



President's Jotting

Dr. Law Chun Key

The RCR automation projects is one of the main challenges to our College in running the examination as mentioned in my last Jotting. Our College spared no effort to ensure that the examination process could be as smooth as possible. Our examiners, Dr. Danny Cho, Dr. Sherwin Lo and Dr. Rickie Cheng represented the College to observe the Autumn sitting of RCR's Part IIB Examination on 5 – 8 October 2018 and brought back very useful information. After the Joint Examination last November, our examination team took up even more challenges due to the relocation of the automated examination venue from Central to Mongkok. Again, we made visits after visits to the new site to iron out any issues, however trivial, that could affect the standard how we conducted the examination. Eventually the First FRCR Exam in Anatomy on 9 March 2019 was over without hiccoughs.

Meanwhile due to growing number of candidates, the pool of examiners and observers have been building up gradually and this is one area that our senior and experienced Fellows can contribute to our College. To formalize, we are drafting instructions to observers and setting up a platform to receive their feedbacks on examination matters to the College.

Nowadays life goes electronics and a prefix of "e" appears in many of College related matters, and I am reporting some of these here.

e-Portfolio System

Our College will join the system which will be developed by HKAM for various Colleges with a view to

creating individual e-Portfolio systems for keeping members' personal files. The resulting unified system would facilitate future manpower planning and possible rotation of trainees among individual Colleges, online Fellowship Nomination Process of Academy, and even CME/CPD management.

e-cigarettes

Our College Council wrote to support the Academy in making press release on misleading campaigns about e-cigarettes. We agreed that new tobacco products, e-cigarettes & heat-not-burn tobacco products should be fully banned instead of merely regulated. Nevertheless, we also opined that all forms of tobacco products, including conventional & electronic cigarettes and other smoking products, should be totally banned in order to prevent all forms of smoking hazards and safeguard the health of the public. Written submission of views to the Bills Committee on amendment of the Smoking (Public Health) Ordinance had been sent to HKAM to facilitate their discussion with the Government.

e-Journal

The Council learnt from the Editorial Board of Hong Kong Journal of Radiology that printed or electronic journal is equally acceptable for journal accreditation by Medline, a process which the Editorial Board has been pursuing for years. We will soon collect members' opinions about the preferred format in receiving our Journal.

Equally if not more eye-catching than the prefix "e", AI -Artificial Intelligence is inseparable with Radiology in her future development. In the 2nd Lilian Leong Oration by

Inside this issue...

26th ASM of HKCR 18th Joint Ceremonies for Admission of New Fellows

AOSOR Youth Club 2018 Prof. Hedvig Hricak last November, entitled "Oncologic Imaging – Paving the Road to Precision", the audience was brought to a fascinating world of hybrid imaging. Shortly afterwards, Dr. Lilian Leong and Dr. Danny Cho returned from RSNA 2018 and told the Council that AI was the main focus of the RSNA Presidential Address and the Annual Oration in Diagnostic Radiology. Dr. Lilian Leong further attended the 2018 International Trends Meeting during RSNA 2018, and at the meeting it was mentioned that heterogeneity and validity of data were essential to the development of AI.

Although the benefits of AI application were promulgated to the public, potential issues regarding governance of data and the legal responsibility derived were yet to be raised. The Council then designate the existing working group in AI with the responsibility to develop long-term strategies and devise action plans to face the challenges ahead, in particular on the following suggested items:

- 1. Preparation and methodology for AI development
- 2. Application for the medical specialty
- 3. Collection and validation of data
- 4. Governance of technology and the legal responsibility derived

The working group being led by Dr. WL Poon would also explore potential trainers to provide AI-related training and enhancement of training curriculum.

Meanwhile, the International Cancer Imaging Society (ICIS) has been conducting a survey on prevailing attitudes and perception of Radiologists/Allied Health Professionals to AI and machine learning in cancer imaging, with the findings to be presented at a meeting jointly organised by the Champalimaud Foundation and ICIS in Lisbon this year. The survey was disseminated to College members by email broadcast on 17 December 2018 and I thank you all for your contribution.

The AI working group is just but one of our many working groups set up to tackle various issues of great interests and importance to our specialties. One such group on Review of Referral System is currently working at full speed. You may recall from the Spring issue 2013 of Newsletter in which our HKCR Working Group on Chinese Medicine Practitioners Referrals was reported in detail. Now the matter needs to be revisited on a larger scale, as the supplementary Medical Professions Council of Hong Kong received instruction from Food and Health Bureau regarding Healthcare Manpower Planning and Professional Development to consider the issue of "open access to patients", i.e. allowing patients to approach the professional concerned directly (instead of referrals by doctors), and, to consider appropriate legislative amendments to the Supplementary Medical Professions Ordinance (Cap. 359) and its regulations if the existing regulatory regime has imposed unnecessary hurdles on the development of the professions and/or administrative measures to facilitate the professions in taking up an enhanced role in the provision of healthcare services.

The Council felt the pressing need to formally address Radiologists' concerns regarding "open access to patients" and hence a working group was formed in February 2019 with good representation in public and private sectors. The working group is making good progress, thanks for the effort of members, led by Dr. Lilian Leong.

Another working group, led by Dr. Stephen Kwok, has been formed to review the steroid cover practice and disseminate updated information, including changes on the practice of steroid premedication, to radiologists in Hong Kong, in the light of the recent release of HA New Guidelines on Steroid Premedication.

Under House Subcommittee there is also a working group led by Dr. Elaine Kan which formulated our College policy in receiving information of deceased College's members. It was decided that death announcement of those individuals, who had contributed the College, not necessarily to Members/Fellows of HKCR, would be published in the College Newsletter after Newsletter Sub-committee's review.

It is still some time before the "golden week" of Joint Examinations / Joint ASM but Education Committee under Dr. YC Wong is as busy as ever. Besides the credentialing exercise in endovascular procedures, 15A Travelling Fellowship (Dr. WL Poon and HKCR 15A Travelling Fellowship Subcommittee), and the Fifth Palliative Medicine Board Examination in April (Dr. KK Yuen and Palliative Medicine Subspecialty Board), the College is now performing an interim revision of HKCR training guidelines. This is an important task to review the guidelines along with other training-related documents of the College to ensure consistency in all College documents, and to keep updates with the changes in training / examination of RCR. I hereby thank Dr. Stephen Kwok and Dr. Elaine Kan for their effort on this first phrase of the process in Radiology. Once ready, Clinical Oncology and Nuclear Medicine will follow suit.

Over the past few months our College continued to participate in various symposia and functions both locally and overseas. Dr. Elaine Kan represented the College to attend the Annual Congress of



Korea Society of Radiology - KCR 2018 on 12-15 September 2018 with the main focus of "Innovation of Imaging: Value-based Radiology for Patients". As mentioned in the section of AI, Dr. Lilian Leong and Dr. Danny Cho represented our College to attend the RSNA 2018 in Chicago on 25-30 November 2018. They both attended International Trends Meeting, International Assembly of International Society of Radiology, the AOSR Executive Committee Meetings, and the meeting with British Institute of Radiology regarding their proposal on the global future of imaging. On 1 March 2019, Dr. Leong represented our College to be the panelist of the "Leading by example" session (http://www.myesr.org/women-in-focus) at the 2019 European Congress of Radiology in Vienna and

attended the 12th General Assembly. Our College is honored to be invited to involve in the Lancet Oncology Commission project with aim to increase global awareness of the



importance of cancer-imaging and improve access to imaging. Prof. PL Khong was nominated to represent our College in this project, the final results of which would be released at World Cancer Congress in Oman in October 2020.

In Asia, we continued to have close tie with Asian Oceanian Society of Radiology in the past few months. Immediately after our College ASM, we organized the Asian Oceanian School of Radiology: Youth Club (AOSOR-YC-2018) with great success. Thanks go to Dr. Lilian Leong, Dr. Danny Cho, Dr. Elaine Kan, and College Secretariat. After the event, Dr. Elaine Kan joined the AOSOR Secretary Board on invitation by Prof. Jongmin Lee of AOSOR Office. Later, Dr. Danny Cho attended the Site Visit for 18th Asian Oceanian Congress of Radiology 2020 and the AOSR Council Meeting and Site Visit in Kuala Lumpur on 5-6 April 2019.

Across the Shenzhen (SZ) border, I attended the 2^{nd} International Symposium on Specialist Education and Advances in Radiation Oncology on 30 November – 2 December 2018 in HKU-SZ Hospital where I talked on "Training of Clinical Oncologists - HK experience". In the following month Dr. Stephen Kwok and myself 粵港澳大灣區醫師聯盟工作會議 attended the in Guangzhou on 17 January 2019, where the 2018 Annual Report of the Guangdong Medical Doctor Association (GDMDA 廣東省醫師協會) and strategic plan for 2019 were presented. The latter specified that the alliance should make an effort to develop undergraduate medical education and specialist training, and to improve the quality of medical assessments and medical service to public. The associations of 粤港澳大灣區醫師聯盟 would commence the collaboration starting from 2019 and one of the major activities would be the Symposium 2019 for Union of Radiation Oncologists of Guangdong-Hong Kong-Macao Greater Bay Area in Shenzhen on 22 September 2019. For Radiology, a "2019兩岸四地腫瘤影像診斷與治療新進展研討會" was held in Macau on 18 May 2019 with Dr. CY Lui to deliver a lecture on the imaging of breast cancer and Dr. Lilian Leong, Dr. WT Ng and myself as invited guests.



Locally, I attended the 5th Hong Kong International Oncology Symposium on 10-11 November 2018, the Medical Education Conference (MEC) 2019 on 4 May 2019, and many other conferences co-organized by our College. Our Council and secretariat were all fully mobilized to organize various functions including the IDKD intensive course on 24-26 May 2019.

Before closing, I would like to congratulate Dr. James CS Chan on receiving the Distinguished Contribution Award of HKCR 2018, and Dr. James Chow on the award of Dr. FL Chan Medal, the 4th awardee and the first Clinical Oncologist since its establishment.

As a final remarks at all times, I wish to thank all members of the Council, Committees and Subcommittees for your hard work and selfless devotion, and the unfailing and whole-hearted support of our Secretariat.

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The College has been kept busy in the last few months in conducting a number of professional examinations, including several Fellowship Examinations for the three specialties and the Fifth Palliative Medicine Board Examination. Among all the unshirkable duties that I have taken up as Warden of the College in the course of these examinations, I found the talk with examiners in the post-examination meetings is perhaps the most rewarding one. Specifically, I treasure the opportunity to directly

solicit the opinions of examiners on areas that deserve improvement, not only restricted to the performance of candidates but also on other aspects such as conduction of examination. It is indeed mind-refreshing to get the first-hand experience and comments from those who have diligently finished an important task, and to have them enlighten you on areas that constantly escape your attention. Dr. Tracy Balboni, the external examiner of the Fifth Palliative Medicine Subspecialty Board Examination, remarked with the following among her post-examination comments: "... it was terrific to also see how you (meaning the College) use each examination as an opportunity to learn from and improve the process for the future..." Tracy has acutely pointed out that, on matters relating to improving examination, the College is bound and determined.

With the support from Dr. Stephen Cheung, Chairman of Examination Board of the College, I have chaired two separate meetings in the past two months with the objective to enhance Fellowship examinations for Nuclear Medicine and Clinical Oncology. The first meeting was attended by the Chairman and representatives of the Training & Examination Subcommittee of Nuclear Medicine. Fruitful discussion was made on a number of highly important issues to ensure high quality of future examinations, including standardization of instructions to examiners and observers, development of a sustainably databank of examination materials, establishing mechanism of pre-evaluating examination questions, setting channels for feedbacks from examiners to College, and formulating contingency plans for examinations. Initial plans had been devised on the respective focus areas and it was agreed that a Working Group will be formed under the Training & Examination Subcommittee of Nuclear Medicine to follow on their implementation. My heartfelt thanks for Dr. WY Ho, Chairman of the Subcommittee, and all the Fellows from Nuclear Medicine for their contribution.

For Clinical Oncology, the College is aware of the growing number of trainees over the recent years and the years to come. Envisaging that practical difficulties will be encountered in the future should all the candidates of Joint Final Part B Examination be examined in a single venue as in the current practice, the Council has resolve to adopt a forward-looking strategy to cope with the challenge. Under this objective the Examination Board was vested with the responsibility to line up a meeting with representatives from all the Clinical Oncology Training centers to discuss the future plan of examination venue for Joint Final Part B Examination in

Warden's Column

Dr. Wong Yiu Chung

Clinical Oncology. In the meeting held in April, frank exchange of ideas was made among representatives from all the Clinical Oncology training centers. It was agreed that examination venues in addition to the Department of Clinical Oncology of Queen Elizabeth Hospital, which has diligently served as the key venue over the past two decades, is worth to be actively explored. As a starting point, members of the meeting have agreed on the essential requirements of the new examination venue, including the physical space, room arrangement, manpower support, clinical materials for examination purpose and the workflow logistics. These prerequisites will be studied intensively by the training centers and match against their local settings to pave way of the next stage of discussion. There are grounds for optimism on this development and I would keep you posted on the progress.

Still on matters relating to examination, the College is once again required to make change examination arrangement in response to some external factors. You may recall from my previous jottings that the First FRCR examinations in Anatomy for Radiology started to be held at the Cliftons Hong Kong at the Hutchison House in Central in 2018. However, the rapidly changing landscape of the commercial property market has swung our course lately. The College was informed by RCR that the Hutchison House would be demolished in the coming future. Starting from 2019 the First FRCR Examinations would need to be moved to a new venue which consists of two floors in Welkin Computer Training Centre in Mong Kok. One sitting of the Examination in Anatomy for Radiology has already been conducted in the new examination venue in March 2019. The College at the moment is summarizing our experience and actively discussing with RCR for improving some teething problems that we have so far encountered.

You may aware that the medical community has recently placed the updated practices of steroid premedication for imaging on their radar, especially in light of the new international recommendations that have surfaced over the last two years. There are not only significant changes in the indications, but also new evidence on the regime of steroid premedication. In response to the change, the Education Committee has formed a working group comprising radiologists working in both public hospitals and private sector, together with non-radiologist expert to review this important topic. Dr. Stephen Kwok will steer the working group to prepare a position statement of College on the updated information in this regard. The objective of the position statement is to serve as evidence-based anchor for the practice of radiologists in Hong Kong.

Meanwhile, the College is also working hard on a mid-term review of our training guidelines. The training guidelines have been regularly revised in a five-year interval over the past years, and the next cycle will start from year 2021. In order to keep pace with the rapidly evolving training environment, the Council has approved the proposal from Education Committee to embark on an interim revision of HKCR training guidelines before 2021. Several key areas have been identified as the focus of the coming revision, such as developing guiding principles on accrediting training centers with designated training purposes, revising the requirements of co-trainers, unification of specific terms across the three specialties and redefining the specific training requirements in accordance to the trend of clinical practice. The training centers will be timely informed of the progress in the coming months.

Some final words on the setting up of Guidelines on Credentialing for Endovascular Neurointerventioinal Procedures, which is a collaborative venture between our College, the Neurosurgical Board of The College of Surgeons of Hong Kong and Hong Kong College of Physicians. The progress has been steady and a single document comprising two sections, one for procedures relating to acute ischemia stroke and the other for a bundled set of endovascular neurointerventional procedures, has been prepared by the joint working group represented by the three Colleges. The revised document would be circulated to HA for its consultation with respective specialties or services.

Lastly may I wish you a happy and healthy summer holidays!

In this issue of newsletter, we continue to bring you the HKCRRR, which helps us to be cautious in reading images especially in certain areas in commonly encountered cases or some interesting cases with diagnostic and management challenges.

We have two new columns in this issue of newsletter, one is the New Technology Highlight which inform members of new technology applicable in our daily practice in radiology, clinical oncology, or nuclear medicine. In this issue we have Dr. Michael Kam talking about MRI-Linear Accelerator Radiotherapy System. Another new column is the Book Review section, and we have Dr. Inda Soong reviewed a new book 'Nasopharyngeal Carcinoma from Etiology to Clinical Practice'.

In this issue of Leisure Corner, we have Dr. Lam Hon Shing shared with us 'Bridge and Radiology'. As we all know Dr. Lam is the former Warden of the College, but what we might not know is that he is also a grand master of the Hong Kong Contract Bridge Association and had represented Hong Kong in playing international bridges events. In this article he shared with us the connection and the similarities between playing bridge and radiology practice.

We also reported a lot of educational activities held by the College in the past few months. And in this issue we continue to have the Good Practice Corner. What we shall never miss of course are the President and Warden's Jottings.

Lastly, I would like to thank again the Newsletter team and the College secretariats, especially Karen Law and Phyllis Wong, for contributing to the success of the Newsletter.

Call for Application of HKCR Education and Research Fund

HKCR Education and Research Fund is now open for application to support research projects, conference attendance and other activities between 1st July 2019 and 31st December 2019

The objective of HKCR Education and Research Fund is to promote and assist career development, continuing education and research activities among members of Hong Kong College of Radiologists (HKCR) and international professional community.

Four Categories of Grants are available from the Fund:

- 1. Education grant to assist HKCR members for overseas advanced training and international conventions.
- II. Education grant for Mainland China and overseas radiologists to participate in activities organized by HKCR.
- III. Conference grant to assist HKCR members in organizing educational activities.
- IV. Research grant to assist HKCR members to conduct pilot study in basic and clinical research.

The completed application form should be submitted to the Secretariat Office to the attention of the Chairman of the Committee of HKCR Education and Research Fund. Enquiries on details of grants and application forms can be directed to the College Secretariat.

Deadline for Application: 15th April 2019

Call for Application – HKCR 15A Travelling Fellowship 2019

HKCR 15A Travelling Fellowship aims to provide Fellows of Hong Kong College of Radiologists with advanced overseas training in United Kingdom for their continuous professional development, which may include attachment, workshops, short training courses, and study tours.

HKCR 15A Travelling Fellowship 2019 is now open for application. Application guidelines and application form is available at the College's website: https://hkcr.org/news.php/events_list/cid,3/nid,144 🎤

Deadline for Application: 30th April 2019

First and Final Examination for the Fellowship in Nuclear Medicine - December 2018

Joint Final Examinations for Fellowship - November 2018

Clinical Radiology

Date	:	9 th - 14 th November 2018		
Venues	:	Cliftons-Central Hong Kong, 5/F, Hutchison House, 10 Harcourt Road, Central, Hong Kong		
		5/F, Hong Kong Academy of Medicine Jockey G	Club Building, Aberdeen, Hong Kong	
Examiners	:	Dr. Frances A AITCHISON (Senior Examiner)	Dr. Ash CHAKRABORTY	
		Dr. Tom W TAYLOR		
		Dr. CHO Hing Yan Danny	Dr. LAM Poy Wing Tina	
		Dr. LO Shing Wai Sherwin	Dr. MA Ka Fai Johnny	
		Dr. POON Wai Lun		
Observers	:	Dr. CHIU Long Fung Jeffrey	Dr. NG Wing Hung Alex	
		Dr. TAN Chong Boon		
	_			

Successful Candidates:

CHIN Wing Yan Thomas (Queen Elizabeth Hospital), CHIU Cheuk Lun (North District Hospital), CHOW Denise Long Yin (Tuen Mun Hospital), FUNG Wai Yuk (Princess Margaret Hospital), GUPTA Varun (Military Hospital Shillong), HOU Wenlu (Singapore General Hospital), KO Wei Sum Koel (Queen Elizabeth Hospital), LENG Yong Mei (Tuen Mun Hospital), LI Yan Lin (Queen Mary Hospital), LIEW Amanda Ling Fung (National Health Group), LO Sheung Yan (United Christian Hospital), LUI Kam Ho (Pamela Youde Nethersole Eastern Hospital), MO Kwun Man Cyrus (Pamela Youde Nethersole Eastern Hospital), MOHAMMED AHMED FARAG Mahmoud (Eed Clinics), NASR Mohamed Afifi Nasr Mohamed (Banha University Hospitals), NEERAJ WADHWA (Govind Ballabh Pant Hospital), SATHIYAMOORTHY Rajadi Rajan (Government Medical College, Thiruvananthapuram), TSAI Siu Chun (Prince of Wales Hospital), TSUI Hoi Ling (United Christian Hospital), TSUI Waylon Wai-chung (Kwong Wah Hospital), YACOUB Ho Ching Amy (Pamela Youde Nethersole Eastern Hospital), WONG Ho Yuen Frank (Queen Mary Hospital), YACOUB George Ezzat Elkess (Ain Shams University Hospitals), YAM Kai Ho Max (North District Hospital), YU Chun Hung Kevin (Tuen Mun Hospital), YU Man Leung (Queen Mary Hospital)

Clinical Oncology

Date	:	14 th November 2018		
Venue	:	4/F, Block R, Department of Clinical Oncology, Queen Elizabeth Hospital		
Examiners	:	Dr. Elena WILSON (Senior Examiner)	Dr. Paddy NIBLOCK	
		Dr. NG Wai Tong	Dr. WONG Chi Sing Frank	
		Dr. YIU Ho Yin Harry	-	
Observers	:	Dr. CHENG Hoi Ching	Dr. LO Sing Hung	
Successful Candidates: CHENG Ngan Sum Jean (Tuen Mun Hospital), SO Tsz Him (Queen Mary Hospital)				

First Examination for the Fellowship in Nuclear Medicine – December 2018

Date	:	3 rd & 15 th December 2018		
Venue	:	9/F, Hong Kong Academy of Medicine Jockey Club Building, Aberdeen, Hong Kong		
Examiners	:	Dr. CHENG Kam Chau (Senior Examiner)	Dr. Martin LAW	
		Dr. MA Wai Han	Dr. WONG Kwong Kuen	
Observers	:	Mr. TANG Chung Ting Teddy		
Successful	Ca	ndidates: NG Kwok Sing (Queen Elizabeth He	ospital), WONG Wai Chung (Queen Elizabeth Hospital)	
		-		
Final Examination for the Fellowship in Nuclear Medicine – December 2018				
Date	:	3 rd & 15 th December 2018		
Venue	:	2/F & 9/F, Hong Kong Academy of Medicine Jockey Club Building, Aberdeen, Hong Kong		
Examiners	:	Prof. Andrew SCOTT (External Examiner)		
		Dr. HO Wai Yin	Dr. LOK Chiu Ming	

Dr. WONG Chi Ping

Invigilator : Dr. MA Kwok Man

Successful Candidate: NG Koon Kiu (Queen Elizabeth Hospital)

College Examinations Successful Candidates Exit Assessment – January 2019 The Fifth Palliative Medicine Subspecialty Board Exmination – April 2019

Exit Assessment – January 2019

Date : 7th – 9th January 2019 (Monday to Wednesday)

Venue : Exam Rooms, 5/F, Hong Kong Academy of Medicine Jockey Club Building 99 Wong Chuk Hang Road, Aberdeen, Hong Kong

Radiology

Chairman of Assessment Panel: Dr. WONG Yiu Chung

Assessors: Dr. CHEUNG Chi Wai Stephen, Prof. KHONG Pek Lan, Dr. KHOO Lai San Jennifer, Dr. WONG Ka Tak

Successful candidates:

CHAN Chik Xing Jason	Tuen Mun Hospital	MAN Ka Yun	Pamela Youde Nethersole Eastern Hospital
CHAN Ting Sang	Princess Margaret Hospital	NG Hoi Ting Grace	Queen Mary Hospital
CHENG Andrew Kai Chun	Queen Mary Hospital	NG Wing Ki	Tuen Mun Hospital
FUNG Kin Fen Kevin	Kwong Wah Hospital	TANG Jospeh Andrew Wing Kin	Pamela Youde Nethersole Eastern Hospital
LAM Sun Yu	Tuen Mun Hospital	WONG Stephen Ka Hon	Princess Margaret Hospital
LEE Kam Ho	Queen Mary Hospital	YUEN Tsz Yau	Prince of Wales Hospital
LEE Ying Cheong	Princess Margaret Hospital		

Clinical Oncology

Chairman of Assessment Panel: Dr. WONG Yiu Chung

Assessors: Prof. KWONG Lai Wan Dora, Dr. WONG Kam Hung, Dr. WONG Chi Sing Frank, Dr. YAU Chun Chung

Successful candidates:

CHEUNG Ka Man	Queen Elizabeth Hospital	NG Tsz Yi Joyce	Prince of Wales Hospital
CHOW Chung Hang James	Queen Elizabeth Hospital	WONG Chun Yin	Pamela Youde Nethersole Eastern Hospital
HO Wang Kwong	Queen Elizabeth Hospital	WU Philip Yuguang	Pamela Youde Nethersole Eastern Hospital
KAM Tsz Yeung	Pamela Youde Nethersole Eastern Hospital	YIP Yan Yee Chole	Pamela Youde Nethersole Eastern Hospital
LAU Tsz Shan	Princess Margaret Hospital		

The Fifth Palliative Medicine Subspecialty Board Examination – April 2019

mermuri	ramative meticine subspecialty i	board Examination – April 2019		
Date :	24 April 2019 (Wednesday)			
Venue :	4/F, Block R, Department of Clinical Oncology, Queen Elizabeth Hospital, 30 Gascoigne Road, Kowloon, Hong Kong			
Examiners :	Dr. Tracy BALBONI (External Examiner)			
	Dr. LEUNG Wai Lim Carmen	Dr. LO Sing Hung		
	Dr. LUI Cheuk Yu	Dr. SOONG Sung Inda		
	Dr. SIU Wai Kwan Steven	Dr. YAU Sau Han		
Observers :	Dr. CHAN Kuen	Dr. LEUNG Kwok Cheung Alex		
	Dr. LIM Mei Ying Fiona			

Successful Candidates:

CHAN Po Chung (Tuen Mun Hospital), CHAN Sum Yin Ann (Queen Mary Hospital), CHEUNG Ka Wai Alice (Tuen Mun Hospital), CHIK Yin Kwan (Queen Elizabeth Hospital), LAU Kin Sang (Queen Mary Hospital), TIN Wing Yan Winnie (Tuen Mun Hospital), YEUNG Nga Yan (Queen Elizabeth Hospital), YEUNG Wui Ming (Prince of Wales Hospital)

FRCR 2019 Examination Schedule

Spring 2019

Monday, 25 th February 2019	Final FRCR (Part A) in Clinical Oncology
Tuesday, 26 th February 2019	First FRCR in Clinical Oncology (Cancer Biology & Radiobiology / Clinical Pharmacology)
Wednesday, 27 th February 2019	First FRCR in Clinical Oncology (Medical Statistics / Physics)
Thursday, 7 th March 2019	First FRCR in Clinical Radiology (Physics)
Friday, 8th March 2019	First FRCR in Clinical Radiology (Anatomy)
<u>Summer 2019</u>	
Wednesday, 5 th June 2019	Final FRCR (Part A) in Clinical Radiology
Thursday, 13 th June 2019	First FRCR in Clinical Radiology (Physics)
Friday, 14 th June 2019	First FRCR in Clinical Radiology (Anatomy)
<u>Autumn 2019</u>	
Wednesday, 28 th August 2019	Final FRCR (Part A) in Clinical Oncology
Thursday, 29 th August 2019	First FRCR in Clinical Oncology (Cancer Biology & Radiobiology / Clinical Pharmacology)
Friday, 30 th August 2019	First FRCR in Clinical Oncology (Medical Statistics / Physics)
Thursday, 12 th September 2019	First FRCR in Clinical Radiology (Physics)
Friday, 13 th September 2019	First FRCR in Clinical Radiology (Anatomy)
Friday, 13 th September 2019 <u>Winter 2019</u> Wednesday, 11 th December 2019	First FRCR in Clinical Radiology (Anatomy)

Dr. KO Lam, Queen Mary Hospital

Good Practice Corner

A doctor should always be dedicated to providing competent medical service in full professional and moral independence. Performance of professional duties under the influence of alcohol or drugs may be regarded as professional misconduct and should by all means be avoided. According to the Central Registry of Drug Abuse (https://www.nd.gov.hk/en/crda_background.htm), drug abuse refers to intake of drugs/substances which have taken harm or threaten to harm the physical or mental health or social well-being of an individual, in doses above or for periods beyond those normally regarded as therapeutic.

In this issue, we have highlighted the key points of "Abuse of alcohol or drugs" and "Criminal conviction", both extracted from the Code of Profession Conduct from the Medical Council of Hong Kong, as follows:

11.1 Convictions for offences arising from drunkenness or abuse of alcohol or drugs (such as driving under the influence of alcohol or drugs) are likely to be regarded as professional misconduct.

11.2 It is professional misconduct for a doctor to treat patients or perform other professional duties while being rendered unfit to perform such duties by the influence of alcohol or drugs.

11.3 Disciplinary proceedings will be taken against a doctor convicted of drugs related offences committed in order to gratify his own addiction.

Extracted from section 11 'Abuse of alcohol or drugs' from Code of Professional Conduct (Medical Council of Hong Kong), revised in January 2016

27.2 A particularly serious view will likely be taken in respect of offences involving dishonesty (e.g. obtaining money or goods by deception, forgery, fraud, theft), indecent behaviour or violence. Offences which may affect a doctor's fitness to practise (e.g. alcohol or drug related offences) will also be of particular concern to the Council.

Extracted from section 27 'Criminal conviction' from Code of Professional Conduct (Medical Council of Hong Kong), revised in January 2016

Members of the College are advised to observe these standards with caution and refer to the full text of the latest edition for reference when in doubt.

The 5th Hong Kong International Oncology Symposium, 10th – 11th November 2018

Dr. Siu Kie Au, Hong Kong Adventist Hospital



Group photo of Day 1 speakers

The Hong Kong Precision Oncology Society (HKPOS) hosted its 5th Hong Kong International Oncology Symposium (HKIOS) on $10^{th} \& 11^{th}$ November 2018 at Hong Kong Science Park & City University.

The event convened surgeons, physicians and scientists with expertise in genetics, molecular biology research, bioinformatics, artificial intelligence, clinical and translational research. Highlights of the symposium included tumour heterogeneity, single cell isolation, single molecule sequencing, epidemiology and cancer control in mainland China, personalized immunotherapy and newer targeted therapies.



Opening remarks by Dr. Joseph Siu- Kie Au, the President of HKPOS and the Head of Clinical Oncology of Hong Kong Adventist Oncology Centre

Raising the curtain of the two-day symposium, Dr. Joseph Siu-Kie Au, President of HKPOS and the Head of Clinical Oncology of Hong Kong Adventist Oncology Centre commenced the symposium with a warm welcome address.

It was remarkable that Professor Jie He, guest of honour of the 5th HKIOS, Director of National Cancer Centre of China, and a number of healthcare policy makers attended the 2-day symposium and shed light to the medical community with his visions in Cancer Prevention and Control Alliance in China.



Day 1 symposium focussed mainly on the basic science in precision oncology. Professor Dennis Lo gave an enlightening review of screening of nasopharyngeal carcinoma with plasma EBV DNA. Professor Anne Lee gave an opening speech for Day 2 symposium, which was mainly on updates of the clinical data on targeted therapies, immunotherapy and high precision radiotherapy. Dr. Stephen Law summarised at the end of the symposium.

Sharing session by Guest of Honour, Professor Jie He, Director of National Cancer Centre of China on "Cancer Prevention and Control in China: Present Status and Future Tasks"



Group photo of Day 2 speakers

Key opinion leaders and experts from Hong Kong and other countries were also invited to discuss on how to improve the effectiveness of the precision oncology treatment incorporated with Greater Bay Area planning. Attendees were kept abreast with the latest developments in the field and well informed of the potential burgeoning areas likely to change the face of precision oncology in the coming decade as well.

The symposium was concluded successfully with an attendance of over 200 health professionals and more than 15% participants are international experts from various countries. HKPOS would like to express their gratitude to the Hong Kong College of Radiologists for supporting this symposium.

Dr. Au proudly announced that the 6th HKIOS would be scheduled on 26th & 27th October 2019. It is anticipated that program of this year's symposium will be more interesting and insightful. For details, please visit https://www.hkpos.org/past-events 🖋

On 16th November 2018, our College Council held a meeting with the RCR Officials and Examiners including Dr. Nicola Strickland (President of RCR), Dr. Frances Aitchison (RD Senior Examiner of RCR), Dr. Elena Wilson (CO Senior Examiner of RCR), Dr. Thomas Taylor (RD Examiner of RCR), Prof. Ash Chakraborty (RD Examiner of RCR) and Dr. Paddy Niblock (CO Examiner of RCR) in Windsor Room, 1/F, Hong Kong Club. During the meeting various matters with collaboration between RCR and HKCR were reported and discussed, including the Joint Final Examination of Fellowship 2018 and our future direction as well as the progress of HKCR 15A Travelling Fellowship. The meeting was fruitful and Dr. C.K. Law, our College President representing our College Council, expressed sincere gratitude to Dr. Strickland and all the RCR Examiners for joining this meeting and thanked the Examiners for their great efforts and contributions in making the examination a big success.



Back Row (from left to right): Dr. Ng Wai-Tong, Dr. Wong Kam-Hung, Dr. Stephen Kwok, Dr. Neeraj Mahboobani, Dr. Lui Chun-Ying, Prof. Anne Lee, Dr. Ivan Wong, Dr. Chan Tze-Mun, Dr. Danny Cho, Dr. Poon Wai-Lun, Dr. Jennifer Khoo, Dr. Elaine Kan Front Row (from left to right): Prof. Ash Chakraborty, Dr. Thomas Taylor, Dr. Paddy Niblock, Dr. Elena Wilson, Dr. Nicola Strickland, Dr. Law Chun-Key, Dr. Lilian Leong, Dr. Frances Aitchison

Hong Kong College of Radiologists Distinguished Contribution Award

The Distinguished Contribution Award is established to recognize and honour individuals who have rendered distinguished contribution to the College over a long period of time, and demonstrated tremendous influence on development and advancement of Radiology, Clinical Oncology, and Nuclear Medicine specialties.

The Award recipient in 2018 is Dr. James Chi Sang Chan.



Dr. James Chi Sang Chan is a leader in the development of Radiology in Hong Kong. He had made tremendous contribution to the public healthcare sectors for the last 3 decades via serving multitude positions in United Christian Hospital, Kowloon East Cluster and Hospital Authority. Ever since joining the HKCR Council in 1997, Dr. Chan had been serving as member of Training Course Subcommittee, Secretary of Membership Committee and Chairman of Constitution Subcommittee, until he retired from College Council in 2015.

Dr. Chan became the Consultant Radiologist of United Christian Hospital in 1991, and served as Chief of Service in 1992, the position he held for 24 years. He had been a member of Central Coordinating Committee in Radiology from 1992-2016, Convener of Training Subcommittee from 1992-2002, Chairman of Working Group on Radiology Workload Units from 1999-2003, and Chairman of Service Development Committee from 2007-2013, Chairman of Advisory Group on Acquisition of Radiological Equipment from 2007-2016, and Cluster Stream Coordinator of Radiology in Kowloon East Cluster from 2011-2016. His extensive contribution to Radiology and the Community was well recognized, by getting the Chief Executive's Commendation for Community Service, Hong Kong Special Administrative Region in 2015.

Apart from his contributions in HKCR, Dr. Chan also played a key role in Hong Kong Society of Diagnostic Radiologists, where he served various posts, including being the President from 1995-1999. Dr. Chan has also been a keen trainer in Interventional Radiology and Paediatric Radiology. His enthusiastic and longstanding contributions to Radiology training, services and to our College are highly respected.

26th Annual Scientific Meeting of Hong Kong College of Radiologists, 17th – 18th November 2018

Dr. Michelle Cheung, Queen Mary Hospital



The 26th Annual Scientific Meeting of Hong Kong College of Radiologists was held successfully at the Hong Kong Academy of Medicine Jockey Club Building on 17th and 18th November 2018.

The 2-day programme was filled with various topics from renowned overseas and local speakers. This year, various outstanding local and international speakers topics shared with us on the latest advances in Artificial Intelligence, Head & Neck and Gastrointestinal Malignancies. The multidisciplinary symposium on nasopharyngeal carcinoma discussion from imaging and staging, treatment outcomes, to post treatment imaging and therapy for recurrences were particularly educational. The conjoint session of the Asian Oceanian Society of Radiology (AOSOR) & Hong Kong College of Radiologists (HKCR) was held in our ASM for the second time. The radiology lecture delivered by Dr. Nicola Strickland on the current heated topic of artificial intelligence was especially inspiring and stimulating. The question: Is it friend or foe? - was being answered as we unraveled the implications it holds for the future of radiology.

A total of 71 abstracts with diverse research and educational topics were accepted, of which 38 were oral presentations and 33 were posters. Accepted posters were electronically displayed on large touch screens at the foyer. Among the accepted abstracts, 5 were from overseas and 5 were from the private sector. Various prizes were awarded to those with outstanding performance in the oral and poster presentations. With a view to encourage more regional radiologists to attend the Scientific Meeting, the Education and Research Fund of our College sponsored Dr. Chang Chin-Chen from National Taiwan University Hospital in Chinese Taipei and Dr. Lee Sang Min from Hallym University Sacred Heart Hospital in Republic of Korea to attend the meeting.



I would like to express immense gratitude to the members of the Scientific and House Subcommittees for organizing this event, our colleagues who have helped us as chairpersons, film quiz organizers, abstract reviewers, adjudicators for various prizes and awards, our sponsors for their enthusiastic support, the audio-visual team, the photography team, our secretaries, college secretariat, and other helpers, including trainees and fellows for their unfailing support and co-ordination of various activities.

The HKSDR Trust Fund Award for the Best Oral Presentation in the Radiology Specialty:

Dr. CHEUNG Wai Pan

Department of Diagnostic & Interventional Radiology, Kwong Wah Hospital

"Real-time Dynamic MRI Sleep Study for Assessment of Level of Obstruction and Treatment Device Effect in Pediatric Patients with Obstructive Sleep Apnea."



The Hong Kong Society of Clinical Oncology Award for Best Paper in Clinical Oncology:

Dr. CHOW Chung Hang James

Department of Clinical Oncology, Queen Elizabeth Hospital "Radiation-Associated Hypoglossal Nerve Palsy Following Definitive Radiotherapy for Nasopharyngeal Carcinoma – Risk, Predictive Factors and Dosimetric Constraints"



The Hong Kong Society of Nuclear Medicine and Molecular Imaging Award for Best Paper in Nuclear Medicine:

Dr. HUI Yan Ho

Department of Nuclear Medicine, Queen Elizabeth Hospital "Peptide receptor radionuclide therapy (PRRT): Preliminary local experience in a single center"

The HKSIR Award for the Best Oral Presentation in the sub-specialty of Interventional Radiology:

Dr. CHAN Chik Xing Jason

Department of Radiology, Tuen Mun Hospital "Mechanical thrombectomy for stroke patients with large vessel occlusion in a cluster of regional hospitals based on hub-and-spoke model – 2-year experience"



The Young Presenter's Award

Radiology Stream: Dr. Carita TSOI

Department of Interventional Radiology, Prince of Wales Hospital "Fully automated brain volumetry in multiple sclerosis: correlation with disability status and memory impairment"

Clinical Oncology Stream: Dr. WONG Chun Yin

Department of Clinical Oncology, Pamela Youde Nethersole Eastern Hospital "Local recurrence of nasopharyngeal cancer after IMRT: Current patterns of care in Hong Kong"

Nuclear Medicine Stream: Dr. Stephanie Cheri WOO

Department of Radiology, Princess Margaret Hospital "Diagnostic performance of MARS MRI vs SPECT/CT for AVN in post-metallic implant patients: A pilot study"

Winner of the HKSDR Trust Fund Award for the Best Radiology Poster:

Dr. WONG Wai Lam

Department of Radiology and Organ Imaging, Untied Christian Hospital

"The use of computer-aided detection in evaluation of suspicious microcalcifications in screening mammography"

Winner of the HKSIR Award for the Best Poster in the sub-specialty of Interventional Radiology:

Dr. LEE Kam Ho

Department of Radiology, Queen Mary Hospital "Preliminary validation of a novel imaging and clinical scoring system to predict early mortality in spontaneous ruptured hepatocellular carcinoma treated with transarterial embolisation"



Winner of The Best Original Paper of Hong Kong Journal of Radiology

Dr. CHOW Chung Hang James

Department of Clinical Oncology, Queen Elizabeth Hospital "Radiation-Associated Hypoglossal Nerve Palsy Following Definitive Radiotherapy for Nasopharyngeal Carcinoma – Risk, Predictive Factors and Dosimetric Constraints"



Winner of the Award of the Best Original Article of Hong Kong Journal of Radiology (Volume 20):

Dr. LAM Ho Ching

Department of Clinical Oncology, Queen Elizabeth Hospital Volume 20 Number 3, "Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma: Review of a Local Hospital"



Winner of the Award of the Best Case Report of Hong Kong Journal of Radiology (Volume 20):

Dr. CHAN Yin Ho

Department of Radiology and Imaging, Queen Elizabeth Hospital Volume 20 Number 1, "Dual-energy Computed Tomography for Diagnosis of Gouty Tophus of Tibia with Pathological Fracture Simulating Malignancy"

Radiology Film Quiz Prizes:

CHAN Yi Lam Priscilla (TMH) CHEUNG Pui Lam (TMH) Faimee Erwan MUHAMAT NOR (Singapore)

Oncology Film Quiz Prizes

CHOI Wesley Yuen Lum (PMH) WONG Henry Chun Yip (PMH) WONG Kin Yiu (PWH)



The 18th Joint Ceremonies for Admission of New Fellows of The Royal College of Radiologists and Hong Kong College of Radiologists and Dinner of the Colleges, 17th November 2018

Dr. Kevin Fung, Kwong Wah Hospital

The Joint Ceremonies started with addresses by Dr. Law Chun Key, President of Hong Kong College of Radiologists, and Dr. Nicola Strickland, President of The Royal College of Radiologists.



Professor Hedvig Hricak, Chairperson of the Department of Radiology in Memorial Sloan Kettering Center and Professor of Radiology in Weill Medical College of Cornell University, was awarded the Honorary Fellowship of Hong Kong College of Radiologists.

This year 28 new Fellows were admitted to Fellowship of The Royal College of Radiologists and 21 Fellows were admitted to the Hong Kong College of Radiologists.

Special congratulations to Dr. Chan Wai of Tuen Mun Hospital, who was presented the Gold Award for his outstanding performance at the Autumn 2017 sitting of Joint Final FRCR/FHKCR Examination in Clinical Oncology; Dr. Yu Chun Hung Kevin and Dr. So Tsz Him, who were announced as the recipient of the Gold Award for the Autumn 2018 sitting of Joint Final FRCR/HKCR Examination of Clinical Radiology and Clinical Oncology respectively; and Dr. Dai Yuk Ling Eunice, who was awarded the Dr. FL Chan Medal for her outstanding performance at the January 2018 sitting of Exit Assessment.



The 18th Joint Ceremonies for Admission of New Fellows of The Royal College of Radiologists and Hong Kong College of Radiologists and Dinner of the Colleges, 17th November 2018

After the Joint Ceremonies, Professor Hedvig Hircak, Chairperson of the Department of Radiology in Memorial Sloan Kettering Cancer Center, delivered the Second Lilian Leong Oration – "Oncological Imaging – Paving the Road to Precision". It was a truly eye-opening lecture on the cutting edge frontiers of precision imaging in various oncological conditions.





The Dinner of the Colleges was well attended by distinguished overseas guests, local faculty as well as successful candidates and their friends and family. One of the highlight was the presentation of Distinguished Contribution Award of the Hong Kong College of Radiologist to Dr. Chan Chi Sang James, for his immense contribution and dedication to the field of Radiology.

The evening was packed with cultural events, started with the ancient Chinese art of face changing and ended with a climactic and entertaining performance by our very own "Skeleton Band", formed by a group of

young radiologists and radiographers from various hospitals. The audience was swept off their feet with the band's rendition of Ed Sheeran's "Thinking Out Loud" and a classic "Stand by Me".





18th Joint Admission Ceremonies of RCR & HKCR and 2nd Lilian Leong Oration



Dinner of The Colleges



Appreciation to Sponsors



The Asian Oceanian School of Radiology Youth Club [AOSOR-YC] 18th – 21st November 2018, Hong Kong

Dr. Danny Cho, co - Directors of Local Organizing Committee of AOSOR-VC 2018 Dr. Elaine Kan, co-Director of Local Organizing Committee of AOSOR-VC 2018 Dr. Stephen KWOK, Trainee of AOSOR-VC 2018 Dr. Shiobhon LUK, Trainee of AOSOR-VC 2018 Dr. Victor Chan, Observer of AOSOR-VC 2018



The Asian Oceanian School of Radiology Youth Club (AOSOR-YC) is an annual event, gathering both young and veteran radiologists with the aims of: Fostering inter-society collaboration at multiple levels, enhancing leadership skills and steering the future direction of Radiology. This year, the AOSOR-YC program was held in Hong Kong, with lectures and training activities organised at the Excelsior Hotel. The YC program was co-organised by AOSOR and Hong Kong College of Radiologists (HKCR). The Local Organising Committee (LOC) consisted of Dr. Danny Cho and Dr. Elaine Kan as Co-Directors and members including Dr. Sunny Tse, Dr. Stephen Kwok, Dr. Shiobhon Luk, Dr. Helen She, Dr. Janice Ip and supported by the secretariat of HKCR.

The LOC brought a fresh twist to the YC program and kicked off the YC with a LEGO® SERIOUS PLAY® Workshop. This workshop was introduced as a medium of understanding the essentials of communication, teamwork and rapport-building. The LEGO® activities, although appearing superficially simple, demonstrated multiple barriers that could potentially exist between a functioning leader and the team. "Thinking with the hands", a notion that is vital to this LEGO® program, was extremely effective in helping all participants overcome these barriers and ultimately achieving the desired goals.

In the 'Leaders in Action' session, our very own renowned academics including Professor William Ho, Professor Che-Hung Leong and Professor Joseph Sung challenged and encouraged the young leaders of Radiology. Instead of didactic lectures, the speakers led trainees in an interactive open forum discussion and challenged the trainees to appreciate and tackle obstacles from multiple facets. The class on 'Communication and Risks in Radiology' led by experienced medico-legal experts also proved to be popular as issues on informed consents and communication practices are growing concerns amongst the international radiology communities.



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On the second day, the trainees were treated to a full gamut of lectures on Society Leadership from AOSOR expertise tutors. These topics included, although not limited to: President and Secretary General Roles in Asian Radiological Society, scientific activity management, inter-society collaboration, risk and financial management, as well as understanding the trend and future of Radiology. Dr. Lilian Leong, presented an important lecture on "Academic and Social Member Management".

At the end of the YC, both trainees and tutors had been exposed to important themes that revolved around the fundamentals and future of leadership in Radiology. Through the social activities, participants learnt greatly about clinical practice in various cultures, and quickly established strong international ties with one another. The AOSOR had hence achieved its objective of building strong friendships and networks on an international platform. All participants had given excellent feedback regarding the quality of lectures, training activities and social events. The LOC and HKCR secretariat staff were highly commended by AOSOR.



It was our honour and pleasure to receive the baton to host the AOSOR-YC 2018 in Hong Kong. Following the success of AOSOR-YC in the past few years, we hope we have created a unique experience for our young radiologists in the Asia-Pacific regions and have prepared them to be better leaders in regional societal management to international societal collaboration. We hope both our international and local tutors and trainees have enjoyed the educational program and the cultural events prepared by the organizing committee.



Dr. Elaine Kan and Dr. Danny Cho, Co-Directors of the AOSOR-YC 2018



It was an extra-ordinary and useful learning experience. It introduced us to another dimension of the Radiology profession and helped us gain insights into the important domains of management, professionalism, human resources, financial skills and medicolegal issues. The group of international and local trainees bonded strongly and we all learnt from each other as well as from the excellent tutors. The essential knowledge and skills learnt are applicable in our day-to-day practice.

Dr. Shiobhon Luk and Dr. Stephen Kwok, Trainees of the AOSOR-YC 2018

Dinner with Honorary Legal Advisor and Hang Seng Investment Management Limited (HSVM), 10th December 2018

Dr. Chan Tze Mun, Honorary Treasurer of Hong Kong College o<u>f</u> Radiologists

As a token of appreciation to the expertise financial planning and investment advice to our College, a dinner was organized on 10th December 2018 to express our gratitude to their support throughout these years.

Our honored guests in the dinner included:

Ms. Rosita Lee	Director & Head of Investment Products and Advisory Business, HSVM
Mr. Chris Tam	Executive Vice President, Institutional Business, HSVM
Ms. Pammy Fung	Director, Crowe (HK) CPA Limited
Ms. Penny Chan	Principal, Crowe (HK) CPA Limited
Mrs. Mabel Lui	Honorary Legal Advisor, Hong Kong College of Radiologists
	Head of Greater China Commercial Practice, Corporate, Withers

Our College has engaged in many activities which frequently entails financial implications and complicated accounting matters. We have always been able to count on HSVM, Mr. Charles Chan and his colleagues for monitoring our portfolio and rendering sustained advisory services to secure a stable financial position throughout these years. And we were glad to know that Hang Seng Investment Management has marked its 25th Anniversary in 2018 while Crowe Horwath has rebranded its global network of firms, and changed its name to Crowe in June 2018. In addition, Mrs. Lui, our Honorary Legal Advisor, has been very supportive since the early days of the founding of our College. We would like to take this opportunity to also express our appreciation to HSVM, our Honorary Legal Advisor Mrs. Mabel Lui and our Honorary Auditor, Mr. Charles Chan.



Back row (from left to right): Dr. Ng Wai-Tong, Dr. Neeraj Mahboobani, Dr. Wong Yiu-Chung, Prof. Anne Lee, Dr. Yolanda Lee, Dr. Wong Kam-Hung, Dr. Poon Wai-Lun, Dr. Danny Cho, Dr. Jeffrey Chiu, Dr. Ngai Wai-Tat, Dr. Lam Ka-On

Front row (from left to right): Ms. Penny Chan, Mrs. Mabel Lui, Ms. Pammy Fung, Dr. Law Chun-Key, Dr. Lilian Leong, Ms. Rosita Lee, Mr. Chris Tam, Dr. Jennifer Khoo

Dr. Shiobhon Luk, Dr. Julian Fong, Co-convenors of HKCR Young Fellows Network

The Dr. F.L. Chan Medal was endowed in 2007 by the fundamental foundation from Mr. Wong Man Wai, the father-in-law of Dr. F.L. Chan, in memory of the late Dr. F.L. Chan, our former Warden of the Hong Kong College of Radiologists.

Being a devoted radiologist for more than 35 years, Dr. F.L. Chan demonstrated remarkable contributions to the radiology profession. Dr. F.L. Chan was the first Hong Kong candidate to receive the distinguished Rohan Williams Medal for his outstanding performance in the Final Fellowship Examination of the Royal College of Radiologists in October 1975. Dr. Chan supported the

Hong Kong College of Radiologists since its inauguration and was our Warden since the inception of our College in September 1991. He contributed significantly in establishing the structure of local radiology training and service.



Dr. F.L. Chan

The Dr. F.L. Chan Medal is awarded to the candidate with exceptional performance during Higher Training and in Exit Assessment at the first attempt. The assessment is based on various aspects including contribution to the development of radiology service and specialties, contribution to educational activities, publications, research activities and administrative

duties. The Medal is awarded by a separate Assessment Board based on the recommendation of the Exit Assessors of the three specialties.



Outstanding candidates who received the Dr. F. L. Chan Medal:

- 2010 Dr. Winnie Chan
- 2017 Dr. Neeraj Mahboobani
- 2018 Dr. Eunice Dai

Being young fellows of our College with outstanding achievements, Dr. Neeraj Mahboobani and Dr. Eunice Dai sat down with us on a Wednesday evening and shared with us their experience and views on various issues in the field of Radiology.



(Left to right) Back row: Dr. Tony Yuen, Dr. Neeraj Mahboobani, Dr. Julian Fong; Front row: Dr. Jacqueline Sitt, Dr. Eunice Dai, Dr. Shiobhon Luk

'We are very honoured and humbled to be awarded the Dr. F.L. Chan Medal,' they began. 'We are thankful to our seniors and colleagues who have provided so much support and have walked along with us throughout this journey.'

'Throughout our years of training, we have met role models within our College who have taught us the aptitudes and skills required to become good radiologists. They have also taught us to always remain humble and keep learning,' they added.

When asked about their views on the current status and future of radiology, they reminded us of the potential challenges and opportunities that lie ahead. 'We can be optimistic about the future of radiology,' they anticipated. 'With the introduction of artificial intelligence, it can potentially improve the efficiency and quality of radiology service.'

'Artificial intelligence may also help cope with the issue of manpower challenges and increasing imaging demands,' they remarked. They also alerted us to the turf battles in radiology and certain specialties, given our evolving and overlapping roles.

Burnout and struggles with work-life balance are recognized issues within the medical profession. 'Difficulties and challenges are not uncommon throughout the years of training. It is not easy balancing the time between our work responsibilities, training, preparation for examinations and time with family,' they recalled. 'We are very grateful and relieved when our family and colleagues offered to help during challenging moments,' they said. With both of our distinguished young fellows being actively contributing to various aspects of radiology service and College activities, both of them work hard to balance their work and personal lives. 'Balancing work and life roles requires good time-management skills and prioritization of various responsibilities,' they said.

Postscript

After the enlightening interview with our two distinguished young fellows, we were impressed by their passion in the radiology profession. They have demonstrated dedication in learning radiology and optimism in facing greater challenges ahead.



First and Final Examination for the Fellowship in Nuclear Medicine, December 2018

Dr. Ho Wai Yin, Chairman, Training and Examination Subcommittee (Nuclear Medicine)

The First and Final Examination for the Fellowship in Nuclear Medicine were held at the Hong Kong Academy of Medicine Jockey Club Building on 3rd and 15th December 2018.

For the First Examination for the Fellowship in Nuclear Medicine Dr. Cheng Kam Chau from Hong Kong Sanatorium & Hospital, Dr. Ma Wai Han from Queen Mary Hospital, Dr. Wong Kwong Kuen from Gleneagles Hong Kong Hospital & Dr. Martin Law (Medical Physicist) were the examiners and Mr. Teddy Tang was the observer. Two candidates successfully passed the examination.



Front row (from left to right): Dr. WH Ma, Dr. KC Cheng, Dr. YC Wong, Dr. KK Wong Back row (from left to right): Dr. Martin Law, Mr. Teddy Tang

For the Final Examination for the Fellowship in Nuclear Medicine, Prof. Andrew Scott from University of Melbourne, Australia was invited as the external examiner, Dr. Ho Wai Yin from Queen Mary Hospital, Dr. Lok Chiu Ming from Hong Kong Baptist Hospital, Dr. Wong Chi Ping from St. Teresa's Hospital were the local examiners and Dr. Ma Kwok Man was the invigilator. One candidate successfully passed the examination.



Front row (from left to right): Prof. Andrew Scott, Dr. YC Wong, Dr. WY Ho Back row (from left to right): Dr. CM Lok, Dr. CP Wong

Dr. Michael Koon Ming Kam, Hong Kong Sanatorium and Hospital

Limitations of conventional linear accelerator system

Radiation therapy (RT) is a multi-step process that involves tumor target delineation, dosimetric calculation, pretreatment setup verification, as well as intrafractional monitoring or adaption. During the last two decades target dose conformity has improved substantially as we transitioned from 2-dimensional to 3-dimensional (3D) techniques and, subsequently, to intensity modulated RT (IMRT), image-guided RT (IGRT), and, more recently, to stereotactic body RT (SBRT). Targeting accuracy has also improved as the localization strategies evolved from external skin markings, to 2-dimensional bony alignment, to on-line 3D or even 4D volumetric computed tomography (CT). Nonetheless, contemporary radiotherapy systems still have some existing technical problems such as those arising from the respiratory motion, inter- and intrafraction baseline shifts, and poor soft tissue contrast on linear accelerator (LINAC)-based fluoroscopy or cone beam CT (CBCT). Fiducial markers implantation, which acts as surrogate for imaging target structures of interest, is often required to facilitate online positional verification and corrections. Marker implantation, however, is an invasive procedure with the risk of complications, and potentially introduces surrogacy errors due to marker migration.

Advantages of MRI-LINAC

Many tumor targets such as those in the brain, liver, pancreas, prostate, or bone are hardly clearly visible on fluoroscopy or CBCT. Magnetic resonance imaging (MRI) provides far better soft tissue imaging quality. This inherent advantage of MRI over CT has led to the pursuit of hybrid radiotherapy systems that incorporate MRI in the treatment room to visualize on-line images of tumor targets and normal organs without the need for fiducial marker implantation, or exposing the patient to additional radiation. Importantly, the 4D MR imaging capacity provides a reliable real-time intra-fractional motion signal, which provides an opportunity for more accurate tumor tracking or adaptive replanning. With the MRI on board, there is also the possibility to perform functional imaging such as diffusion weighted imaging (DWI), dynamic contrast enhanced imaging (DCE-I), or blood-oxygenation-level-dependent (BOLD) imaging during therapy. These biological parameters measure features of tumor microenvironment including cell death, proliferation, angiogenesis, and hypoxia, and provide a chance for predicting treatment response, or even improving outcome through adaptive dose-painting.

Technical challenges of combining MRI and LINAC

It is difficult to combine MRI and LINAC together due to the interaction between MRI magnetic fields and the LINAC electromagnetic waves. On the LINAC side, many critical components, including the multi-leaf collimator and the waveguide, cannot function properly in the presence of a magnetic field. The magnetic field can also divert both electrons traveling within the beam transport system and secondary electrons generated inside patients. On the MRI side, the high-power radiofrequency energy from the LINAC may significantly deteriorate MR image quality. To overcome this, stringent shielding of the MRI magnet has been designed to prevent deflection of electrons along the electromagnetic waveguide. The effect of secondary electrons that accentuate the entry or exit radiation dose has been taken into account in the dosimetric calculation algorithm. Furthermore, dedicated radiofrequency coils of the MRI have been specially designed to allow sufficient room for the placement of immobilization device and X-ray beam entry, and yet to maintain reasonable signal to noise ratio to ensure image quality. Geometric distortion around the isocenter in the MRI-LINAC has been kept to a minimum level that allows delivery of stereotactic treatment as accurate as other frameless stereotactic radiosurgery system.

However, there are still a number of challenges ahead. Unlike diagnostic MRI, contrast injection is not feasible in MRI-LINAC. The best MRI sequences for visualization of tumor and normal organs have yet to be clinically defined. Regarding treatment of moving targets, although intrafractional motion can now be better visualized, MRI-compatible motion control mechanics such as active breathing control (ABC), abdominal compression, or gating system are still eagerly awaited. RT planning currently uses CT electron density for dose calculations. A mixed CT-MRI workflow requires image co-registration, which incurs the risk of introducing inaccuracy. In contrast, planning directly on MRI removes the systematic error of co-registration. This MRI-only workflow requires a pseudo-CT scan to give the electron density information required for dose calculations. The workflow has been successfully implemented on prostate RT planning, and is expected to be widely adopted in other tumor sites in the near future.

Current status of MRI-LINAC development

At the moment there are four different MRI-LINAC systems at various stages of development (Unity system, Australian system, Aurora-RT system, and MRIdian system). Unity and MRIdian have been FDA approved, while the other two systems are still working prototypes. They differed by their MRI field strength and magnet design. Systems that has a higher field strength theoretically will give better image quality. Clinical research and technology development works are advancing in rapid pace and the number of patients being treated is also increasing rapidly since the first system received the FDA 510(k) clearance in 2018. The early clinical findings for high dose MRI-guided adaptive treatment of pancreatic cancer have raised tremendous interest in the field. Apart from pancreas, MRI-guided SBRT of liver tumor, prostate cancer, and oligo-metastatic diseases are also areas of active research. Experts in the field predict that MRI-LINAC will become the standard clinical system in radiotherapy over the next decades.

Conclusion

MRI-LINAC allows more precise treatment with smaller treatment margin and shorter treatment course. It promotes dose escalation, and hopefully improves therapeutic ratio by increasing tumor control and reducing treatment toxicity. The maximum benefits of this new technology is yet to be explored through future clinical research.



What is Bridge?

For those who don't know what bridge is, I would like to give a simple introduction. Bridge is a card game and is played by four players. Players sitting north and south would be partners and east-west would be partners. A deck of 52 cards will be dealt and each one will thus have 13 cards.

Ace is the largest and deuce the smallest. In addition, there will be trump cards as agreed in the bidding. Trump cards can be used if a suit is led and you no longer have cards in that suit. Trump cards are of higher ranking than any card of other suits.

Each bridge deal consists of two phases: the bidding and the play. During the bidding, partners communicate information about their hands including its strength and the length of their suits. A contract will be reached and the trump suit decided. The cards are then played. The one who plays the card is called the declarer and his partner (dummy) will lay down all his cards at the table. The one side who determines the find contract will try to fulfill the contract while the defenders will try to stop the contract being made.

Bridge and clinical judgement: The Baye's Theorem

Bridge and chess are both mind games, but unlike chess, bridge plays by partnership. There is also one fundamental difference: decision in chess is based on complete information where as in bridge, probability changes when new information is revealed. Thus decisions in bridge are similar to our clinical decision. When new information is available, it changes the priority of the original differential diagnosis. Bridge and clinical judgement obey the Baye's Theorem. Baye's Theorem is a mathematical formula for determining conditional probability. The theorem provides a way to revise existing probabilities based on new information.

Sir William Osler's familiar quote "Medicine is a science of uncertainty and an art of probability" defines well the similarity between bridge and medicine. The use of Bayes' theorem for medical diagnosis is well accepted. A diagnosis is not necessary confirmed just because a test is positive. The post-test probability (positive predictive value) depends on the pretest probability (prevalence, the test result, and the sensitivity and specificity of the test). With clues from clinical history and examinations and other investigations, probabilities add up.

A clinical decision for intervention is made when the confidence of the diagnosis exceeds the treatment threshold.

How does this process happen in bridge? At the start of the play of cards, the declarer first formulates a line of play based on the cards he sees (his own cards plus the cards laid down by dummy). As each card is played, the probability of a key card will change. The declarer will adjust his line of play accordingly as the new information from each new card is revealed. The final picture will come out as the majority of the cards are played.

Does the above thinking process look similar to our day to day decision? Yes, clinical decision is a reiterative process. A presumptive diagnosis is first made. Investigations and imaging examination are ordered. The results coming back will yield new information. The diagnosis is then adjusted. This process will be repeated until a final confident diagnosis is made. The same process also occurs in our daily reading of films. When an abnormality is detected, you look for other abnormalities to support your assumption. Your aim is to draw as much information as possible from your radiological observation. You also draw information from other available sources, such as old films and clinical history. You adjust your list of differential diagnosis as you go on and reach a reasonable conclusion in your report.

Pattern Recognition and the subconscious

In radiology, pattern recognition is an important part of System 1 reasoning (automatic, unconscious process). It allows the radiologist to quickly get the diagnosis. It is a complex cognitive process that is fast and requires little mental energy. However, you need a large library of stored patterns in order to make it effective. In the absence of such patterns, you will either make a wrong diagnosis or you have to switch to a more energy demanding System 2 analysis (controlled, conscious process). Trainee radiologists usually have the problem of either making the wrong diagnosis by jumping into conclusion too early or having the problem of slow reporting. This is because the stored image patterns in their brains are not enough.

How does it affect the bridge player? Bridge playing involves making decisions. Different card combination and card distribution create numerous situations. If a bridge player is familiarized with card combination and card distribution probability, then he can play faster and use less brain energy. This is important, considering serious bridge competitions usually run from 1 to 2 weeks with at least 8 hours a day. A good bridge player usually revises these card combinations and probabilities before competition and put all these information into one's subconscious. At the time of competition, this information will flow out of one's brain effortlessly and thus conserves one's mental energy for use in conditions that requires real thinking. The use of mental energy is extensive in bridge and you can regard it as a mental marathon. Playing long competitions in bridge certainly need preconditioning preparation.

Communication

Bridge players are not allowed to communicate with each other by voice or gestures. In order to prevent these from happening, partners are separated by a screen and bidding boxes are used. The bridge system in bidding is just like language we used for communication. Each bid has a meaning and different sequences of bidding have different meanings. In the play of cards, the sequence of card play by the defenders also carry meanings called "defense signals". Communication is important to allow a bridge player to evaluate the hands of his partners so as to formulate a strategy in arriving at the optimal contract or the optimal way of defense. In radiology, translation of the imaging findings into the radiology report is important. The report is a bridge between the radiologist and the clinician. An accurate report allows the clinician to get maximal and useful information from examination. the imaging Sometimes, direct communication with the clinician is necessary to convey important information or information that cannot be described fully in the report.



The Bridge Tables with Screens

The photo shows the Bridge venue in the Asian Games. Note the set up of the bridge table with the screen. The screen is to prevent a bridge player communicating with his partner. With one pair sitting north-south and the other sitting east-west, a bridge player can see only his opponent but not his partner. Note the black tray at the center of the table. The tray is used to place the bidding cards. The tray is pushed from one side to the other during the bidding, the center hole of the screen is only opened after the bidding has finished.



The Bidding Box

The bidding box is used to prevent voice communication between the bridge player and his partner. Instead of using voice for the bidding, bidding cards are used.

The Bidding Board Bidding boards are used to keep ► the cards. Cards are dealt by computer and put into the boards. Identical sets of boards and cards are used. This ensures that the whole field is using the same sets of boards and cards to allow fair comparison.



Learning by feedback, the age of computer and big data

Adult learning depends on feedback. The quality of data available for feedback determines the amount and rate of improvement of the learner. Previously in radiology, feedback is provided by consultation of the senior and by expert consensus. In the modern age, clinical and radiological records are digitalized. Patient outcome, radiology images and pathology reports can be traced by the hospital and radiology information system. This provides valuable feedback and augments the feedback by expert consensus.

In bridge, cards are dealt by machine. Face recognition feature allows the cards dealt by the dealing machine to be recorded in the computer. Hand records are available to the players after the tournament to give feedback. Further, these hands are analyzed by the computer and the optimal contract of each hand will be displayed together with the hand record.

In international and regional tournament, the performance of various aspects of each player will be recorded and entered into a big data system. This data is available to all and can be used for future analysis and evaluation.

Bridge as a mind game

Bridge is easy to learn but further improvement demands a lot of mental skill. To be a good bridge player, you need to have plenty of ROM (good memory) and RAM (able to analyze and solve several problems simultaneously). Good analytical skill, logical thinking, formulation of good strategy and stamina are essential. It is because of the complexity of the game that makes bridge interesting. The continual thinking process would help to stimulate brain cells and decrease the rate of brain degeneration.

The Hong Kong Contract Bridge Association established in 1951 is the official Hong Kong representative member organization of the World Bridge Federation. It has helped in the development of bridge by promoting and helping to set up bridge clubs in universities and secondary schools in Hong Kong. It also organizes regular tournaments and sends teams to represent Hong Kong in various regional and international events. The yearly Intercity Bridge championship attracts many regular participants from other countries. Bridge and Chess are the only mind games recognized by the International Olympic committee and is the second sport game (after GO) organized by the Asian Games. It is also one of the five mind games (Bridge, Chess, GO, Draughts and Chinese Chess) in the World Mind Sports Games (WMSG) which is organized every 4 years after the Summer Olympics.

Bridge as a sport

Bridge competition requires great concentration, stamina and mental deduction. A typical international bridge competition lasts for one to two weeks playing eight to nine hours a day. A player is required to maintain a high level of concentration during the competition. In order to be able to achieve this, a certain amount of physical fitness is a prerequisite. It is a brain Marathon.

The World Bridge Federation is an International Federation recognized by the IOC (International Olympic Committee) and full member of the ARISF (Association of IOC Recognized International Sport Federations). The WBF, together with FIDE (Chess), FMJD (Draught) and IGF (GO) are founder members of IMSA (International Mind Sports Association) and are recognized by FISU (International University Sports Federation).

Because of the good performance of Bridge in the Asian Games, it will be included in the "Tier B Elite Sports" of the Hong Kong Sports Institute starting from April 2019 and will be under the Elite Vote Support Scheme of the HKSAR Government. Funding will be given to the sport organization and athletes will receive Elite Training Grant.



The World First Mind Sport Games

The World First Mind Sports Games was held at Beijing, immediately after the Summer 2008 Olympics in Beijing. Behind the author was the athlete's village which was adjacent to the National Stadium (Bird's Nest) and the National Aquatics Center (Water Cube). Note the athlete's pass worn by the author. The pass is equivalent to the ID card of the athlete, which has to be worn by the athlete at all times during his stay.

Bridge and Health

Bridge can enhance social skill, team spirit and development of mental abilities. Bridge helps the development of inferential thinking. The results of a research by Louise Clarkson Smith and Alan A. Hartley (Journal of Gerontology, Vol 45, Issue 6, pp233-238) on Bridge players and non-players aged 55-91 indicated that players outperformed non players in measures of working memory and reasoning. A study published in 2003 by Verghere in the New England Journal of Medicine indicated that senior citizens who play a board game or other leisure activities may have a lower risk of dementia. Bridge provides the opportunity to make social contact and is a trust game.

Conclusion

Bridge is an interesting game. Good analytical skill and logical thinking are essential. It requires trust and good cooperation between the partners. By practicing bridge, you improve your mental skill as well as communication skill. With the success of Hong Kong in recent bridge events, it is hoped that bridge will flourish in the younger generations of Hong Kong.



▲ The 2018 Asian Games Silver Medal The front of the medal bears the logo, themed "Energy of Asia", depicts an aerial view of Gelora Bung Karno Stadium, which was built for when Jakarta hosted the Asian Games in 1962.

Dr Lam Hon Shing in the Asian Games.



▲ The Hong Kong Bridge Team in the Asian Games.

About the Author:

Dr. Lam Hon Shing is a grand master of the Hong Kong Contract Bridge Association. He got the Hong Kong Open Pairs Champion in 2010 and Hong Kong Open Team Champion in 2011. His world ranking is 181 in the senior category (2018 December, World Bridge Federation). He had represented Hong Kong more than 10 times as player and as team captain in both regional and world events. In the Asian Games 2018, he had led the Hong Kong Team to get two silver medals and two bronze medals. He was also the finalist in the Senior Pairs World Championship in Orlando USA 2018.

Dr. Lam is also the recipient of Distinguished Contribution Award and former Warden of Hong Kong College of Radiologists.



The 5th Theranostics World Congress 2019, 1st – 3rd March 2019

Dr. Yancol Hui, Queen Elizabeth Hospital

The term "theranostics" symbolizes the inseparability of diagnosis and therapy and has a profound effect on personalized disease management. Since the 1st Theranostics World Congress (TWC) held in Germany in 2011, there has been tremendous growth in interests in research, development and clinical applications of radiopharmaceuticals for diagnostic and therapeutic purposes. The field is entering into an exciting phase of its evolution with new targets being identified and increasing evidence of the success and wider applicability in clinical practices. The Theranostics World Congress is held every 2-3 years over the world to gather the clinical experience and



Lecture at the 5th Theranostics World Congress

promote theranostics and is recognized as a highly important event in the fields of nuclear medicine. The 5th Theranostics World Congress, organized by the Korea Association for Nuclear Medicine Promotion, was successfully held in one of Korea's most prestigious destination and UNESCO World Natural Heritage Site – Jeju Island. This three-day congress took place at the Shilla Jeju Hotel, Jeju, on 1st to 3rd March 2019. The main aims and objectives of this latest congress are to expand our vision beyond the current status of theranostics and to translate and promote this therapeutic breakthrough to developing countries for the benefit of patients worldwide.



Audience during the commencement of the Luncheon Seminar

This year, thousands of nuclear medicine physicians, radiochemists and physicists from all over the world attended the congress. The event was kicked off with the opening ceremony and a keynote lecture by Professor Kim Sung Hoon of Seoul National University about uncovering novel biomarkers for next generation theranostics. Renowned international experts including Prof. Michael Hofman, Prof. Richard Wahl and Prof. Richard Baum offered a diverse range of lectures and updates on their groundbreaking work, with special focus on personalized medicine, theranostics on prostate cancer and next generation theranostics including alpha emitters. Overall there were hundreds of invited and poster presentations throughout the congress.

From Hong Kong, we were delighted to have nuclear medicine physicians going for active participation. Dr. Ting-Kun Au Yong from QEH was invited as a speaker during the TEIN Luncheon Seminar, which was a highlight event in TWC, to share his experience on theranostics and update current status of theranostics in Hong Kong. Dr. Yan-Ho Hui from QEH had a poster presentation on local experience on the clinical safety and treatment efficacy of peptide receptor radionuclide therapy.



Dr. TK Au Yong delivering a talk on current status of theranostics in Hong Kong

The congress ended with a keynote lecture by Dr. Lee Soo Dong, the President of World Federation of Nuclear Medicine and Biology, followed by the closing ceremony. Overall it was an enriching and enjoyable experience for the participants. The next theranostics world congress will be held in Chile in 2021 and we are looking forward to participate in this important event.



Our College Council Members, Dr. POON Wai Lun and Dr. NGAI Wai Tat, were invited to participate in the HKAM Special Series Broadcast in the programme "Healthpedia 精靈一點" on Radio Television of Hong Kong (RTHK). The episode is available online here: https://hkam25.hkam.org.hk/rthk-page/



Congratulations

Presentation

The 5th Theranostics World Congress 2019

Poster Presentation : Initial experience on the clinical safety and treatment efficacy of peptide receptor radionuclide therapy (PRRT): local experience in a single center

Authors: YH Hui, BT Kung, TK Au Yong

Share your good news!

We are happy to share your good news in the College Newsletter. Do let us know your accomplishment such as winning of awards and advancement in academic research and we will list them in the coming issue of Newsletter. Please feel free to update us by sending information to enquiries@hkcr.org.

Book Review

Dr. Inda Soong, Pamela Youde Nethersole Eastern Hospital

Title	: Nasopharyngeal Carcinoma: From Etiology to Clinical Practice
Editors	: Anne W.M. Lee, Maria Li Lung, and Wai Tong Ng
eBook ISBN	: 9780128149379
Paperback ISBN	: 9780128149362
Imprint	: Academic Press
Published Date	: 27 th March 2019
Page Count	: 394
Reviewer	: Inda S Soong

Nasopharyngeal Cancer (NPC) is a special lethal disease with great Chinese characteristics, having a high geographical relevance to Hong Kong, Greater Bay Area, "Two-Guangs" in China, and Belt-and-Road Initiative's targeted areas. This book is the most updated summary for The University of Hong Kong research group's Area of Excellence (AoE) research findings (basic, translational and clinical) on NPC, together with an extensive review of literature. There are 17 chapters in this book. The readers can understand from it the history of NPC, NPC genetics and genomics, pathogenesis of EBV infections, and epidemiology. The establishment of patient-derived cell lines



and xenografts, translational preclinical studies, identification of useful diagnostic biomarkers,

imaging modalities for NPC, staging and different modalities of treatment for NPC (radiotherapy, chemotherapy, surgical, and immunotherapy) are also well covered.

Furthermore, each chapter is accompanied by a commentary written by international experts in the field to discuss the current knowledge, the unanswered questions, and the way forward. With the integration of basic and clinical aspects of NPC and Epstein-Barr virus (EBV) studies, this book certainly fulfills its aims to move forward together, better armed, to improve the prevention and treatment outcomes for patients with this deadly disease.

This book would certainly be a valuable source of information for our fellow radiologists & oncologists who are involved in the diagnosis and treatment of NPC. In my personal opinion, this book can also be a nice choice of gift for overseas guests, representing Hong Kong doctors' collective efforts in combating NPC.

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Status	Number
Honorary Fellow	18
Honorary Member	8
Fellow	583
Member	129
Trainee Member	53
Associate Member	4
Total	795

Our College has the following numbers of members as at 31 March 2019

List of Fellows admitted from 1 October 2018 till 31 March 2019

Admission date	Name	Specialty	Institute
29 January 2019	Dr. CHAN Chik Xing Jason	RD	ТМН
29 January 2019	Dr. CHAN Ting Sang	RD	PMH
29 January 2019	Dr. CHENG Andrew Kai-chun	RD	QMH
29 January 2019	Dr. CHEUNG Ka Man	СО	QEH
29 January 2019	Dr. CHOW Chung Hang James	CO	QEH
29 January 2019	Dr. FUNG Kin Fen Kevin	RD	KWH
29 January 2019	Dr. HO Wang Kwong	CO	QEH
29 January 2019	Dr. KAM Tsz Yeung	CO	PYNEH
29 January 2019	Dr. LAM Sun Yu	RD	TMH
29 January 2019	Dr. LAU Tsz Shan	СО	PMH
29 January 2019	Dr. LEE Kam Ho	RD	QMH
29 January 2019	Dr. LEE Ying Cheong	RD	PMH
29 January 2019	Dr. MAN Ka Yun	RD	PYNEH
29 January 2019	Dr. NG Hoi Ting Grace	RD	QMH
29 January 2019	Dr. NG Tsz Yi Joyce	CO	PWH
29 January 2019	Dr. NG Wing Ki	RD	TMH
29 January 2019	Dr. TANG Joseph Andrew Wing Kin	RD	PYNEH
29 January 2019	Dr. WONG Chun Yin	CO	PYNEH
29 January 2019	Dr. WONG Stephen Ka-hon	RD	PMH
29 January 2019	Dr. WU Philip Yuguang	CO	PYNEH
29 January 2019	Dr. YIP Yan Yee Chloe	CO	PYNEH
29 January 2019	Dr. YUEN Tsz Yau	RD	PWH

List of Members admitted from 1 October 2018 till 31 March 2019

Admission date	Name	Specialty	Institute
27 November 2018	Dr. CHAN Hoi Ling	RD	NDH
27 November 2018	Dr. CHAN Lok Hei Derek	RD	QMH
27 November 2018	Dr. CHAN Yi Lam Priscilla	RD	TMH
27 November 2018	Dr. CHEUNG Pui Lam	RD	TMH
27 November 2018	Dr. CHOW Daryn Yi Ler	CO	QMH
27 November 2018	Dr. KWOK Sing Hon	NM	PYNEH
27 November 2018	Dr. LAM Justin Chak Yiu	RD	TMH
27 November 2018	Dr. SUEN Chun Hong	RD	UCH
27 November 2018	Dr. YEUNG Lok Hang	RD	UCH
18 December 2018	Dr. CHAN Arren	RD	QMH
18 December 2018	Dr. LAW Wing Chung	RD	PWH
18 December 2018	Dr. MAK Yan Sin	RD	PYNEH
18 December 2018	Dr. MAK Yuen Hei	RD	QMH
18 December 2018	Dr. WAN Fong Ying	RD	QEH
18 December 2018	Dr. WONG Siu Chun	RD	PMH
29 January 2019	Dr. CHAN Cherry Cheuk Yan	RD	KWH
29 January 2019	Dr. CHEUNG Claudia	RD	KWH
29 January 2019	Dr. LO Hong Yip	RD	KWH

Admission date	Name	Specialty	Institute
26 February 2019	Dr. CHEUNG Ivan Hoi Wei	RD	QMH
26 February 2019	Dr. NG Kwok Sing	NM	QEH
26 February 2019	Dr. WONG Wai Chung	NM	QEH

List of Members admitted from 1 October 2018 till 31 March 2019

List of Trainee Member admitted from 1 October 2018 till 31 March 2019

Admission date	Name	Specialty	Institute
27 November 2018	Dr. TAM Catherine Wing Yan	RD	NDH
27 November 2018	Dr. YU Suet Mui	RD	PWH
18 December 2018	Dr. CHAN Matthew Chun	RD	PWH
18 December 2018	Dr. LEUNG Joyce May-sum	СО	PWH
26 February 2019	Dr. WONG Wai Hin	CO	QEH

Obituary



Hong Kong College of Radiologists is deeply saddened by the loss of our diligent Fellow, Dr. Monica Chan Sze-Man (1968 - 2018), MBBS (HK), FRCR (UK), FHKCR, FHKAM (Radiology) PhD (Medical Science) (Tohoku).

Dr. Chan graduated from the University of Hong Kong class of 1994 and became the Fellow of the Hong Kong College of Radiologists since 2002. She undertook her Radiology training in Tuen Mun Hospital. Following her residency, she served in two public hospitals in Hong Kong, PYNEH & PWH. Her post by the time she left Hospital Authority was Associate Consultant. She opened her own practice in Causeway Bay since 2009.

Dr. Chan was a beloved doctor, wife, daughter, and friend. Friends and family remember her as a person with lovingkindness, sympathetic joy and compassion. She was amazingly kind, a generous and welcoming friend who shared and helped others. Those who know her would be impressed by her zealous pursuit of knowledge, which was well exemplified by her tireless efforts devoted in post-graduate training in the field of cancer research treatment through immunotherapy. Besides her work on cancer research in Japan, Dr. Chan also served her alma mater and she was a tutor to teach problem-based learning at HKU medical school. She was the Honorary Clinical Associate Professor in Department of Diagnostic Radiology.

Dr. Chan will be dearly missed.



Dr. Rudy Khoo OBE, MBBS(HK), FRCP (Edin), FRCS (Edin), FRCR, DMRT, FHKAM, FHKCR, FHKCP passed away peacefully on 24 January 2019 in North Vancouver, Canada. Dr Khoo was one of the first Fellows of the Hong Kong College of Radiologists.

Dr. Khoo was a visionary leader in Oncology and public healthcare. From 1973 to 1984, he headed the Radiotherapy & Oncology Division at Queen Mary Hospital. He was Deputy Director of Medical & Health Services of Hong Kong, an official member of the Legislative Council and a Member of Hong Kong Medical Council during the 1980s. In recognition of Dr Khoo's remarkable service to the Hong Kong society, he was awarded with Justice of Peace (J.P.) and Officer of the Most Excellent Order of the British Empire (O.B.E.).

Besides leading an exceptional professional career, Dr. Khoo was a dedicated husband, father, grandfather and great grandfather. Always leading and teaching by example, his kindness, thoughtfulness, generosity and pursuit of perfection will forever be remembered. Instead of mourning his passing, Dr. Khoo's family celebrated his meaningful life and remembered all his wonderful deeds and contributions.

Dr. Khoo will be dearly missed and his legacy will live on through the many lives he touched and enriched.

Date	Event	Venue	Website
9-10	Abdominal Radiology Group Australia &	Auckland,	https://www.arganz.org/index.
March 2019	New Zealand (ARGANZ) Meeting 2019	New Zealand	php/meeting-2019/home.html
17-22	Society of Abdominal Radiology (SAR) 2019	Florida, USA	https://www.abdominalradiology.
March 2019	Annual Scientific Meeting and Educational Course		org/page/AnnualMeeting
21-23	The 13 th Congress of Asian Society of	Taipei <i>,</i>	http://www.asci-2019.org/
March 2019	Cardiovascular Imaging (ASCI 2019)	Taiwan	
3-6	German Society of Nuclear Medicine Annual Congress	Bremen,	https://nukmed19.
April 2019	2019 (DGN 2019)	Germany	nuklearmedizin.de
26-27 April 2019	RadiologyAsia 2019	Singapore	https://www.radiologyasia.com/
26-28	The 49 th Annual Scientific Meeting of the Australian and	Adelaide,	http://www.anzsnmconference.
April 2019	New Zealand Society of Nuclear Medicine (ANZSNM)	Australia	com/ANZSNM2019
18-23	ASNR 57 th Annual Meeting Connection Science	Boston,	https://2019.asnr.org/
May 2019	& Practice (2019)	USA	
24-26	9 th IDKD Asia 2019:	Hong Kong SAR	https://www.idkd.org/cms/
May 2019	Diseases of the Abdomen and Pelvis		idkd-asia-hong-kong
31 May -	American Society of Clinical Oncology	Chicago,	https://meetings.asco.org/am/
4 June 2019	Annual Meeting (ASCO 2019)	USA	register-submit-abstracts
22-25	The Society of Nuclear Medicine &	California,	http://www.snmmi.org/
June 2019	Molecular Imaging (SNMMI) 2019 Annual Meeting	USA	am2019?navItemNumber=581
3-6	ESMO World Congress on	Barcelona,	https://www.esmo.org/Conferences
July 2019	Gastrointestinal Cancer 2019	Spain	/ESMO-World-GI-2019
15-18 September 2019	2019 ASTRO Annual Meeting	Chicago, USA	https://www.astro.org/Meetings- and-Education/Live-Meetings/2019 /2019-ASTRO-Annual-Meeting
26-28	19 th Annual Scientific Meeting of Asian and	Seoul,	http://www.aospr2019.org/
September 2019	Oceanic Society for Paediatric Radiology (AOSPR 2019)	South Korea	
27 September -	ESMO 2019 Congress	Barcelona,	https://www.esmo.org/Conferences
1 October 2019		Spain	/ESMO-2019-Congress
12-16 October 2019	EANM' 19	Barcelona, Spain	https://eanm19.eanm.org/
17-20 October 2019	RANZCR 70 th Annual Scientific Meeting (2019)	Auckland, New Zealand	http://www.ranzcr2019.com/
23-26	The 51 st Congress of the International Society	Lyon,	https://siop-congress.org/
October 2019	of Paediatric Oncology (SIOP 2019)	France	
16-17 November 2019	8 th Joint Scientific Meeting of RCR & HKCR and 27 th Annual Scientific Meeting of HKCR	Hong Kong SAR	https://www.hkcr.org/
1-6	Radiological Society of North America Scientific	Chicago,	https://www.rsna.org/
December 2019	Assembly and Annual Meeting (RSNA 2019)	USA	annual-meeting

HKCR Council Meeting Dates in 2019

29 January 2	019	28 May 2019	23 September 2019
26 February 2	2019	25 June 2019	22 October 2019
26 March 20	19	30 July 2019	26 November 2019
30 April 201	9	27 August 2019	17 December 2019



The Council (2018-2019)

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