of the five Area of Excellence of HKUSZH, and aims to become one of the most influential cardiac centres in the region. The division currently has over 20 doctors and 70 nurses that operates a 70-bed general cardiology ward, 8 CCU bed and a cardiac catheterization laboratory that is capable of complex cardiac interventions as well as 24-hour primary percutaneous coronary interventional service.
* In collaboration with the Radiology department, I was the founder and the Director of the *Precision Cardiovascular Imaging Centre* that is responsible for all imaging modalities at the hospital. Currently, we have established a large database including over 10,000 echocardiography, 2000 computed tomography and 500 magnetic resonance imaging for research purpose.

2017 – Assistant Hospital Chief Executive (Teaching and Education)

* Since 2017, I was appointed as Assistant HCE that is responsible for Teaching and Education. Being an affiliated hospital of the Li Ka Shing Faculty of Medicine, HKU. I am responsible for all undergraduates training matters for MBBS, nursing, pharmacy and traditional Chinese medicine students at the HKUSZH.
* I have led and assisted the hospital to obtain as a teaching hospital in Guangdong province in 2017.
* Received more than 100 interns majoring in clinical medicine, nursing and rehabilitation medicine from various famous medical schools including Peking University, Xiangya Medical College, Jinan University, Fujian University of traditional Chinese medicine and other universities in 2018. As of 2019, more than 300 nursing interns have been trained in our hospital.
* The hospital has received more than 80 international students from overseas renowned universities, such as Johns Hopkins University and the University of Nottingham, UK.
* The HKUSZH now serves as a pilot training centre for specialist training for higher residency, in collaboration with the Hong Kong Academy of Medicine.
* Since 2018, our hospital has established an exchange programme for residents with Fudan University Medical School. Altogether, these collaborations with various organizations, both from mainland and overseas, at the HKUSZH serves as a unique platform for knowledge exchange in terms of both undergraduate and postgraduate medical training.
* I am actively facilitating exchange and collaboration with various top-rank mainland institutions including Hunan Xiangya Medical College, Jinan University, Southern University of Science and Technology and Kunming Medical University etc.
* I have led and assisted the hospital to obtain the National Residency Training Centre which includes 18 specialties.
* In March 2018, on behalf of the hospital, I have visited five cities and six elite universities in China (Shanghai Jiao Tong University Medical College, Shanghai Medical College of Fudan University, Zhejiang University Medical College, Xiangya Medical College of Central South University, West China Clinical Medical College of Sichuan University and Peking University Medical Department) to advertise and propaganda resident recruitment. A total of 88 resident doctors were recruited and the number ranking first amongst all Shenzhen hospitals.
* Our team has received visit and supervision of National administrative departments, including the visit of Ms. Yu Qiurong, Director of Science and Education Department of the National Health Commission and visits of leaders of provincial and municipal health committees.
* In May 2018, I have represented the hospital to participate in the National Education seminar in Harbin to promote the national influence of the hospital.
* In May 2018, I have assisted the Shenzhen health commission to organize exit exam for 88 residents in family medicine.
* On December 15-16, 2018, I have organized and successfully undertake “Train the trainer” Postgraduate Medical Education Forum in Greater Bay Area and facilitating the meeting of elite league of teaching hospital.
* I am also responsible for all continuing medication education (CME) projects for the hospital. So far, we have organized 59 National level CMEs, 82 Provincial level CMEs and 73 City level CMEs. Eight of the above were recognized by the health council, approved as international high-level academic conferences, acquiring funding of more than $500,000.

**PUBLIC RELATIONS AND EXTERNAL MEDIA ACTIVITIES**

1. *Invited Speaker*, Hong Kong College of Cardiology Public Health Talk, 2013, “Tips on monitoring cholesterol”
2. *Invited Speaker*, Medical Insurance Association Public Health Talk, 2013, “To stent or not to stent in coronary artery disease”
3. *Invited Speaker*, Hong Kong Psoriasis Patients Association Public Health Talk, 2014, “Psoriasis and cardiovascular disease”
4. *Columnist*, Oriental Daily Newspaper, 2015, “Heart artery bidirectional PCI reduces incidence rate”
5. C*olumnist*, AM 730 Newspaper, 2016, “Diabetic cardiomyopathy”
6. *Interviewee*, Headline Daily, 2017, “Dr Writes: On the stress and struggles in clinical practice”
7. *Columnist*, 21st Century Business Herald, 2017, “Prevalence and pattern of hypertension in Chinese”
8. *Invited Speaker,* Hong Kong Polytechnic University – Public talk with CEO club, 2017, “To stent or not to stent for coronary artery disease”
9. *Columnist*, Oriental Daily Newspaper, Feb 8, 2020, “Needs of stent for patients with serious coronary artery disease”
10. *Interviewee*, HKEJ Editorial Interview 2022, “Ischemic Heart disease/Chronic Stable Angina”
11. *Interviewee*, TVB News 2022, “The first Tyrx antibiotic pocket”
12. *Interviewee*, TVB Vital Lifeline 2022, “Periodontal Disease”
13. *Invited Speaker,* University of Hong Kong – Public Lecture “Talk on Coronary artery disease: To stent or not to stent”