



HONG KONG COLLEGE
OF CARDIOLOGY

ANNUAL REPORT 2020-2021



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President's Message



Despite a year of ongoing COVID-19 pandemic, with the concerted and dedicated effort of the Council Members of Hong Kong College of Cardiology, I am extremely proud to look back and share with you our rich and fruitful journey in professional education and heart health promotion in the past year!

We collaborate, we connect and we close the gaps! We continue to treasure strong collaboration with international cardiac societies and local organizations in synergizing the outcomes of professional education. American College of Cardiology, European Society of Cardiology and Korean Society of Cardiology remain to work closely with us in producing high-quality joint sessions in the Annual Scientific Congress. Cardio-Oncology is a newly developed subspecialty in cardiology. To keep up with the need for professional education in this important area, we collaborated with the British Cardio-Oncology Society in producing the first joint session in the same Congress. Furthermore, we have co-organized with the Society of Cardiovascular Magnetic Resonance in a joint virtual symposium in June 2021 with over 600 participants from 62 countries attended. On the other hand, we collaborated with Hong Kong Society of Transcatheter Endocardiovascular Therapeutics, for the first time, in putting together a "Hong Kong session" in the Endovascular Cardiac Complications meeting in the same month. This year, we continue to extend our reach for the allied health cardiovascular professionals. The Society of Hospital Pharmacists of Hong Kong joined us, together with Hong Kong Cardiac Nursing Association and Hong Kong College of Cardiac Nursing, in co-organizing the Allied Cardiovascular Health Professional Symposium in our Annual Scientific Congress.

Medical social collaboration is another key for improving heart health in the community of Hong Kong. To prevent cardiovascular diseases more effectively, our College has led the formation of the Task Force on Prevention of Cardiovascular Diseases. Patient groups and non-governmental organization, namely Care For Your Heart, The Hong Kong Stroke Association, The Hong Kong Society of Rehabilitation, St. James' Settlement and The Hong Kong Alliance of Patients' Organisation are core members of the task force.

COVID-19 pandemic is a foe limiting physical human contact and communication. Yet it is also a friend unleashing our potential and imagination in professional education and intellectual exchange. In the 8th virtual Asian Preventive Cardiology and Cardiac Rehabilitation Conference, we attracted a record-high number of over 1,400 participants. We broke it right away by nearly 2,000 participants in the hybrid 29th Annual Scientific Congress!



President's Message

Engagement of our members and fellows has been laid down as one of my strategic directions on taking up of presidency of the College last year and engagement is not possible without connection. We have successfully launched the HKCC mobile app for streamlined connection with our members, fellows and the citizens. The establishment of the Heart Health Channel, H2C in short, is another hallmark strategy for our College to connect with the general public. It is a highly resourceful and professionally-endorsed website in heart health. Our ambition is to make it well-known to all Hong Kong citizens who would visit H2C as their first choice for heart health information whenever they need to do so.

Cardiovascular medicine is a rapidly advancing field both in its scope and complexity of each subspeciality. Our College has been progressively increasing her scope of activities by establishing new chapters. In the year of 2020, the Cardiovascular Intervention Chapter has been formed and with the superior leadership by Dr CHAN Wai Kwong, a full range of professional educational programs were initiated successfully. In addition, 2 new chapters, namely the Adult Congenital Heart Diseases Chapter and the Sports and Exercise Cardiology Chapter have been inaugurated during the 29th Annual Scientific Congress.

Advocacy of heart health in the community of Hong Kong is an important mission of our College. Healthy diet with zero trans fat has been the central theme of our heart health campaign in the past 1 to 2 years. We have therefore expressed our stern support in response to the consultation on proposed amendments to the harmful substances in food regulations (Cap. 132AF). On the other hand, in response to the remarkable concerns on the cardiovascular safety, we have issued guidance notes on COVID-19 vaccination for both the doctors and general public.

Without the unfailing support of my dream team, which consists of the office bearers, Dr. CHAN Wai Kwong, Andy, Dr. LEUNG Tat Chi, Godwin and Dr. TSUI Kin Lam, and all the Council members, none of the above could be accomplished. It has been a quick, busy and challenging 2-year for me as a President of our College. I have little doubt that my successor will bring our College to a greater height!

Dr. CHAN Ngai Yin
President
Hong Kong College of Cardiology
July 2021

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 the 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 Cardiovascular Interventional Summit 2020 was held on 25-27 December 2020 at the InterContinental Shenzhen, Shenzhen, China. It was one of the main and international meetings in cardiovascular intervention in 2020. The College continued to co-organize the Hong Kong Core Cardiology Certificate Course with the Hong Kong Public Hospital Cardiologists Association. Module 6 was held on 22 November 2020 with excellent response and feedback and Module 7 will be held on 25 July 2021. To adapt to the highly dynamic situation resulting from the COVID-19 pandemic, the 8th Asian Preventive Cardiology and Cardiac Rehabilitation Conference (APCCRC) was held on 28-29 November 2020 in the form of a virtual conference. It provided an excellent opportunity for sharing of experience in a broad range of topics in preventive cardiology and cardiac rehabilitation for doctors and allied health professional in Hong Kong and other parts of the world. Furthermore, a public forum was held for the Hong Kong citizens. The HKCC SCMR Symposium 2021 (Virtual) was successfully held on 26-27 June 2021 and nearly 700 faculty and participants from 62 countries and regions attended the meeting. The 29th Annual Scientific Congress of the College was held on 9-11 July 2021 in a hybrid format. Notably, a record-high number of 2,438 registrations was achieved. Many renowned international experts in cardiovascular medicine contributed to a highly educational and provocative program. Strong international collaboration was one of the hallmarks, as exemplified by joint sessions with the American College of Cardiology, European Society of Cardiology, Korean Society of Cardiology and British Cardio-Oncology Society (BCOS).

To strengthen and enhance the core missions of the College, Scientific Committee and Public Health Education Committee continue to promote professional education and public health education in heart diseases. Both committees involve many of our younger enthusiastic fellows. Throughout the year, the College and its various chapters have also organized local scientific programmes which have all been very well received and attended. Importantly, two new chapters, namely Adult Congenital Heart Diseases Chapter and Sports and Exercise Cardiology Chapter have been inaugurated at the 29th Annual Scientific Congress. The major objectives of these two chapters are to promote professional education and awareness in these currently under-emphasized areas in cardiovascular medicine.



The College has also actively organized various community activities to promote cardiovascular health. The Jump Rope for Heart Program continues its recruitment of school children for the promotion of heart health through rope skipping. Several other activities for heart health promotion were also launched. The World Heart Day Carnival, which is scheduled to be held at end of 2021 in a hybrid format, will create a yearly climax of heart health promotion to the general public in Hong Kong.

Regarding professional training, the College continues to support cardiology trainees and fellows to pursue advanced training in cardiovascular medicine in world-renowned overseas centres through the Hong Kong Heart Foundation Cardiology Training Fellowship Programme and Dr. C O PUN and Dr. Mary B L KWONG Scholarship.

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 gratitude to all our members and supporters. The College will pledge to continue her mission with clear and strong will in the years to come.

Dr. LEUNG Tat Chi, Godwin
Hon. Secretary
Hong Kong College of Cardiology
July 2021

Report on Scientific Activities

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 missions 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 Disease, 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 member trainees followed by fellows of HKCC / HKPHCA will have priority for enrollment.



Capacity

50 / module

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 6: Hypertension, Preoperative Consult, Cardiac Rehabilitation, Miscellaneous Diseases & Heart, 22 November 2020 (Virtual)

The module was held virtually on 22 November 2020 (Sunday). It was successfully held and well-received with 154 participants from the field of Cardiology and related specialties attended.

TIME	TOPICS	SPEAKERS
08:30-09:00	Registration Starts	
Chairpersons: Dr. KO Tak Him, Patrick and Dr. LEUNG Tat Chi, Godwin		
09:00-10:00	Systemic Hypertension <ul style="list-style-type: none">• Diagnosis & assessment, goal of therapy• Lifestyle modification & pharmacological therapy with the latest guidelines	Prof. CHEUNG Man Yung, Bernard
10:00-10:30	Systemic Hypertension <ul style="list-style-type: none">• Management in resistant hypertension, hypertensive emergencies, recent CVA	Dr. WONG Yiu Tung, Anthony
10:30-11:00	Morning Break	
Chairpersons: Dr. LAM Ho and Dr. TAM Kin Ming		
11:00-12:00	Pre-operative assessment <ul style="list-style-type: none">• Common cardiac consult• Preoperative assessment with pre-existing or suspected cardiac heart diseases, and when & what further testing needed?• Perioperative care, anticoagulation & antiplatelet therapy	Dr. LEE Kwok Lun
12:00-12:20	Endocrine disorders & heart	Dr. WOO Yu Cho
12:20-13:20	Lunch	
Chairpersons: Dr. CHAN Wing Sze, Carmen and Dr. YUNG Chi Yui		
13:20-14:20	Pregnancy & Cardiac Disease <ul style="list-style-type: none">• Valvular heart diseases and anticoagulation• Arrhythmia in pregnancy• Hypertension and preeclampsia• Common congenital heart diseases• Pulmonary hypertension• Peripartum cardiomyopathy	Dr. SHEA Pui Gi, Catherine

TIME	TOPICS	SPEAKERS
14:20-14:40	Rheumatological diseases & heart	Dr. IP Ling Ling
14:40-15:10	Afternoon Break	
Chairpersons: Dr. FUNG Chi Yan, Raymond and Dr. Thomas TUNGGAL		
15:10-16:10	Cardiac rehabilitation & secondary prevention <ul style="list-style-type: none"> • Cardiac rehabilitation • Secondary prevention 	Prof. YU Cheuk Man
16:10-16:40	Examination	Dr. Thomas TUNGGAL
16:40-17:00	Round Up & Closing Remarks	

A total of 52 participants took the examination and the passing rate was 77%. Online evaluation forms were distributed to participants after the course. A total of 80 forms were received. On the whole, the feedback was very positive, most delegates were very satisfied (71.3%) with the course and many expressed gratefulness to the passionate organizers. The topics covered by the course were regarded as very practical, relevant and useful for daily clinical management and treatment.

Participants' Feedback for Module 6

Participants had been asked to rate 11 questions against a scale from 1 (strongest disagree) to 5 (strongest agree). The specific responses are as follows:

		Module 6
1.	Do you agree that this course has achieved its stated objectives?	4.15
2.	Do you agree that the course meets your training needs?	4.20
3.	Do you agree the course is practical for use in your workplace?	4.17
4.	Do you agree that the course meets your level of interest and understanding?	4.16
5.	Do you agree that the course is clearly and logically organized?	4.19
6.	Do you agree that the speaker is able to enhance participants' learning in the course?	4.14
7.	Do you agree that the learning material (if any) are practical and are good reference for participants?	4.10
8.	Do you agree that there is enough time for questions from participants?	3.99
9.	Do you agree that the course duration is appropriate?	4.02
10.	Do you agree that the logistic arrangement of the course (e.g. enrollment, venue set-up, etc.) is appropriate?	4.14
11.	Do you agree that you are satisfied with this course?	4.15

Module 7: Critical Cardiac Care, Cardiac Oncology, Cryptogenic Stroke & Echo in Daily Practice, 25 July 2021

The Ballroom, Level 7, Cordis, Hong Kong

The module will be held on 25 July 2021 (Sunday) at the Ballroom, level 7, Cordis, Hong Kong, 555 Shanghai Street, Mongkok, Kowloon, Hong Kong. The theme is "Critical Cardiac Care, Cardiac Oncology, Cryptogenic Stroke & Echo in Daily Practice", programme as follows:

Time	Topics	Speakers
08:30-09:00	Registration Starts	
Critical care for the cardiologist I		
Chairpersons: Dr. CHAN King Chung, Dr. LI Shu Kin, Dr. WONG Ka Lam		
09:00-09:20	a) Hemodynamic & volume assessment in CCU/ICU	Dr. TSANG Chun Fung, Sunny
09:20-09:40	b) Pharmacological support in hypotensive/shock patient	Dr. TSUI Kin Lam
09:40-10:00	c) Respiratory & ventilation support	Dr. TSANG Hin Hung
10:00-10:25	d) ECMO & troubleshooting <ul style="list-style-type: none"> • Basics • Risks & benefits • Indications & patient selection • Monitoring, troubleshooting & weaning 	Dr. SIN Wai Ching
10:25-10:35	Group discussion and Q&A (Plus tips in passing cardiology exam)	
10:35-11:00	Morning Break	
Critical care for the cardiologist II		
Chairpersons: Dr. CHAN Chi Kin, William, Prof. LAU Chu Pak, Dr. LEE Kwok Lun		
11:00-11:15	e) Impella: Indications, technique & groin care	Dr. CHAN Ka Chun, Alan
11:15-11:25	f) IABP: Indications, set-up & troubleshooting	Dr. LO Ka Yip, David
11:25-11:35	g) CPR devices & its use in catheterization lab	Dr. CHAN Chi Pan, Kevin
11:35-12:00	h) What you need to know & look for with echo for medical emergency & urgency	Dr. LAU Yuk Kong
12:00-12:10	Group discussion and Q&A (Plus tips in passing cardiology exam)	
12:10-13:10	Lunch	
Everything you need to know about echocardiography in daily clinical practice		
Chairpersons: Dr. LI Ying Wah, Andrew, Dr. TAM Chi Ming, Dr. YIP Wai Kwok, Gabriel		
13:10-13:30	a) How to perform a good echo with optimization (in limited time)?	Dr. IP Ling Ling, Lina
13:30-13:50	b) Common mistakes in echo measurement & assessment (M mode, 2D & doppler)	Dr. WONG Chi Yuen, Eric
13:50-14:00	c) Advance echo	Dr. KAM Ka Ho, Kevin Prof. LEE Pui Wai, Alex Dr. LAM Yui Ming
14:00-14:20	• 3D: Technique & image acquisition	
14:20-14:40	• TEE: Technique & image acquisition	
14:40-14:50	Group discussion and Q&A (Plus tips in passing cardiology exam)	
14:50-15:15	Afternoon Break	
Chairpersons: Dr. CHAN Ngai Yin, Dr. CHAN Wai Kwong, Andy, Dr. CHUI Shing Fung		
15:15-15:40	Aortic dissection & aneurysm: How not to miss & its management?	Dr. TAM Kin Ming
15:40-16:05	Cancer & cardiologists: Cardio-oncology	Dr. CHAN Wing Sze, Carmen
16:05-16:25	Cryptogenic stroke - the role of a cardiologist	Dr. LAM Cheung Chi, Simon
16:25-16:35	Group discussion and Q&A (Plus tips in passing cardiology exam)	
16:35-17:05	Examination	
17:05-17:10	Round Up & Closing Remarks	

8th Asian Preventive Cardiology & Cardiac Rehabilitation Conference (APCCRC), 28-29 November 2020

The 8th Asian Preventive Cardiology & Cardiac Rehabilitation Conference was successfully held from 28-29 November 2020 in a fully virtual format with a record-breaking number of 1,446 participants attending the conference.

The unprecedented challenge from the COVID-19 pandemic is huge but yet has motivated us to be more innovative in professional education. The theme of this year's APCCRC was "Cardiovascular Disease Management and Cardiac Rehabilitation in the Era of COVID-19 Pandemic", featuring a comprehensive program in preventive cardiology and cardiac rehabilitation via a virtual platform. A public lecture was held on 29 November to educate patients, their carers and the general public to enhance awareness of cardiovascular diseases and improve the attitude and behaviour in self-management.

Opening Ceremony

Dr. KO Pat Sing, Tony, Chief Executive of Hospital Authority of Hong Kong and Dr. CHAN Ngai Yin, Co-Chairman, Executive Committee of APCCRC 2020 and President of the Hong Kong College of Cardiology officiated the Opening Ceremony. An opening video with compliments from the Executive Committee and our Faculty was specially produced to kick-off the Conference.

Programme

The following symposia and workshops were organized:

Symposium

- Symposium 1: Cardiac Rehabilitation in Heart Failure Symposium
- Symposium 2: Hong Kong Heart Foundation Symposium
- Symposium 3: Heart Failure Symposium
- Symposium 4: Hypertension and AF Symposium
- Symposium 5: Cardiac Rehabilitation & COVID-19 Symposium
- Symposium 6: Lipid Symposium
- Symposium 7: e-Cardiac Rehabilitation Symposium
- Symposium 8: Cardiovascular Risk Factors Symposium

Workshop for Allied Healthcare Providers

- Cardiac Rehabilitation & COVID-19 "Virtual Reality": 2 Sessions

Public Lecture

新冠肺炎：心臟病患者是高危一族？	曾振峯醫生（伊利沙伯醫院內科副顧問醫生） 余佩芝醫生（瑪麗醫院心臟科副顧問醫生）
運動抗疫護身心	曾振峯醫生（伊利沙伯醫院內科副顧問醫生） 余佩芝醫生（瑪麗醫院心臟科副顧問醫生）
起動！齊運動	張秀儀小姐（香港復康會適健中心一級物理治療師）



Abstracts

Best Paper Award

A total of 68 abstracts (including one withdrawal) were received. Fifteen were selected for oral presentations and fifty-two were selected for poster presentations. Six abstracts were short-listed for the Best Paper Awards. Dr. CHAN Kam Tim, Dr. CHIANG Chung Seung and Dr. MOK Ngai Shing were invited to be judges of the Best Paper Award Presentation Session on 28 November 2020. The abstracts were marked according to originality, scientific value, educational value and presentation skills. Below were the total scores of the 6 papers:

1. Effectiveness of Technology-Assisted Cardiac Rehabilitation: A Systematic Review and Meta-Analysis
by Ms. Mei Sin CHONG, Hong Kong (30 points)
2. The Effect of Mobile Phone-based Interventions for Controlling Blood Pressure in Patients with Uncontrolled Hypertension Grade II
by Dr. Niyata Hananta KARUNAWAN, Indonesia (29 points)
3. Association between Acute Hyperglycemia and Fatal Arrhythmia in Previously Diabetic Patients with STEMI
by Dr. Surenjav CHIMED, Mongolia (26 points)
4. Recent Trends in Out-of-hospital Cardiac Arrest (OHCA) Outcomes in Singapore in the Era of COVID-19
by Dr. Qin Xiang NG, Singapore (30 points)
5. The Benefits of Home Based Telemonitored Cardiac Rehabilitation Exercise Program among Patients with Reduced Ejection Fraction Heart Failure: Its Significance on Covid-19 Pandemic
by Dr. Vienna ROSALINDA, Indonesia (35 points)
6. What Factors that Elderly Patients with Heart Failure 90 Years Old or More Should Obtain due to Get Their Independence Gait for 50m Continuous?
by Mr. Satoru HANADA, Japan (36 points)

The following 2 papers were selected for Best Paper Awards

Dr. Chu-Pak Lau Best Paper Award for Preventive Cardiology	Dr. Suet-Ting Lau Best Paper Award for Cardiac Rehabilitation
Dr. Qin Xiang NG (paper #32)	Mr. Satoru HANADA (paper #54)

Forty-five e-posters were received finally and presented via the virtual platform.

Cardiovascular Interventional Summit Hong Kong 25-27 December 2020

InterContinental Shenzhen, Shenzhen, China

The Cardiovascular Interventional Summit Hong Kong 2020 was successfully held on 25-27 December 2020 at InterContinental Shenzhen in China. A pre-recorded welcome message by Dr. CHAN Ngai Yin had been broadcasted in the opening ceremony on 26 December 2020 and Dr. SUEN Hon Chi was a speaker and shared a case on 27 December 2020.

HKCC SCMR Symposium 2021 (Virtual), 26-27 June 2021

The Hong Kong College of Cardiology (HKCC) joined hands the second time with the Society for Cardiovascular Magnetic Resonance (SCMR) in hosting HKCC SCMR Symposium 2021 in Hong Kong on 26-27 June 2021. This symposium was fully virtual and registration was free of charge.

Nearly 700 faculty and participants from 62 countries and regions attended the meeting.

There was a total of 60 invited faculty and case presenters from Canada, Germany, Hong Kong, India, Iran, Italy, Malaysia, Singapore, South Africa, Taiwan, Thailand, UK, US and Vietnam contributing to the rich scientific program.

There was a total of 8 symposia with 25 lectures and 20 case presentations.

There were two Tea Break Lectures and one Luncheon Symposium which were supported by sponsors

One Tea Break Lecture was on the hot topic on "COVID-19 and the heart".

A total of 34 cases were submitted and 13 of them were selected for the competition session.

The winners of the Interesting/ Challenging Case Competition are as follows:

1. Jonan LEE (Hong Kong)
– Title: Mass in Left Atrial Appendage - Not Always a Clot
2. RAMAKRISHNA N (India)
– Title: IgG4 Related Disease Mimicking Right Atrial Mass
3. Sara TYEBALLY (UK)
– Title: All-clear in The Kidneys, But a Troubled Heart

Results on Polling:

- Speaker with the highest number of votes: YEUNG Lok Hang (Hong Kong)
- The winner who selected the speaker with the highest number of votes: LEUNG Tat Chi Godwin (Hong Kong)
- Three Winners who got the highest scores in the Quiz on Technologists Case Presentation:
 1. Vimal Chacko MONDY (India)
 2. LAM Kin Kuok (Hong Kong)
 3. LEE Tsz Fung (Hong Kong)

29th Annual Scientific Congress (Hybrid) 9-11 July 2021

Hong Kong Convention and Exhibition Centre

The 29th Annual Scientific Congress was successfully held from 9-11 July 2021 in a hybrid format at Hong Kong Convention and Exhibition Centre. A rich educational program consisting of 3 parallel tracks, 33 sessions and 95 talks were put together by the organizing committee. There was a total of 161 invited faculty members. Notably, a record-high number of 2,438 registrations was achieved.

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 Prof. YAN Ping Yen, Bryan. Advisers 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. KWOK Sit Yee, Dr. LEE Kwok Lun, Dr. LO Ka Yip, David, Dr. LUN Kin Shing, Dr. Thomas TUNGGAL and Dr. WONG Ka Lam.

Apart from various theme-based symposia, special educational sessions with different collaboration partners, targeted audience and teaching format were organized. Guidelines And Practice: Clinical Case Based Conference (GAP-CCBC) was held in the afternoon of 9 July 2021. Allied Cardiovascular Health Professionals Symposium was held in the morning of 10 July 2021. Paediatric Cardiology Symposium was held on 10 July 2021. Cardiology Course for Family Physicians and General Practitioners and Cardiovascular Therapeutics Workshop were held on 11 July 2021. The Hong Kong Heart Foundation Lecture held in the afternoon of 10 July 2021 was delivered by Prof. YAN Ping Yen, Bryan and chaired by Dr. CHAN Ngai Yin right after the Opening Ceremony. This year, 4 international joint sessions were presented in collaboration with the American College of Cardiology European Society of Cardiology Korean Society of Cardiology and British Cardio-Oncology Society (BCOS).

The Opening Ceremony held on 10 July 2021 was officiated by Prof. LI Kam Tao, Philip, President of Hong Kong College of Physicians and Dr. CHAN Ngai Yin, Chairman of Organizing Committee and President of Hong Kong College of Cardiology.

Breakdown in Registrations and Attendance

Categories	No. of Person(s) registered	No. of Attendance (Virtual)	No. of Attendance (Physical)
HKCC Fellow / Member / Affiliate	273	223	38
Physician (Non-HKCC Member)	649	441	22
Trainee	84	50	2
Abstract Presenter	45	31	8
Allied Health Professional	951	722	36
Medical Student	63	32	6
Industry Partner	212	127	14
Faculty	161	90	99
Total	2438	1716	225

157 abstracts were submitted, of which 44 were accepted for oral presentation, 83 were selected for poster presentation and 26 were withdrawn/declined. There were a total of 7 awards presented this year and details were as follows:

The winner of the Best Paper Award was:

Presenter: Dr. AU Chi-Kin (Hong Kong SAR)

Title: A Novel Cardiac Resynchronization Implantation Approach under Electrocardiographic Imaging Guidance with Physiological Pacing Options for Better Resynchronization in Non-Left Bundle Branch Block patients.

The winner of the Best Cardiac Intervention Case Award was:

Presenter: Dr. Robin HS CHEN (Hong Kong SAR)

Title: Running Out of Options! Hybrid Percutaneous Pulmonary Valve Implantation With Surgical Right Ventricular Outflow Tract Plication

The winner of the Best Clinical Cardiology Case Award was:

Presenter: Dr. CHING Shing (Hong Kong SAR).

Title: The Danger of DDDR

The winner of the Abstract Presentation Award was:

Presenter: Mr. TSUI Lok Him (Hong Kong SAR).

Title: Prognostic Value of Pre-operative Left Atrial Strain on All-cause Mortality in Patients Who received Aortic Valve Replacement For Severe Aortic Stenosis

The winner of the Best Poster Award was:

Presenter: Dr. Timothy CY KWOK (Hong Kong SAR)

Title: The Impact of Hyperhomocysteinemia, MTHFR Genotype and Air Pollution (PM2.5) on Atherogenesis in Modernizing China

The winner of the Best Paediatric Abstract Award was:

Presenter: Dr. XU Zhouyuan (China)

Title: Clinical Features And Prognosis of Chinese Childhood Pulmonary Arterial Hypertension-related Gene Mutation Carriers

The winner of the Best Paediatric Clinical Cardiology Case Award was:

Presenter: Dr. Robin HS CHEN (Hong Kong SAR)

Title: Prospective, Single arm, Single-center Pilot Study on The Safety and Efficacy of The Sterile Transcatheter Pulmonary Valve and Delivery System

The details of the joint sessions are as follows:

Joint BCOS-HKCC Session: Cardio-oncology in 2021: Pearls of Clinical Practice was held in the afternoon of 9 July 2021

1. Cardiovascular complications of immune checkpoint inhibitors – a new clinical problem
Dr. Aya El HELALI (Hong Kong SAR)
2. Integrating and organizing cardiac imaging and biomarkers in cardio-oncology: which, when and how frequent?
Dr. Alexander LYON (United Kingdom)
3. Cardiac dysfunction in oncology patient: when and how to intervene?
Dr. Alexander LYON (United Kingdom)
4. Management of atrial fibrillation in cancer patients
Dr. CHAN Yat Sun, Joseph (Hong Kong SAR)
5. How to set up cardio-oncology service?
Prof. Stuart ROSEN (United Kingdom)



European Society of Cardiology @HKCC ASC: Pulmonary Hypertension was held in the afternoon of 10 July 2021.

1. Pathophysiology of pulmonary hypertension
Prof. Jean-Luc VACHIERY (Belgium)
2. Current status of pulmonary hypertension treatment: focusing on pulmonary artery denervation
Prof. CHEN Shao Liang (China)
3. Current treatment modalities of pulmonary hypertension
Prof. Nazzareno GALIE (ITALY)
4. Right heart dysfunction and tricuspid regurgitation in pulmonary hypertension
Dr. YIU Kai Hang (Hong Kong SAR)

Korean Society of Cardiology @HKCC ASC: Cardiac Imaging was held in the morning of 11 July 2021.

1. Cryptogenic stroke and PFO: Role of an imaging specialist
Prof. Jae-Kwan SONG (Korea)
2. Myocardial ischemia without obstructive CAD
Dr. CHAN Hiu Lam, Ronnie (Hong Kong SAR)
3. Molecular imaging for cardiac amyloidosis
Prof. Seung Pyo LEE (Korea)

American College of Cardiology @HKCC ASC: Women Heart Health was held in the morning of 11 July 2021.

1. CVD in women - There is so much work to be done!
Dr. Malissa WOOD (US)
2. Women heart health during pregnancy
Dr. SHEA Puigi, Catherine (Hong Kong SAR)
3. Sex-specific cardiovascular risk factors in women
Dr. Athena POPPAS (US)
4. Pulmonary hypertension in women
Dr. FAN Yue Yan, Katherine (Hong Kong SAR)

Guidelines And Practice: Clinical Case Based Conference (GAP-CCBC) was held in the afternoon of 9 July 2021.

1. Rotational angioplasty in treatment of calcified lesions with incomplete stent apposition
Prof. LI Chuang (China)
2. AMI and AD with multivalvular heart disease – a case report
Dr. XU Han (China)
3. PCI for 2 cases of ischemic cardiomyopathy with cardiac dysfunction
Dr. YANG Shi-wei (China)
4. Multi-modality approach of a refractory DVT total occlusion
Dr. CHEN Liwei (Taiwan)
5. Left bundle branch pacing as a physiological pacing alternative to cardiac resynchronization therapy in patients with heart failure and left bundle branch block
Dr. CHAN Kit, Jacky (Hong Kong SAR)

6. Anti-mitochondrial antibodies associated myopathies with cardiac involvement
Dr. CHU Man-fong (Macao SAR)
7. Profile of frailty and antithrombosis therapy in elderly patients with AF and stable CAD
Dr. WANG Zheng (China)
8. Reversible pulmonary artery hypertension in a youth
Dr. ZHANG Chun-ying (China)
9. Iatrogenic RCA perforation and post PCI coronary aneurysm
Dr. WANG Ta-jung (Taiwan)
10. PCI supported by ECMO cycle in acute myocardial infarction – case report
Dr. LIU Dan (China)
11. Volume controlled reperfusion method during PPCI in STEMI patients, LGE-cMRI assessment and theoretical hypothesis
Prof. HE Ji-fang (China)
12. The heart can't bear the weight
Dr. GUO Yun-fei (China)

Co-organized with Hong Kong Cardiac Nursing Association Ltd, Hong Kong College of Cardiac Nursing Ltd and The Society of Hospital Pharmacists of Hong Kong, the Allied Cardiovascular Health Professionals Symposium in the 29th Annual Scientific Congress was held in the morning of 10 July 2021.

The Organizing Committee members included Dr. CHAN Wai Kwong, Andy, Ms. CHIU Sin Hing, Mr. CHUI Chun Ming, William, Ms. Jackie SL KAN and Dr. LO Kai Yip, David. The theme this year was on “Heart Failure Service in Hong Kong During the COVID Pandemic”. The details of the program were as follows:

1. Nurse-led heart failure service in Hong Kong
Ms. CHEUNG Heung Wan (Hong Kong SAR)
2. The pharmaceutical care for patients with heart failure
Ms. CHAN CY, Amy (Hong Kong SAR)
3. Preparedness of cardiac catheterization laboratory for COVID-19
Ms. CHAN Yu Ki (Hong Kong SAR)
4. Left ventricular assist device
Dr. WONG Ka Lam (Hong Kong SAR)

The Paediatric Cardiology Symposium in the 29th Annual Scientific Congress was held on 10 July 2021 and the theme this year was on “Sudden Cardiac Death in the Young”. The details of the program were as follows:

1. Sudden cardiac death in the young – Past, present and future
Prof. Michael ACKERMAN (US)
2. Sudden arrhythmia death syndrome in Chinese young population
Dr. XU Mingguo (China)
3. Molecular autopsy and family counselling in sudden cardiac death
Dr. LUK Ho Ming (Hong Kong SAR)
4. Hong Kong SADS – “NO ONE LESS” 一個都不能少
Dr. MAK Chloe & Dr. KWOK Sit Yee & Dr. CHEUNG Li Li (Hong Kong SAR)



5. Inherited cardiovascular service – Design, reality and challenge
Prof. Jonathan SKINNER (New Zealand)
6. Clinical approach for survivors of cardiac arrest in the young
Prof. Jonathan SKINNER (New Zealand)
7. New thoughts on ECG screening and pre-sport participation evaluation?
Dr. HAI Siu Han, Jo Jo (Hong Kong SAR)
8. Genetics of arrhythmias: Utility in clinical decision making
Prof. Andrew DAVIS (Australia)
9. Primary prevention of SCD in paediatric cardiomyopathies
Dr. SHI Zhou, Julia & Dr. TSAO Siu Ling, Sabrina (Hong Kong SAR)

The Cardiology Course for Family Physicians and General Practitioners was held on 11 July 2021 and details of the program were as follows:

1. COVID 19 and the heart. What have we learned?
Dr. LEE Kang Yin, Michael
2. Preventing and treating heart failure with SGLT2- inhibitor
Dr. CHAN Yu Ho
3. How shall we manage hyperuricaemia in patients with cardiovascular comorbidities?
Dr. CHAN Ngai Yin
4. Atrial Fibrillation Better Care (ABC) Pathway: An integrated approach
Dr. CHAN Kit, Jacky
5. Which new HFrEF treatment for which patient?
Dr. LEUNG Tat Chi, Godwin
6. Single, double or triple antithrombotic therapy? When less is more
Dr. HO Hung Kwong, Duncan
7. Non-statin therapies & LDL-C lowering
Dr. KWOK On Hing, Vincent
8. How to recognize and manage patients with worsening heart failure?
Dr. WONG Ka Lam
9. The evolution of hypertension management: From guidelines to clinical practice
Prof. Krzysztof NARKIEWICZ (Poland)
10. Cardiovascular health in major transitions: pregnancy, menopause and other gynecological conditions
Dr. CHAN Wing Sze, Carmen
11. Exercise recommendation in children with heart problem
Dr. YUNG Tak Cheung
12. Update on Kawasaki disease and latest guidelines
Dr. CHEUNG Wai Yin, Eddie

A joint session with the Hong Kong Association of Sports Medicine and Sports Science was held in the afternoon of 11 July 2021. The details of the program were as follows:

1. History and development of sports medicine and the role of sports cardiology, local and international perspectives?
Prof. YUNG Shu Hang, Patrick
2. Application of cardiovascular medicine to Hong Kong elite training program in Hong Kong Sports Institute
Dr. SO Chi Hung Raymond
3. Cardiovascular and overall health benefits of exercise to the community with special reference to the Covid pandemic
Prof. Lobo LOUIE
4. Athlete heart syndrome and its implications in pre-participation physical examination
Prof. FUNG Yee Mun, Erik
5. Cardiovascular effects of deconditioning pandemic, potential myocardial injuries and return to play
Dr. MAK Yiu Kwong, Gary
6. Case-based management of cardiovascular diseases / SCD in athletes - from guidelines to clinical practice
Dr. CHAN Kit, Jacky

The Cardiovascular Therapeutics Workshop was a new addition and enrichment to the educational programs of Annual Scientific Congress of HKCC. This new teaching session was characterized by being of small group, image and video-based and interactive. It was held in the morning of 11 July 2021 with details as follows:

1. OCT Hands-on Workshop
Dr. CHAN Kwong Yue, Eric & Dr. LAM Cheung Chi, Simon & Dr. YUNG Sze Yue, Arthur
2. IVUS Workshop
 - IVUS-guided Rotablation Workshop
Dr. Satoru MITOMO (Japan)
 - Past and current coronary calcification management
Dr. LAM Ho
 - Use of Rotapro: tips and tricks
Dr. FUNG Chi Yan, Raymond
3. His Purkinjee Conduction System Pacing Workshop
 - His Purkinjee conduction system pacing: a stepwise approach for beginners
Dr. CHAN Ngai Yin
 - His Purkinjee conduction system pacing - case sharing (1)
Dr. CHENG Yuet Wong
 - His Purkinjee conduction system pacing - case sharing (2)
Dr. YUNG Sze Yue, Arthur
4. Advanced S-ICD Implantation Techniques to Improve Clinical Outcomes Workshop
 - Why do we consider intermuscular placement in de novo implantation and replacement of S-ICD?
Prof. TSE Hung Fat
 - Advanced S-ICD implant technique to minimize inappropriate shock?
Dr. Ji-hyun LEE (Korea)

Other Local Scientific Programmes Besides Chapter Activities 2020-2021

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 Committee of local scientific symposia: Dr. CHAN Wai Kwong, Andy (Chairman), Dr. CHAN Hiu Lam, Ronnie and Dr. WONG Ka Lam.

The major scientific symposia organized during 1 September 2020 – 31 July 2021 are listed as follows:

Date	Theme	Speakers	Moderators
23 September 2020	Multidisciplinary Perspectives on AF Management	1) Prof. KONG Pik Shan, Alice (Hong Kong SAR) 2) Prof. SZETO Cheuk Chun (Hong Kong SAR) 3) Prof. LEE Pui Wai, Alex (Hong Kong SAR)	Dr. YAM Ping Wa (Hong Kong SAR)
24 September 2020	From trials to practices: Think ahead when prescribing a NOAC for your patients	Prof. Georg NICKENIG (Germany)	Dr. CHAN Kwok Keung (Hong Kong SAR)
29 September 2020	Post-ESC scientific update: What's new on chronic heart failure (CHF) management?	Prof. Michael BOEHM (Germany)	Dr. WONG Chi Yuen (Hong Kong SAR)
7 October 2020	Modern approaches to venous thromboembolism & cancer-associated thrombosis	Dr. Alexander COHEN (United Kingdom)	Dr. CHAN Wig Sze, Carmen (Hong Kong SAR) Dr. CHAN Hiu Lam, Ronnie (Hong Kong SAR)
8 October 2020	The exigency for diagnosis of transthyretin amyloidosis – new perspectives in HFPEF	1) Dr. Olivier LAIREZ (France) 2) Prof. TSE Hung Fat (Hong Kong SAR)	Dr. WONG Ka Lam (Hong Kong SAR)
4 December 2020	The recent advances of antiplatelet use after PCI	Prof Usman BABER (USA)	Dr. LEE Kwok Lun (Hong Kong SAR)
10 December 2020	Management of Patients with PAH Best Practice Sharing and the Role of PH Designated Unit	1) Dr. Katherine FAN (Hong Kong SAR) 2) Dr. WONG Ka Lam (Hong Kong SAR)	Dr. CHAN Yu Ho (Hong Kong SAR)

Date	Theme	Speakers	Moderators
14 January 2021	Demystifying Transthyretin Amyloid Cardiomyopathy (ATTR-CM) – The state-of-the-art Approach to Diagnosis and Treatment	Prof. LEE Pui Wai, Alex (Hong Kong SAR) Dr. CHEUNG Shing Kee (Hong Kong SAR)	Dr. YUNG Chi Yui (Hong Kong SAR)
2 March 2021	Redefining the Therapeutic Goals of Atrial Fibrillation	Dr. Robert P. GIUGLIANO (USA)	Dr. AU YEONG Chi Keung (Hong Kong SAR) Dr. CHEN Ji Yan (China) Dr. CHEN Wen Jone (Taiwan) Dr. JING Zhi Cheng (China) Dr. LIN Li Jen (Taiwan) Dr. TSE Tak Sun (Hong Kong SAR)
5 March 2021	Applying Evidence from Clinical Practice in Atrial Fibrillation: Treatment Decisions and Considerations	Dr. Robert P. GIUGLIANO (USA)	Dr. CHANG Wei Tien (Taiwan) Dr. CHAO Tze Fan (Taiwan) Dr. HUANG Kai (China) Dr. KAM Ka Ho, Kevin (Hong Kong SAR) Dr. TSUI Kin Lam (Hong Kong SAR) Dr. YANG Bing (China)
29 April 2021	What's new in AF management after NOAC evolution in the last decade?	Prof Jan STEFFEL (Switzerland)	Dr. CHOI Man Chun (Hong Kong SAR) Dr. LAU Kui Kai, Gary (Hong Kong SAR)
9 June 2021	The emerging role of dual-pathway inhibition in Peripheral Artery Disease	Prof. Thomas VANASSCHE (Belgium)	Dr. FUNG Chi Yan, Raymond (Hong Kong SAR)

The page of HKCC Lunch / Evening Scientific Symposium under HKCC website has been officially launched (please add the date of launching). Members and fellows of HKCC can view on demand the videos of past webinars organized by the College.

Report on Community Heart Health Activities

World Heart Day 2021 (世界心臟日)

Initiated by the World Heart Federation (WHF), World Heart Day is scheduled on the 29th of September every year. Heart health promotional activities under the umbrella of World Heart Day are launched all over the world. The mission is to increase global awareness of heart disease and promote heart health attitude and behaviour.

Events

Due to the ongoing COVID-19 pandemic, the College will organize the World Heart Day activities in both physical and virtual formats in 2021.

The slogan for World Heart Day campaign in Hong Kong this year is 護心公式你要識：3 低 1 高 0 反式。 Heart health promotion this year will thus be focused on healthy diet consisting of 3 Low's (low fat, low sugar, low salt), 1 High (high fiber) and 0 Transfat.

The following activities will be organized:

- World Heart Day Live Show in hybrid format
- Public heart health talks scheduled on Sundays in the months from August to December 2021 at the Central Library, Hong Kong Red Cross Headquarters, and via online platform
- World Heart Day Drawing Competition via an online platform
- World Heart Day Press Conference
- World Heart Day series to be published in Heart Health Channel (H2C) with a resourceful collection of heart health educational articles and videos will be produced

World Heart Day Steering Committee

Chairperson: Dr. CHAN Ngai Yin

Dr. CHAN Wai Kwong, Andy

Members: Dr. CHAN Chi Kin, William
Dr. CHAN Ka Chun, Alan
Dr. CHAN Kam Tim
Dr. CHAN Leung Kwai, Jason
Dr. CHAN Wing Sze, Carmen
Dr. CHAN Kwok Keung
Dr. CHIANG Chung Seung
Dr. FONG Ping Ching

Dr. KO Tak Him, Patrick
Prof. LAU Chu Pak
Dr. LAU Suet Ting
Dr. LAU Yuk Kong
Dr. LEUNG Tat Chi, Godwin
Dr. LI Shu Kin
Dr. TSUI Kin Lam
Dr. Prabowo TUNGGAL

Run for Heart Sub-Committee

Chairperson: 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. UN Ka Chun, Timothy
Dr. WONG Tai Hung, John

Women Heart Health Campaign

Cardiovascular disease is the No. 1 killer of women, causing 1 in 3 deaths each year in the world. To respond to this very dangerous signal, the College is dedicated to enhance the knowledge on cardiovascular diseases and heart health among men and women alike by producing a series of educational videos and mass promotion in different channels of social media in order to raise awareness in the community as well as patients and their caregivers.

The Press Conference which announced “Results on Women Heart Health Survey” was held on 4 May 2021 at H6 CONET. Invited speakers were Dr. CHAN Hiu Lam, Ronnie, Dr. CHAN Wing Sze, Carmen, and Dr. Katherine FAN. More activities will be launched soon.

HKCC Heart Health Channel (香港心臟專科學院健康頻道 H2C)

Editor-in-Chief	Dr. CHAN Ngai Yin
Editorial Board Members	Dr. CHAN Ka Chun, Alan Dr. CHAN Kam Tim Dr. CHAN Kit, Jacky Dr. CHAN Leung Kwai, Jason Dr. CHAN Wai Kwong, Andy Dr. CHAN Yu Ho Dr. FUNG Chi Yan, Raymond Dr. KWAN Wing Shan, Iris Dr. LAU Yuk Kong Dr. LEUNG Tat Chi, Godwin Dr. Thomas TUNGGAL Dr. WONG Chi Yuen Prof. YU Cheuk Man Dr. YUEN Ho Chun

HKCC Heart Health Channel (H2C) has been launched in 2020, with the aim of providing a resourceful website with professional heart health information for the general public in Hong Kong. With better heart health awareness, cardiovascular disease prevention can be achieved via a positive change in attitude and behaviour.

The editorial board of H2C is formed with 15 cardiologists. All the uploaded articles and videos are viewed and approved by the editorial board. People have free access to all materials on various cardiovascular diseases. Live heart health activities can also be broadcasted via the H2C live channel.

Moreover, the World Heart Day webpage has been incorporated into H2C website. The general public can view both previous and current information on World Heart Day activities. Furthermore, the members of the editorial board will publish articles regularly in the college column to provide updated heart health information to the public. In order to arouse better interests of the general public in heart health, the College will hold different campaigns and interactive heart health activities via H2C. Last but not least, the College welcomes questions on heart health via H2C. The editorial board members will select and answer.



Jump Rope for Heart Program (JRFH) (跳繩強心) 2020-2021

In this academic year (2020-2021), 94 schools (70 primary schools, 12 secondary schools and 12 kindergartens) have joined Jump Rope for Heart Program. However, school extra-curricular activities were greatly affected by the COVID-19 pandemic. As a result, 10 JRFH schools could not finish the program this year and have applied for one-year postponement.

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. Unfortunately, this remarkable annual event was cancelled again this year owing to the ongoing COVID-19 outbreak in Hong Kong.

Half-day training workshops were conducted at 4 JRFH kindergartens in March and April 2021. These half-day workshops were to replace the traditional whole-day workshops (held once or twice per year) which were terminated owing to the COVID-19 pandemic. A total of 42 teachers were trained the skills of teaching students rope skipping with safety measures and how to organize JRFH activities at schools. Very positive response was received.

Instead, a newly designed online event "JRFH online rope skipping competition 2021" was organized in April 2021, with the aim of keeping the interests in rope skipping among students and encouraging parent-children skipping. The response was satisfactory and we received a total of 295 entries. Participants received an electronic certificates according to their performance. Top skippers in each group (a total of 12 groups) were awarded medals.

The Rotary Club CPR & AED Education Project 2020/2021 was jointly organized by HKCC, Rotary Club of Hong Kong Northeast and St. John Ambulance Association. Like previous years, the JRFH secretariat helped to recruit teachers to join. A total of 81 teachers registered for the course this year. 45 and 36 teachers attended the course on 22 May and 6 June 2021 respectively.

The Joyful Fruit Month 2021 – School Fruit Promotion Project is jointly organized by HKCC and Department of Health. HKCC has agreed to provide funding support with a maximum of HK\$2,000 for 75 schools (total HK\$150,000). 60 applications were received and all were successfully approved.

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 style 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)

Report on Activities of Committees, Chapters and Others

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 2021/2022.

Awardees under Hong Kong Heart Foundation Fellowship 2021/2022:

Start Date	Awardee
(1) Jul 2021	Dr. CHIANG Chi Shing, Michael Dr. CHIANG of Queen Elizabeth Hospital has started the training programme of 12 months in Structural Heart Disease at Henry Ford Hospital & Medical Centers in United States of America.

Other awardees are:

- (2) Dr. CHAN Yap Hang, Will of Queen Mary Hospital
- (3) Dr. FANG Jonathan Xinguo of Queen Mary Hospital
- (4) Dr. LI Andrew Vincent of Kwong Wah Hospital

Dr. C O PUN and Dr. Mary B L KWONG Scholarship – 2021/2022

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.

Awardee under Dr. C O Pun and Dr. Mary B L Kwong Scholarship – 2021/2022:

Dr. CHIANG Chi Shing, Michael from Department of Medicine, Queen Elizabeth Hospital, will start a training programme in the field of Structural Heart Disease at Henry Ford Hospital, Michigan, USA for a period of 12 months commencing from 1 July 2021.

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. CHAN Ngai Yin
Dr. CHAN Wai Kwong, Andy (Co-Chairman)	Dr. CHAN Wing Sze, Carmen
Dr. CHAN Chi Kin, William	Dr. CHIANG Chung Seung
Dr. CHAN Chi Lin, Jaclyn	Dr. LAM Ho
Dr. CHAN Hiu Lam, Ronnie	Dr. LEE Kwok Lun
Dr. CHAN Kwok Keung	Dr. LEUNG Tat Chi, Godwin

Committee members actively involve & assist in organizing various scientific activities for the College.

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

Editorial Board

Co-Editors-in-Chief	Dr. CHAN Ngai-Yin,	Prof. SIU Chung Wah David
Co-Editors	Prof. LAU Chu Pak,	Prof. YAN Ping Yen Bryan
Editorial Board - Local	Dr. CHAN Yat Sun, Joseph Prof. LEE Pui Wai, Alex Dr. MOK Ngai Shing	Dr. YIU Kai Hang Prof. YU Cheuk Man
Editorial Board – International (as of 23 April 2021)	Prof. Charalambos ANTONIADES Prof. Marianne BRODMANN Dr. HUANG Hsuan Li Prof. Takanori IKEDA Dr. Yoshio KOBAYASHI Prof. KIM Hyung Kwan Dr. Michael PAPADAKIS	Dr. Shinji Koba Dr. LEE Jong Young Dr. LEE Pil Hyung Prof. Masato NAKAMURA Prof. Hiroyuki OKURA Dr. YU Wen Chung

Journal of the Hong Kong College of Cardiology (JHKCC) has a long history of publishing scientific original articles in cardiovascular medicine. HKCC enthusiastically would like to target our journal to be indexed in Pubmed in a time-frame of 2 to 4 years with the following subspecialized areas:

1. Coronary intervention and structural heart intervention
2. Cardiac electrophysiology and pacing
3. Preventive cardiology and cardiac rehabilitation
4. Echocardiography and cardiac imaging
5. Peripheral arterial and venous intervention

The JHKCC would publish quarterly with a minimum of 4 original articles per issue and will be presented in e-version instead of printed version in the future. Please support our Journal by submitting articles stay tuned for the brand-new version of JHKCC!

Newsletter

The College has published the College Newsletter December 2009. The Co-Editors are Dr. LEUNG Tat Chi, Godwin and Dr. Thomas TUNGGAL.

As not every member of the College can 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.

Two issues of the Newsletter were published in December 2020 and June 2021.

Allied Cardiovascular Health Professional Committee

Chairman of Allied Cardiovascular Health Professionals Committee:

Dr. CHAN Wai Kwong, Andy

Honorary Adviser on Continuing Nursing Education (CNE programme/activity planner):

Prof. Thomas K. S. WONG

Adult Congenital Heart Diseases Chapter

The Adult Congenital Heart Diseases Chapter was newly established during the 29th Annual Scientific Congress on 11 July 2021. The main objectives are to promote professional education and public awareness on adult congenital heart diseases.

Advisers: Dr. TSUI Kin Lam and Dr. YUNG Tak Cheung

Conveners: Dr. WONG Chi Yuen, Eric, Dr. TSAO Siu Ling, Sabrina

Chapter Members: Dr. CHOW Pak Cheong, Dr. CHEN Hay Son, Robin, Dr. LAM Cheung Chi, Simon, Dr. SHEA Pui Gi, Catherine, Dr. KAM Ka Ho, Kevin, Dr. SO Chak Yu, Kent



Cardiovascular Intervention Chapter

Established in August 2020, the Cardiovascular Intervention (CVI) Chapter under the Hong Kong College of Cardiology (HKCC) is dedicated to promote professional education in cardiovascular intervention for cardiologists, fellows-in-training and cardiovascular allied health professionals. We stride to enhance the standard of cardiovascular intervention in Hong Kong.

We focus on four areas and set up four subgroups as follows:

HKCC CVI Pearls Electronic book (eBook):

We hope to create a platform for our experienced cardiologists to share with our colleagues especially our fellows their most important pearls and wisdoms in various aspects in the field of percutaneous cardiovascular interventions. The ebook is in powerpoint format for easy reading. Illustrations of tips and tricks through case examples, diagrams and cine images are encouraged. We hope this eBook can serve the purpose of transferring our collective wisdom of CVI onto our younger generation.

Hong Kong Complex Cardiovascular Intervention (HKCCI):

We organize Hong Kong Complex Cardiovascular Intervention (HKCCI) conference in virtual or hybrid format half-yearly targeting mainly our interventional cardiologists. Emphasis is put on updated and advanced cardiovascular intervention knowledge and techniques. Well-known overseas faculties would be invited to join our meeting as moderators, speakers and panelists.

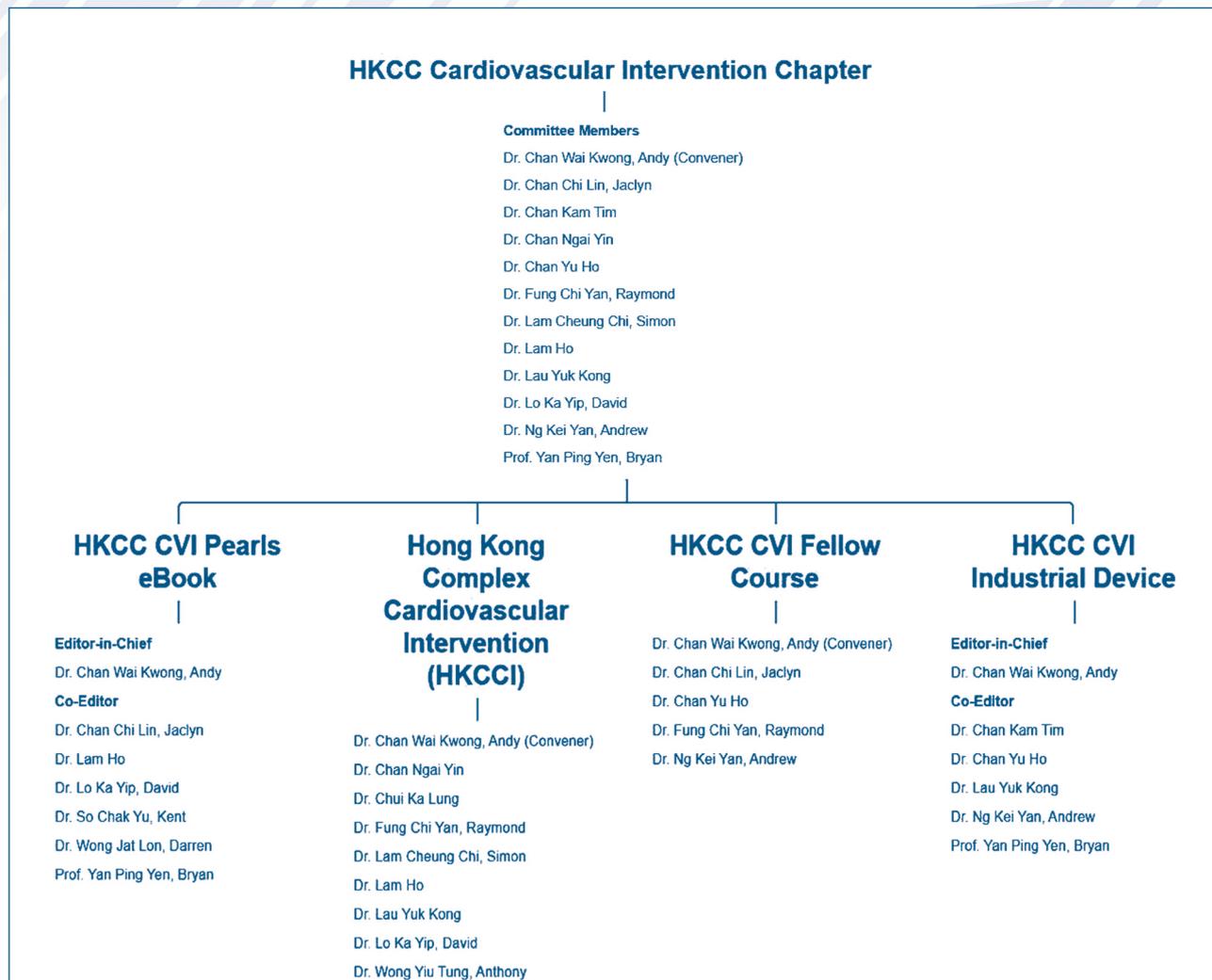
HKCC CVI Fellow Course:

We organize CVI Fellow Course in virtual or hybrid format quarterly targeting mainly our cardiology fellows. Emphasis is put on basic, safe, and effective techniques. Step-by-step and how-to approach with real case examples are adopted.

HKCC CVI Industrial Device Webpage:

Device technologies in the field of cardiovascular intervention advance very rapidly. We seek to collaborate with the device companies and invite them to contribute product videos or lectures especially about newer devices with emphasis on technical details, and tips and tricks for safe and effective use of the devices. We hope this webpage can serve as a platform for our colleagues to get a better understanding of these important devices.

Structure of HKCC CVI Chapter:



Activities of HKCC CVI Chapter:

Date	Activities
31 October 2020	CVI Fellow Course One: Percutaneous Coronary Intervention for STEMI patients
12 December 2020	HKCCI 2020: My Most Unforgettable Case in 2020
27 February 2021	CVI Fellow Course Two: Vascular Access and Complications Management
7 May 2021	CVI Fellow Course Three: Bifurcation Lesion Management
5 June 2021	HKCCI 2021: My Most Thrilling Case in The Past 3 Years
7 August 2021	CVI Fellow Course Four: Calcified Lesions Management



Cardiovascular MRI & CT Chapter

Cardiovascular MRI & CT Chapter is newly formed by combining the Cardiovascular MRI Chapter and the Cardiac CT working group with the following Mission / Objectives:

- To promote professional application of cardiovascular MRI and CT
- To promote professional education, interests and awareness in cardiovascular MRI and CT
- To provide a platform for sharing of updated experiences and knowledge via case-based learning in cardiovascular MRI and CT.

Advisers: Dr. CHAN Kam Tim, Dr. LAU Yuk Kong and Dr. WONG Chi Ming

Conveners: Dr. CHAN Hiu Lam, Ronnie and Dr. CHAN Wing Sze, Carmen

Members: Dr. CHAN Kin Yin, Anna, Dr. CHEUNG Chi Wai, Stephen (Radiology Trainer), Dr. LEE Wei Sze, Eleanor, Dr. LI Ying Wah, Andrew and Dr. WONG Ka Tak, Jeffrey (Radiology Trainer)

7th Scientific Meeting of Cardiovascular Magnetic Resonance Imaging (CMR) Chapter, 15 December 2020

The 7th Scientific meeting of CMR Chapter was held on 15 December 2020 via virtual platform, with a theme of CMR: COVID My Read.

Programme Highlight:

Chairpersons & Panelists:

Dr. CHAN Hiu Lam, Ronnie, Dr. CHAN Wing Sze, Carmen, Dr. George THORNTON (UK), Dr. CHEUNG Chi Wai, Stephen Dr. LI Ying Wah, Andrew and Dr. Daniel CHEN (UK)

Lecture/Case topic	Speaker(s)
COVID My Read: Sharing on UK Experience	Dr. Thomas TREIBEL
COVID My Read: Sharing on HK Experience	Dr. NG Ming-Yen
Case sharing from UK	Dr. George THORNTON and Dr. Daniel CHEN
Case sharing from HK	Dr. NG Ming-Yen

Echocardiography Chapter

Echocardiography Chapter (Echo Chapter) of the Hong Kong College of Cardiology aims to promote education, training and interests in echocardiography among members and other clinicians, and to provide a forum for sharing of experience and knowledge in echocardiography. The Conveners of the Chapter are Dr. LAU Yuk Kong and Dr. LEE Pui Wai, Alex. The Committee Members include Dr. CHAN Lip Kiong, Dr. CHUI Ka Lung, Dr. KAM Ka Ho, Dr. LAM Chun Wai, Willis, Dr. LAM Yui Ming, Dr. LEUNG Kwok Fai, Dr. LI Ying Wah, Andrew, Dr. WONG Chi Yuen and Dr. YIU Siu Fung.

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.

7th Scientific Meeting of Echocardiography Chapter, 27 March 2021 (Virtual)

The 7th meeting was successfully held virtually on 27 March 2021 (Saturday). The event was well received with 126 participants from various specialties attending the meeting. We were honoured to have overseas faculty, Prof. Kazuaki NEGISHI, Professor of Medicine, Faculty of Medicine and Health, University of Sydney and Consultant Cardiologist, Nepean Hospital presented “Why, when, and how do I perform speckle tracking echocardiography for patients with cardiomyopathy?”. Six interesting and challenging cases were shortlisted for presentation and the winners of the case competition were Dr. LEE Jeffrey Chun Yin from Grantham Hospital presenting “A Dilated Right heart with an Interesting Shunt” and Dr. WONG Chun Kit, Martin from Princess Margaret Hospital presenting “A Man with Nonresolving Pneumonia”.

Scientific Program:

Time	Topic	Speaker
14:00 – 14:05	Opening Remarks	Dr. LAU Yuk Kong
Interesting / Challenging Case Competition Judges: Dr. KAM Ka Ho, Kevin, Dr. LAU Yuk Kong, Dr. LAM Yui Ming, Prof. LEE Pui Wai, Alex, Dr. WONG Chi Yuen, Eric Chairpersons: Dr. LEUNG Kwok Fai, Dr. LI Ying Wah, Andrew		
14:05-14:18	An On-going Leak?	Dr. Karl CHAN
14:18-14:31	Trespasser from Below	Dr. CHING Shing
14:31-14:44	Massive Congenital Cardiac Rhabdomyoma	Dr. HUI Chuk Man
14:44-14:57	A Dilated Right Heart with an Interesting Shunt	Dr. LEE Jeffrey Chun Yin
14:57-15:10	A Man with Nonresolving Pneumonia	Dr. WONG Chun Kit, Martin
15:10-15:23	Not Just a Stenosis	Dr. WONG Shing Lung
15:23-15:33	Break	
Chairpersons: Dr. CHUI Ka Lung, Dr. YIP Wai Kwok, Gabriel, Prof. YU Cheuk Man		
15:33-15:53	Why, When, and How Do I Perform Speckle Tracking Echocardiography for Patients with Cardiomyopathy?	Prof. Kazuaki NEGISHI
15:53-16:13	Chronic Kidney Disease and the Heart	Dr. KAM Ka Ho, Kevin
16:13-16:33	Fabry cardiomyopathy: An under-diagnosed but treatable cause of LVH in Southern China	Prof. LEE Pui Wai, Alex
16:33-16:43	Q&A Session	
16:43-16:50	Award Presentation	
16:50-16:55	Closing Remarks	Prof. LEE Pui Wai, Alex

8th Scientific Meeting of Echo Chapter, 14 August 2021

Star Room, Level 42, Cordis, Hong Kong

The 8th Meeting will be held on 14 August 2021 (Saturday) at Star Room, Level 42, Cordis, Hong Kong, 555 Shanghai Street, Mongkok, Kowloon, Hong Kong. The theme of the meeting is “Imaging in Pulmonary Hypertension”. The course will include lectures from renowned speakers and interesting/challenging echo case competition. (Winners will have certificates and gifts from HKCC).



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.

Annual General Meeting 2021

The Annual General Meeting 2021 of the Paediatric Cardiology Chapter of the Hong Kong College of Cardiology was held virtually by Zoom on 25 February 2021 at 6:45 p.m. Annual Report of the Paediatric Cardiology Chapter 2020 and the Accounts for the year ended 31 December 2020 of the Chapter were considered and adopted.

Scientific Meetings of Paediatric Cardiology Chapter

1. 24 September 2020 - Virtual

The Scientific Meeting of the Paediatric Cardiology Chapter was held virtually on 24 September 2020. Dr. Lawrence CN CHAN, Associate Consultant, Department of Paediatrics, Prince of Wales Hospital presented “Neurogenic Stress Cardiomyopathy in the PICU” and Dr. Kevin KH KAM, Associate Consultant, Division of Cardiology, Department of Medicine & Therapeutics, Prince of Wales Hospital presented “Takotsubo Syndrome: What a cardiologist should know?”

The Moderator was Dr. MOK Chi Fung, Geoffrey, Hon Secretary of the Paediatric Cardiology Chapter. The meeting was well attended by 44 participants.

2. 12 December 2020 – Virtual

The Paediatric Cardiology Symposium was held virtually on 12 December 2020. This was the first time that the Hong Kong Society of Pediatric Cardiology co-organize this half-day symposium. The theme of the symposium was “Kawasaki disease: diagnosis, acute treatment, and long-term management of cardiovascular complications.” The symposium has been well received and 259 participants from various specialties attended.

3. 25 February 2021- Virtual

The Scientific Meeting of the Paediatric Cardiology Chapter was held virtually on 25 February 2021. Dr. Ivan LEUNG, Resident Paediatrician and Dr. Vinson CHENG, Associate Consultant, Department of Paediatrics and Adolescent Medicine, Alice Ho Miu Ling Nethersole Hospital were speakers of the meeting and the title of their presentation was “A rare case of coronary artery aneurysm (CAA) in a Chinese boy”. Dr. Simon TO, Associate Consultant, Department of Paediatrics, Queen Elizabeth Hospital presented “Dancing Hands”. The moderator was Dr. MOK Chi Fung, Geoffrey, Honorary Secretary of the Chapter. The meeting was well attended by 57 participants.

4. 27 May 2021 - Virtual

The Scientific Meeting of the Paediatric Cardiology Chapter was held virtually on 27 May 2021. Dr. CHEN Hay Son, Robin, Consultant Cardiologist, Hong Kong Children's Hospital presented “3D Printing & Management of Congenital Heart Diseases”. The moderator was Dr. WONG May Ling, Dora, Committee Member of the Chapter. The meeting was well attended by 30 participants.

Sports and Exercise Cardiology Chapter

Conveners

Dr. LEUNG Tat Chi, Godwin

Dr. MAK Yiu Kwong, Gary

Core Members

Dr. CHAN Hiu Lam, Ronnie

Prof. Erik FUNG

Dr. CHAN Kit, Jacky

Dr. Jo Jo HAI

Dr. CHAN Leung Kwai, Jason

Dr. Thomas TUNGGAL

Dr. CHAN Ngai Yin

Dr. WONG Tai Hung, John

Dr. CHAN Wing Sze, Carmen

Dr. WONG Kin Tak

Dr. CHAN Yu Ho

Prof. YU Cheuk Man

Dr. FUNG Chi Yan, Raymond

Dr. YUNG Tak Cheung

The Sports and Exercise Cardiology Chapter was newly established during the 29th Annual Scientific Congress on 11 July 2021. The main objectives are as follows:

1. To promote the cardiovascular and overall health benefits of regular exercise in the community
2. To contribute to the cardiovascular health of athletes and exercising individuals of all ages
3. To provide professional education in sports and exercise cardiology

Activities:

A. Education

1. To educate the cardiology trainee through integrating sports and exercise cardiology topics into the core cardiology course organized by HKCC.
2. To organize sports and exercise cardiology courses for HKCC members/fellows and other physicians who are interested in this area.

B. Forum

1. To organize regular small-scale forum for chapter members for professional exchange of experience, discussion on important publications and challenging cases.
2. To organize larger-scale forum for discussion of important or controversial topics in sports and exercise cardiology with HKCC members/fellows and other physicians who are interested in this area.

C. Networking and Partnership

1. To establish partnership with other organizations dedicated to sports medicine and cardiovascular care, major sports institutes and academics dedicated to sports and exercise research
2. To network with sports and exercise professionals like team physicians, sports physiotherapist, fitness trainers and coaches, sports physiologists and psychologists.



Preventive Cardiology and Cardiac Rehabilitation Chapter

The Preventive Cardiology and Cardiac Rehabilitation Chapter under Hong Kong College of Cardiology was established in January 2014. The aim is to promote professional education in preventive cardiology and cardiac rehabilitation and to improve the knowledge, attitude and behavior related to heart health in the general public. A major task of this chapter is to organize a biennial regional conference named “Asian Preventive Cardiology and Cardiac Rehabilitation Conference”. The 8th Asian Preventive Cardiology and Cardiac Rehabilitation Conference was successfully held on 28-29 November 2020 at the Hong Kong Convention and Exhibition Centre. The membership of the Chapter is as follows:

Advisers:	Dr. LAU Suet Ting	Prof. LAU Chu Pak
Co-chairpersons:	Dr. CHAN Ngai Yin	Dr. CHAN Wing Sze, Carmen
Members:	Dr. KWONG Shu Keung, Alex Dr. CHEONG Yan Yue, Adrian Dr. CHOI Man Chun Dr. CHOW Siu Lun, Eddie Ms. NG Yuk Man (Physiotherapist) Ms. Charmain TAN (Dietitian) Mr. Wilson CHAN (Occupational therapist)	Dr. LEUNG Wai Suen, Albert Dr. LEUNG Kai Chi Prof. LI Sheung Wai, Leonard Mr. CHENG Tak Lai, Dick (Nurse) Dr. FAN Yue Yan, Katherine Dr. FUNG Chi Yan, Raymond Dr. KWAN Wing Shan, Iris

Pacing and Clinical Electrophysiology Chapter

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

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

The aim of the Chapter is to promote professional education in pacing and clinical electrophysiology. Furthermore, the Chapter also aims to enhance public awareness in different heart rhythm disorders. The local procedural data on cardiac implantable electronic device implantation and catheter ablation is collected each year and is submitted to the Asia-Pacific Heart Rhythm Society for publication in the White Book. The Chapter is also supporting the Fire Services Department (FSD) in a new initiative named the “AED Anywhere for Anyone (AAA)” program. Dr. CHAN Ngai Yin (Convener) took part in the shooting of a promotion video for this new initiative. An educational video on atrial fibrillation for the general public was launched in December of 2020. Dr. CHAN Ngai Yin and Prof. YU Cheuk Man took part in the video shooting.

Advocacy and Professional Statement

Proposed Amendments to the Harmful Substances in Food Regulations (Cap. 132AF)

10 March 2021

Dr Edwin Lok-Kin TSUI

Controller

Centre for Food Safety

Via email: harmful-sub-consultation@fehd.gov.hk

Dear Dr Tsui,

Re: Proposed Amendments to the Harmful Substances in Food Regulations (Cap. 132AF)

The Hong Kong College of Cardiology (HKCC) is pleased to know that the Centre for Food Safety has proposed to regard partially hydrogenated oils "PHOs" as a prohibited substance in food in the Harmful Substances in Food Regulations, by prohibiting the sale of any food (including edible fats and oils) containing PHOs and the import of any edible fats and oils containing PHOs. We also support the proposed amendment regarding hydrogenated oils in the prepackaged food labelling requirement in the Food and Drug (Composition and Labelling) Regulations. We fully support the proposed amendments with the aim to remove PHO and industrially produced trans fatty acids (IP-TFA) from our food supply.

The main dietary source of intake of TFA is from food produced with PHO. The harmful effects of TFA are well proven. Consumption of TFA is strongly associated with increased risk of coronary heart disease. TFA increases level of LDL-cholesterol, one of the most important risk factors for cardiovascular disease, and decreases level of good HDL-cholesterol. The World Health Organization (WHO) estimates that TFA intake is responsible for more than half a million premature deaths from coronary heart disease each year around the world. Clinical studies have found that for every 2% increase in energy intake from TFA, the risk of heart disease increases by 23%. In order to reduce the threat of TFA to heart health, many countries around the world have responded to the WHO's call to eliminate IP-TFA. Heart disease is the third most common cause of death in Hong Kong. Elimination of IP-TFAs from the food supply in Hong Kong will help reduce the incidence of cardiovascular disease and its related mortality, which is also the goal of the HKCC.

One of the main objectives of the HKCC is to safeguard the heart health of the Hong Kong citizens. To respond to the WHO's goal of eliminating TFA, the HKCC has been promoting the awareness of the negative health impact of TFA among the public. In the past two years, we have been carrying out a public health education campaign promoting heart healthy diet, advocating ZERO TFA intake. In order to understand and arouse the awareness of the harmful effects of TPA among the public, we conducted a survey on TPA awareness from July to August 2019 and successfully collected more than 600 valid questionnaires. It was found that 36% respondents did not know about TPA; 65% respondents did not know that TFA was more harmful than saturated fat; and 71% respondents did not know that even if the TPA content of the pre-packaged food was marked as zero in the food label, it might still contain small



amount of TPA. Between mid-November and early December 2020, we conducted another survey on high cholesterol awareness, interviewed more than 800 local citizens aged 18 or above. It was revealed that half the respondents did not know that they should avoid TPA in their diet. Besides these two surveys and the related press conferences, we have also produced several educational videos about the harmful effects of high cholesterol and negative health impact of TPA, which can be viewed on our Heart Health Channel (H2C). We believe that public education and adoption of policies to eliminate PHOs from our food supply are complementary.

Once again, the HKCC would like to reiterate our full support for the Centre for Food Safety's proposal, to protect the heart health of the Hong Kong citizens. Elimination of IP-TPA from our food supply promptly and permanently will help Hong Kong citizens reduce their risk of cardiovascular disease. We are eager to work with you on this meaningful initiative and offer our assistance if necessary.

Thank you for your attention!

Dr Ngai-Yin CHAN

President

Hong Kong College of Cardiology

Dr Godwin Tat-Chi LEUNG

Honorary Secretary

Hong Kong College of Cardiology

Guidance Notes on COVID-19 Vaccination Collated via the Federation of Medical Societies of Hong Kong

1. Pre-existing cardiovascular diseases significantly increase the risk of severe complications from COVID-19 infection.
2. The benefit from COVID-19 vaccine in patients with stable cardiovascular diseases or stable cardiovascular risk factors exceeds the risk of severe adverse reaction to the vaccine. Therefore, patients with stable cardiovascular diseases or stable cardiovascular risk factors, and without other contraindications, can receive COVID-19 vaccination.
3. Patients experiencing symptoms like chest pain, shortness of breath, syncope or palpitations should seek medical attention before COVID-19 vaccination.
4. Patients having recent adjustment of medications for chronic medical conditions, e.g. hypertension, should seek the advice from doctors before COVID-19 vaccination.
5. In general, stable patients can have COVID-19 vaccination 3-6 months after acute myocardial infarction, stroke, percutaneous coronary intervention or coronary artery bypass graft surgery. Variation in the period is expected in some patients and should be recommended by the attending cardiologist or cardiac surgeon on an individualized approach.
6. Antiplatelet drugs, e.g. Aspirin, Clopidogrel, Prasugrel and Ticagrelor and oral anticoagulants, e.g. Warfarin, Dabigatran, Rivaroxaban, Apixaban and Edoxaban, should be continued during COVID-19 vaccination. Prolonged direct pressure lasting for 5 to 10 minutes should be applied to the injection site to reduce bleeding or bruising.

References

1. Matsushita K, et al. The relationship of COVID-19 severity with cardiovascular disease and its traditional risk factors: a systematic review and meta-analysis. *Glob Heart* 2020;15:64
2. Driggin E et al. ACC health policy statement on cardiovascular disease considerations for COVID-19 vaccine prioritization. *J Am Coll Cardiol* 2021;77(15):1938-48
3. https://www.drugoffice.gov.hk/eps/do/tc/doc/Safety_Monitoring_of_COVID19_Vaccines_in_Hong_Kong.pdf

Report on College Affairs

Membership

1. As at 13 July 2021, the statistics on the number of members in different categories of membership is as follows:

Distinguished Fellows	8
Honorary Fellows	18
International Fellows	4
Visiting Fellows	10
Retired Fellows	7
Fellows	261
Members	108
Affiliates	87
Total	503

2. The Members of the Council for the year 2020-2021 are as follows:

President	:	Dr. CHAN Ngai Yin
President-Elect	:	Dr. CHAN Wai Kwong, Andy
Hon. Secretary	:	Dr. LEUNG Tat Chi, Godwin
Hon. Treasurer	:	Dr. TSUI Kin Lam
Council Members	:	Dr. CHAN Kwok Keung Dr. CHAN Wing Sze, Carmen Dr. CHAN Yu Ho Dr. FUNG Chi Yan, Raymond Dr. LAU Suet Ting Dr. LEE Kwok Lun Dr. LO Ka Yip, David Dr. Thomas TUNGGAL Dr. WONG Chi Yuen, Eric Dr. YAN Ping Yen, Bryan Prof. YU Cheuk Man
Immediate Past President	:	Dr. LAU Yuk Kong
Past Presidents	:	Dr. CHAN Kam Tim Dr. LI Shu Kin Dr. WONG Kwok Yiu, Chris
Hon. Advisers	:	Dr. CHENG Chun Ho Dr. CHIANG Chung Seung 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 Chapters:

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

Co-Editors-in-Chief : Dr. CHAN Ngai-Yin
Prof. SIU Chung Wah David
Co-Editors : Prof. LAU Chu Pak
Prof. YAN Ping Yen Bryan

Allied Cardiovascular Health Professionals Committee

Chairman : Dr. CHAN Wai Kwong, Andy

Adult Congenital Heart Diseases Chapter

Advisers : Dr. TSUI Kin Lam
Dr. YUNG Tak Cheung
Conveners : Dr. WONG Chi Yuen, Eric
Dr. TSAO Siu Ling, Sabrina

Cardiac Intervention Chapter

Convener : Dr. CHAN Wai Kwong, Andy

Cardiovascular MRI & CT Chapter

Advisers : Dr. CHAN Kam Tim
Dr. LAU Yuk Kong
Dr. WONG Chi Ming
Conveners : Dr. CHAN Hiu Lam, Ronnie
Dr. CHAN Wing Sze, Carmen

Echocardiography Chapter

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

Hong Kong Core Cardiology Certificate Course Committee

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

Pacing and Clinical Electrophysiology Chapter

Adviser : Dr. LAU Chu Pak
Conveners : Dr. CHAN Ngai Yin

Paediatric Cardiology Chapter

Chairman : Dr. YUNG Tak Cheung

Preventive Cardiology and Cardiac Rehabilitation Chapter

Advisers : Dr. LAU Suet Ting
Dr. LAU Chu Pak
Conveners : Dr. CHAN Ngai Yin
Dr. CHAN Wing Sze, Carmen

Sports and Exercise Cardiology Chapter

Conveners : Dr. LEUNG Tat Chi, Godwin
Dr. MAK Yiu Kwong, Gary

HKCC Mobile App

HKCC mobile app has been launched on Google Play and Apple App Store. This app provides a very resourceful platform for HKCC fellows/members on professional activities and the general public on heart health information. Important features are as follows:

- **Course Registration:** Both members and non-members can register for HKCC's meetings and courses through HKCC mobile app. Registered participants can show their QR code while attending physical meetings and courses to document their attendance.
- **Conference Schedule:** Members can check the conference schedule in HKCC mobile app and share the schedule to the phone calendar. Push notification pops out as a reminder.
- **Chat Box:** Members can access HKCC member directory via the HKCC mobile app. Members can also communicate with each other in the chat box function.
- **Voting:** Members can use the voting function in the HKCC mobile app as an interactive function in conference or examination.
- **Online Payment Platform:** Members can pay registration fee for meetings by Paypal via the HKCC mobile app.

Download and Installation

Apple App Store



Google Play



Sponsorship for Attendance of Overseas Scientific Conferences

In the past year, our College sponsored 50 Fellows / Members to attend 6 local / overseas scientific conferences.

College Representatives in 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 2021 – 30 June 2023)

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

American College of Cardiology – HK Chapter

Dr. LAU Yuk Kong

College Secretariat

Theresa PAN – Senior Executive Officer (Office in charge)
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*

The Council

President



Dr. CHAN Ngai Yin

President-Elect



Dr. CHAN Wai Kwong, Andy

Hon. Secretary



Dr. LEUNG Tat Chi, Godwin

Hon. Treasurer



Dr. TSUI Kin Lam

Immediate Past President



Dr. LAU Yuk Kong

Hon. Advisers



Dr. CHENG Chun Ho



Dr. CHIANG Chung Seung



Dr. KO Tak Him, Patrick



Prof. LAU Chu Pak



Dr. TSE Tak Fu

Past Presidents



Dr. CHAN Kam Tim

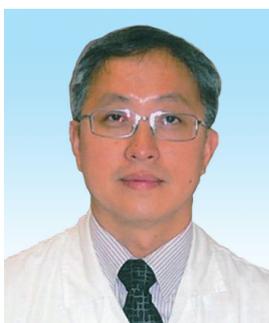


Dr. LI Shu Kin

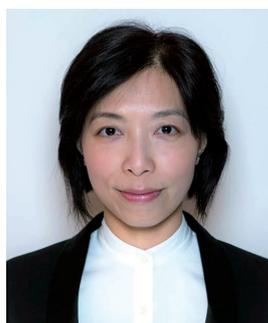


Dr. WONG Kwok Yiu, Chris

Council Members



Dr. CHAN Kwok Keung



Dr. CHAN Wing Sze, Carmen



Dr. CHAN Yu Ho



Dr. FUNG Chi Yan, Raymond



Dr. LAU Suet Ting



Dr. LEE Kwok Lun



Dr. LO Ka Yip, David



Dr. Thomas TUNGGAL



Dr. WONG Chi Yuen, Eric



Prof. YAN Ping Yen, Bryan



Prof. YU Cheuk Man



HONG KONG COLLEGE OF CARDIOLOGY

香港心臟專科學院

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

DIRECTORS' REPORT AND FINANCIAL STATEMENTS YEAR ENDED 31 DECEMBER 2020

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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. Chan Ngai Yin

PRESIDENT-ELECT

Dr. Chan Wai Kwong, Andy

HONORARY SECRETARY

Dr. Leung Tat Chi, Godwin

HONORARY TREASURER

Dr. Tsui Kin Lam

IMMEDIATE PAST PRESIDENT

Dr. Lau Yuk Kong

HONORARY AUDITOR

Patrick Wong C.P.A. Limited

HONORARY ADVISER

Dr. Cheng Chun Ho

Dr. Chiang Chung Seung

Prof. Lau Chu Pak

Dr. Ko Tak Him, Patrick

Dr. Tse Tak Fu

COUNCIL MEMBERS

Dr. Chan Kam Tim

Dr. Chan Kwok Keung

Dr. Chan Wing Sze, Carmen

Dr. Chan Yu Ho

Dr. Fung Chi Yan, Raymond

Dr. Lau Suet Ting

Dr. Lee Kwok Lun

Dr. Li Shu Kin

Dr. Lo Ka Yip David

Dr. Tunggal Prabowo

Dr. Wong Chi Yuen, Eric

Dr. Wong Kwok Yiu, Chris

Prof. Yan Ping Yen, Bryan

Prof. Yu Cheuk Man

BANKERS

Hang Seng Bank Limited

REGISTERED OFFICE

Office Nos. 1116 and 1117, Bank of America Tower,
12, Harcourt Road, Central, Hong Kong



HONG KONG COLLEGE OF CARDIOLOGY

香港心臟專科學院

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

DIRECTORS' REPORT

The directors submit herewith their annual report together with the audited financial statements for the year ended 31 December 2020.

PRINCIPAL ACTIVITY

The College is a non-profit making organization and is principally engaged in medical education.

RESULTS

The financial performance of the College for the year ended 31 December 2020 and of its financial position at that date are set out in the financial statements on pages 52 to 64.

DIRECTORS

The directors of the College during the financial year are as follow:-

Dr. Chan Kam Tim	
Dr. Chan Kwok Keung	
Dr. Chan Ngai Yin	
Dr. Chan Wai Kwong, Andy	
Dr. Chan Wing Sze, Carmen	
Dr. Chan Yu Ho	(Appointed on 23 September 2020)
Dr. Cheng Cheung Wah, Boron	(Resigned on 23 September 2020)
Dr. Fung Chi Yan Raymond	
Dr. Lau Suet Ting	
Dr. Lau Yuk Kong	
Dr. Lee Kwok Lun	
Dr. Leung Tat Chi, Godwin	
Dr. Li Shu Kin	
Dr. Lo Ka Yip David	(Appointed on 23 September 2020)
Dr. Tsui Kin Lam	
Dr. Tunggal Prabowo	
Dr. Wong Chi Yuen, Eric	
Dr. Wong Kwok Yiu, Chris	
Prof. Yan Ping Yen, Bryan	
Prof. Yu Cheuk Man	

All directors retire in accordance with the College's Articles of Association but, being eligible, offer themselves for re-election.

HONG KONG COLLEGE OF CARDIOLOGY

香港心臟專科學院

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

DIRECTORS' REPORT (CONTINUED)

DIRECTORS' INTERESTS IN TRANSACTIONS, CONTRACTS AND ARRANGEMENTS OF SIGNIFICANCE

No transaction, contract and arrangement of significance to which the College was a party and in which a director had a material interest, whether directly or indirectly, subsisted at the end of the year or at any time during the year.

BUSINESS REVIEW

The College falls within reporting exemption for the financial year. Accordingly, the College is exempted from preparing a business review.

PERMITTED INDEMNITY PROVISION

At any time during the financial year and up to the date of approval of this report, there are no permitted indemnity provisions in force for the benefit of one or more directors of the College.

AUDITOR

The auditor, Patrick Wong C.P.A. Limited, Chartered Accountants, Certified Public Accountants (Practising), retire at the Annual General Meeting but, being eligible, offer themselves for re-appointment.

FOR AND ON BEHALF OF THE BOARD

Dr. Chan Ngai Yin
President

Hong Kong



INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF HONG KONG COLLEGE OF CARDIOLOGY

香港心臟專科學院

(INCORPORATED IN HONG KONG AS A COMPANY LIMITED BY GUARANTEE
AND NOT HAVING A SHARE CAPITAL)

Opinion

We have audited the financial statements of Hong Kong College of Cardiology (the "College") set out on pages 52 to 64, which comprise the statement of financial position as at 31 December 2020, and the income and expenditure account, the statement of changes in members' funds and the statement of cash flows for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.

In our opinion, the financial statements give a true and fair view of the financial position of the College as at 31 December 2020, and of its financial performance and its cash flows for the year then ended in accordance with the Hong Kong Financial Reporting Standard for Private Entities ("HKFRS for Private Entities") issued by the Hong Kong Institute of Certified Public Accountants ("HKICPA") and have been properly prepared in compliance with the Hong Kong Companies Ordinance.

Basis for Opinion

We conducted our audit in accordance with Hong Kong Standards on Auditing ("HKSA") issued by the HKICPA. Our responsibilities under those standards are further described in the auditor's responsibilities for the audit of the financial statements section of our report. We are independent of the college in accordance with the HKICPA's Code of Ethics for Professional Accountants ("the Code"), and we have fulfilled our other ethical responsibilities in accordance with the Code. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Information other than the financial statements and auditor's report thereon

The directors are responsible for the other information. The other information comprises the information included in the directors' report, but does not include the financial statements and our auditor's report thereon.

Our opinion on the financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Responsibilities of directors and those charged with governance for the financial statements

The directors are responsible for the preparation of the financial statements that give a true and fair view in accordance with HKFRS for Private Entities issued by the HKICPA and the Hong Kong Companies Ordinance, and for such internal control as the directors determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the directors are responsible for assessing the College's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the directors either intend to liquidate the College or to cease operations, or have no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the College's financial reporting process.

INDEPENDENT AUDITOR'S REPORT TO THE MEMBERS OF HONG KONG COLLEGE OF CARDIOLOGY

香港心臟專科學院

(INCORPORATED IN HONG KONG AS A COMPANY LIMITED BY GUARANTEE
AND NOT HAVING A SHARE CAPITAL)

(CONTINUED)

Auditor's responsibilities for the audit of the financial statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. This report is made solely to you, as a body, in accordance with the Hong Kong Companies Ordinance, and for no other purposes. We do not assume responsibility towards or accept liability to any other person for the contents of this report. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with HKSAs will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with HKSAs, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the College's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the directors.
- Conclude on the appropriateness of the directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the college's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the College to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

PATRICK WONG C.P.A. LIMITED

黃龍德會計師事務所有限公司

Certified Public Accountants

曾卓鋒, 香港執業資深會計師

TSANG CHEUK FUNG ANDY

FCPA (Practising), ACA, MSCA

Certified Public Accountant (Practising), Hong Kong

Practising Certificate Number: P06369

Hong Kong,

Ref : H657/A/PW/AT/1478/1603/486

HONG KONG COLLEGE OF CARDIOLOGY

香港心臟專科學院

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