

ANNUAL REPORT

2018-2019



HONG KONG COLLEGE
OF CARDIOLOGY









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President's Message

I firmly believe that the two most important core missions of the Hong Kong College of Cardiology (HKCC) are:

1. to promote and provide top quality scientific education and professional training; and
2. to promote public health education,

so as to bring about better clinical patient care and quality heart health for the people in Hong Kong.

We reorganized and established two committees, the scientific and public health education committees. We are pleased to get the support from many enthusiastic fellows to join our course. They help to share the tremendous workload and bring new ideas. Together, we make College activities more valuable and meaningful.

As we are determined to make the Annual Scientific Congress the flagship cardiovascular conference of the College, we implemented several major changes for 2019. First, a strong and diversified organizing committee was set up in the prior year. The meeting venue was changed to the Hong Kong Convention & Exhibition Centre, and for the first time, with large LED presentation screen. First also we had the joint American College of Cardiology (ACC) – HKCC sessions, clinical cases competitions and cardiology course for general practitioners. Many renowned international and regional experts joined us to provide a highly educational program. The feedbacks from our international faculty and our fellow members were very positive and encouraging. To plan way ahead, we had already fixed the date and venue for ASC 2020 to allow timely invitation for world-class faculty. We had already secured the commitment from European Society of Cardiology (ESC) to have the joint ESC-HKCC session in 2020. We plan to have at least either the joint session with ACC or ESC, or even both, every year.

The College is also proud of organizing and launching the 3-year Hong Kong Core Cardiology Certificate Course, first of its kind, since 2018, for promoting the training and standard of our cardiology professionals. The first four modules were very well attended by members from trainees to senior fellows. The evaluation feedback were consistently rated as excellent. Participants found the course very useful, practical and well organized, and expressed gratefulness to the passionate organizers.

To streamline and improve the efficiency and strength of our many subcommittees, working groups and chapters, some of which have been idle or dormant with little change for years, we consolidated, simplified and revamped many of those. Most of them have now a new look with addition of many young fellows. Moreover, we established general guideline for a finite term of chairmanship for healthier development and succession planning. These subcommittees help to develop and breed for potential devoted College leaders.

The 9th Congregation held on June 1, 2019 marked another historical moment for our College. Over 42 fellows were inducted. We are glad to have additional driving force to help achieve the College goal. The photos taken for our fellows, their colleagues and family recorded well the memorable and joyful time together.

The College launched a new World Heart Day Run for Heart program. The maximum capacity of 2,000 runners was filled up early. We also promoted public awareness of automatic external defibrillation in saving lives. Many fellows enjoyed the healthy day with colleagues and family. I am glad to learn that some of the never-before runner starts to jog regularly since then.

There are other new programs and improvement plans in progress including ACS in Action, our College website, College journal and Jump Rope for Heart School Program. While there are still a lot of areas with room for improvement, we commit to strive for excellence in organizing training and scientific activities. Whether it is our flagship conference, or just an afternoon chapter meeting, we want the delegates feel the time well worth in attending in every single College event.

I am particularly pleased to see more and more fellows and trainees taking active part in the variety of College activities. We pledge to make the College of our members, by our members, and for our members, our patients and the general public.

Lastly, I want to express my gratitude for the wholehearted support from the office bearers, namely CHAN Ngai-Yin, Andy CHAN Wai-Kwong and Godwin LEUNG Tat-Chi, and all council members who are willing to walk extra miles with me to bring our College to a new height. I also want to sincerely thank our College Secretariat, Theresa PAN, Vicki LAU and their assistants in bearing with my high expectations and demands. They always go along with pleasant, cheerful and unfailing support.

Indeed, I am most fortunate and indebted to have such opportunity to serve the Hong Kong College of Cardiology as the President in the last two years.



Dr. LAU Yuk Kong

President

Hong Kong College of Cardiology

August 2019



Report Summary

Since its foundation in 1992, the Hong Kong College of Cardiology has been continuing its mission to promote the advancement of cardiovascular medicine and public health through scientific, professional, educational activities and international collaboration. Its ultimate goal is to promote heart health of Hong Kong people, and to develop and maintain good practice of cardiovascular medicine by ensuring the highest professional standards of competence and ethical integrity.

The 14th Asian Interventional Cardiovascular Therapeutics (AICT) Congress was successfully held on 7 - 9 September 2018, a strong local committee made up of physicians from both HKCC and HKSTENT worked together with the APSIC (Asian Pacific Society of Interventional Cardiology) to build an enriching and relevant scientific programme of highest educational value for participants. The 7th Asian Preventive Cardiology & Cardiac Rehabilitation of Conference Cum 11th Certificate Course in Cardiac Rehabilitation was held on 8-11 November 2018. It provided an excellent opportunity for sharing experience on practical issues of preventive cardiology and cardiac rehabilitation in Hong Kong. The Cardiovascular Interventional Summit 2018 was held on 14-16 December 2018 at the InterContinental Shenzhen, Shenzhen, China, it was one of the main and international intervention meetings of 2018. The 21st South China International Congress of Cardiology (SCC) was held on 10-13 April 2019 at Guangzhou Baiyun International Convention Centre, Guangzhou, China. HKCC members and spouses joined the delegation of Hong Kong College of Cardiology. The 27th Annual Scientific Congress of the College was held on 31 May -2 June 2019. It has a major uplift aiming to become the flagship cardiovascular conference of the College. Many renowned international and regional cardiology experts joined us to provide a highly educational and exciting program including theme-based symposia, joint sessions with American College of Cardiology, clinical cases competitions, abstract & poster presentations and cardiology course for general practitioners. The College continued to organize the Hong Kong Core Cardiology Certificate Course with the Hong Kong Public Hospital Cardiologists Association as co-organizer. Three modules were held on 8 December 2018, 7 April 2019 and 14 July 2019 with excellent response and feedback. The PCI Fellowship Course: The Basics was held on 25 August 2019 to enhance members' training in PCI. The 13th APHRS & CardioRhythm will be held on 7-10 October 2020, the scientific sessions provide an excellent opportunity for participants to remain abreast of the latest developments in the field of heart rhythm management.

To strengthen and enhance the core missions of the College, new and revamped Scientific Committee and Public Health Education Committee were set up to promote scientific education & professional training and to promote public health education in cardiovascular disease management & prevention. Both committees involve many of our younger enthusiastic fellows. Throughout the year, the College and its various chapters have also organized a number of local scientific programmes which were all very well received and attended.

The College has also actively organized and involved in community projects to promote cardiovascular health. The Jump Rope for Heart Program continues its recruitment of school children for promotion of heart health through rope skipping. A number of projects for promotion and study of heart health in the community were also launched. World Heart Day Run For Heart 2019 was successfully held at the Wu Kai Sha Youth Village on 13 May 2019. Over 2000 participants joined the running competition and the carnival. The World Heart Day Carnival and Global Embrace, which is scheduled on 10 November 2019, will make an yearly climax of heart health promotion to the general public.

Regarding professional training, the College continues its active participation and involvement in the Hong Kong Heart Foundation Cardiology Training Fellowship Programme. This programme provides support for local cardiology trainees and fellows to undergo training in world-renowned overseas centres.

The diversified and calendar-full activities organized by the College would not be successful without the dedication and active participation of its members, support of friends and the contribution of leading practitioners and academics both locally and abroad. Hereby the Council would like to take this opportunity to express its gratitude to all our members and supporters, and will pledge to continue its mission with clear strong will in the years to come.



Dr. CHAN Wai Kwong, Andy
Hon. Secretary
Hong Kong College of Cardiology
August 2019

Report on Scientific Activities

14th Asian Interventional Cardiovascular Therapeutics (AICT) Congress

7 - 9 September 2018

Hong Kong Convention and Exhibition Centre

The 14th Asian Interventional Cardiovascular Therapeutics (AICT) Congress was successfully held on 7 - 9 September 2018 at the Hong Kong Convention and Exhibition Centre (HKCEC). It was first organized in Hong Kong and was jointly hosted by Hong Kong College of Cardiology (HKCC) and Hong Kong Society of Transcatheter ENdocardiovascular Therapeutics (HKSTENT). A strong local hosting committee working closely with the Asian Pacific Society of Interventional Cardiology (APSIC) developed an enriching and diversified scientific programme.

Membership of Hong Kong Hosting Committee:

Hosting Committee Co-Chairmen:

Dr. LAU Yuk Kong (HKCC)

Dr. LEE Kang Yin, Michael (HKSTENT)

Scientific Committee Co-Chairmen:

Prof. SIU Chung Wah (HKCC)

Dr. TSUI Kin Lam (HKSTENT)

Committee Members:

Dr. CHAN Chi Kin, William (HKSTENT)

Dr. CHAN Ka Chun, Alan (HKSTENT)

Dr. CHAN Kam Tim (HKCC)

Dr. LI Shu Kin (HKCC)

Dr. TAM Li Wah (HKSTENT)

Dr. TSUI Ping Tim (HKSTENT)

Dr. Thomas TUNGGAL (HKCC)

Prof. YU Cheuk Man (HKCC)

The Congress was attended by 425 participants from 29 countries/ regions. One of the major highlights of the Congress was the Live Cases Demonstrations from Queen Elizabeth Hospital in Hong Kong and Guangdong General Hospital in China. The Opening Ceremony was held on the morning of 8 September 2018 and Mr. Matthew CHEUNG, Chief Secretary for Administration, Government of the Hong Kong Special Administrative Region joined as Guest of Honour of the Ceremony.

The Winners of the Best Clinical Case Competition were:

1. Dr. Deepak AMETA, Fortis JK Hospital Udaipur, India "Anomalous infarct related RCA not cannulated: on-table conversion from primary angioplasty to pharmaco-invasive approach"
2. Dr. CHI Wai Kin, Prince of Wales Hospital, HKSAR "Mother-and-child catheter induced retrograde dissection of the left main coronary artery during optical coherence tomography examination"

The Winners of the Best Abstract Competition were:

1. Dr. CHEUNG Shing Him, Prince of Wales Hospital, HKSAR "Left atrial appendage occlusion (LAAO) under local anaesthesia (LA) and intracardiac echocardiography (ICE) guidance: A case series of 17 patients in a tertiary hospital in Hong Kong"
2. Dr. Sameer MEHTA, Lumen Foundation – Miami, USA "Rolling 600,000 remote patients encounters to STEMI intervention"

7th Asian Preventive Cardiology & Cardiac Rehabilitation Conference Cum 11th Certificate Course in Cardiac Rehabilitation (APCCRC)

8-11 November 2018

Hong Kong Convention and Exhibition Centre

The 7th Asian Preventive Cardiology & Cardiac Rehabilitation Conference Cum 11th Certificate Course in Cardiac Rehabilitation (APCCRC) was successfully held from 8-11 November 2018 at the Hong Kong Convention & Exhibition Centre, Hong Kong. The central theme of the conference was “Towards Further Risk Reduction: Novel Risk Factors, Novel Targets and Novel Tools”. In conjunction with the Conference, the Jump Rope for Heart Public Conference 「跳繩強心公眾研討會暨工作坊」 was held on 11 November 2018 for cardiac patients and their caregivers.

The Honorary Advisory Board included Dr. CHAN Kam Tim, Dr. CHENG Chun Ho, Dr. CHIANG Chung Seung, Dr. KO Tak Him, Patrick, Prof. LAU Chu Pak, Dr. LAU Suet Ting, Dr. LEUNG Kei Pui, Dr. LI Shu Kin, Dr. TSE Tak Fu, Dr. WONG Kwok Yiu, Chris and Prof. YU Cheuk Man.

The Executive Committee Co-Chairmen were Dr. CHAN Ngai Yin and Prof. LI Sheung Wai, Leonard.

The Executive Committee members were Dr. CHAN Hiu Lam, Ronnie, Dr. CHAN Wing Sze, Carmen, Mr. CHENG Tak Lai, Dick, Dr. CHEONG Yan Yue, Adrian Piers, Dr. CHOI Man Chun, Dr. CHOW Siu Lun, Eddie, Dr. CHOY Chi Chung, Dr. FUNG Chi Yan, Raymond, Dr. KWAN Wing Shan, Iris, Dr. KWONG Shu Keung, Dr. LEE Kar Fai, Victor, Dr. LEUNG Wai Suen, Albert, Dr. LI Ying Wah, Andrew and Ms. LIU Kit Han.

Renowned international experts in preventive cardiology and cardiac rehabilitation were invited to share their experience at different symposia of the Conference:

- | | |
|-------------------------------|-----------------|
| 1. Dr. Nay AUNG | United Kingdom |
| 2. Prof. CHEN Ssu Yuan | Taiwan |
| 3. Dr. Mohammad FALLAH | Iran |
| 4. Prof. Roy GARDNER | United Kingdom |
| 5. Prof. Diederick E. GROBBEE | The Netherlands |
| 6. Dr. Visal KANTARATANAKUL | Thailand |
| 7. Prof. Tony KEECH | Australia |
| 8. Dr. Yutaka KIMURA | Japan |
| 9. Dr. Shintaro KINUGAWA | Japan |
| 10. Prof. LI Jian An | China |
| 11. Prof. Patrick MARK | United Kingdom |
| 12. Dr. Mohamad Yatim SAARI | Malaysia |
| 13. Dr. Hirokazu SHIRAISHI | Japan |
| 14. Dr. TAN Swee Yaw | Singapore |
| 15. Dr. Farzaneh TORKAN | Iran |
| 16. Dr. YEO Tee Joo | Singapore |

The conference was fully supported by the following organizations:

1. Asian Pacific Society of Cardiology
2. Care for Your Heart
3. Centre on Behavioral Health
4. China Society of Cardio-pulmonary Prevention and Rehabilitation



5. College of Nursing, Hong Kong
6. Department of Health, Hong Kong SAR
7. Grantham Hospital
8. Hong Kong Association of Rehabilitation Medicine
9. Hong Kong Cardiac Nursing Association Ltd
10. Hong Kong Dietitians Association
11. Hong Kong Heart Foundation Ltd
12. Hong Kong Nutrition Association Ltd
13. Hong Kong Occupational Therapy Association
14. Hong Kong Physiotherapy Association Ltd
15. Li Ka Shing Faculty of Medicine, The University of Hong Kong
16. MEHK (Hong Kong Tourism Board)
17. Our Lady of Maryknoll Hospital
18. Preventive Cardiovascular Nurses Association
19. Princess Margaret Hospital
20. The Hong Kong Society for Rehabilitation

The main highlight of the conference was the Hong Kong Heart Foundation Lecture, presented by Prof. Diederick GROBBEE, Professor of Clinical Epidemiology, University Medical Center Utrecht, The Netherlands and his presentation topic was “The Global Burden of Cardiovascular Disease”. In addition, the 11th Cardiac Rehabilitation Certificate Course with emphasis on practical issues was conducted to provide training for healthcare workers who were involved in cardiac rehabilitation programs. The Opening Ceremony in the afternoon of 10 November 2018 was officiated by Dr. CHUI Tak Yi, Under Secretary for Food and Health, HKSAR. Dr. KO Tak Him, Patrick attended the Opening Ceremony as a Member of the Executive Board of Hong Kong Heart Foundation.

A total of 60 abstracts were received. Twelve were assigned for oral presentations and forty-eight for poster presentations. Six abstracts were short-listed to compete for the Best Paper Awards and two abstracts were selected for Best Paper Awards:

Dr. Suet-Ting Lau Best Paper Award in Cardiac Rehabilitation

Do interactive exergames find their application in Cardiac Rehabilitation? A pilot study

Ms. Edyta SMOLIS BAK, Institute of Cardiology, Warsaw, Poland

Dr. Chu-Pak Lau Best Paper Award in Preventive Cardiology

Use of Frailty Screening as Risk Stratification for Advanced Heart Failure Patients in Hong Kong - A Novel Approach for A Chronic Problem

Dr. Katherine FAN, Grantham Hospital, Hong Kong

Winner of the Best Poster Award

Home-based Heart Failure Self-Management Programme Study (The HOM-HEMP Study): A randomized controlled trial

Ms. WANG Wen Ru, National University of Singapore

Cardiovascular Interventional Summit Hong Kong

14-16 December 2018

InterContinental Shenzhen, Shenzhen, China

The Cardiovascular Interventional Summit Hong Kong 2018 (CIS) was successfully held on 14-16 December 2018 at InterContinental Shenzhen, Shenzhen, China. It was organized by the Hong Kong College of Cardiology, Asian Society of Cardiology, Chinese Medical Doctor Association, China Medicinal Biotech Association, Guangdong Society of Interventional Cardiology and Guangdong Health Management Association. Over 1,000 participants joined the Summit, and among them, around 20 Fellows and Members were from our College.

A major highlight of the Summit was “Hong Kong Heart Foundation: PCI Case Competition”. It provided recognition to our colleagues and a good platform for useful interactive discussion generated from their interesting cases presentation. The winners were:

Dr. CHENG Yue Hong, Pok Oi Hospital

Dr. HAN Yuan, Nanfang Hospital of Southern Medical University

Dr. WONG Kin Ho, Tuen Mun Hospital

Dr. WONG Man Ho, Ivan, Queen Elizabeth Hospital

21st South China International Congress of Cardiology

10-13 April 2019

Guangzhou Baiyun International Convention Centre, Guangzhou, China

The 21st South China International Congress of Cardiology (SCC) & the 60th Anniversary of the founding of Guangdong Cardiovascular Institute, was successfully held on 10-13 April 2019 at Guangzhou Baiyun International Convention Center, Guangzhou, China. The Conference Chairs of the Congress were Prof. CHARNG Min Ji, Prof. HUANG Cong Xin, Prof. HUANG De Jia, Dr. LAU Yuk Kong, Prof. LIN Shu Guang, Dr. WU Shu Lin and Prof. ZHUANG Jian.

The College was one of the co-organizers. The aim of the Congress is to strengthen international academic exchange and to showcase up-to-date development in the field of cardiology. Renowned cardiologists from Europe, USA, Asia Pacific region, Mainland China, Hong Kong, Macau and China Taiwan presented their research findings and views on advances in cardiovascular treatment.

To foster relationship and scientific exchange between Hong Kong and Mainland China, the College had integrated its scientific sessions with the SCC main programme, especially in the live case demonstration. Several Hong Kong cardiologists were invited to give lectures and be chairpersons for the Congress. The Congress was well attended by over 10,000 participants this year.

Last but not least, we were very grateful to Fellows and Members of HKCC who joined the Congress this year. They enjoyed the fellowship dinner held in the evening of 12 April 2019 at the Chinese Restaurant in LN Baiyun International Convention Center.

27th Annual Scientific Congress

31 May – 2 June 2019

Hong Kong Convention and Exhibition Centre

The 27th Annual Scientific Congress was successfully held on 31 May to 2 June 2019 at Level 2, Old Wing, Hong Kong Convention and Exhibition Centre. Over the years, this important professional educational activity has established itself as a flagship educational program for professionals from different disciplines of cardiovascular medicine. To excel further on the quality of our program, the Organizing Committee has prepared a brand-new learning platform this year and put together a most comprehensive and exciting program via a variety of teaching formats and learning modes like theme based symposia, joint session with the American College of Cardiology, abstract and cardiology case presentations, e-poster presentations and cardiology course for general practitioners. During the Congress, there were keynote lectures presented by world-renowned cardiologists. Not only cardiologists and trainees benefited in the course of exchange of ideas and experience with international experts, but also allied health professionals and general practitioners who enjoyed unique educational experience in cardiovascular medicine in the concurrent sessions of Allied Cardiovascular Health Professional Symposium and Cardiology Course for General Practitioners. The total number of registrants was 978, including 490 local doctors, 245 delegates from Mainland China, 199 allied professionals and paramedical personnel, and 44 overseas delegates. The PowerPoint presentation of speakers are available from the website: <http://www.hkccasc.com/>

The chairman of the organizing committee was Dr. CHAN Ngai Yin and co-chairs were Dr. CHAN Wing Sze, Carmen, Dr. TSUI Kin Lam and Dr. YAN Ping Yen, Bryan. Advisors were Dr. CHIANG Chung Seung, Dr. KO Tak Him, Patrick and Dr. LAU Yuk Kong. Committee Members included Dr. CHAN Chi Kin, William, Dr. CHAN Leung Kwai, Jason, Dr. CHAN Wai Kwong, Andy, Dr. FUNG Chi Yan, Raymond, Dr. LEE Kwok Lun, Dr. LO Ka Yip, David, Dr. Thomas TUNGGAL, Dr. WONG Ka Lam and Dr. YUNG Tak Cheung.

142 abstracts were received and 75 accepted for oral presentation and 67 accepted for poster presentation. There were a total of twelve awards for this year and winners are as follows:

1. Best Abstract Award
Abstract Title: Efficacy and Safety of Novel Biodegradable Device for Closure of Atrial Septal Defect: From Preclinical Study to First-in-Man Experience
Abstract Presenter: Dr. LI Yi Fan, Guangdong Cardiovascular Institute, Guangzhou, China
2. Fellow-in-training Best Abstract Award
Abstract Title: Drug-coated balloon in de novo small vessel coronary artery lesion
Abstract Presenter: Dr. LAM Lap Tin, Grantham Hospital, Hong Kong
3. Best Poster Award
Abstract Title: Seasonal variation of the 12-lead ECG, cardiac structure and function on 2D and speckle tracking echocardiography in the elite senior rugby league athlete
Poster Presenter: Prof. John SOMAUROO, Liverpool John Moores University, Liverpool, United Kingdom
4. Best Cardiac Intervention Case Award
Abstract Title: Successful retrieval of entrapped rotablator after failure of traditional method
Case Presenter: Dr. LI Ying Wah, Andrew, United Christian Hospital, Hong Kong
5. Fellow-in-training Best Intervention Case Award
Abstract Title: A missing vessel
Case Presenter: Dr. LAM Lap Tin, Grantham Hospital, Hong Kong

6. Best Clinical Cardiology Case Award
Abstract Title: An obstacle in the way
Case Presenter: Dr. POON Wai Ling, Jessica, Ruttonjee Hospital, Hong Kong
7. Fellow-in-training - Best Clinical Cardiology Case Award
Abstract Title: A neurogenic block
Case Presenter: Dr. CHING Shing, United Christian Hospital, Hong Kong
8. Best Paediatric Abstract Award
Abstract Title: Genotype and Phenotype of Chinese Pediatric Patients with IPAH/HPAH
Abstract Presenter: Dr. ZHANG Hong Sheng, Beijing Anzhen Hospital, China
9. Best Paediatric Clinical Cardiology Case Presentation Award
Abstract Title: Two cases report of sinus rhythm restored after surgical removal of the occluder for late complete left bundle branch block developed post-occlusion of perimembranous ventricular septal defect
Case Presenter: Dr. LI Yi Fan, Guangdong Cardiovascular Institute, Guangzhou, China
10. Oral Abstracts Award
Abstract Title: Role of pre-discharge cardiovascular magnetic resonance in myocardial infarction with nonobstructive coronary angiography: regional Australian experience
Abstract Presenter: Dr. Willis LAM, Cairns Hospital, Cairns, Australia
11. Clinical Cardiology Case Presentation Award
Abstract Title: Progressive dyspnea: pulmonary embolism refractory to anticoagulation
Case Presenter: Dr. CHEN Jiao Hua, Guangdong General Hospital, Guangzhou, China
12. Clinical Cardiology Case Presentation Award
Abstract Title: Weathering an adenosine insensitive right ventricular outflow tract ventricular tachycardia (adenosine insensitive RVOT VT) storm in an adolescent female. A case report
Case Presenter: Dr. Jose Eduardo DUYA, University of The Philippines-manila, Manila, Philippines



ACS In Action



Fellow-in-training Best Abstract Award



Cardiology Course for General Practitioners



Hong Kong Core Cardiology Certificate Course

Organizing Committee

Dr. LAU Yuk Kong (Chairman)

Dr. TSUI Kin Lam (Co-Chairman)

Dr. CHAN Ngai Yin

Prof. SIU Chung Wah, David

Dr. Thomas TUNGGAL (Co-Chairman)

Dr. CHAN Yu Ho

Dr. WONG Chi Yuen, Eric

Background

One of the most important mission of Hong Kong College of Cardiology (HKCC) is to promote the training and standard of our cardiology professionals for better clinical patient care.

In view of the vast and tremendous explosions in knowledge with ever increasing new advances, it is becoming increasingly difficult for cardiologists and fellow trainees to stay abreast and keep up-to-date on core knowledge as well as new frontier technology.

However, the prerequisite of top quality patient care depends highly on core clinical knowledge and experience. Therefore, HKCC determines to launch this first-of-its-kind certificate training course. We are pleased to have Hong Kong Public Hospital Cardiologists Association (HKPHCA), which shares similar aims, to co-organize the course.

Goal

The goal of the course is for our cardiology professionals to enhance their core cardiology knowledge and skill in day-to-day clinical practice.

The course provides a comprehensive broad base and up-to-date review of clinical diseases and the management. Participants will learn from experienced cardiologists the pearls of wisdom. On completion of the 9 modules of certificate training over a 3-year period, delegates will acquire solid clinical knowledge to be highly competent for daily clinical challenges.

Course Description

The course consists of 9 modules, each of one-day duration, over a period of 3 years. The course covers topics including General Cardiology, Coronary Artery Diseases, Valvular Heart Disease, Arrhythmia, Heart Failure & Cardiomyopathy, Preventive Cardiology, Hypertension & Pulmonary Hypertension, Aortic Dissection, Pericardial Diseases, Systemic Diseases & Pregnancy-related Heart Diseases, etc. Approach to patients with symptoms like chest pain, cardiac murmur, shortness of breath, palpitation and syncope, will be addressed. Intelligent & appropriate use of investigations, tips & tricks in interventions and devices usage will be highlighted. The course will also review how to prepare for cardiology examinations.

Target Participants

All cardiologists including cardiology trainees in clinical practice will benefit from the course. Due to limited capacity and to allow more interaction, cardiology fellows in training who are also members of HKCC / HKPHCA will have priority for enrollment.

Capacity

50

Certification

A short examination will be held at the end of each module. Delegates passing the examination will get a certificate of that module. Upon completion and passing examination of at least 6 out of 9 modules, delegate will get a certificate for the Course.

Module 2: Cardiac Arrhythmia Management in daily Practice, 2 December 2018

Granville Room, Lower Lobby, Conrad Hong Kong, Pacific Place, 88 Queensway, Hong Kong

The module was successfully held and well received with 76 participants from the field of Cardiology and related specialties attended. Topics covered in the module:

Topics	Speakers
Course Introduction	Dr. LAU Yuk Kong
Chairpersons: Dr. CHAN Ngai Yin, Dr. LAI Wai Keung, Steve, Dr. SO Yui Chi	
Management of Atrial Fibrillation: Rate vs Rhythm Control, Medical Therapy vs Intervention	Prof. LAU Chu Pak
Stroke Prevention in Atrial Fibrillation	Prof. SIU Chung Wah
Narrow Complex Tachycardia: Approach to Diagnosis & Localization of Pathway using ECG	Dr. CHAN Ngai Yin
Management of SVT: Pharmacological Therapy vs Interventional Treatment	Dr. LAM Tse Fun, Cathy
Management of Patient Presenting with Syncope	Dr. CHAN Wai Kwong, Andy
Chairpersons: Dr. CHAN Wai Kwong, Andy, Dr. FUNG Wing Hong, Dr. TAM Lok Yan	
Management of Patient Presenting with Syncope	Dr. CHAN Wai Kwong, Andy
Wide Complex Tachycardia: ECG Diagnosis	Dr. CHAN Chin Pang
Screening of Genetic Life-threatening Arrhythmia: Who to Screen and How to Screen	Dr. Polakit TEEKAKIRIKUL
Management of Patients with Sudden Cardiac Death & Ventricular Arrhythmia	Dr. LEE Lai Fun, Kathy
Chairpersons: Dr. CHAN Kwok Keung, Dr. WONG Ming Ho, Prof. YU Cheuk Man	
ICD: What a Cardiology Fellow must Know	Dr. HAI Siu Han, Jo Jo
Bradyarrhythmia: Diagnosis and Workup for Underlying Cause	Dr. CHOI Man Chun
Pacemaker: What a Cardiology Fellow must Know	Dr. CHAN Kwok Keung
EP, RFA & Cryoablation: The Basics for the Clinical Cardiologists	Dr. YUEN Ho Chuen
Examination	Dr. Thomas TUNGGAL
Round Up & Closing Remarks	

A total of 44 participants took the examination and the passing rate is 97.73%.

Module 3: Valvular and Pericardial Diseases: The Up-to-date Management that a Cardiologist Needs to Know, 7 April 2019

Ballroom I & II, Level 7, Cordis, Hong Kong, 555 Shanghai Street, Mongkok, Kowloon

It was successfully held and well attended by 79 participants from the field of Cardiology and related specialties. Topics covered in the module:

Topics	Speakers
Chairpersons: Dr. LAU Yuk Kong, Dr. TAM Chi Ming and Dr. WONG Ka Lam	
Aortic Stenosis <ul style="list-style-type: none"> Clinical Presentation Diagnosis, Severity Assessment & Common Errors Low Gradient Severe AS, Pitfalls in Diagnosis, When to Suspect & How to Overcome? Natural Course & Interval Assessment for Mildly or Asymptomatic Patients 	Dr. WONG Chi Yuen, Eric
Aortic Stenosis <ul style="list-style-type: none"> When to Operate AVR vs TAVR: How to Choose 	Dr. LEE Kang Yin, Michael
Aortic Regurgitation <ul style="list-style-type: none"> Clinical Presentation Diagnosis, Severity Assessment & Common Errors Natural Course & Interval Assessment for Asymptomatic Patients When to Operate 	Dr. YIU Siu Fung
Chairpersons: Dr. LI Ying Wah, Andrew, Dr. LEUNG Kwok Fai and Dr. LEUNG Tat Chi	
Mitral Regurgitation <ul style="list-style-type: none"> Clinical Presentation Diagnosis & Severity Assessment Interval Assessment When to Operate & Impact of Atrial Fibrillation MV Repair vs Replacement vs Percutaneous Procedure 	Dr. LAM Cheung Chi, Simon
Tricuspid Regurgitation: Diagnosis and Management Options <ul style="list-style-type: none"> Echo Features and Severity Assessment Management of TR and When is Surgery Indicated? 	Dr. YIU Kai Hang
Prosthetic Valvular Disease <ul style="list-style-type: none"> Selection & Consideration Anticoagulation & Thromboembolic Complications Prosthetic Valve Dysfunction & Assessment 	Dr. YIP Wai Kwok, Gabriel
Chairpersons: Dr. CHAN Wai Kwong, Andy, Dr. CHAN Chi Lin, Jaclyn and Dr. LEE Kwok Lun	
Updates in Surgical Treatment of Valvular Diseases	Dr. AU Wing Kuk
Infective Endocarditis <ul style="list-style-type: none"> Clinical Features Diagnosis & Common Errors Treatment: Choice of Antibiotics, Duration, Interval Assessment & Follow-up When is Urgent Surgery Indicated? Antibiotic Prophylaxis 	Dr. TAM Kin Ming
Pericardial Effusion <ul style="list-style-type: none"> Causes, Assessment, Management & Follow-up 	Dr. CHAN Kam Tim

Pericardial Tamponade • Diagnosis & Management	Dr. KAM Ka Ho, Kevin
Chairpersons: Dr. CHIANG Chung Seung and Dr. Thomas TUNGGAL	
Constrictive Pericarditis • Clinical Presentation • Diagnosis & Potential Error • Management	Dr. TSUI Kin Lam
Examination	Dr. Thomas TUNGGAL
Round Up & Closing Remarks	

A total of 43 participants took the examination and the passing rate is 97.77%.

Module 4: Heart Failure and Cardiomyopathy in Daily Clinical Practice, 14 July 2019

Ballroom I & II, Level 7, Cordis, Hong Kong, 555 Shanghai Street, Mongkok, Kowloon

It was successfully held and well received with 83 participants from the field of Cardiology and related specialties attended. Topics covered in the module:

Topics	Speakers
Chairpersons: Dr. CHAN Kit, Dr. CHIANG Chung Seung, Dr. KO Tak Him, Patrick	
Overview of Heart Failure: Clinical Assessment and Role of Biomarkers • Aetiologies • Clinical Presentation, Diagnosis and Grading • Role of Biomarker	Dr. YUNG Chi Yui
Role of Imaging in Heart Failure Management • Indications, Limitations and Serial Assessment • Viability Assessment of Ischemic CDM with Echo, CMR and Nuclear Imaging	Dr. WONG Chi Yuen, Eric
Contemporary Treatment of Systolic Heart Failure • Life Style Modifications and Non-pharmacological Treatment • Traditional and New Drugs • Importance of Optimizing Therapy	Dr. CHAU Mo Chee, Elaine
Heart Failure with Preserved Ejection Fraction (HFpEF) • Definition and Aetiology • Diagnostic Challenges • Management and Prognosis	Prof. LAU Chu Pak
Chairpersons: Dr. CHAN Yu Ho, Dr. IP Ling Ling, Dr. LAU Yuk Kong	
Dilated Cardiomyopathy • Diagnosis and Differential Diagnosis • Investigations and Management • Family Screening	Prof. TSE Hung Fat
Hypertrophic Cardiomyopathy • Diagnosis: Echo Criteria HOCM vs Athlete's Heart • Treatment: Medical vs Surgical • Who will need an ICD? • Genetic Study and Family Screening	Dr. CHAN Kam Tim
Cardiac Amyloidosis and Restrictive Cardiomyopathy • Presentation and Diagnosis • Management	Dr. YIU Siu Fung, Francis

Chairpersons: Dr. KO Yiu Kwan, Cyril, Dr. LEUNG Tat Chi, Godwin, Dr. WONG Ming Ho	
Inflammatory Cardiomyopathy <ul style="list-style-type: none"> • Diagnosis and Workup: Lab Tests, Viral Titre • Management of Patients with Myocarditis 	Dr. KAM Ka Ho, Kevin
Arrhythmogenic RV Dysplasia <ul style="list-style-type: none"> • Presentation, Diagnosis and Management 	Dr. CHAN Chin Pang, Gary
Stress Cardiomyopathy <ul style="list-style-type: none"> • Presentation and Diagnosis • Management and Prognosis 	Dr. YIP Wai Kwok, Gabriel
LV Non-compaction <ul style="list-style-type: none"> • When to Suspect, How to Confirm and How to Manage 	Dr. TSUI Kin Lam
Device Therapy for Patients with Heart Failure <ul style="list-style-type: none"> • CRT/CRT-D 	Dr. LAM Tse Fun, Cathy
Chairpersons: Dr. TSUI Kin Lam, Dr. Thomas TUNGGAL	
Assist Device, Mechanical and Heart Transplant <ul style="list-style-type: none"> • What a Cardiologist needs to know 	Dr. FAN Yue Yan, Katherine
Examination	Dr. Thomas TUNGGAL
Round Up & Closing Remarks	

A total of 48 participants took the examination and the passing rate is 93.75%.

Participants' Feedback for Module 2 – 4

At the end of each course, evaluation forms were distributed to participants. On the whole, the feedback was very positive. Participants found the topics covered by the course were very practical and useful for their daily clinical diagnosis and management. Most delegates were very satisfied with the course and many expressed gratefulness to the passionate organizers.

Participants had been asked to rate 11 questions against a scale from 1 (strongest disagree) to 6 (strongest agree). Number of respondents are 49, 51 and 48 respectively in Module 2, 3 & 4. The specific responses are as follow:

		Module 2	Module 3	Module 4
1.	Do you agree that this course has achieved its stated objectives?	5.41	5.33	5.33
2.	Do you agree that the course meets your training needs?	5.43	5.35	5.36
3.	Do you agree the course is practical for use in your workplace?	5.33	5.31	5.29
4.	Do you agree that the course meets your level of interest and understanding?	5.22	5.29	5.30
5.	Do you agree that the course is clearly and logically organized?	5.39	5.31	5.22
6.	Do you agree that the speaker is able to enhance participants' learning in the course?	5.33	5.31	5.24
7.	Do you agree that the learning material (if any) are practical and are good reference for participants?	5.16	5.29	5.28
8.	Do you agree that there is enough time for questions from participants?	5.00	5.12	4.46
9.	Do you agree that the course duration is appropriate?	5.14	5.18	4.98
10.	Do you agree that the logistic arrangement of the course (e.g. enrollment, venue set-up, etc.) is appropriate?	5.29	5.37	5.24
11.	Do you agree that you are satisfied with this course?	5.37	5.35	5.30

Great Bay Cardiovascular Joint Symposium & The 7th International Cardiovascular Frontiers-Futian Forum, 19-21 July 2019, Shenzhen

Hong Kong College of Cardiology was one of the co-organizers of 2019 The Belt & Road. Hong Kong-Macau-Guangdong Great Bay Cardiovascular Joint Symposium & The 7th International Cardiovascular Frontiers-Futian Forum which was held on 19-21 July 2019 at Century Place Square, Futian, Shenzhen (深圳世紀滙廣場交通銀行大廈). Dr. LAU Yuk Kong, Dr. CHIANG Chung Seung and Dr. LAM Ho were invited as Speakers, Chairmen and Guests of the Opening Ceremony with details as below:

Name	Role	Session / Topic
Dr. LAU Yuk Kong	Co-Chairman	Symposium Organizing Committee
	Speaker	大會特邀專題報告 "Echocardiography in Acute Care - Essential Bedside Guide to All Clinical Cardiologists"
	Chairman	The Belt & Road. Hong Kong-Macau-Guangdong Great Bay Cardiovascular Forum 一帶一路 . 粵港澳大灣區心血管論壇
Dr. CHIANG Chung Seung	Honorary Chairman	Symposium Organizing Committee
	Speaker	The Belt & Road. Hong Kong-Macau-Guangdong Great Bay Cardiovascular Forum 一帶一路 . 粵港澳大灣區心血管論壇 "Leadless Pacing: Experience from Hong Kong"
	Chairman	國際名醫大咖聯合查房
Dr. LAM Ho	Speaker	論壇主題：一帶一路 . 粵港澳大灣區心血管論壇 (2) "Unbelievable AMI PCI cases"
	Chairman	論壇主題：一帶一路 . 粵港澳大灣區心血管論壇 (2)
	Speaker	肺血管病與血栓論壇 "EKOS use in Acute Pulmonary embolism"

Over 500 cardiologists from Hong Kong, Macau and Guangdong attended the conference. Amidst the tight programme schedule, Dr. LAU and Dr. CHIANG also joined in the expert panel convened by American College of Cardiology (ACC) exploring future potential of JACC Asia in promoting quality research papers publication and knowledge sharing in Asia.



The PCI Fellowship Course: The Basics, 25 August 2019

Co-organized by the Hong Kong College of Cardiology and the Hong Kong Public Hospital Cardiologists Association, The PCI Fellowship Course will be held on 25 August 2019 (Sunday) at Star Room, 42/F, Cordis Hotel. Cardiology trainees and Cardiologist are both welcomed.

The Missions/Objectives are as follows:

1. To promote the training and standard of the cardiology professionals so as to translate into better clinical patient care
2. To enhance education, training and interest in PCI
3. To provide a platform for sharing experiences and knowledge in PCI

Course Co-Directors:

Dr. CHAN Wai Kwong, Andy
Dr. CHAN Chi Lin, Jaclyn
Dr. CHAN Yu Ho
Dr. HO Kwok Tung, Gordon

Dr. LAM Ho
Dr. LO Ka Yip, David
Dr. TSUI Kin Lam
Dr. WONG Chi Yuen, Eric

Programme:

Session one

Chairpersons: Dr. CHAN Wai Kwong, Andy, Dr. LEE Kwok Lun, Dr. WONG Chi Yuen, Eric

1. Dr. CHUI Ka Lung : Vascular Access: Radial and Femoral
2. Dr. HO Kwok Tung, Gordon: Angiography: Techniques
3. Dr. LO Ka Yip, David: Angiography: Interpretation

Session two

Chairpersons: Dr. LAU Yuk Kong, Dr. TAM Li Wah

4. Dr. FUNG Chi Yan, Raymond : Radiation Safety
5. Dr. CHAN Ka Chun, Alan: Guiding ABC

Session three

Chairpersons: Dr. CHAN Ngai Yin, Dr. CHAN Yu Ho

6. Dr. CHAN Chi Yuen, Karl: Guidewires
7. Dr. LAM Ho: Balloon

Session four

Chairpersons: Dr. LEUNG Tat Chi, Godwin, Dr. TSUI Kin Lam

8. Dr. TSUI Kin Lam: Special Devices in PCI
9. Dr. CHAN Chi Lin, Jaclyn: Stent Technology

ACS (Acute Coronary Syndrome) in Action

ACS in Action is an initiative to promote knowledge and experience sharing across disciplines for the betterment of ACS management in Hong Kong.

ACS in Action encompasses an e-learning website featuring online educational modules, medical news and resources. The CME/CNE-accredited online modules focus on NSTEMI and STEMI and comprised of patient journey and panel discussion videos. The patient journey videos feature common scenarios encountered in Hong Kong, followed by expert panel discussion aiming to improve efficiency and standard of ACS patient care through enhanced collaborations between specialists in cardiology, emergency medicine and internal medicine.

This initiative is led by the Hong Kong College of Cardiology and the Hong Kong College of Emergency Medicine in consultation with members of the nursing community. We hope to empower leaders & professionals in the medical community to promote best up-to-date practices in caring for ACS patients, and collaboratively strive for clinical excellence in their respective centres.

Organizer : Hong Kong College of Cardiology
Strategic Partner : Hong Kong College of Emergency Medicine
Website : <https://www.acsinaction.org/>

Editorial Board Members:

Dr. LAU Yuk Kong (President, Hong Kong College of Cardiology)
Dr. CHIANG Chung Seung (Past President, Hong Kong College of Cardiology)
Dr. LI Shu Kin (Past President, Hong Kong College of Cardiology)
Dr. WONG Kwok Yiu, Chris (Past President, Hong Kong College of Cardiology)
Prof. SIU Chung Wah, David (Council Member, Hong Kong College of Cardiology)
Dr. TSUI Kin Lam (Council Member, Hong Kong College of Cardiology)
Dr. LAM Ho (Fellow, Hong Kong College of Cardiology)
The Late Dr. CHOY Chi Chung, Stephen (Cardiologist)
Dr. SIU Yuet Chung, Axel (President, Hong Kong College of Emergency Medicine)
Dr. WONG Chun Yin, Henry (Fellow, Hong Kong College of Emergency Medicine)
Dr. WONG Ho Tung (Fellow, Hong Kong College of Emergency Medicine)

13th APHRS & CardioRhythm 2020

7-10 October 2020

Hong Kong Convention and Exhibition Centre, Hong Kong

This is the second time that the largest and comprehensive arrhythmia meeting in the Asia-Pacific region will be co-organized by the Asia Pacific Heart Rhythm Society, the Hong Kong College of Cardiology and the Chinese Society of Pacing and Electrophysiology. The meeting will present current and future management on sudden cardiac death, new drug and ablation treatment for atrial fibrillation, pacing and ICD advances, cardiac resynchronization techniques, remote patient monitoring, and advances in neuromodulation for heart failure and hypertension. A group of world experts will share with us their experiences and insights, and the symposium will be a meeting point for both discussion and academic participation. It is expected over 3,000 participants (mainly from overseas) will attend the conference.

Other local Scientific Programmes besides Chapter Activities 2018-2019

The College Scientific Committee continues to organize and co-ordinate year-round scientific programmes in relation to cardiovascular medicine. These scientific functions have received accreditation from Academy Colleges for continuing medical education.

The major scientific symposia organized during 1 September 2018 – 31 August 2019 are listed as follows:

1. DECLARing the new role of SGLT2i
 20 November 2018 Regency Ballroom I or II (TBC), Lobby Level
 Hyatt Regency Hong Kong, Tsim Sha Tsui
 Speaker: Prof. Andrew SINDONE
 Chairperson: Dr. HAI Siu Han, Jo Jo

2. From clinical trials to guidelines: Considerations of triple and dual therapy in AF patients post PCI
 1 April 2019 7/F, Function Room, Conrad Hong Kong
 Speaker: Prof. Renato LOPES
 Chairman: Dr. CHAN Hiu Lam, Ronnie

3. Go Beyond The Status Quo with PCSK9i
 30 May 2019 Regency Ballroom, Lobby Level, Hyatt Regency Hong Kong,
 Tsim Sha Tsui
 Speaker: Dr. Yehuda HANDELSMAN
 Moderator / Case Presenter: Prof. SIU Chung Wah, David
 Prof. WONG Ka Sing, Lawrence

4. Go Beyond the Status Quo with PCSK9 inhibitors: Familial Hypercholesteremia (FH) Awareness Workshop
 14 June 2019 Prince Restaurant, Shop 209, 2A Canton Road, 1881 Heritage,
 Tsim Sha Tsui, Kowloon
 Speakers: Prof. Kausik RAY
 Prof. Brian TOMLINSON
 Moderator: Dr. Thomas TUNGGAL

5. Online: The use of NT-proBNP in hospital and ambulatory settings: Translating the evidence to clinical practice
 15 June 2019 <http://enews.roche.com/cardiac-ntprobnp-webinar>
 Speakers: Dr. James L. JANUZZI
 Dr. LI Yi Heng
 Moderator: Dr. Naoki SATO

6. ESC e-Learning Course
 Cardiovascular Pharmacotherapy Advances in the Management of Angina & Heart Failure
 Website: <https://www.cardio-debate.com/>

Report on Community Activities

World Heart Day 2019 (世界心臟日)

Heart disease has been one of the top killer diseases in the world. Initiated by the World Heart Federation (WHF), World Heart Day has been fixed on 29 September every year. Heart health promotional activities will be launched all over the world. It aims to increase global awareness of heart disease and its prevention.

Events

2019 marks the 19th Anniversary of World Heart Day and the theme is "Be a Heart Hero 護心者聯盟". The 'starter' event - World Heart Day 2019 Run for Heart, was held on 13 May 2019 at Wu Kwai Sha Youth Village with over 2,000 participants and runners.

The Press Conference and Kick-off Ceremony of World Heart Day will be held in October 2019. The series of activities would be launched, which include:

- Twelve Public Heart Health Talks scheduled on Sundays in the months from September to December (1, 8, 22 & 29 September; 13, 20 & 27 October 2019; 3, 10, 17 & 24 November 2019; 1 December 2019) at the Central Library, Science Museum, Hospital Authority and Duke of Windsor Social Service Building respectively.
- Global Embrace and The World Heart Day Carnival 2019 on Sunday, 10 November 2019 at the Happy Valley Hong Kong Jockey Club. It will include game booths, stage shows by singers/artists, jump rope performances and the Global Embrace. We expect over 3,000 citizens joining the Event; over 1,000 primary/secondary students joining the World Heart Day Drawing Competition; and University students and faculties to join the booth competition to promote heart health.

Committees

World Heart Day Steering Committee

Chairpersons: Dr. LAU Yuk Kong

Members: Dr. CHAN Chi Kin, William
Dr. CHAN Kam Tim
Dr. CHAN Wai Kwong, Andy
Dr. CHIANG Chung Seung
Dr. FONG Ping Ching
Dr. KO Tak Him, Patrick

Dr. CHAN Ngai Yin

Prof. LAU Chu Pak
Dr. LAU Suet Ting
Dr. LEUNG Tat Chi, Godwin
Dr. LI Shu Kin
Dr. TSUI Kin Lam

Carnival Sub Committee

Chairpersons: Dr. LAU Suet Ting

Members: Dr. CHAN Chi Kin, William
Dr. CHAN Ka Chun, Alan
Dr. CHAN Kam Tim
Dr. CHAN Ngai Yin
Dr. CHEUNG Ling Ling
Dr. KWAN Wing Shan, Iris
Dr. KWOK Chun Kit, Kevin
Dr. KWOK Miu Fong, Jennifer
Dr. LAU Yuk Kong

Dr. FUNG Chi Yan, Raymond

Dr. LEE Kwok Lun
Dr. LI Shu Kin
Dr. NG Yu Kin, Kenneth
Dr. TSANG Chun Fung, Sunny
Dr. Prabowo TUNGGAL
Dr. WONG Chi Yuen, Eric
Dr. WONG Tai Hung, John
Dr. WONG Wai Lun
Prof. YU Cheuk Man



Media and Promotion Sub Committee

Chairpersons: Dr. LAU Yuk Kong

Dr. Prabowo TUNGGAL

Members: Dr. CHAN Ka Chun, Alan
Dr. CHEUNG Ling Ling
Dr. KO Lap Yan, Ryan

Dr. KWAN Wing Shan, Iris
Dr. KWOK Miu Fong, Jennifer

Finance & Sponsorship Program Sub Committee

Chairpersons: Dr. CHAN Ngai Yin

Dr. LEUNG Tat Chi, Godwin

Members: Dr. CHAN Leung Kwai, Jason
Dr. CHAN Yu Ho

Dr. TSUI Kin Lam

Competition Sub Committee

Chairperson: Dr. CHAN Wai Kwong, Andy

Members: Dr. CHAN Kam Tim
Dr. FONG Ping Ching
Dr. KO Kwok Chun, Jason

Dr. LAU Suet Ting
Dr. LEE Kwok Lun
Dr. NG Yu Kin, Kenneth

Run for Heart Sub Committee

Chairpersons: Dr. CHAN Leung Kwai, Jason
Dr. CHEUNG Ling Ling

Dr. CHAN Wing Sze, Carmen

Members: Dr. CHAN Ka Chun, Alan
Dr. CHENG Cheung Wah, Boron
Dr. CHUI Shing Fung
Dr. KWAN Wing Shan, Iris
Dr. LEUNG Tat Chi, Godwin

Dr. LUK Ngai Hong, Vincent
Dr. TSANG Chun Fung, Sunny
Dr. Prabowo TUNGGAL
Dr. WONG Tai Hung, John

World Heart Day Run for Heart 2019

World Heart Day Run for Heart 2019 was successfully held on 13 May 2019 at the Wu Kai Sha Youth Village. Over 2000 participants joined the running competition and the carnival. The race started at 8:30am, Dr. LAU Yuk Kong, President of Hong Kong College of Cardiology and Dr. CHAN Leung Kwai, Jason, Chairman of the organizing committee of World Heart Day Run For Heart 2019, were invited as stage guests to deliver welcome speech at the opening ceremony.

One of the highlights of World Heart Day Run for Heart 2019 was to be “The most safety running event in Hong Kong”, the race boasted the highest density of AEDs and cardiologists. A total of 13 AED stations were set on the running route, an AED station was placed every 350 meters along the track, and doctors carrying AEDs in their backpacks were running with other participants.

Also, Mr. Bob LAM (林盛斌先生), Ms. Nancy WU (胡定欣小姐) and Ms. Paisley HU (胡蓓蔚小姐) were invited as the Heart Healthy Stars (星級健心大使) to kick-off for 10km, 3km, 2km and 800m race.

A total of 270 groups of trophies and cups were issued to the awardees. This was the first time our College organized the running event and the actual participants were far more than the estimated number of 2000. It was a good start for World Heart Day 2019!

Run For Heart Statistics

Group	Total Units / Number
10km Individual Run	1024
3km Individual Run	789
2km Family-relay (Team)	117
800m Family-relay (Team)	50
Total Participants	1980 (Units) 2197 (People)



800m family-relay ready to start



Warm Up Exercise



The first race (10km) started



Yes! Run For Heart



Jump Rope for Heart Program (JRFH) (跳繩強心) 2018-2019

Around 43,000 students from 74 primary schools, 21 secondary schools and 2 international schools (a total of 97 schools) participated in the program in this academic year 2018-2019. Over 1,100,000 students from 643 schools have joined the program over the past twenty years.

The annual JRFH Inter-school Rope Skipping Competition is the climax of the year, and it provides an occasion for students to show their talents and to exchange skills with others. This year, 60 primary schools and 24 secondary schools participated in the competition on 13 & 14 July 2019 at Southorn Stadium. The competition was divided into 6 groups: 4 groups for primary schools (A1, A2, B1 & B2) and 2 groups for secondary schools (A & B).

School visits by expert teams were conducted in 45 schools in this academic year. Students were all amazed by the wonderful performance of our elite skippers and they showed great interest in learning rope skipping. Besides, 7 anti-drug exhibitions (co-organized by JRFH & AMS) were conducted at JRFH participating schools in this academic year. Very positive feedback was received.

Schools that have participated in JRFH for 2 years or more were invited to apply for the Jump Rope for Heart School Activity Subsidy Program 2018 to conduct heart health educational or promotional programs at schools. The JRFH Finance Committee approved granting HK\$99,084 to subsidize 23 projects applied by JRFH participating schools.

The JRFH Finance Committee agreed to share 50% of the actual subsidy, with the maximum of HK\$75,000, with HKCC to support the "Creative Fruity Venture - Secondary Schools Fruit Promotion Project 2018/19" organized by the Department of Health.

The JRFH Finance Committee approved granting HK\$50,000 to support the World Heart Day 2019 Run For Heart. The event was held at Wu Kai Sha Youth Village on 13 May 2019 (Monday) and it comprised a 3 km and 10 km individual run, 2 km and 800m family relay and a carnival. The event was successfully held and attracted more than 2000 participants. A team of 10 skipping coaches and athletes, representing JRFH, joined the 10 km run.

The Rotary Club CPR & AED Education Project 2018/19 was jointly organized by HKCC, Rotary Club of Hong Kong Northeast and St. John Ambulance Association. As agreed, the JRFH secretariat helped to recruit 100 teachers to join. Among these 100 seats, 20 seats were reserved for members of Rotary Club. Finally, 56 and 24 teachers (total 80 teachers from 33 JRFH participating schools) attended the course on 30 September and 23 December 2018 respectively.

The World Rope Skipping Championships 2018 (WRSC 2018) was held at Shanghai, China from 24 July to 2 August 2018. HKCC and JRFH donated HK\$100,000 and HK\$50,000 respectively to support 139 athletes and coaches joining WRSC 2018. The Hong Kong Delegation was able to capture 23 gold, 31 silver and 34 bronze medals (total 88 medals). The celebration dinner was held on 9 August 2018 at New World Millennium Hong Kong Hotel.

The 10th Asian Rope Skipping Championships (10AC) was co-organized by HKCC and Hong Kong Rope Skipping Association, China (HKRSA) and was sponsored by LCSD and HKJC which was held in Hong Kong (Tsuen Wan Sports Centre) from 25 to 28 July 2019. 228 elite rope skippers from 7 Asian countries participated in this tournament. Dr. Patrick KO, Dr. Godwin LEUNG, Ms. Daisy HO and Ms. Shirin LEE sit in the steering committee on behalf of HKCC. HKCC and JRFH donated HK\$100,000 and HK\$50,000 to

support this tournament. Free tickets were distributed to athletes, students in Hong Kong (schools could apply through the intranet of Education Bureau) and the general public in a first-come-first-served basis. Besides competition, 6 booths were opened for the general public to arouse the public interest about rope skipping and heart health. One of the booths was designed by JRFH which focus on heart health.

The JRFH secretariat referred a rope skipping team to perform at a health promotional event on 3 November 2018 at Dragon Centre. The event was organized by the Hong Kong Tuberculosis, Chest and Heart Diseases Association.

Institute for Heart Health Promotion Ltd. (IHHP) (心臟健康促進會)

The College has been in close co-operation with The Institute for Heart Health Promotion Limited ("the Institute") ever since the Institute's incorporation in 2000.

The Institute is a non-profit making organization engaged in the study of heart health of people in Hong Kong and in the promotion for the awareness and preparedness of the general public for the preservation of heart health through healthy styles of living.

The List of IHHP Executive Board Members (from 20 Jan 2016) is as follows:

Chairmen : Mr. LIANG Cheung Biu, Thomas and Dr. TSE Tak Fu (by rotation)

Executive Board Members : Mr. LUK Koon Hoo (Hon Treasurer)

Dr. KO Tak Him

Prof. LAU Chu Pak

Mr. NG Sui Kan, Steve (Hon Secretary)

Atrial Fibrillation (AF) Screening and Awareness Campaign

In order to study the public awareness on Atrial Fibrillation (AF) and the compliance rate to guideline-recommended opportunistic AF screening in Hong Kong, the College appointed the Centre for the Advancement of Social Sciences Research, Hong Kong Baptist University to conduct a survey on people aged 65 or over. A press conference on the results of the survey with launching of Asia Pacific Heart Rhythm Society (APHRS) AF Mobile App was held on 8 January 2019.

Details as follows:

Date and time: 8 January 2019, 1:00 p.m.

Venue: H6 CONET, The Center, 99 Queen's Road Central, Central, Hong Kong

Invited guests: Dr. CHAN Ngai Yin, Prof. LAU Chu Pak and Patient Mr. CHAN



Report on Committees and Working Groups

Hong Kong Heart Foundation Cardiology Training Fellowship Programme

(in co-operation with and fully sponsored by The Hong Kong Heart Foundation Limited)

Congratulations to the following awardees who have embarked on their training programme during 2018/2019 and 2019/2020.

Awardees under Hong Kong Heart Foundation Fellowship 2018/2019:

<u>Start Date</u>	<u>Awardee</u>
(1) Jul 2019	Dr. CHENG Yuet Wong 2018/2019 Programme Dr. CHENG of Queen Elizabeth Hospital has started the training programme of 12 months in Clinical Cardiac Electrophysiology at University of Michigan in United States of America.

Awardees under Hong Kong Heart Foundation Fellowship 2019/2020:

<u>Start Date</u>	<u>Awardee</u>
(2) Jan 2019	Dr. CHENG Yue Hong 2019/2020 Programme Dr. CHENG of Pok Oi Hospital has started the training programme of 12 months in Interventional Cardiology at Royal Alexandra Hospital, Edmonton in Canada.
(3) Jul 2019	Dr. FONG Yan Hang 2019/2020 Programme Dr. FONG of Queen Elizabeth Hospital has started the training programme of 12 months in Interventional Cardiology at Massachusetts General Hospital in United States of America.

Dr. C O PUN and Dr. Mary B L KWONG Scholarship

Dr. C O PUN and Dr. Mary B L KWONG Scholarship was set up in August 2016 in memory of the passing of Dr. C O PUN and to provide an opportunity for Candidates to acquire advance technique[s] in the field of Cardiology. The Hong Kong College of Cardiology (the "College") is the authorized administrator of the Dr. C O PUN and Dr. Mary B L KWONG Scholarship. Successful applicants of the Scholarship have the great responsibility to carry themselves as ambassadors of goodwill for Hong Kong. They are expected to have high professional competence and sound moral principles. Upon their return to Hong Kong after training, they are expected to apply their knowledge and experience to improve the standard of cardiovascular care and professional training in Hong Kong, and to provide a better quality of service to the Hong Kong public to the best of their abilities.

Scientific Committee

One of the most important core missions of the Hong Kong College of Cardiology is to promote and provide top quality scientific education and professional training. The success of the diversified and calendar-full activities organized by the College highly depends on the active support and participation of our fellows and members.

To reflect the needy changes for bringing our scientific & educational activities to a new level, the Scientific Committee of Hong Kong College of Cardiology was established in 2018 to meet with this challenge. The Committee members are as follows:

Dr. LAU Yuk Kong (Chairman)	Dr. LAM Ho
Dr. CHAN Wai Kwong, Andy (Co-Chairman)	Dr. LEE Kwok Lun
Dr. CHAN Chi Kin, William	Dr. LEUNG Tat Chi, Godwin
Dr. CHAN Chi Lin, Jaclyn	Prof. SIU Chung Wah, David
Dr. CHAN Hiu Lam, Ronnie	Dr. TSUI Kin Lam
Dr. CHAN Kwok Keung	Dr. Thomas TUNGGAL
Dr. CHAN Ngai Yin	Dr. WONG Chi Yuen, Eric
Dr. CHAN Wing Sze, Carmen	Dr. WONG Ka Lam
Dr. CHIANG Chung Seung	

Public Health Education Committee

An important mission of the Hong Kong College of Cardiology is to promote heart health of people in Hong Kong. To achieve this, the Public Health Education Committee of the College was established in 2018 to launch a variety of public programs in promoting healthy diet, exercise and control of risk factors as well as public knowledge of heart disease prevention and treatment. The Committee members are as follows:

Dr. LAU Yuk Kong (Chairman)	Dr. FUNG Chi Yan, Raymond
Dr. CHAN Ngai Yin (Co-Chairman)	Dr. KO Lap Yan, Ryan
Dr. LEUNG Tat Chi, Godwin (Co-Chairman)	Dr. KWAN Wing Shan, Iris
Dr. CHAN Ka Chun, Alan	Dr. KWOK Chun Kit, Kevin
Dr. CHAN Leung Kwai, Jason	Prof. YU Cheuk Man
Dr. CHAN Wai Kwong, Andy	Dr. YUEN Ho Chuen
Dr. CHAN Yu Ho	

Journal of the Hong Kong College of Cardiology

Commencing 2005, the Journal has been published bi-yearly in April and October.

A total of 23 editorial pages were published from October 2018 to April 2019.

No article from Hong Kong.

A total of 96 pages of abstracts were published from October 2018 to April 2019, 81 pages from the Annual Scientific Congress and 15 pages from the other meeting.

A total of 46 editorial pages of Supplement were published in November 2018, which included 94 abstracts and no manuscript.

Newsletter

The College has published the College Newsletter quarterly since the first issue dated December 2009, and the Co-Editor are Dr. CHENG Cheung Wah, Boron and Dr. LEUNG Tat Chi, Godwin.

As not every member of the College is able to attend all the College activities, the Newsletter serves to keep members updated with the current affairs of the College. The contents of the Newsletter are arranged according to the main activities of the College: scientific activities, community activities, other College activities and members' section, etc. The Newsletters are sent to all members of the College free-of-charge.

Four issues of Newsletter are published from September 2018 to July 2019 at quarterly intervals.

Allied Cardiovascular Health Professional Committee

The Allied Cardiovascular Health Professionals Symposium of the 27th Annual Scientific Congress was held on 1 June 2019. It was organized for the allied cardiovascular health professionals and the theme this year was “Tips & Tricks” from Case Sharing in Cardiac Catheterization Laboratory and Coronary Care Unit. Ms. YIU Sau Chi presented “Interesting ECG case sharing”. Dr. LO Ka Yip, David shared his views on “Coronary angiogram interpretation and easily missed findings”. Dr. WONG Ka Lam, Michael exchanged his experience on “Differences among various percutaneous mechanical circulatory support devices” while Ms. HO Kit Ying presented “Handling most challenging patient in difficult situation at cath lab”.

Cardiovascular magnetic resonance imaging (CMR) Chapter

Cardiovascular magnetic resonance imaging (CMR) Chapter is formed by Hong Kong College of Cardiology with the following Mission / Objectives:

To promote application of Cardiac MRI

To promote clinical education, interest and awareness in Cardiac MRI

To provide a platform for sharing of updating experiences and knowledge in Cardiac MRI (Case-based learning)

Organizing Committee:

Advisers: Dr. CHAN Kam Tim and Dr. LAU Yuk Kong

Conveners: Dr. CHAN Hiu Lam, Ronnie, Dr. CHAN Wing Sze, Carmen and Dr. LI Ying Wah, Andrew

Members: Dr. CHAN Kin Yin, Anna, Dr. CHEUNG Chi Wai, Stephen (Radiology Trainer), Dr. LEE Wei Sze, Eleanor, Dr. MA Hon Sum and Dr. WONG Ka Tak, Jeffrey (Radiology Trainer).

5th Scientific Meeting Cardiovascular Magnetic Resonance Imaging (CMR) Chapter, 2 March 2019

The 5th Scientific Meeting of CMR Chapter was held on 2 March 2019 at Star Room, 42/F, Cordis Hotel, 555 Shanghai Street, Mongkok, Kowloon, Hong Kong. The event was well received with 81 participants from both Cardiology and Radiology specialties attended the meeting.

The program included lecture and cases presentations as follows:

Theme: Cardiomyopathy: From Bench to Bedside

Lecture: Mr. Lawrence YIP: Parametric Mapping of Cardiac MRI

Dr. CHEUNG Chi Wai, Stephen: Clinical application of CMR mapping techniques

Dr. CHAN Wing Sze, Carmen: CMR and Cardiac Oncology

Case Presenters: Dr. LAI Tsun Kwong, Jonathan from Pamela Youde Nethersole Eastern Hospital

Topic: The role of cardiac magnetic resonance imaging in the management of a young patient with end stage renal failure presented with cardiac arrest

Dr. LEE Arthur Sze Chai from Tseung Kwan O Hospital

Topic: LVH- expect the unexpected

Dr. LI Ying Wah, Andrew from United Christian Hospital

Topic: LVH with valvular MR- similar face, different fate

Echocardiography Chapter

Echocardiography Chapter (Echo Chapter) of the Hong Kong College of Cardiology aims to promote education, training and interest in echocardiography among members, and to provide a forum for sharing of experience and knowledge in echocardiography.

The Echo Chapter has been invited to be the Official Member Society of the Asian-Pacific Association of Echocardiography (established in 2013) since 2016. With joint effort, the Chapter would further promote education and research in Echocardiography.

6th Scientific Meeting of Echocardiography Chapter, 13 October 2018

The 6th Scientific Meeting of Echo Chapter was successfully held on 13 October 2018 at Sung Room, 4/F, Sheraton Hong Kong Hotel & Towers, Tsim Sha Tsui. The event was well attended by 73 participants from various specialties with many positive feedbacks.

Organizing Committee

Coordinators:	Dr. KAM Ka Ho	Dr. LEE Pui Wai, Alex
	Dr. LAU Yuk Kong	Dr. WONG Chi Yuen
Members:	Dr. CHAN Lip Kiong	Dr. LEUNG Kwok Fai
	Dr. CHUI Ka Lung	Dr. LI Ying Wah, Andrew
	Dr. LAM Chun Wai, Willis	Dr. YIU Siu Fung
	Dr. LAM Yui Ming	

Scientific Program

Topics	Speakers
<p><u>Interesting / Challenging Case Competition</u></p> <p>Chairmen: Dr. LAU Suet Ting, Dr. LEE Pui Wai, Alex</p> <p>Judges: Dr. CHAN Wing Sze, Carmen, Dr. LAU Yuk Kong, Dr. LEUNG Kwok Fai, Dr. TAM Chi Ming, Dr. TAM Kin Ming, Dr. YIU Siu Fung</p> <ul style="list-style-type: none"> • Infective or Autoimmune? Not a Simple Aortic Regurgitation • Continuous Murmur Continues • A Patient with Multiple Valve Prosthesis and Stenosis • A Common Disease with An Uncommon Presentation • Recurrent Aortic Stenosis: Redo It or Not? 	<p>Dr. CHI Wai Kin</p> <p>Dr. LING Wood Hay, Ian</p> <p>Dr. SO Tai Chung</p> <p>Dr. SZE Shu Yue, Michael</p> <p>Dr. YAU Kwok Ho</p>
<p><u>Lectures</u></p> <p>Chairmen: Dr. CHUI Ka Lung, Dr. TAM Chi Ming, Dr. YIU Siu Fung</p> <p>Echocardiographic assessment of the mitral valve in 2018</p> <p>Tips and Tricks of AS assessment</p> <p>The Assessment of Tricuspid Valve and How to Evaluate Severity of TR</p>	<p>Dr. LEE Pui Wai, Alex</p> <p>Dr. WONG Chi Yuen, Eric</p> <p>Dr. KAM Ka Ho, Kevin</p>

Winners of the Case Competition:

Dr. SZE Shu Yue, Michael

Dr. YAU Kwok Ho

Paediatric Cardiology Chapter

The Paediatric Cardiology Chapter of Hong Kong College of Cardiology was established in 2008. The goal and objectives are to promote the advancement of knowledge and science of paediatric cardiology and to look into issues related to education, training and accreditation. It also helps to promote solidarity and fraternity among paediatric cardiologists in Hong Kong.

Scientific Meetings (2018-2019):

1. 27 September 2018

The meeting was held at Seminar Room 2, G/F, Block M, Queen Elizabeth Hospital, Dr. MOK Chi Fung, Geoffrey, Department of Paediatrics, Prince of Wales Hospital presented the topic on “Kawasaki disease shock syndrome” and Dr. LUN Kin Shing was the moderator of the meeting.

2. 16 January 2019

The meeting was held at the Seminar Room 2, G/F, Block M, Queen Elizabeth Hospital. Dr. FONG Nai Chung, Princess Margaret Hospital presented on “Pulmonary Hypertension due to Lung Diseases in Children” and Dr. LUN Kin Shing was the moderator of the meeting.

3. 27 March 2019

The meeting was held at the Dr. Li Shu Pui Professional Education Centre, The Hong Kong Medical Association, Central. Dr. HUI Chuk Man, Peter, Department of Paediatric Cardiology, Queen Mary Hospital presented the topic on “Non-invasive imaging of congenital heart diseases: my experience in RCH” and Dr. LUN Kin Shing was the moderator of the meeting.

Annual Paediatric Cardiology Symposium:

The Symposium on “Strategy of treating PDA in preterm neonates: past and present” was held on 17 November 2018 at the Sheraton Hong Kong Hotel. The Hong Kong Neonatal Society was the supporting organization of this half day symposium. The symposium has been well received and 93 participants from various specialties attended.

The programme of the symposium were as follows:

Chairmen: Dr. William WONG, Dr. YUNG Tak Cheung, Dr. LUN Kin Shing, Dr. SO King Woon

1. PDA in preterm infants – a single-centre experience
Dr. MA Ping Yuen, Terence
2. Pathophysiology of PDA and conventional management of PDA in preterm infants
Dr. WONG Siu Chun, Michael
3. Illustrative case sharing – what these cases tell about management
Dr. YU Tak Ching
4. Clinical and echo assessment of significant PDA in preterm neonates
Dr. FONG Nai Chung
5. Management strategy of PDA in preterm infants – current trend
Dr. LAM Hugh Simon Hung San
6. Surgical management of PDA
Dr. Barnabe Antonio ROCHA
7. Transcatheter occlusion of PDA in preterm neonates
Dr. CHEN Hay Son, Robin

Paediatric Cardiology Symposiums in the 27th Annual Scientific Congress

Two symposiums were held on 1 June 2019 during the 27th Annual Scientific Congress.

Paediatric Cardiology Symposium I

1. Applications of phase contrast imaging in congenital heart disease
Dr. Kenneth KY CHEUNG
2. Cardiac MRI improves diagnostic accuracy and characterization in children with cardiomyopathy
Dr. ZHANG Yu Ting
3. Fetal cardiac MRI for congenital heart disease
Dr. ZHU Ming
4. Fetal echocardiographic diagnosis of absent pulmonary valve syndrome
Dr. PAN Wei
5. Role of CMR in Ebstein anomaly. Timing and candidacy for surgical repair
Dr. Marina HUGHES

Paediatric Cardiology Symposium II

6. Non-invasive imaging for the complex RVOT – before and after intervention
Dr. Marina HUGHES
7. Transcatheter ablation of arrhythmias in congenital heart disease: Role of non-invasive imaging
Dr. Sabrina SL TSAO
8. Cardiac MRI detection of coronary artery lesion of Kawasaki disease in Children
Dr. HU Xi Hong
9. Cardiac magnetic resonance assessment of myocarditis
Dr. MA Xiao Hai

Award Winners of paediatric cardiology presentations the 27th Annual Scientific Congress

1. Best Paediatric Abstract Award
Abstract Title: Genotype and Phenotype of Chinese Pediatric Patients with IPAH/HPAH
Presenter: Dr. ZHANG Hong Sheng, Beijing Anzhen Hospital, China
2. Best Paediatric Clinical Cardiology Case Presentation Award
Abstract Title: Two cases of sinus rhythm restored after surgical removal of the occluder for late complete left bundle branch block developed post-occlusion of perimembranous ventricular septal defect
Presenter: Dr. LI Yi Fan, Guangdong Cardiovascular Institute, Guangzhou, China

Annual General Meeting (AGM) 2019 of the Chapter

The AGM was held on 27 March 2019 at 7:00 p.m. at The Hong Kong Medical Association, Dr. Li Shu Pui Professional Education Centre, Central.

Annual Report of the Paediatric Cardiology Chapter 2018 and the Accounts for the year ended 31 December 2018 of the Chapter were considered and adopted.

Working Group on Cardiac Computed Tomography

Recent advances in cardiac CT technology and their use in the coming generation of cardiac CT scanners will transform cardiac CT into a 'disruptive technology', changing our way of practice.

Latest developments which will soon make an impact on cardiac CT:

- a) The spatial resolution of current cardiac CT is 0.5 mm. The latest scanner has a spatial resolution of 0.25 mm. This greatly enhances our ability to assess coronary plaques and evaluate stents as small as 2.5 mm.
- b) Small CT scanners dedicated for cardiac use, which can fit in a physician's office, are now available. Such scanners are likely to become standard equipment for cardiac group practice. With such easy access, the number of cardiac CT will explode and fuel further development.
- c) Artificial intelligence - Autonomic iso-centering of patients on the scanner, automated identification of anatomy, specific coronary vessel segments, plaques and calcium detection will greatly facilitate the analysis of cardiac CT.

Developments in progress:

- a) Spectral CT is likely to be a standard part of CT imaging in the near future. This will improve the detection of myocardial perfusion deficit, aid the reduction of metal artifact, visualize restenosis within stents, enhance plaque and direct infarct imaging and better identify thrombus.
- b) More sensitive CT detector using computer power and photon counting technology will improve image quality beyond current generation of scanners. The low radiation use will allow scanning throughout the cardiac cycles. CT will rival MRI and nuclear scan in the assessment of myocardial perfusion.

Current practice:

1. Coronary artery disease

The ability of cardiac CT to visualize coronary artery anatomy is well established, but severe anatomical stenosis may not be of functional significance. Fractional flow reserve or FFR is currently the gold standard for cardiac revascularization, but it is an invasive procedure.

CT FFR provides this information non-invasively. Leading cardiologist such as Patrick Serruys describes this as a paradigm shift in how patient with coronary artery disease will be assessed and predicts that cardiac CT will replace invasive coronary arteriogram in the near future.

While the use of cardiac CT is low in the public sector in Hong Kong due to excessive demand and a long waiting list, cardiac CT is widely used in the private sector. Most patients, in the private sector, undergoing percutaneous coronary intervention have a previous cardiac CT done. This greatly reduces the number of negative coronary arteriogram and enables strategic planning of the percutaneous coronary intervention prior to sending the patient to the cardiac laboratory.

2. Structural heart disease

Cardiac CT is now routinely used for structural heart procedure patient selection, planning access routes, device sizing and to guide intervention. It has become the gold standard for transcatheter aortic valve replacement (TAVR) and left atrial appendix occlusion planning and guidance. In difficult cases, 3D printing of the LA appendix allows different occluders to be trail- fitted in vitro before intervention. This greatly enhances the safety of the procedure. CT plays an even more important role with the more complex transcatheter mitral valve replacement.

In Hong Kong, most interventional procedures for structural heart disease have a cardiac CT performed before the procedure. The latest cine – angiographic equipment can provide cardiac CT images during the procedure by rotating the C arm. When catheter laboratory dedicated to structural heart intervention is set up, such CT images may be pivotal in ensuring success and a smooth procedure during intervention.

3. Cardiac perfusion and CT-FFR

In Hong Kong, while cardiac perfusion can be assessed using CT, it is not used routinely due to excessive radiation involved. This is likely to change when more sensitive detectors become available.

CT-FFR is not available in Hong Kong. It requires high quality images, involves sending the DICOM image overseas and the cost is more than a cardiac MRI or nuclear scan. With more vendors offering such information on site, it is likely to be used routinely.

While CT provides useful information in the diagnosis of coronary artery and structural heart disease and there is a lot of enthusiasm about its use, one must put it into perspective.

In Hong Kong, cardiac CT is currently providing anatomical information only. Such information has to be combined with functional study, clinical information of the patient and physician's acumen before it can be effectively used for the benefit of our patients.

Preventive Cardiology and Cardiac Rehabilitation Chapter

The Preventive Cardiology and Cardiac Rehabilitation Chapter under Hong Kong College of Cardiology was established in January 2014 and aimed at gathering a group of dedicated experts to share their experience and knowledge in Preventive Cardiology. The Chapter members are follows:

Co-Chairpersons:

Dr. LAU Suet Ting Prof. LAU Chu Pak

Members:

Dr. CHAN Ngai Yin

Dr. CHAN Wing Sze, Carmen

Dr. CHEONG Yan Yue, Adrian

Dr. CHOI Man Chun

Dr. CHOW Siu Lun, Eddie

Dr. CHOY Chi Chung

Dr. FAN Yue Yan, Katherine

Dr. FUNG Chi Yan, Raymond

Dr. KWAN Wing Shan, Iris

Dr. KWONG Shu Keung, Alex

Dr. LEUNG Wai Suen, Albert

Dr. LEUNG Kai Chi

Dr. LI Sheung Wai, Leonard

Mr. CHENG Tak Lai, Dick (Nurse)

Ms. NG Yuk Man (Physiotherapist)

Ms. Charmain TAN (Dietitian)

Mr. Wilson CHAN (Occupational therapist)

Pacing and Clinical Electrophysiology Chapter

The Pacing and Clinical Electrophysiology Chapter of the College was re-structured in 2016 as follows:

Dr. CHAN Ngai Yin (Convener), Dr. CHAN Kit, Jacky, Dr. CHENG Yuet Wong, Dr. Lily CHEUNG, Dr. JoJo HAI, Prof. LAU Chu Pak (Adviser), Dr. LI Shu Kin, Prof. SIU Chung Wah, David and Dr. YUEN Ho Chuen.

Report on College Affairs

Membership

1. As at 1 August 2019, 2 Distinguished Fellows, 3 Honorary Fellows, 2 Retired Fellows, 24 Fellows, 21 Members, 4 Affiliates were elected, which made up the total membership to 488. Below is the breakdown of the membership figures:

Distinguished Fellows	9
Honorary Fellows	18
International Fellows	4
Visiting Fellows	10
Retired Fellows	6
Fellows	259
Members	92
Affiliates	90

2. The Members of the Council for the year 2018-2019 were:

President	: Dr. LAU Yuk Kong
President-Elect	: Dr. CHAN Ngai Yin
Hon. Secretary	: Dr. CHAN Wai Kwong, Andy
Hon. Treasurer	: Dr. LEUNG Tat Chi, Godwin
Council Members	: Dr. CHAN Kwok Keung Dr. CHAN Wing Sze, Carmen Dr. CHENG Cheung Wah, Boron Dr. LAU Suet Ting Dr. LEE Kwok Lun Prof. SIU Chung Wah, David Dr. Thomas TUNGGAL Dr. TSUI Kin Lam Prof. YU Cheuk Man
Immediate Past President	: Dr. LI Shu Kin
Past Presidents	: Dr. CHAN Kam Tim Dr. CHIANG Chung Seung Dr. WONG Kwok Yiu, Chris
Hon. Adviser	: Dr. CHENG Chun Ho Dr. KO Tak Him, Patrick Dr. LAU Chu Pak Dr. TSE Tak Fu

3. During the past year, the Council has met 7 times.

4. Standing Committees and Chairmen:

Scientific Committee

Chairman: Dr. LAU Yuk Kong
Co-Chairman: Dr. CHAN Wai Kwong, Andy

Public Health Education Committee

Chairman: Dr. LAU Yuk Kong
Co-Chairmen: Dr. CHAN Ngai Yin
Dr. LEUNG Tat Chi, Godwin

Examination, Education and Accreditation Committee

Chairman: Dr. TSE Tak Fu

Journal of the Hong Kong College of Cardiology

Editor-in-Chief: Prof. SIU Chung Wah, David
Co-editors: Prof. LAU Chu Pak
Dr. YAN Ping Yen, Bryan

Allied Cardiovascular Health Professionals

Chairman: Dr. CHAN Wai Kwong, Andy

Cardiovascular magnetic resonance imaging (CMR) Chapter

Advisers: Dr. CHAN Kam Tim
Dr. LAU Yuk Kong

Conveners: Dr. CHAN Hiu Lam, Ronnie
Dr. CHAN Wing Sze, Carmen
Dr. LI Ying Wah, Andrew

Echocardiography Chapter

Coordinators: Dr. LAU Yuk Kong
Dr. LEE Pui Wai, Alex

Hong Kong Core Cardiology Certificate Course Committee

Chairman: Dr. LAU Yuk Kong
Co-Chairmen: Dr. TSUI Kin Lam
Dr. Thomas TUNGGAL

Pacing and Clinical Electrophysiology Chapter

Convener: Dr. CHAN Ngai Yin
Adviser: Prof. LAU Chu Pak

Paediatric Cardiology Chapter

Chairman: Dr. YUNG Tak Cheung

Preventive Cardiology and Cardiac Rehabilitation Chapter

Co-Chairpersons: Dr. LAU Suet Ting
Prof. LAU Chu Pak

Working Group on Cardiac Computed Tomography

Chairman: Dr. WONG Chi Ming



The PCI Fellowship Course

Course Co-Directors:	Dr. CHAN Wai Kwong, Andy
	Dr. CHAN Chi Lin, Jaclyn
	Dr. CHAN Yu Ho
	Dr. HO Kwok Tung, Gordon
	Dr. LAM Ho
	Dr. LO Ka Yip, David
	Dr. TSUI Kin Lam
	Dr. WONG Chi Yuen, Eric

Ninth Congregation cum Opening Ceremony of 27th Annual Scientific Congress, 1 June 2019

The Ninth Congregation cum Opening Ceremony of 27th Annual Scientific Congress was held on 1 June 2019 at the Meeting Room S221, Level 2, Old Wing, Hong Kong Convention & Exhibition Centre. Prof. CHAN Siu Chee, Sophia, JP, Secretary for Food and Health was invited to be the Guest-of-Honour. Distinguished fellowship was conferred on Dr. CHIANG Chung Seung and Dr. WONG Kwok Yiu. Honorary fellowship was conferred on Prof. CHEN Ji Yan, Prof. Eric EECKHOUT and Mr. LIANG Cheung Bui, Thomas in recognition of their outstanding achievements and invaluable contribution to the College.

Fellowship of the College was conferred on the following 42 doctors during the Congregation:

1. Dr. AU Shek Yin, Department of Medicine, Queen Elizabeth Hospital
2. Dr. CHAN Jaclyn Chi Lin, Department of Medicine and Geriatrics, Kwong Wah Hospital
3. Dr. CHAN Kit, Department of Medicine, University of Hong Kong-Shenzhen Hospital
4. Dr. CHAN Yu Ho, Department of Medicine and Geriatrics, Pok Oi Hospital
5. Dr. CHAU Chi Hong, Cardiologist in Private Practice
6. Dr. CHENG Yan Wah, Vinson, Department of Paediatrics & Adolescent Medicine, Alice Ho Miu Ling Nethersole Hospital
7. Dr. CHENG Yuet Wong, Department of Medicine, Queen Elizabeth Hospital
8. Dr. CHEUNG Hung Leong, Department of Cardiothoracic Surgery, Queen Elizabeth Hospital
9. Dr. CHEUNG Ling Ling, Cardiologist in Private Practice
10. Dr. CHUI Ka Lung, Department of Medicine & Therapeutics, Prince of Wales Hospital
11. Dr. CHUNG Shiu Shek, Cardiothoracic Surgeon in Private Practice
12. Dr. CHUNG Yat Kiu, Cardiologist in Private Practice
13. Dr. FONG Ho Fai, Daniel, Department of Medicine and Geriatrics, Princess Margaret Hospital
14. Dr. HO Kwok Tung, Department of Medicine and Geriatrics, Yan Chai Hospital
15. Dr. HUNG Kei Wong, Department of Paediatrics and Adolescent Medicine, Caritas Medical Centre
16. Dr. KAM Ka Ho, Kevin, Department of Medicine & Therapeutics, Prince of Wales Hospital
17. Dr. KO Lap Yan, Ryan, Cardiologist in Private Practice
18. Dr. KWOK Sit Yee, Department of Paediatric Cardiology, Queen Mary Hospital
19. Dr. LAI Sze Wah, Department of Medicine and Geriatrics, Kwong Wah Hospital
20. Dr. LAI Wai Keung, Steve, Cardiologist in Private Practice

21. Dr. LAM Tse Fun, Cathy, Cardiologist in Private Practice
22. Dr. LAU Chun Leung, Cardiologist in Private Practice
23. Dr. LEE Kar Fai, Victor, Cardiologist in Private Practice
24. Dr. LEE Kwok Lun, Department of Medicine, Ruttonjee and Tang Shiu Kin Hospital
25. Dr. LEE Pui Wai, Department of Medicine & Therapeutics, Prince of Wales Hospital
26. Dr. LEE Wei Sze, Eleanor, Department of Medicine, North District Hospital
27. Dr. LI Cho Shan, Cardiologist in Private Practice
28. Dr. LO Ka Yip, David, Department of Medicine & Geriatrics, United Christian Hospital
29. Dr. LUK Ngai Hong, Vincent, Department of Medicine, Queen Elizabeth Hospital
30. Dr. NG Lok Hang, Canice, Department of Medicine and Geriatrics, Princess Margaret Hospital
31. Dr. NG Tit Kei, Department of Medicine and Geriatrics, Kwong Wah Hospital
32. Dr. POON Wai Ling, Jessica, Department of Medicine, Ruttonjee and Tang Shiu Kin Hospital
33. Dr. SO Yui Chi, Cardiologist in Private Practice
34. Dr. SUEN Hon Chi, Cardiothoracic Surgeon in Private Practice
35. Dr. TAN Guang Ming, Department of Medicine & Therapeutics, Prince of Wales Hospital
36. Dr. TSANG Cheuk Hang, Department of Medicine and Geriatrics, Princess Margaret Hospital
37. Dr. TSANG Chun Fung, Sunny, Department of Medicine, Queen Elizabeth Hospital
38. Dr. TSANG Hin Hung, Intensive Care Unit, Kwong Wah Hospital
39. Dr. WONG Ka Lam, Cardiac Medicine Unit, Grantham Hospital
40. Dr. WONG Shung Yee, Department of Medicine, North District Hospital
41. Dr. YAN Chun Ting, Cardiologist in Private Practice
42. Dr. YUNG Chi Yui, Department of Medicine, Ruttonjee and Tang Shiu Kin Hospital



During the ceremony



Honorary Fellows, Distinguished Fellows and Council Members



President and newly admitted Fellows



Dr. CHAN Kam Tim and newly admitted Fellows



Dr. LUK Ngai Hong, Dr. TSANG Chun Fung with their families



Dr. CHAN Yu Ho, Dr. CHENG Yan Wah, Vinson with their families



Dr. TSANG Hin Hung, Dr. TSUI Kin Lam and Dr. Thomas TUNGGAL



Dr. TAM Li Wah, Dr. LAM Tse Fun, Cathy and newly admitted Fellows

Sponsorship for Attendance of Overseas Scientific Conferences

In the past year, our College sponsored 115 Fellows / Members to attend 42 local / overseas scientific conferences.

College Representatives on other Institutions

Hong Kong Heart Foundation

Dr. CHAN Kam Tim
Dr. LAU Yuk Kong
Dr. LI Shu Kin

Institute For Heart Health Promotion Limited

Dr. KO Tak Him, Patrick
Prof. LAU Chu Pak
Dr. TSE Tak Fu

Hong Kong College of Physicians Specialty Board in Cardiology (1 July 2019 – 30 June 2021)

Dr. CHAN Ngai Yin
Dr. CHAN Wing Sze, Carmen

Federation of Medical Societies of Hong Kong

Dr. CHIANG Chung Seung

Heart Care Trust Fund (HKHF)

Dr. WONG Shou Pang, Alexander

Asia Pacific Society of Interventional Cardiology

Dr. CHIANG Chung Seung
Dr. KO Tak Him, Patrick
Dr. LI Shu Kin
Dr. WONG Kwok Yiu, Chris

Resuscitation Council of Hong Kong

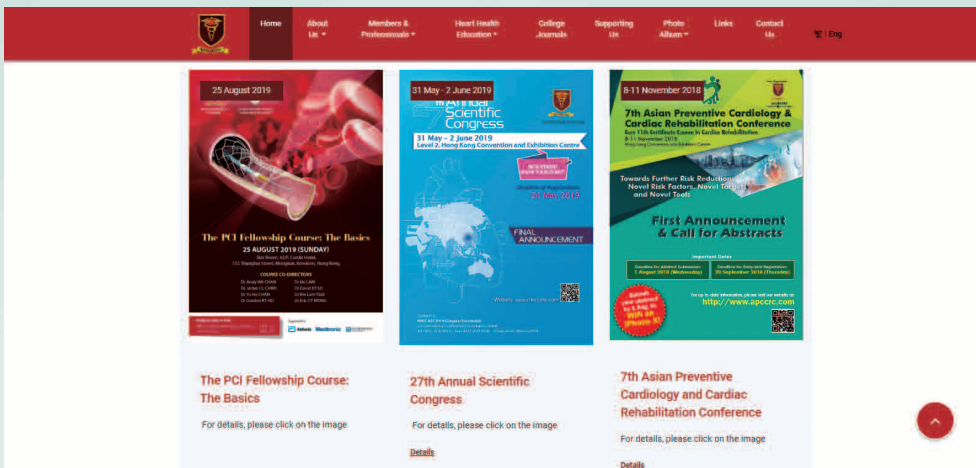
Dr. WONG Kwok Yiu, Chris

HKCC Website Revamp

In order to enhance communications with our members and the public, HKCC website has been revamped and the new version was officially launched in May 2019. Members can now visit the website: <http://hkccchk.com/>

Highlight of the new website

Members and public can easily check out the most updated conference and events on the cover page. Moreover, members can also go to the page on “Professional Education Resources” under the “Members and Professional” column, in which they could download the lecture powerpoints and programme materials after the conferences and courses.



New design



Under the page of Professional Education Resources

A special note to fellows, members and affiliates

For existing fellow, members and affiliates, your Login ID and passwords stay valid and can be used to login to the new web page of “Members only”. For new members, you may contact our secretariat to open a new account. Membership application form can be download from the website..

Website Advisers

Dr. CHAN Ngai Yin

Dr. CHAN Hiu Lam, Ronnie

Dr. CHUI Ka Lung

Dr. KO Lap Yan, Ryan

Dr. LUK Ngai Hong, Vincent

Dr. Thomas TUNGGAL

College Secretariat

Theresa PAN – Senior Executive Officer

Vicki LAU – Senior Executive Officer

Janice LO – Executive Assistant

Sandra WAN – Assistant Clerical Officer

Daisy HO – Project Director, JRFH*

Florence CHAN – Project Officer, JRFH*

Shirin LEE – Project Officer, JRFH*

* Jump Rope for Heart Program

HONG KONG COLLEGE OF CARDIOLOGY
香港心臟專科學院

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**DIRECTORS' REPORT AND
FINANCIAL STATEMENTS
YEAR ENDED 31 DECEMBER 2018****CONTENTS**

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(All amounts in Hong Kong Dollars unless otherwise stated)



HONG KONG COLLEGE OF CARDIOLOGY

香港心臟專科學院

(A COMPANY LIMITED BY GUARANTEE AND NOT HAVING A SHARE CAPITAL)

COLLEGE'S INFORMATION

PRESIDENT

Dr. Lau Yuk Kong

PRESIDENT-ELECT

Dr. Chan Ngai Yin

HONORARY SECRETARY

Dr. Chan Wai Kwong, Andy

HONORARY TREASURER

Dr. Leung Tat Chi, Godwin

HONORARY AUDITOR

Patrick Wong C.P.A. Limited

HONORARY LEGAL ADVISER

Mrs. Peggy Cheung

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Dr. Chan Wing Sze, Carmen

Dr. Cheng Cheung Wah, Boron

Dr. Lau Suet Ting

Dr. Lee Kwok Lun

Prof. Siu Chung Wah, David

Dr. Tsui Kin Lam

Dr. Tunggal Prabowo

Prof. Yu Cheuk Man

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HONG KONG COLLEGE OF CARDIOLOGY

香港心臟專科學院

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China Merchants Charitable Foundation Limited	Rotary Club of Kwai Chung Hong Kong
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Great Eagle Company Limited	SECO Living Company Limited
Hong Kong Sanatorium & Hospital	The Hong Kong Heart Foundation Limited
Ho Iu Kwong Charity Foundation Limited	The Hong Kong Jockey Club Charities Trust
Manulife Financial Asia Limited	Tung Wah Hospital
Mason Administrative Services Limited	Zuelling Pharma Limited

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