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 IIIB 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
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 to the College, not necessarily 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 phase 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.myers.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 2nd 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 attended the 粵港澳大灣區醫師聯盟工作會議 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 粵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.
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 examination purpose and the workflow logistics. These arrangement, manpower support, clinical materials for examination venue, including the physical space, room arrangement in response to some external factors. You may recall from my previous jottings that the First FRCR Examination in Anatomy for Radiology has already been posted on the progress.

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
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 Neurointerventional 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.

Message from the Editor

Dr. CY Lui

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:
I. 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
**Clinical Radiology**

**Date**: 9th - 14th 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 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. LO Shing Wai Sherwin  
Dr. POON Wai Lun  
**Observers**: Dr. CHIU Long Fung Jeffrey  
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 Weng (Singapore General 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), WONG Ho Ching Amy (Pamela Youde Nethersole Eastern Hospital), YAM Kai Ho Max (North District Hospital), YU Chun Hung Kevin (Tuen Mun Hospital), YU Man Leung (Queen Mary Hospital)

**Clinical Oncology**

**Date**: 14th 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. 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**: 3rd & 15th 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 Candidates**: NG Kwok Sing (Queen Elizabeth Hospital), WONG Wai Chung (Queen Elizabeth Hospital)

**Final Examination for the Fellowship in Nuclear Medicine – December 2018**

**Date**: 3rd & 15th 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. WONG Chi Ping  
**Invigilator**: Dr. MA Kwok Man  
**Successful Candidate**: NG Koon Kiu (Queen Elizabeth Hospital)
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
- CHAN Ting Sang, Princess Margaret Hospital
- CHENG Andrew Kai Chun, Queen Mary Hospital
- FUNG Kin Fen Kevin, Kwong Wah Hospital
- LAM Sun Yu, Tuen Mun Hospital
- LEE Kam Ho, Queen Mary Hospital
- LEE Ying Cheong, Princess Margaret Hospital
- MAN Ka Yun, Pamela Youde Nethersole Eastern Hospital
- NG Hoi Ting Grace, Queen Mary Hospital
- NG Wing Ki, Tuen Mun Hospital
- TANG Josph Andrew Wing Kin, Pamela Youde Nethersole Eastern Hospital
- WONG Stephen Ka Hon, Princess Margaret Hospital
- YUEN Tsz Yau, Prince of Wales 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
- CHOW Chung Hang James, Queen Elizabeth Hospital
- HO Wang Kwong, Queen Elizabeth Hospital
- KAM Tsz Yeung, Pamela Youde Nethersole Eastern Hospital
- LAU Tsz Shan, Princess Margaret Hospital
- NG Tsz Yi Joyce, Prince of Wales Hospital
- WONG Chun Yin, Pamela Youde Nethersole Eastern Hospital
- WU Philip Yuguang, Pamela Youde Nethersole Eastern Hospital
- YIP Yan Yee Chole, Pamela Youde Nethersole Eastern Hospital

The Fifth Palliative Medicine Subspecialty 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. LUI Cheuk Yu
Dr. SIU Wai Kwan Steven

Observers: Dr. CHAN Kuen
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)
### Spring 2019

<table>
<thead>
<tr>
<th>Date</th>
<th>Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, 25th February 2019</td>
<td>Final FRCR (Part A) in Clinical Oncology</td>
</tr>
<tr>
<td>Tuesday, 26th February 2019</td>
<td>First FRCR in Clinical Oncology (Cancer Biology &amp; Radiobiology / Clinical Pharmacology)</td>
</tr>
<tr>
<td>Wednesday, 27th February 2019</td>
<td>First FRCR in Clinical Oncology (Medical Statistics / Physics)</td>
</tr>
<tr>
<td>Thursday, 7th March 2019</td>
<td>First FRCR in Clinical Radiology (Physics)</td>
</tr>
<tr>
<td>Friday, 8th March 2019</td>
<td>First FRCR in Clinical Radiology (Anatomy)</td>
</tr>
</tbody>
</table>

### Summer 2019

<table>
<thead>
<tr>
<th>Date</th>
<th>Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, 5th June 2019</td>
<td>Final FRCR (Part A) in Clinical Radiology</td>
</tr>
<tr>
<td>Thursday, 13th June 2019</td>
<td>First FRCR in Clinical Radiology (Physics)</td>
</tr>
<tr>
<td>Friday, 14th June 2019</td>
<td>First FRCR in Clinical Radiology (Anatomy)</td>
</tr>
</tbody>
</table>

### Autumn 2019

<table>
<thead>
<tr>
<th>Date</th>
<th>Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, 28th August 2019</td>
<td>Final FRCR (Part A) in Clinical Oncology</td>
</tr>
<tr>
<td>Thursday, 29th August 2019</td>
<td>First FRCR in Clinical Oncology (Cancer Biology &amp; Radiobiology / Clinical Pharmacology)</td>
</tr>
<tr>
<td>Friday, 30th August 2019</td>
<td>First FRCR in Clinical Oncology (Medical Statistics / Physics)</td>
</tr>
<tr>
<td>Thursday, 12th September 2019</td>
<td>First FRCR in Clinical Radiology (Physics)</td>
</tr>
<tr>
<td>Friday, 13th September 2019</td>
<td>First FRCR in Clinical Radiology (Anatomy)</td>
</tr>
</tbody>
</table>

### Winter 2019

<table>
<thead>
<tr>
<th>Date</th>
<th>Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, 11th December 2019</td>
<td>Final FRCR (Part A) in Clinical Oncology</td>
</tr>
</tbody>
</table>

### 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

The Hong Kong Precision Oncology Society (HKPOS) hosted its 5th Hong Kong International Oncology Symposium (HKIOS) on 10th & 11th 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 tumor heterogeneity, single cell isolation, single molecule sequencing, epidemiology and cancer control in mainland China, personalized immunotherapy and newer targeted therapies.

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.

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.

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.
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.
**List of Awards**

**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, United 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  
“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  
“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 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 Hricak, 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 Radiologists 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”.

An exciting lucky draw concluded the Dinner. Fantastic prizes were generously donated by Council Members of HKCR. As the MC at the Dinner, I was delighted to see that everyone enjoyed the convivial night of laughter, joy and fun!
26th ASM of HKCR

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) 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.
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.

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.

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
As a token of appreciation to the expertise financial planning and investment advice to our College, a dinner was organized on 10\textsuperscript{th} 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

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 25\textsuperscript{th} 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.
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.

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.

‘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.
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.

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.

“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.

Interview with HKCR Distinguished Young Fellows – Dr. F.L. Chan Medalists

Dr. Eunice Dai and her family

Dr. Neeraj Mahboobani and his family

HKCR NEWSLETTER • Spring 2019
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.
New Technology Corner:
MRI-Linear Accelerator Radiotherapy System – A dream come true

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 have 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 the imaging examination. Sometimes, direct communication with the clinician is necessary to convey important information or information that cannot be described fully in the report.

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](image)

The World First Mind Sports Games was held at Beijing, immediately after the Summer Olympics in 2008 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.

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 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 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.

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.

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: 27th 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-Guang” 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.
I. Education Committee

Dr. WONG Yiu Chung (Chairman)
Dr. KWOK Kai Yan Stephen (Honorary Secretary)
Dr. CHAN Tze Mun
Dr. CHENG Lik Fai
Dr. CHEUNG Chi Wai, Stephen
Dr. HO Wai Yin
Dr. KAN Yee Ling Elaine
Prof. Ann KING
Dr. LAW Chun Key
Dr. Lilian LEONG
Dr. Francis TANG
Dr. CHENG Hoi Ching (Co-opted Member)
Dr. LAM Ka On (Co-opted Member)
Dr. TANG Yip Kan Kendrick (Co-opted Member)

(a) Examination Board
Dr. CHEUNG Chi Wai, Stephen (Chairman)
Dr. FANG Xin Hao, Benjamin
Dr. HO Wai Yin
Dr. KWOK Kai Yan, Stephen
Dr. NG Wai Tong
Dr. POON Wai Lun
Dr. WONG Ka Tak
Dr. WONG Kam Hung
Dr. WONG Yiu Chung
Dr. YUEN Kwok Keung

(b) CME/CPD Sub-Committee
Dr. CHEUNG Chi Wai, Stephen (Chairman)
Dr. AU Kwok Hung
Dr. AU YEUNG Wai San, Andrea
Dr. CHAN Sze Wun, Winnie
Dr. CHIU Sau Hin, Sonny
Dr. IP Jing Kun, Janice
Dr. KUNG Boom Ting
Dr. LAM Hiu Yin, Sonia
Dr. LEE Sing Fun, Paul
Dr. LEE Siu Hong
Dr. LI On Chee, Angela
Dr. TSANG Wai Kan, Kassel
Dr. YAU Chun Chung

(c) Scientific Sub-Committee

Radiology & Nuclear Medicine
Dr. POON Wai Lun (Chairman)
Dr. CHEUNG Kai Yat, Kenneth
Dr. CHO Hing Yan, Danny
Dr. IP Jing Kun, Janice
Dr. KAN Yee Ling, Elaine
Dr. KUNG Boom Ting
Dr. LEE Ka Lok, Ryan
Dr. LEUNG Siu Ting
Dr. LUK Yiu Shiohbon
Dr. Neeraj Ramesh MAHBOOBANI
Dr. PAN Nin Yuan
Dr. SITT Ching Man
Dr. TSE Kin Sun, Sunny

Clinical Oncology
Dr. SZE Chun Kin, Henry (Honorary Secretary)
Dr. CHANG Tien Yee, Amy
Dr. TAI Yin Ping, Anna
Dr. WONG Chun Wai Kenneth
Dr. WONG Chun Yin Edwin
Dr. YIP Pui Kit Yvonne

(d) Training Course Sub-Committees

Radiology
Dr. KWOK Kai Yan, Stephen (Chairman)
Dr. LEE Chiu Wing, Alexander (Honorary Secretary)
Dr. CHAN Ho Fung, Tommy
Dr. CHOI Pak Tat, Frankie
Dr. HUNG Hiu Yee, Esther
Dr. LAM Hiu Yin, Sonia
Dr. LAI Kwok Keung, Thomas
Dr. LUI Chun Ying
Dr. SU Yung Woon, Dyeyond
Dr. TAM Kwok Fai
Dr. TANG Yip Kan, Kendrick
Dr. TSE Kin Sun, Sunny
Dr. WONG Kwok Chun

Clinical Oncology
Dr. LUK Mai Yee (Chairman)
Dr. AU Kwok Hung
Dr. CHENG Chi Kin, Ashley
Dr. CHENG Hoi Ching
Dr. LEE Ann Shing
Dr. NG Wai Tong
Dr. Francis TANG
Dr. Macy TONG
Dr. Timothy YIP
Membership List of Committees and Subcommittees 2018 – 2019

Training and Examination Sub-Committee (Nuclear Medicine)
Dr. HO Wai Yin (Chairman)
Dr. MA Wai Han, Vivian (Honorary Secretary)
Dr. CHENG Kam Chau
Dr. KUNG Boom Ting
Dr. LAM Kwok Kai
Mr. TANG Chun Ting
Dr. WONG Chi Ping
Dr. WONG Sze Chun

(e) Education & Research Fund Sub-Committee
Dr. CHEUNG Chi Wai, Stephen (Chairman)
Dr. CHAN Tao
Dr. CHAN Yu Leung
Dr. CHOI Ho Keung, Peter
Ms. Ruby FUNG
Dr. LEE Ho Fun, Victor
Dr. YAU Tsz Kok

(f) HKCR 15A Travelling Fellowship Sub-Committee
Dr. POON Wai Lun (Chairman)
Dr. LAW Chun Key
Dr. NGAI Wai Tat
Dr. WONG Ka Tak
Dr. WONG Yiu Chung

(g) Subspecialty Board (Palliative Medicine)
Dr. YUEN Kwok Keung (Chairman)
Dr. LUI Cheuk Yu, Louisa (Honorary Secretary)
Dr. LO Sing Hung
Dr. WONG Kam Hung
Dr. WONG Yiu Chung, Ivan

II. Membership Committee
Dr. LAW Chun Key (Chairman)
Dr. LEUNG Kwok Cheung (Honorary Secretary)
Dr. CHEUNG Foon Yiu
Dr. CHOI Pak Tat, Frankie
Dr. FUNG Po Yan, Eliza
Prof. KWONG Lai Wan, Dora
Dr. LAI Bing Man
Dr. POON Wai Lun
Dr. TAN Chong Boon

III. Finance Committee
Dr. CHAN Tze Mun (Chairman)
Mr. Charles CHAN (Honorary Auditor)
Dr. LAM Ka On (Honorary Secretary)
Dr. CHIU Long Fung, Jeffrey
Dr. LAW Chun Key
Dr. Lilian LEONG
Dr. LEE Yim Ping

IV. Constitution Sub-Committee
Dr. KAN Yee Ling, Elaine (Chairman)
Dr. CHAN Chi Sang, James
Dr. CHEUNG Chi Wai, Stephen
Dr. KHOO Lai San, Jennifer
Dr. LEE Ho Fun, Victor
Dr. WONG Ka Tak, Jeffrey

V. House Sub-Committee
Dr. KAN Yee Ling, Elaine (Chairman)
Dr. LUK Yiu, Shiobhon (Honorary Secretary)
Dr. FUNG Kin Fen, Kevin
Dr. KHOO Lai San, Jennifer
Dr. LAI Yee Tak, Alta
Dr. LAW Chun Key
Dr. WONG Ho Ching, Amy
Dr. WONG Sze Chun, Jeremy

VI. HKJR Editorial Board
Prof. CHU Chiu Wing, Winnie (Editor-in-Chief)
Dr. NGAN Kai Cheong, Roger (Deputy Editor-in-Chief)
Dr. YUEN Ming Keung (Deputy Editor-in-Chief)

VII. Homepage Sub-Committee
Dr. FONG Chun Yan (Co-Chairman)
Dr. Neeraj Ramesh MAHBOOBANI (Co-Chairman)
Dr. Gregory Ernest ANTONIO
Dr. CHAN Sum Yin
Dr. CHAN Tze Mun
Dr. FANG Xin Hao, Benjamin
Dr. LAM Ho Ching
Dr. LO Shing Wai, Sherwin
Dr. PAN Nin Yuan

VIII. Newsletter Sub-Committee
Dr. LUI Chun Ying (Chairman)
Dr. CHO Hing Yan, Danny
Dr. DAI Yuk Ling, Eunice
Dr. KHOO Lai San, Jennifer
Dr. LAM Ka On
Dr. LUK Yiu, Shiobhon
Dr. NGAI Wai Tat
Dr. SITT Ching Man
Dr. SOONG Sung Inda
Dr. WONG Cheuk Kei, Kathy
Our College has the following numbers of members as at 31 March 2019

<table>
<thead>
<tr>
<th>Status</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honorary Fellow</td>
<td>18</td>
</tr>
<tr>
<td>Honorary Member</td>
<td>8</td>
</tr>
<tr>
<td>Fellow</td>
<td>583</td>
</tr>
<tr>
<td>Member</td>
<td>129</td>
</tr>
<tr>
<td>Trainee Member</td>
<td>53</td>
</tr>
<tr>
<td>Associate Member</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>795</strong></td>
</tr>
</tbody>
</table>

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

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

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

<table>
<thead>
<tr>
<th>Admission date</th>
<th>Name</th>
<th>Specialty</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 November 2018</td>
<td>Dr. CHAN Hoi Ling</td>
<td>RD</td>
<td>NDH</td>
</tr>
<tr>
<td>27 November 2018</td>
<td>Dr. CHAN Lok Hei Derek</td>
<td>RD</td>
<td>QMH</td>
</tr>
<tr>
<td>27 November 2018</td>
<td>Dr. CHAN Yi Lam Priscilla</td>
<td>RD</td>
<td>TMH</td>
</tr>
<tr>
<td>27 November 2018</td>
<td>Dr. CHEUNG Pui Lam</td>
<td>RD</td>
<td>TMH</td>
</tr>
<tr>
<td>27 November 2018</td>
<td>Dr. CHOW Daryn Yi Ler</td>
<td>CO</td>
<td>QMH</td>
</tr>
<tr>
<td>27 November 2018</td>
<td>Dr. KWOK Sing Hon</td>
<td>NM</td>
<td>PYNEH</td>
</tr>
<tr>
<td>27 November 2018</td>
<td>Dr. LAM Justin Chak Yiu</td>
<td>RD</td>
<td>TMH</td>
</tr>
<tr>
<td>27 November 2018</td>
<td>Dr. SUEN Chun Hong</td>
<td>RD</td>
<td>UCH</td>
</tr>
<tr>
<td>27 November 2018</td>
<td>Dr. YEUNG Lok Hang</td>
<td>RD</td>
<td>UCH</td>
</tr>
<tr>
<td>18 December 2018</td>
<td>Dr. CHAN Arren</td>
<td>RD</td>
<td>QMH</td>
</tr>
<tr>
<td>18 December 2018</td>
<td>Dr. LAW Wing Chung</td>
<td>RD</td>
<td>PWH</td>
</tr>
<tr>
<td>18 December 2018</td>
<td>Dr. MAK Yan Sin</td>
<td>RD</td>
<td>QMH</td>
</tr>
<tr>
<td>18 December 2018</td>
<td>Dr. MAK Yuen Hei</td>
<td>RD</td>
<td>QMH</td>
</tr>
<tr>
<td>18 December 2018</td>
<td>Dr. WAN Feng Ying</td>
<td>RD</td>
<td>QEH</td>
</tr>
<tr>
<td>18 December 2018</td>
<td>Dr. WONG Siu Chun</td>
<td>RD</td>
<td>PMH</td>
</tr>
<tr>
<td>29 January 2019</td>
<td>Dr. CHAN Cherry Cheuk Yan</td>
<td>RD</td>
<td>KWH</td>
</tr>
<tr>
<td>29 January 2019</td>
<td>Dr. CHEUNG Claudia</td>
<td>RD</td>
<td>KWH</td>
</tr>
<tr>
<td>29 January 2019</td>
<td>Dr. LO Hong Yip</td>
<td>RD</td>
<td>KWH</td>
</tr>
</tbody>
</table>
List of Members admitted from 1 October 2018 till 31 March 2019

<table>
<thead>
<tr>
<th>Admission date</th>
<th>Name</th>
<th>Specialty</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 February 2019</td>
<td>Dr. CHEUNG Ivan Hoi Wei</td>
<td>RD</td>
<td>QMH</td>
</tr>
<tr>
<td>26 February 2019</td>
<td>Dr. NG Kwok Sing</td>
<td>NM</td>
<td>QEH</td>
</tr>
<tr>
<td>26 February 2019</td>
<td>Dr. WONG Wai Chung</td>
<td>NM</td>
<td>QEH</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Admission date</th>
<th>Name</th>
<th>Specialty</th>
<th>Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 November 2018</td>
<td>Dr. TAM Catherine Wing Yan</td>
<td>RD</td>
<td>NDH</td>
</tr>
<tr>
<td>27 November 2018</td>
<td>Dr. YU Suet Mui</td>
<td>RD</td>
<td>PWH</td>
</tr>
<tr>
<td>18 December 2018</td>
<td>Dr. CHAN Matthew Chun</td>
<td>RD</td>
<td>PWH</td>
</tr>
<tr>
<td>18 December 2018</td>
<td>Dr. LEUNG Joyce May-sum</td>
<td>CO</td>
<td>PWH</td>
</tr>
<tr>
<td>26 February 2019</td>
<td>Dr. WONG Wai Hin</td>
<td>CO</td>
<td>QEH</td>
</tr>
</tbody>
</table>

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.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Venue</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>17-22 March 2019</td>
<td>Society of Abdominal Radiology (SAR) 2019 Annual Scientific Meeting and Educational Course</td>
<td>Florida, USA</td>
<td><a href="https://www.abdominalradiology.org/page/AnnualMeeting">https://www.abdominalradiology.org/page/AnnualMeeting</a></td>
</tr>
<tr>
<td>3-6 July 2019</td>
<td>ESMO World Congress on Gastrointestinal Cancer 2019</td>
<td>Barcelona, Spain</td>
<td><a href="https://www.esmo.org/Conferences/ESMO-World-GI-2019">https://www.esmo.org/Conferences/ESMO-World-GI-2019</a></td>
</tr>
<tr>
<td>12-16 October 2019</td>
<td>EANM’ 19</td>
<td>Barcelona, Spain</td>
<td><a href="https://eann19.eanm.org/">https://eann19.eanm.org/</a></td>
</tr>
<tr>
<td>23-26 October 2019</td>
<td>The 51st Congress of the International Society of Paediatric Oncology (SIOP 2019)</td>
<td>Lyon, France</td>
<td><a href="https://siop-congress.org/">https://siop-congress.org/</a></td>
</tr>
<tr>
<td>16-17 November 2019</td>
<td>8th Joint Scientific Meeting of RCR &amp; HKCR and 27th Annual Scientific Meeting of HKCR</td>
<td>Hong Kong SAR</td>
<td><a href="https://www.hkcr.org/">https://www.hkcr.org/</a></td>
</tr>
</tbody>
</table>

**HKCR Council Meeting Dates in 2019**

<table>
<thead>
<tr>
<th>Date</th>
<th>HKCR Council Meeting Dates in 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>29 January 2019</td>
<td>28 May 2019</td>
</tr>
<tr>
<td>26 February 2019</td>
<td>25 June 2019</td>
</tr>
<tr>
<td>26 March 2019</td>
<td>30 July 2019</td>
</tr>
<tr>
<td>30 April 2019</td>
<td>27 August 2019</td>
</tr>
</tbody>
</table>
The Council (2018-2019)

PRESIDENT
Dr. C.K. Law
羅振基醫生

SENIOR VICE-PRESIDENT
Dr. Jennifer L.S. Khoo
邱麗珊醫生

VICE-PRESIDENT
Prof. Anne W.M. Lee
李詠梅教授

WARDEN
Dr. Y.C. Wong
王耀忠醫生

HONORARY AUDITOR
Mr. Charles Chan
陳維端先生

FOUNDING PRESIDENT & IMMEDIATE PAST PRESIDENT
Dr. Lilian L.Y. Leong
梁馮令儀醫生

EXECUTIVE OFFICERS
Ms. Karen Law
羅雅儀小姐

HONORARY TREASURER
Dr. T.M. Chan
陳子敏醫生

HONORARY SECRETARY
Dr. Elaine Y.L. Kan
簡以靈醫生

COUNCIL MEMBERS
Dr. Danny H.Y. Cho
曹慶恩醫生

Dr. K.Y. Kwok
郭啟欣醫生

Dr. C.Y. Lui
呂振英醫生

Dr. Hector T.G. Ma
馬天競醫生

Dr. Neeraj R. Mahboobani
馬承志醫生

Dr. W.T. Ng
吳偉棠醫生

Dr. W.T. Ngai
魏偉達醫生

Dr. W.L. Poon
潘偉麟醫生

Dr. K.H. Wong
黃錦洪醫生

HONORARY LEGAL ADVISOR
Mrs. Mabel M. Lui
呂馮美儀女士

HONORARY SECRETARY
Dr. Elaine Y.L. Kan
簡以靈醫生

HONORARY TREASURER
Dr. T.M. Chan
陳子敏醫生

HONORARY SECRETARY
Dr. Elaine Y.L. Kan
簡以靈醫生

HONG KONG COLLEGE OF RADIOLOGISTS
Address: Rm 909, 9/F, Hong Kong Academy of Medicine Jockey Club Building, 99 Wong Chuk Hang Road, Aberdeen, Hong Kong
Tel.: (852) 2871 8788 Fax.: (852) 2554 0739
E-mail: enquiries@hkcr.org Homepage: www.hkcr.org

Editorial Board
Dr. LUI Chun Ying
Dr. CHO Hing Yan, Danny
Dr. DAI Yuk Ling, Eunice
Dr. KHOO Lai San, Jennifer
Dr. LAM Ka On
Dr. LUK Yiu, Shiohbon
Dr. NGAI Wai Tat
Dr. SITT Ching Man
Dr. SOONG Sung, Inda
Dr. WONG Cheuk Kei, Kathy