

Newsletter Summer 2015

Hong Kong College of Radiologists

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HKCR 15A Travelling Fellowship 2014

2nd Joint Meeting of
ICIS and HKCR

History
of IR



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The long, hot summer of 2015 will soon pass and our College will actively be preparing for the AGM and the golden week of ASM in the latter part of the year.

Our College continues to spare no effort in the promotion of good radiological and medical practice. The College Council had thoroughly reviewed the consultation documents on Voluntary Health Insurance Scheme and Regulation of Private Healthcare Facilities, and had expressed our views on the papers in March 2015. We also actively participated in the consultation process of legislation to regulate high risks procedures in ambulatory settings. This would ensure that the final legislation could serve its purpose of protecting the Public as well as making it feasible and practical for our Fellows to provide parenteral chemotherapy treatment and interventional radiology in community settings. To encourage the best clinical practice, our College had regularly updated and reviewed position papers like the Mammography Statement, which is released on our official website. The Clinical Referral Guidelines is in the final stage of major revision, which will be distributed to each member after completion, with the electronic copy to be posted in College's website as well. The Council agreed with and endorsed the EC recommendation for the Declaration Form for Absence from Training and Notification Form for Continuous Absence from Training. Our College has also updated the Training Regulation – General, with clearer instruction regarding absence from training.

As one of the 15 constituent Academy Colleges, our College is active in supporting various activities organized by the Hong Kong Academy of Medicine, thanks to the hard work and effort of our various working groups. The College had assisted the Academy in vetting the applications for Certification for Specialist Registration, and the Medical Council of Hong Kong in evaluating the qualifications for inclusion in the list of Quotable Qualifications. On publicity issues, I participated in the Academy Spring Lunch with Media on 9th March 2015, and had delivered a lecture on “化療藥物的風險處理及安全程序”.



I was also nominated by the College to be the representative of the Academy to serve as a Member on the Project Steering Committee on Standards for Ambulatory Facilities under the Department of Health. In addition, Dr. Wai-Lun Poon and I were nominated as the Convenor and Co-convenor respectively, for the Task Forces on Radiological Intervention and Chemotherapy, to the above-mentioned steering Committee, which were established under the Academy to discuss and advise the Department of Health on the standard for ambulatory facilities.



A memento from our College was presented to Dr. Giles Maskell in London

On external affairs, our College maintains close ties with fellow Societies and Colleges outside Hong Kong by joining the Committees and by sending representatives to participate in international and regional congresses. Dr. Leong represented the College in the Annual Meeting of the International Commission on Radiological Quality and Safety (ICRQS) held at the European Congress of Radiology (ECR) in Vienna, Austria, on 4th - 8th March 2015. The College had nominated Dr. Sonia Lam to participate in the Annual Meeting of the Radiological Society of the Republic of China (RSROC) (now called Chinese Taipei Society of Radiology) on 20th - 22nd March, 2015. On 30th April 2015, I was invited by the President of the RCR, Dr. Giles Maskell, to attend the Annual Dinner for celebrating the 40th Anniversary of the RCR at The Honourable Society of Inner Temple in London. Most recently, Dr. Jennifer

Khoo as our College's representative participated in the 49th Singapore-Malaysia Congress of Medicine 2015 in Singapore on 31st July - 2nd August 2015.

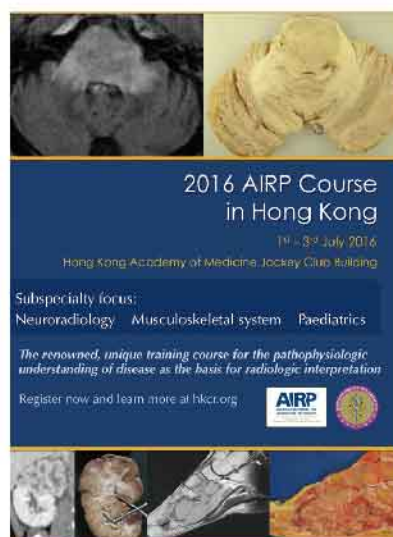
The HKCR 15A Travelling Fellowship is another mechanism to foster closer ties with UK colleagues. Dr. Christopher Wong and Dr. Victor Lee had fruitful attachments in UK and visited the premises of RCR in Lincoln's Inn Fields as the College Ambassadors in April 2015, and July 2015 respectively. This has become a regular annual activity of great significance.

Locally, our College remains active in supporting, participating and organizing educational programmes and scientific seminars. The 2nd Joint Meeting of the International Cancer Imaging Society and Hong Kong College of Radiologists, jointly organized with the International Cancer Imaging Society (ICIS), was successfully held at the HKAM Jockey Club Building on 31st January and 1st February 2015, attracting over 190 radiologists and allied health professionals from 12 countries/regions. It was very encouraging to receive many positive feedback from the participants at this second joint meeting.

The One Day Conference: The Current State-of-Art in Cardiac MRI, jointly organized with Hong Kong College of Cardiology (HKCC) and Society for Cardiovascular Magnetic Resonance (SCMR), was successfully held at The Langham, Hong Kong, on 12th July 2015. The College had also co-hosted and supported several symposia on Radiology and Clinical Oncology with other societies and associations, including the Hong Kong MRI Teaching Course and Workshop (includes mentored cases for SCMR Level 1) on 28th - 29th March 2015; Hong Kong Musculoskeletal Ultrasound Course on 8th - 9th May 2015; Joint Scientific Seminar on "The False Negative Breast Imaging Study"; and Basic Angiography Course on 13th June 2015, and the PET-MRI / MMG symposium with HKU on 10th August 2015. These functions would not have been so successful without our members and colleagues' full support and whole-hearted participation. We always have good attendances and Dr. WL Poon and his Scientific Subcommittee members are to be congratulated on the success of their hard work. We are most grateful to our sponsors for supporting many of our


educational and scientific activities. In the coming months, we have several scientific programmes being held, including:

1. The 6th Joint Scientific Meeting of RCR & HKCR and the 23rd ASM of HKCR, 14th – 15th November 2015 cum 16th Ho Hung Chiu Lecture by Prof. John Leong entitled "The Hospital Authority: After 25 Years" on 14th November 2015;
2. The 11th Pan-Pearl-River Area Conference of Radiation Oncology and the Prof. Ho Hung Chiu Memorial Symposium on Nasopharyngeal Cancer, 15th – 16th April 2016; and
3. The 2016 American Institute for Radiologic Pathology (AIRP) Course in Hong Kong, 1st - 3rd July 2016.



Please mark your diary to join these highly commendable functions.

While the AGM is approaching, the Council wishes to thank and bid farewell to Dr. CM Tong, Honorary Treasurer of our College for over 2 decades, who decided to retire from the post at the end of the present term. Dr. Tong is a very senior Council Member and has made significant contributions to the College and to the Nuclear Medicine specialty.

Lastly and at all times, I wish to thank all members of the Council, Committees and Subcommittees for their hard work and selfless devotion, and the unfailing and most efficient support of our Secretariat. 

In this issue, we have our 5th part of the series 'Looking Back: Highlights from the History of Radiology'. We're delighted to have Dr. Shiobhon Luk and Dr. Kathy Wong to bring us back in the history of interventional radiology. Special thanks goes to Dr. WK Tso for sharing with us many interesting local stories of evolution of interventional radiology in Hong Kong.

We also reported various educational activities organised by the College in the past few months. All the seminars and conferences are well supported by our Fellows and Members. The Joint Scientific Meeting of the Royal College of Radiologists & Hong Kong College of Radiologists and our Annual Scientific Meeting of HKCR is coming. Please remember to register early and see you all there!

I'd like to thank the members of the editorial board of the Newsletter and the authors of the articles in this Newsletter for their contributions. Moreover, I'd like to thank our College secretariat, especially Karen Law and Phyllis Wong, for their wonderful work.

Wish you all every success! 📧

Congratulations to

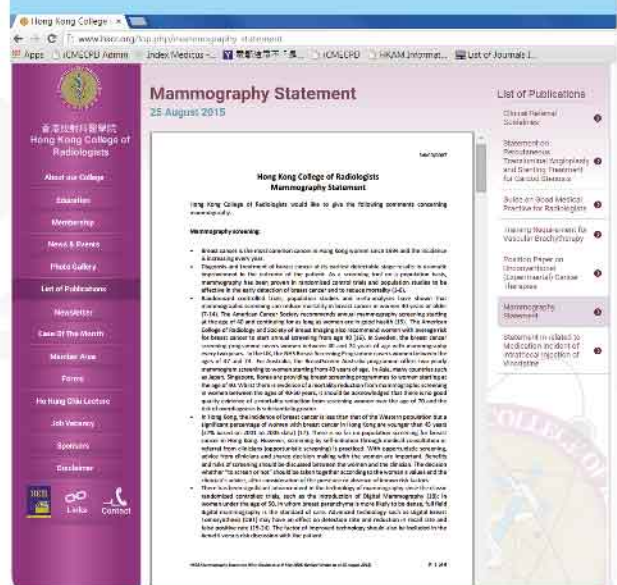
**Dr. Chan Chi Sang James and
Dr. Tung Yuk Stewart**

Our College Fellows, Dr. Chan Chi Sang James from Department of Radiology & Organ Imaging of United Christian Hospital and Dr. Tung Yuk Stewart from Department of Clinical Oncology of Tuen Mun Hospital, were recognised with honours at the 18th Anniversary of the HKSAR Establishment Day on 1st July 2015.

Dr. Chan was awarded the Chief Executive's Commendation for Community Service and Dr. Tung was awarded the Justice of Peace (JP). Our College would like to congratulate Dr. Chan and Dr. Tung for their outstanding contributions and for the prestigious awards. 📧

Mammography Statement

The updated Mammography Statement is available on HKCR website. Please visit the College's website (http://www.hkcr.org/lop.php/mammography_statement) for information. 📧



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 1 January 2016 and 30 June 2016

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: 15 October 2015 

Palliative Medicine Board Examination – Examination Announcement 2016

Palliative Medicine Board Examination

Date of Oral Examination : 17 March 2016

Application Closing Date : 17 January 2016 – 6:00p.m.

Examination Fee : HK\$12,000

Examination Venue : Hong Kong

Apply to : Hong Kong College of Radiologists

NOTES:

1. Please read the Guidance Notes for Examination Candidates carefully before submitting an application. This document contains important information to assist with submission of an acceptable application.
2. Applicants should have completed the Palliative Medicine Subspecialty Training Programme of Hong Kong College of Radiologists and submit the following documents to the Secretariat Office of Hong Kong College of Radiologists for application:
 - i. Completed application form
 - ii. Letter(s) from supervisor(s) commenting on candidate's performance during his/her clinical training in palliative medicine and certifying the periods of palliative medicine subspecialty training and higher specialist training in clinical oncology after passing Part II Fellowship Examination in Clinical Oncology of Hong Kong College of Radiologists
 - iii. The Case Portfolio Learning, unless exempted
 - iv. The Audit report, unless exempted
 - v. Three hard copies of your dissertation of not less than 5,000 words and not more than 20,000 words, together with an electronic copy on a CD-ROM
3. Cheque for the Palliative Medicine Board Examination of Hong Kong College of Radiologists should be made payable to "Hong Kong College of Radiologists".
4. Please address any queries, correspondence and application forms concerning the Examination to Hong Kong College of Radiologists.

Hong Kong College of Radiologists

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HKCR 15A Travelling Fellowship 2014: Paediatric Imaging at Great Ormond Street Hospital, London

Dr. Chris Wong, Kwong Wah Hospital

My two-month attachment at the Department of Radiology of Great Ormond Street Hospital for Children (GOSH), London, began on 2nd March 2015. It was a cold morning yet I was so excited to return to GOSH after my last clinical attachment in summer 2014.

The Department of Radiology of Great Ormond Street Hospital has three teams of radiologists: body radiologists, neuroradiologists and interventional radiologists. There are seventeen consultant radiologists, three fellows and seven radiology trainees in the Department. The Department performs over 50,000 examinations per year including more than 3,000 interventional procedures.

GOSH experience

A typical day in GOSH included reading films with fellows and consultants, attending multidisciplinary meetings and teaching activities. My special interest is chest imaging and I learned a lot from Dr. Catherine Owens and Dr. Alistair Calder who were in-charge of chest imaging in GOSH. Not only were they world-renowned experts in the subspecialty, their attitude towards children imaging also impressed me much. One unique point of working in GOSH was that a significant proportion of reporting was on external imaging studies that were performed in other UK centers and overseas hospitals, I could appreciate that their expert opinion made immense impact on patient management.



Dr. Catherine Owens,
my supervising consultant radiologist

There were over 30 multidisciplinary meetings a week, covering regions from head to toe. Patients' conditions were discussed thoroughly from diagnosis to management during the meetings.

Lunchtime teaching activities became my lunch dessert that could not be missed. I also enjoyed the monthly discrepancy meetings for audit and teaching as the discussions were of high quality and in-depth.

In addition, I was fortunate to witness and appreciate the state-of-the-art imaging technique as a new CT

scanner was installed in the Department in February 2015. The machine provides excellent image quality in children even they are crying. It is particularly useful in cardiorespiratory conditions.

Visit to the Royal College of Radiologists

As an ambassador of the Hong Kong College of Radiologists (HKCR), it was my honour to meet Dr. Caroline Rubin, Warden of the Royal College of Radiologists (RCR), at RCR at 63 Lincoln's Inn Fields on 16th April 2015. Dr. Rubin and I shared our



Meeting Dr. Caroline Rubin
at the RCR

views on various issues in radiology. We discussed the current training programs and curriculum in UK and Hong Kong. We both agreed that it required a great deal of effort to maintain high quality training in this era of technological advancement. Dr. Rubin also enlightened me on the importance of "professional artistry" in our practice. Radiologists are not workers in diagnosis factories. We require something more than technical skills. We need vision and judgment to see things in different angles.

These two months of training in London is one of the most important periods of my career. It was a rewarding learning in paediatric imaging, and an eye-opening experience on how an international centre of excellence in child healthcare should look like. I would like to take this opportunity to express my gratitude once again to HKCR for granting me the HKCR 15A Travelling Fellowship. 🦋



The Royal College of Radiologists

The 2nd Joint Meeting of International Cancer Imaging Society & Hong Kong College of Radiologists, 31st January- 1st February 2015

Dr. Sharon L.W. Lo, Princess Margaret Hospital

The International Cancer Imaging Society (ICIS) exists to meet the important challenges of advancing imaging in the multidisciplinary management of cancer. The Society promotes education in oncological imaging, bringing together radiologists with an interest in oncological imaging for the exchange of ideas, and to organize scientific meetings worldwide.

Following the great success of the first joint meeting in 2007, the 2nd Joint meeting of ICIS and Hong Kong College of Radiologists (HKCR) was held on 31st January and 1st February 2015 at the HKAM Jockey Club Building, Hong Kong. There were 190 participants composed of local and international radiologists, oncologists, surgeons, gynaecologists and technologists.

The theme of this two-day event was "Cancer Management: From Diagnosis to Treatment". Through multidisciplinary sessions, interactive workshops, lectures and plenary sessions, the meeting offered a comprehensive coverage of cancer imaging of various cancers. There were a total of 8 overseas speakers and 6 local speakers.



The two multidisciplinary sessions focused on prostate and cervical cancers were presented by the world-class ICIS and local faculties from various specialties including radiologists, oncologists, surgeons and gynaecologists. They covered a balanced overview and recent advances of diagnosis, staging, treatment planning and treatment response assessment of prostate



and cervical cancers. It was a valuable opportunity to have the multidisciplinary presenting faculty, allowing us to understand cancer imaging from different perspectives.

Two keynote lectures "Emerging Molecular Imaging for Oncology" presented by Professor Wim J. G. Oyen, from Radboud University Medical Centre, Netherlands, and "Role of Hepatobiliary MR Contrast Agents for Imaging and Management of Hepatocellular Carcinoma" presented by Dr. Jeong Min Lee, from Seoul National University Hospital, Korea, shared the latest advancement in cancer imaging. The two plenary sessions and ten interactive workshops further allowed an in-depth discussion of various aspects of cancer imaging.

In addition, there was an electronic photo exhibition sharing young local radiologists' works on photography at the common area of the meeting venue, making the meeting more lively and unique.

The meeting has definitely enhanced our understanding of the recent advances in cancer imaging and its implication on management of various cancers. We would like to take this opportunity to express our heartfelt gratitude and congratulations to the ICIS and HKCR, for co-organizing this meaningful event. We are looking forward to the next joint meeting of ICIS and HKCR in Hong Kong. 🍀

Hong Kong Cardiac MRI Teaching Course and Workshop, 28th -29th March 2015

Dr. Stephen CW Cheung, Radiology, Queen Mary Hospital

Dr. Andrew YW Li, Cardiology, Ruttonjee Hospital



Co-organized by the Hong Kong College of Cardiology (HKCC) and the Hong Kong College of Radiologists (HKCR), endorsed by the Society of Cardiovascular Magnetic Resonance; and supported by St. Teresa's Hospital, the Hong Kong Cardiac MRI Teaching Course and Workshop was successfully held at St. Teresa's Hospital on 28th-29th March 2015.


This 2-day teaching course was designed to enhance clinical practice skills by providing intense training in cardiac MRI examinations. In order to maximize the learning opportunities, mentored review sessions allowed each attendee to personally manipulate and interpret the teaching cases on individual notebook workstation.

The local organizing committee appreciated the commitment of local tutors and international faculty Prof. Joseph Selvanayagam. Prof. Selva served on the board of Society of Cardiovascular Magnetic Resonance (SCMR) during 2011-2014 and was the inaugural president of the Australian and New Zealand Working Group of Cardiovascular Magnetic Resonance. He is the Professor of Cardiovascular Medicine, Flinders University and Director of Cardiac Imaging at the Flinders Medical Centre, Adelaide, Australia. The idea of collaboration could be dated back to 2013 when he was invited to speak at a local meeting, EchoHK. He was also assisted by Dr. Suchi Grover who delivered a number of lectures and presented cases to the participants for discussion.

The teaching course was well attended with a total of 159 participants. Due to the restriction in number of active participants and number of available viewing and measurement software license, only 59 registrants could

be accepted to the workshop. Some colleagues could only join the lectures. The feedback was very positive and in future teaching courses, we will try to increase the capacity to avoid disappointment.

The sponsored lunch symposium consisted of real time broadcast of CMR cases from the Radiology Department in St. Teresa's Hospital. Participants had interactive discussion about scanning techniques and CMR findings in both ischemic and non-ischemic heart diseases. We have to thank Drs. Hector Ma, Wong Chi Ming, Cheng Pui Wai and Jack Shu as well as the radiographers at STH for their support and dedication to make the event a success. They have upgraded the IT infrastructure in the hospital and tested the whole setup for many times to yield the perfect result that we all witnessed.

Last but not least; we have to thank the group of tutors who have helped to guide the participants during the hands-on sessions about the use of the software for image viewing and various measurements. They are radiologists who have keen interest in cardiac imaging and will be the key members in future cardiac imaging teaching courses. 

Local Organizing Committee

Dr. Lilian Leong
Dr. Kam Tim Chan
Dr. Chun Key Law
Dr. Yuk Kong Lau
Dr. Andrew YW Li
Dr. Stephen CW Cheung
Dr. Carmen WS Chan
Dr. Chi Ming Kwong
Dr. Chris KY Wong
Dr. Jeffrey KT Wong

Tutors

Dr. Mabel Mei Po Tong
Dr. Sherwin Shing Wai Lo
Dr. Winnie Sze Wun Chan
Dr. Janice Jing Kun Ip
Dr. Ronnie Hiu Lam Chan
Dr. Jack Shang Jen Shu
Dr. Agnes Wai Yin Wong
Dr. Michael Sun

Hong Kong Musculoskeletal Ultrasound Course 2015, 8th - 9th May 2015

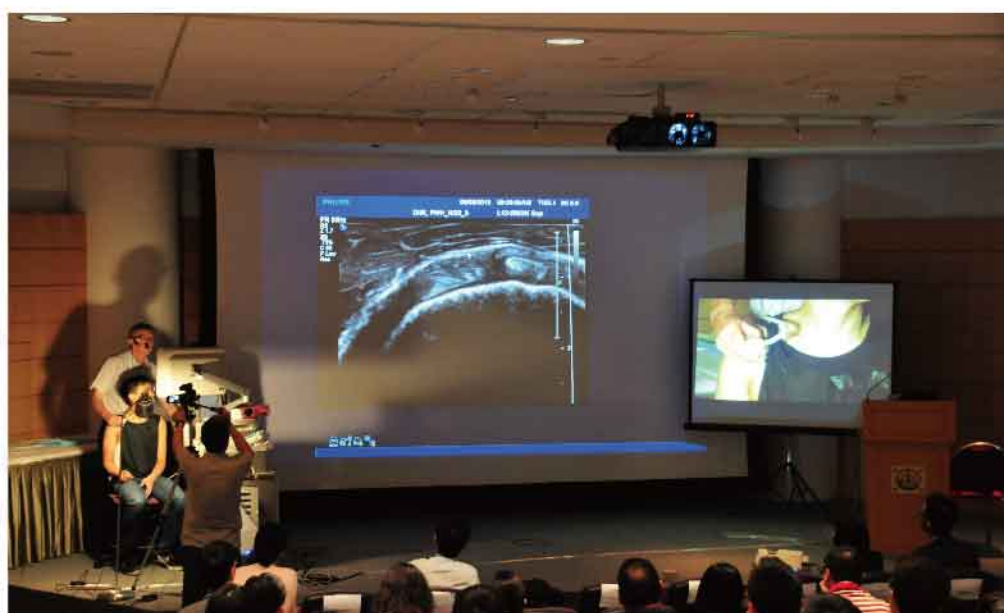
Dr. Ryan Nung & Dr. Jacqueline Sitt, Prince of Wales Hospital



*Course instructors (from the left):
Dr. Alex Ng,
Dr. Ryan Lee,
Dr. MK Yuen,
Professor Monique Reijnierse,
Dr. Eugene McNally,
Professor James Griffith,
Dr. Esther Hung,
Dr. Cina Tong,
Dr. Eric Liu and
Dr. Vivien Leung.*

With the great effort from organiser The Chinese University of Hong Kong and co-organiser Hong Kong College of Radiologists, the Hong Kong Musculoskeletal Ultrasound Course was successfully held in the Hong Kong Academy of Medicine Jockey Club Building on 8th-9th May 2015. This is one of the first comprehensive practical musculoskeletal ultrasound courses held in Asia and it featured a two-day course comprising of lectures followed by live demonstration, rapid fire talks and hands-on workshops. The local faculty consisted of experienced

musculoskeletal radiologists and radiographers from Prince of Wales Hospital led by Professor James Griffith and Dr. MK Yuen from Tuen Mun Hospital, and joined by overseas speakers, Dr. Eugene McNally from the UK and Professor Monique Reijnierse from the Netherlands. The course had gained popularity among local and overseas radiologists and physicians from other fields who also actively practise musculoskeletal ultrasound.



Live demonstration by Dr. McNally with two screens showing both the real-time ultrasound image and probe position on the subject.

This two-day course covered all regions of the appendicular skeleton, including shoulder, elbow, wrist and fingers of the upper limb, and hip, knee, ankle and foot of the lower limb. The first part of the lecture emphasised on normal anatomy and scanning technique, which was immediately followed by live demonstration. The live demonstration was cleverly set up with one screen showing real time ultrasound image and another screen showing probe position, tilting and subject posture. Rapid fire talks covered common pathology and useful tips on detecting lesions and formulating

Attentive audience in the lecture.



differential diagnoses. The hands-on workshops in the afternoon were certainly the highlight of the course. With the participants splitting into small groups rotating through various stations, every participant had a chance to practise the technique learnt in the morning while the memory was still fresh. A special training session on musculoskeletal intervention was set up where participants could practise injection, biopsy and even detecting foreign bodies on pork legs. Many participants also seized the opportunity to enquire problems they faced during their daily practice.



Professor Reijnierse instructing participants on intervention technique on a pork leg.



Professor Griffith demonstrating ultrasound of the wrist.

Being both participants and helpers of the course, we were very impressed by the effort the instructors had made and the scope of knowledge and technique covered in this two-day course. The overall feedback was exceedingly positive, and we could tell from the participants' contented smiles at the end of the course! We would like to thank again the organisers and HKCR for this enlightening learning opportunity and experience. 🍇

Joint Scientific Seminar by HKCR and HKSDR on The False Negative Breast Imaging Study, 12th May 2015

Dr. Karry MC Lam, United Christian Hospital
Dr. Victoria YK To, Tuen Mun Hospital



The Hong Kong College of Radiologists (HKCR) and Hong Kong Society of Diagnostic Radiologists (HKSDR) co-organized the Joint Scientific Seminar titled “The False Negative Breast Imaging Study” on May 12th 2015 at Yu Chun Keung Memorial Medical Centre, Kwong Wah Hospital. The seminar was delivered by the distinguished Professor Debra M. Ikeda, Professor of Radiology and Director of Breast Imaging at the Stanford University.



Professor Ikeda is a renowned scholar who has authored over 100 peer-reviewed articles and textbooks. She is also a great teacher in breast radiology, being invited to many national and international conferences and courses, including the RSNA Categorical and Refresher Courses, Society of Breast Imaging Conference and ACR Postgraduate Courses.

The seminar started off with Professor Ikeda sharing her vast experience with false negative cases in breast mammography, tomosynthesis and MRI. She further elaborated on the values and possible pitfalls in the new technology of tomosynthesis. With her lively character and wisdom she offered many useful tips on how to avoid making false negative diagnoses and what to be mindful of. She also pointed out the differences and difficulties encountered in Asian breasts as compared with other parts of the world. Finally, she shared with us her recent research and thoughts on future breast imaging. The seminar ended with a dynamic discussion in the hall packed with radiologists, breast surgeons, oncologists and pathologists. It was enlightening and well received by the audience.

During her stay in Hong Kong, Professor Ikeda also delivered stimulating lectures in the Kwong Wah Hospital and Tung Wah Group of Hospital’s Visiting Professorship Imaging Symposium. In addition, current radiology trainees had the privilege to have a lively discussion on interesting breast cases with her.



This was truly a fruitful and inspiring seminar, which aroused our interest in the new advances in breast imaging. We would like to take this opportunity to express our heartfelt gratitude towards Professor Ikeda and Hong Kong College of Radiologists for making this seminar a great success. Thank you! 🍷

Basic Angiography Course 2015, 13th June 2015


Dr. Kenneth Wing Ho Chong, Tuen Mun Hospital
Dr. Alvin Yu Hon Wan, Pamela Youde Nethersole Eastern Hospital

The “Basic Angiography Course 2015”, co-organized by Hong Kong College of Radiologists and the Hong Kong Society of Interventional Radiology, was successfully held on 13th June 2015. More than forty enthusiastic radiology trainees participated in the course.

The course consisted of two parts – lectures in the morning and small-group hands-on workshops in the afternoon. The lectures provided the trainees with comprehensive background knowledge and case illustrations on various vascular interventional procedures. The morning began with Dr. Chong-Boon Tan’s (Tuen Mun Hospital) talk on “Basic Angiography: Tools and Tricks”. This was followed by several dedicated lectures on vascular procedures in different body regions: Dr. Warren Leung (Pamela Youde Nethersole Eastern Hospital) talked about “Head and Neck region: Cerebral Angiography”; Dr. Kendrick Tang (Pamela Youde Nethersole Eastern Hospital) talked about “Thoracic region: Central Lines, Superior Vena Cava Stenting and Bronchial Artery Embolization”; Dr. Hin-Yue Lau (Queen Elizabeth Hospital) talked about “Abdominal region: Transarterial Chemoembolization of Hepatocellular Carcinoma and Gastrointestinal Bleeding Embolization”; and Dr. Ferdinand Chu (Queen Mary Hospital) talked about “Pelvic region: Renal Embolization, Uterine Artery Embolization and Pelvic Fracture Embolization”.

The small-group hands-on workshops, led by several Fellows from different hospitals (Dr. Alvin Wan, Dr. Francis Cho, Dr. Kendrick Tang, Dr. Chi-Yeung Chu, Dr. Warren Leung of Pamela Youde Nethersole Eastern Hospital; Dr. Tommy Chan of Princess Margaret Hospital; and Dr. Peter Yu of United Christian Hospital), emphasized the practical tips in performing vascular interventions. The workshops were divided into various stations, focusing on “guidewires, catheters, sheaths and vascular access”; “balloons and arterial closure devices”; “stents”; and “inferior vena cava filters and embolization agents”. The participants were given ample hands-on opportunities to have detailed understanding of these equipment and try different simulated procedures under the guidance of tutors.

The feedback of the course was very positive. Basic trainees found the course very rewarding in giving them a good overview of vascular angiography and interventions. Higher trainees expressed their satisfaction in the practical hands-on experience with different instruments in the workshops, which consolidated their knowledge and enhanced their understanding of various procedures that would be encountered in daily practice.

Overall, everyone enjoyed this fruitful experience. We believe this course on basic angiography served its purpose in laying a solid foundation for trainees in the field of vascular interventional radiology and we look forward to similar training courses in the future. 



49th Singapore-Malaysia Congress of Medicine, 31st July - 2nd August 2015

Dr. Jennifer Khoo, Pamela Youde Nethersole Eastern Hospital

The Singapore-Malaysia Congress of Medicine (SMCM) is an annual meeting alternating between Singapore and Malaysia since 1966. The SMCM has established itself as an important regional forum for fostering strong ties and enhance the sharing of knowledge and exchange of ideas.

This year, the 49th SMCM was held at The Academia in Singapore from 31st July to 2nd August 2015. The Hong Kong Academy of Medicine and our specialty Colleges fully support the Congress. Representing Hong Kong College of Radiologists, I attended the Congress together with our Academy President, Dr. Donald KT Li and other officials of the Academy and our sister Colleges.



With the theme “Greater Integration for Better Patient Care”, this year’s congress examined the ever-changing dynamic of the healthcare environment we are engaged in today. Medicine is now faced with the challenge of subspecialization such that clinicians lose focus of the holistic approach in treating patients. The Congress therefore emphasizes on integration of expertise and resources, so that whilst we strive to improve our professional expertise, we will also know when and how to address wider issues.

The Induction Comitia and 22nd Gordon Arthur Ransome Oration marked the commencement of the Congress on Friday 31st July 2015. This year’s Oration, entitled “Is Medicine still an Art?” was delivered by Professor James Best, Dean of the Lee Kong Chian School of Medicine, Nanyang Technological University of Singapore.

A Joint Council Meeting of the Academy of Medicine of Malaysia, Academy of Medicine, Singapore and Hong Kong Academy of Medicine (AMM-AMS-HKAM) was held in the morning of 1st August 2015. Discussions included Continuing Professional Development and challenges in sustaining future Congresses.



There was dynamic exchange of knowledge, experience and practical tips throughout the Congress. Dr. Donald Li delivered a lecture entitled "The Medico Legal Challenge in Hong Kong" in the Medico-Legal Symposium. Other symposia were conducted which included topics such as neurological emergency and pain management.

The Congress Dinner was held at the Riverfront Ballroom of the Grand Copthorne Waterfront Hotel. The Hong Kong delegation was arranged to sit with our respective specialties and it was a good opportunity to establish friendship with our professional colleagues in the Asia Pacific region.

It was a fruitful meeting and a rewarding experience, and I would like to thank the organizers for their excellent arrangement and hospitality. 🍷



Back row:

2nd from left - A/Prof Tay Kiang Hiong, Vice President, College of Radiologists, Singapore and Head & Senior Consultant, Department of Diagnostic Radiology, Singapore General Hospital

3rd from left - Dr. Lester Leong, Chair, Chapter of Diagnostic Radiologists, College of Radiologists, Singapore and Consultant, Department of Diagnostic Radiology, Singapore General Hospital

4th from left - Dr. Chua Eu Tiong, President of College of Radiologists, Singapore and Head & Senior Consultant, Department of Radiation Oncology, National Cancer Centre Singapore

Front row:

1st from left - Dr. Jennifer Khoo, Senior Vice President, Hong Kong College of Radiologists

3rd from left - Adj A/Prof Ong Chiou Li, Division Chairman, Clinical Support Services & Senior Consultant, Department of Diagnostic and Interventional Imaging, KK Women's and Children's Hospital

Joint Scientific Seminar by HKCR and HKU – Prof. Joseph Lee and Dr. Evelyn Ho, 10th August 2015

Dr. Alice Ka Yan Au, Pamela Youde Nethersole Eastern Hospital
Dr. Alvin Yu Hon Wan, Pamela Youde Nethersole Eastern Hospital

This Joint Scientific Seminar was co-organized by the Hong Kong College of Radiologists and the University of Hong Kong. It was held on 10th August 2015 in the Hong Kong Academy of Medicine Jockey Club Building.

It was a great privilege to have Professor Joseph K.T. Lee and Dr. Evelyn L.M. Ho, who are renowned experts in the fields of body imaging and breast imaging respectively, to share their knowledge and experience with us.



“Advantages of Simultaneous PET-MR in Abdominal Imaging” by Prof. Joseph K.T. Lee

Professor Joseph K.T. Lee is the immediate past chair and now serves as JH Scatliff Distinguished Professor of Radiology at the University of North Carolina School of Medicine in Chapel Hill, North Carolina. He is also currently a Visiting Professor in the Department of Diagnostic Imaging at the National University of Singapore.

The title of his lecture was “Advantages of Simultaneous PET-MR in Abdominal Imaging”. Professor Lee started with an informative overview of the physics principles and development of simultaneous

PET-MR in abdominal imaging. Then he gave a comprehensive review on the current evidence and shared his experience on simultaneous PET-MR in staging of malignant diseases. These concepts were illustrated with educational cases and representative PET-MR images. Interpretation on different types of malignant diseases in body imaging was emphasized. The seminar was well received by the enthusiastic audience with excellent feedback.

“Mammography – Controversies and Future Directions” by Dr. Evelyn L.M. Ho

Dr. Evelyn L.M. Ho is now working as Consultant Clinical Radiologist in the Imaging Department of ParkCity Medical Centre in Kuala Lumpur, Malaysia. She also serves as the Honorary Treasurer of the Asian Oceanian Society of Radiology and Bursar of the Academy of





From left to right: Dr. Lilian Leong, Prof. Joseph Lee,
Dr. Evelyn Ho, Dr. Jennifer Khoo and Prof. PL Khong

Medicine of Malaysia, and was the Past-President of the College of Radiology, Malaysia.

The title of her lecture was “Mammography – Controversies and Future Directions”. There have been heated debates on the utilization of screening mammography internationally. Its benefits and risks, the logistics of an optimal screening programme, and the technical quality control remain major healthcare concerns across the globe.

Dr. Ho succinctly summarized and illustrated the contradicting evidence of the

value of screening mammography in different parts of the world. She highlighted the latest literature evidence and the controversies of screening mammography. Dr. Ho also shared with the audience the updates on digital tomosynthesis and its clinical application. The lecture was comprehensive, informative and educational.

In conclusion, this Joint Scientific Seminar was a great success in fostering fruitful discussions on the latest advances of simultaneous PET-MR imaging and controversies of mammography. We would like to express our sincere gratitude to the organizing committee and we look forward to similar inspirational academic events in the future. 🍃



The 71st Korean Congress of Radiology (KCR 2015) and the Asian Radiology Forum 2015, 9th - 12th September 2015

Dr. Lilian Leong, Founding President & Immediate Past President, HKCR
Dr. Jennifer Khoo, Senior Vice President, HKCR



The 71st Korean Congress of Radiology (KCR 2015) was held in Coex, Seoul, Korea from 9th to 12th September 2015.

The programme consisted of high quality scientific sessions that provided a great opportunity for participants to keep abreast of the latest research and technological advancements. Some of the sessions were presented in Korean, and it was an interesting experience to follow the radiological images and powerpoint presentations (which were in English) while the presenter spoke in Korean.

Scientific Exhibits




The Asian Radiology Forum 2015 was held during the Congress on 11th September, with officials from Radiological organizations in Asia and Oceania.



Representatives were invited to introduce their organizations, including a brief overview of their current status of membership, and various aspects with regards to intersociety collaboration including current stands and policies, challenges and difficulties, and future plans. Dr. Lilian Leong and I represented Hong Kong College of Radiologists to attend the Forum, and Dr. Leong gave a very informative presentation on our College. At the conclusion of the forum, all representatives agreed that collaboration is very important for the future development of Radiology in our region, and that the forum will be a continuous process to maintain the communication between the various Colleges and Societies.



KCR 2015 was an exciting and well organized meeting, being successful in providing a platform for the exchange of valuable knowledge and experience, as well as promoting friendship among radiological professionals from all over the world. 

Asian Radiology Forum

From left to right:
Dr. Jennifer Khoo (HKCR),
Prof. Kun-Cheng Li (Vice-President, Chinese Society of Radiology),
Prof. Wan-Yuo GUO (President, The Chinese Taipei Society of Radiology),
Dr. Lilian Leong (HKCR)

Forthcoming College's Scientific Activities:

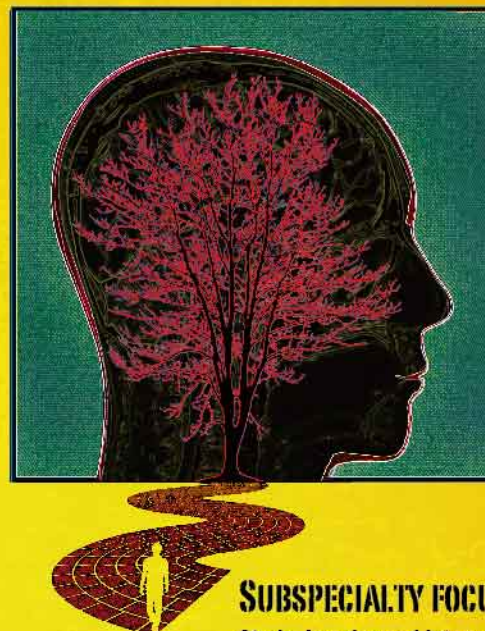
6th Joint Scientific Meeting of the Royal College of Radiologists & Hong Kong College of Radiologists and 23rd Annual Scientific Meeting of HKCR, 14th - 15th November 2015

6th Joint Scientific Meeting of the Royal College of Radiologists & Hong Kong College of Radiologists and 23rd Annual Scientific Meeting of Hong Kong College of Radiologists will be held on 14-15 November 2015 (Saturday & Sunday) at the Hong Kong Academy of Medicine Jockey Club Building.

The scientific programme with subspecialty focus on Stroke Imaging & Intervention, Prostate Cancer and Neuroendocrine Tumour. We are very honoured to have eminent speakers to join our Annual Scientific Meeting this time in Hong Kong. The overseas and local faculties are experts in the disciplines of radiology, clinical oncology and nuclear medicine. As technology and information are moving forward at a very fast pace, it is important for healthcare workers to constantly update ourselves on the information and to arm ourselves with the most appropriate techniques in our delivery of service.

We are confident that all participants will benefit from this opportunity to update their knowledge and in keeping up with recent advancement in the various subspecialties of Radiology, Clinical Oncology and Nuclear Medicine.

ROAD TO KNOWLEDGE



SUBSPECIALTY FOCUS

**Stroke Imaging and Intervention
Prostate Cancer
Neuroendocrine Tumour**

CME/CPD ACCREDITATION

Academic Accreditations	CME/CPD Points		
	14 th November 2015	15 th November 2015	Whole Function
The Royal College of Radiologists	6 (Category I)	5 (Category I)	11 (Category I)
Hong Kong College of Radiologists	7 (Cat. A)	5.5 (Cat. A)	12.5 (Cat. A)
The Hong Kong College of Anaesthesiologists	6.5 (non-Ana Passive)	5.5 (non-Ana Passive)	12 (non-Ana Passive)
Hong Kong College of Community Medicine	6	6	10
College of Dental Surgeons of Hong Kong	6.5 (Cat. B)	5.5 (Cat. B)	12 (Cat. B)
Hong Kong College of Emergency Medicine	6 (PP)	5.5 (PP)	11.5 (PP)
The Hong Kong College of Family Physicians	5 (Cat. 5.2)	5 (Cat. 5.2)	10 (Cat. 5.2)
Hong Kong College of Obstetricians & Gynaecologists	5 (non O&G)	5 (non O&G)	5 (non O&G)
College of Orthopaedic Surgeons	-	-	8 (Cat. C)
The Hong Kong College of Otorhinolaryngologists	4.5 (Cat. 2.2)	4 (Cat. 2.2)	8.5 (Cat. 2.2)
Hong Kong College of Paediatricians	6 (Cat. A)	6 (Cat. A)	12 (Cat. A)
The Hong Kong College of Pathologists	3 (PP)	2.5 (PP)	5.5 (PP)
Hong Kong College of Physicians	3	2.5	5.5
The Hong Kong College of Psychiatrists	6 (PP/OP)	5.5 (PP/OP)	11.5 (PP/OP)
The College of Surgeons of Hong Kong	6 (passive)	5 (passive)	11 (passive)
MCHK CME Programme	5 (passive)	5 (passive)	10 (passive)
Radiographer Board of Hong Kong	A maximum of 10 CPD credits [5 CPD credits for 14 th November 2015, 5 CPD credits for 15 th November 2015]		

Please remember to register for your CME/CPD points on both days of the meeting.

We look forward to your participation and support!

For scientific programme and further details of the meeting, please contact the College Secretariat or visit our College website at <http://www.hkcr.org>

HKCR SECRETARIAT:

Hong Kong College of Radiologists

Room 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: <http://www.hkcr.org>

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Special College Functions on 14th November 2015

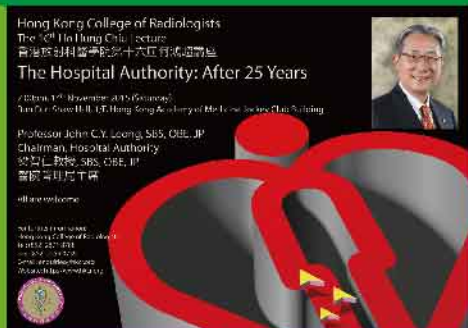
Our College has great pleasure in inviting you to our special functions in the evening of 14 November 2015 (Saturday) at Hong Kong Academy of Medicine Jockey Club Building. You are most welcome to bring your family and friends to share these memorable occasions with us.

The programme of the evening is as follows:

Date: 14 November 2015 (Saturday)
Venue: Run Run Shaw Hall, 1/F, Hong Kong Academy of Medicine Jockey Club Building
99 Wong Chuk Hang Road, Aberdeen, Hong Kong SAR
Programme: 5:30pm Cocktail Reception (Exhibition Hall, G/F)
6:00pm The 15th Joint Ceremonies for Admission of New Fellows
7:00pm The 16th Ho Hung Chiu Lecture
7:30pm Cocktail Reception (Foyer, 1/F)
8:00pm Dinner of the Colleges 2015

The Fifteenth Joint Ceremonies for Admission of New Fellows

Hong Kong College of Radiologists will be holding our Fifteenth Joint Ceremonies for the Admission of New Fellows at 6:00pm at Run Run Shaw Hall of HKAM Jockey Club Building. This event will be an excellent opportunity for you to meet with local and overseas colleagues of our profession, and to show your support for and to congratulate the newly admitted Fellows.



The Sixteenth Ho Hung Chiu Lecture

Our College is honoured to have

Professor John C.Y. LEONG, SBS, OBE, JP
Chairman, Hospital Authority, Hong Kong SAR, China

to deliver the lecture entitled

The Hospital Authority: After 25 Years

Dinner of the Colleges 2015

The dinner will be held after the 16th Ho Hung Chiu Lecture. With heavy subsidy from the College, it will only be a nominal fee **HK\$300** per head to participate in the dinner.

To facilitate our arrangement, please register early by returning the registration form to Conference Department of Hong Kong Academy of Medicine, and your crossed cheque made payable to 'HONG KONG ACADEMY OF MEDICINE', on or before **30 October 2015**.

For enquiries of registration, please contact:

Conference Department

Hong Kong Academy of Medicine

Room 808, 8/F, HKAM Jockey Club Building

99 Wong Chuk Hang Road Aberdeen,

Hong Kong SAR, China

Attention: Registration Secretariat of HKCR 23rd ASM

Tel: (852) 2871 8787

Fax: (852) 2871 8898

Email: HKCR@hkam.org.hk

For updated information, please visit our College's website: <http://www.hkcr.org>

Looking Back: Highlights from the History of Radiology

Dr. Shiobhon Luk, Pamela Youde Nethersole Eastern Hospital

Dr. Kathy Wong, Kwong Wah Hospital

This is the fifth issue of a series called 'Looking back: Highlights from the History of Radiology'. In this issue, we will travel back in time to see how the field of interventional radiology has evolved throughout the decades. It is our honour and pleasure to have the opportunity to interview Dr. Tso Wai Kuen, Consultant Radiologist, Department of Radiology, Queen Mary Hospital. He is one of the local pioneers who has witnessed the evolution of interventional radiology in Hong Kong and will be sharing with us many exciting local history stories.



Interview with Dr. WK Tso, Consultant Radiologist, Department of Radiology, Queen Mary Hospital

Part 5: The Story of Interventional Radiology

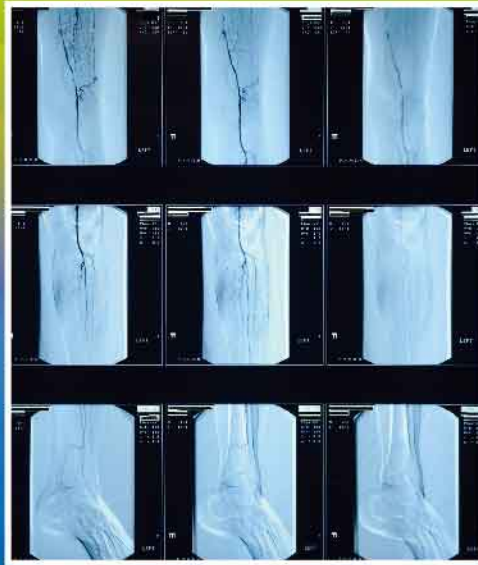
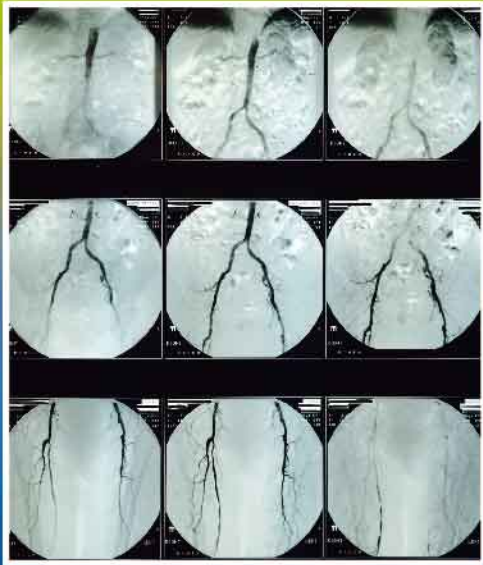
The birth and development of interventional radiology

The development of vascular interventional radiology would not be possible without the innovation of many scientists and doctors in the early years. In 1896, a year after the discovery of x-ray, Hascheck and Lindenthal performed the world's first arteriogram of an amputated arm of a cadaver using bismuth, lead and barium salts. The huge potential of this first angiogram was soon recognized by medical communities throughout the world.

The Portuguese physician and neurologist Dr. Egas Moniz developed the carotid angiography technique in 1927 and successfully produced angiography images of the brain. In 1929, Reynaldo dos Santos developed the technique of abdominal aorta angiography by using a translumbar needle. In the same year, the German physician Dr. Werner Forssmann developed the technique of catheterization of the heart by introducing a catheter into his own heart via his antecubital vein. The work of these pioneers created great impact on the development of diagnostic and interventional vascular radiology.

In 1953, the famous Seldinger technique was introduced by the Swedish physician Dr. Sven Ivar Seldinger. This technique allowed the procedure of angiography to be safer as the needle for vascular puncture no longer had to remain within the vascular lumen throughout the angiography procedure. In the 1960s, percutaneous transfemoral arteriogram became widely used in medical communities throughout the world.

The medical communities were excited about the potential role of angiography technique in the percutaneous treatment of vascular disease. The world's first transluminal angioplasty was performed by Dr. Charles Dotter in 1964 when he successfully dilated the superficial femoral artery stenosis in a patient with limb ischemia. In the 1970s, there was further advancement in interventional radiology with the invention of percutaneous transluminal angioplasty balloon catheters for iliac and peripheral artery stenosis by Dr. Gruntzig in 1976 and the invention of coronary balloon catheters for coronary angioplasty in 1979. The techniques of thrombolysis, selective vasoconstrictive infusion and embolization were also developed in the 1970s. In the 1980s, the concept of vascular intervention was further expanded with the invention of balloon expandable stent to treat vascular stenosis. The idea of intra-arterial chemotherapy was also introduced.



Lower limb angiogram for investigation of peripheral vascular disease in the 1990s.

Due to limitation in scanning technology in the past, several angiograms were often needed to image the lower limb vasculature. After scanning a segment of the lower limb arteries, a separate moving table acquisition and repeated administration of contrast were needed to image the next segment of the lower limb arteries. The examination time, radiation dose and contrast load were inevitably higher.

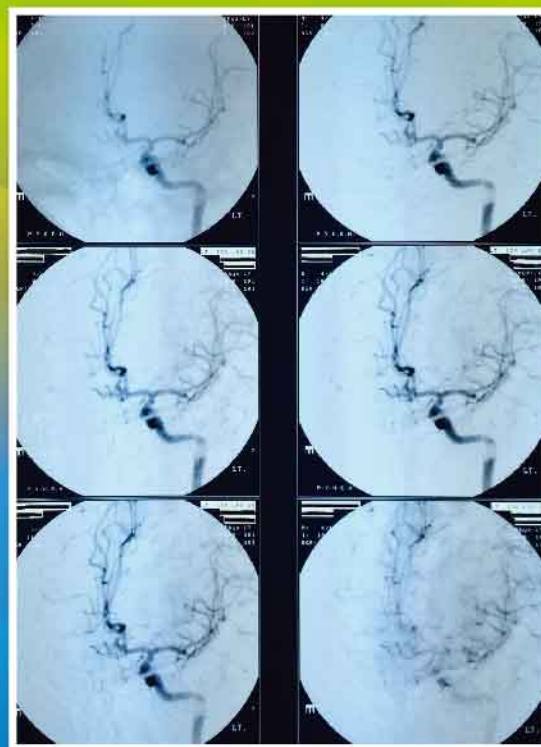
(Courtesy of Mr. Steve Lee, Senior Radiographer, Pamela Youde Nethersole Eastern Hospital)



Lower limb angiogram in the 2010s.

With the advancement in scanning technology, angiographic imaging of the vascular system was improved significantly. Currently available machines have automated sequences with preset exposure values and frame speed. Automatic moving table system and improved image post-processing technique are now available, allowing the lower limb arteries to be imaged within a short scan time and with fewer contrast injections.

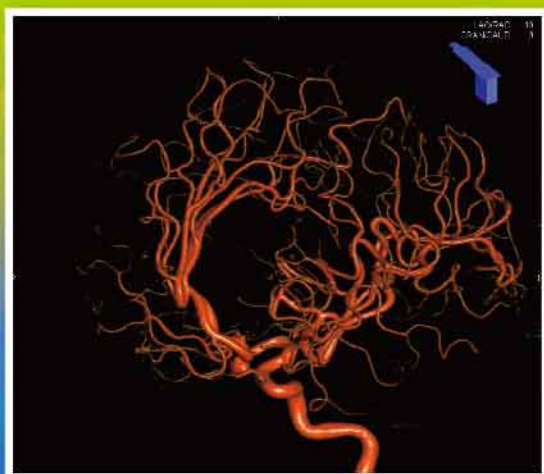
(Courtesy of Mr. Steve Lee, Senior Radiographer, Pamela Youde Nethersole Eastern Hospital)



Cerebral angiogram in the 1990s.

Conventional cerebral angiography in the past provided only limited anatomical views. In order to assess cerebral vascular lesions in various planes, several angiograms were often required. As a result, radiation dose and contrast load were increased.

(Courtesy of Mr. Steve Lee, Senior Radiographer, Pamela Youde Nethersole Eastern Hospital)



3D rotational cerebral angiogram in the 2010s showing an aneurysm arising from the anterior communicating artery.

With improvement in technology, it is now possible to obtain 360 degrees reformatted images in all directions, showing stereoscopic details of various cerebral vascular pathologies and their precise anatomical relationship with the cerebral vessels.

(Courtesy of Mr. Steve Lee, Senior Radiographer, Pamela Youde Nethersole Eastern Hospital)

Parallel to the development of vascular interventional radiology, non-vascular interventional radiology has also evolved in the past few decades. In the 1960s and 1970s, there were increasing numbers of publications on the techniques of arthrograms, abscess drainage, fluoroscopic-guided removal of stones from T-tube, transjugular cholangiography, lung and liver biopsy. In 1969, Ogg and Saxton developed percutaneous nephrostomy as an alternative to cystoscopy and retrograde ureteric catheterization to provide drainage of the obstructed pelvicalyceal system. The technique of percutaneous biliary drainage was reported in 1980.

History of interventional radiology in Hong Kong

Information about the development of non-vascular and vascular interventional radiology spread throughout the world. As with the development of various diagnostic imaging modalities, the advancement of interventional radiology in Hong Kong had been rapid and closely followed the pace of the rest of the world.

‘I entered the radiology profession in the 1970s and became involved in interventional radiology in the 1980s. In those days, radiologists in Hong Kong were already performing various types of image-guided biopsy and drainage procedures. Most of these biopsy and drainage procedures were fluoroscopy-guided,’ said Dr Tso. ‘We also performed other non-vascular interventional radiology procedures including percutaneous transhepatic cholecystostomy, percutaneous transhepatic biliary drainage and percutaneous nephrostomy.’



Types of PTBD stents used in the 1980s and 1990s. (Courtesy of Dr. WK Tso, Consultant Radiologist, Department of Radiology, Queen Mary Hospital)



Snare and guiding catheter used in the 1980s and 1990s, often used for removal of catheter or wire fragments. (Courtesy of Dr. WK Tso, Consultant Radiologist, Department of Radiology, Queen Mary Hospital)

‘In the 1980s, we also performed various types of angiography including the carotid angiogram. However, due to limited types of catheters, guidewires, introducer sheaths, stents and coils in those days, most of the angiograms were performed for diagnostic purposes,’ he added.



Coils used in the 1980s and 1990s. (Courtesy of Dr. WK Tso, Consultant Radiologist, Department of Radiology, Queen Mary Hospital)



Cutting balloon used in angioplasty for stenosis in the 1980s and 1990s. (Courtesy of Dr. WK Tso, Consultant Radiologist, Department of Radiology, Queen Mary Hospital)

In the late 80s and 1990s, advancement of scanning technology revolutionized interventional procedures at a very rapid pace. Diagnostic imaging of the vascular system was greatly improved and facilitated by techniques of CTA, MRA, Doppler US and DSA. In the old days, patients with absent femoral pulses were mostly subjected to translumbar approach aortogram investigation, and direct-puncture carotid angiography.



Left lateral view of direct ICA puncture



Left lateral view of left ICA angiogram



AP view of left ICA angiogram



AP view right ICA angiogram



Right lateral view of right ICA angiogram

Direct puncture carotid angiography performed in 1975 in a 63-year-old man admitted for drowsiness at home. Images demonstrated left subdural haematoma with midline shift. Before the era of development of the percutaneous transfemoral angiography technique, cerebral angiograms were often performed by percutaneous needle cannulation of the carotid arteries.

(Courtesy of Dr Lam Hon Shing, Consultant Radiologist, Department of Radiology, Kwong Wah Hospital)

These investigations soon became obsolete. DSA also rendered imaging patients with peripheral vascular disease much faster and easier. Aortic stent-grafting procedures and neurointervention were introduced in the 1990s, in phase with the emerging new imaging scanning techniques.'



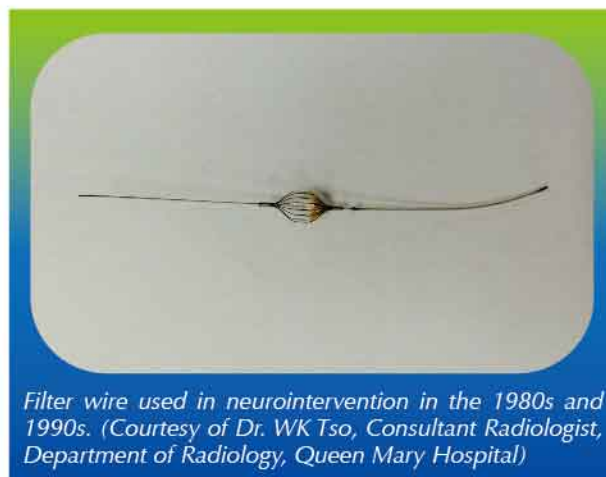
Biopsy syringe holder used in the 1990s. (Courtesy of Dr. WK Tso, Consultant Radiologist, Department of Radiology, Queen Mary Hospital)



Stereotactic needle guide for biopsy used in the 1990s. (Courtesy of Dr. WK Tso, Consultant Radiologist, Department of Radiology, Queen Mary Hospital)

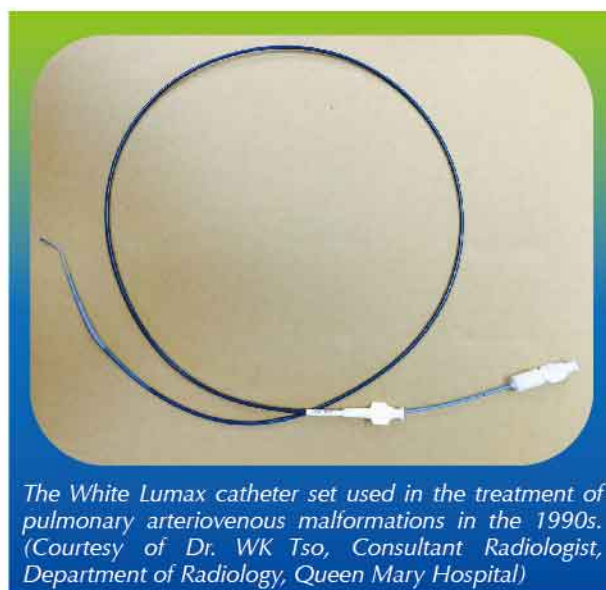
'In the 1990s, there was significant advancement in the design of various catheters, guidewires, coils, stents, radiofrequency ablation (RFA) equipment, GDC coils, filter wires and embolic agents. This allowed the

development of various types of intervention including neurointervention, fibroid embolization, chemo-embolization, RFA of tumors, embolization in the management of hemorrhage e.g. in patients with ruptured hepatocellular carcinoma,' he said.

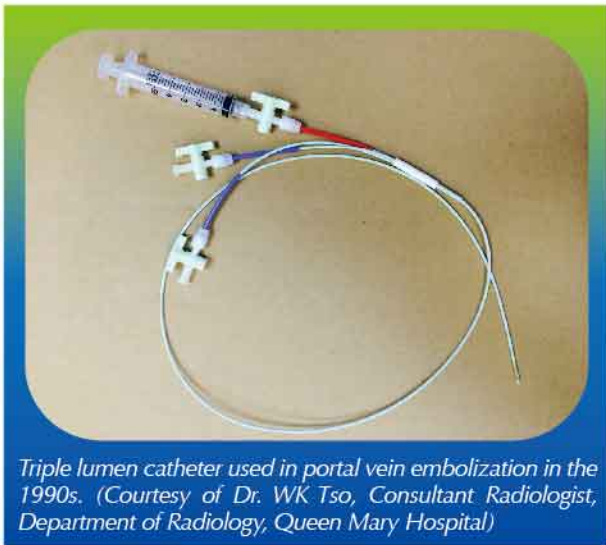


Filter wire used in neurointervention in the 1980s and 1990s. (Courtesy of Dr. WK Tso, Consultant Radiologist, Department of Radiology, Queen Mary Hospital)

'From the early days, local radiologists made good use of the opportunity to attend local and overseas seminars and conferences, overseas course and attachment to learn more about the latest development in interventional radiology. They also formed interest groups which offered an excellent platform for training, knowledge exchange and sharing of experience,' he added.



The White Lumax catheter set used in the treatment of pulmonary arteriovenous malformations in the 1990s. (Courtesy of Dr. WK Tso, Consultant Radiologist, Department of Radiology, Queen Mary Hospital)



Triple lumen catheter used in portal vein embolization in the 1990s. (Courtesy of Dr. WK Tso, Consultant Radiologist, Department of Radiology, Queen Mary Hospital)

'In the 2000s, there was booming in many areas of interventional radiology with further subspecialization seen, such as in musculoskeletal interventional radiology and neurointervention. A multi-team approach was also established in managing various conditions, such as in the collaboration between surgeons and radiologists in intra-operative RFA of tumors, and in the collaboration between anesthesiologists and radiologists in pain relief of terminal cancer patients e.g. celiac ganglion block in patients with carcinoma of pancreas,' he said.

'Good performance of interventional radiological procedures requires the need for adequate training, clinical knowledge and close cooperation with clinicians,' he emphasized.

Since its birth, interventional radiology has progressed from a field with great predicted potential to one that is now indispensable in patient management. The evolution of interventional radiology is an excellent example of the successful collaboration of individuals who have devoted tremendous effort in the advancement of this field. The exciting growth of interventional radiology continues to fascinate many of us. In the next issue, we will present another highlight in the history of radiology. Stay tuned!

Reference

1. Rosch J, Keller FS, Kaufman JA. The Birth, Early Years, and Future of Interventional Radiology. *J Vasc Interv Radiol* 2003;14:841-853.
2. Geddes LA, Geddes LE. *The Catheter Introducers*. Mobium Press (1993). ISBN-10:0916371131
3. The First 100 Years of Radiology – published by the Hong Kong College of Radiologists to mark the occasion of the Rontgen Centenary Congress & Third Annual Scientific Meeting, Hong Kong, 8-12 November 1995.
4. Pavcnik D. Slovenian experience from diagnostic angiography to interventional radiology. *Radiol Oncol* 2014;48(4):416-425.
5. Moreau J-F. One century of uro-radiology in Europe: 1896-1996. Section 2: The parents(1950-1980). www.ishrad.org/media/raw/european_uro-radiology_story_2_b.pdf. Assessed Aug 2015. 

Intercollegiate Basketball Tournament 2015, 7th June 2015 & 5th July 2015

Dr. Edward Chu, Queen Mary Hospital
Dr. Gregory Lee, Pamela Youde Nethersole Eastern Hospital
Dr. Henry Sze, University of Hong Kong



HKCR Basketball Team: One Team, One Family.

Basketball has brought eighteen passionate players together for the past three months. Thanks to the 2015 Friendly Mini-intercollegiate Basketball Tournament organized by the Hong Kong College of Otorhinolaryngologists for celebration of their twentieth anniversary; the ENT surgeons, Ophthalmologists, Anesthesiologists and we got together for four friendly matches at the University Sports Centre, the Chinese University of Hong Kong, on the 7th June and 5th July, 2015.

The four participating teams competed in the one-off semi-finals and a subsequent one-off final match to determine the winner.

The tournament began with the game between us and the ophthalmologists. Both teams put on a fine display of teamwork, athleticism and sportsmanship. With several players from our team finding their shooting touches as the game went on, we hit our stride and eventually earned a place in the final game alongside the anesthesiologists.

We went into the final game full of confidence. However the anesthetist team was certainly no pushover; making a strong start and leading the game by 9-0 early on in the first quarter. Our team members gave their everything and brought the scoreline to within a two-point gap at one point. But our opponents' strength under the net and prowess in counterattack had proven



too good for us. We came up short despite our great team spirit and finished the tournament in second place.

We have grown together as a team throughout the process in the past three months. Our regular Saturday night practice sessions have not only brought us sweat and laughter, but more importantly friendship and team spirit. We would like to acknowledge each and every single one of our team members for their time and efforts into the team.

We would like to pay tributes to Dr. Jennifer Khoo and Dr. Leo Ma, who together as our team supervisors, provided us with valuable advice and back-up in every game and training session. We would also like to thank our team captain Dr. Kan Tsang for the arrangements and his inspiring team-talk before each game. Last but not least, we congratulate the College of Otorhinolaryngologists on their twentieth anniversary. Let's fight again next year! 🍀

Our college has the following numbers of members as at 31 August 2015:

Status	Number	Status	Number
Honorary Fellow	15	Trainee Member	38
Honorary Member	6	Associate Member	1
Fellow	485	Total	687
Member	142		

List of Members admitted from 1 February 2015 till 31 August 2015:


Admission date	Name	Specialty	Training Center
24 February 2015	CHEUNG Ka Man	CO	QEH
24 February 2015	LUI Ka Wai Tushiyah	CO	QEH
31 March 2015	TANG Wai Kiu	RD	PWH
28 April 2015	CHOW Chung Hang James	CO	QEH
28 April 2015	LEE Tin Yan	CO	QEH
28 April 2015	NG Yue Hinn Brian	CO	PMH
26 May 2015	CHAN Wai	CO	TMH
26 May 2015	WONG Sean Man Natalie	CO	TMH
30 June 2015	CHAN Ka Yuk	RD	TMH
25 August 2015	CHIN Wing Tsung Anthony	RD	UCH
25 August 2015	LO Sheung Yan	RD	UCH
25 August 2015	TSE Man Lap Donald	RD	QMH

List of Trainee Members admitted from 1 February 2015 till 31 August 2015:

Admission date	Name	Specialty	Training Center
31 March 2015	BAO King Hei Kelvin	CO	QEH
26 May 2015	YAM Kai Ho Max	RD	NDH
25 August 2015	CHIU Cheuk Lun	RD	NDH
25 August 2015	FUNG Brian Wai Him	RD	TMH
25 August 2015	LAM Heung Wing	CO	PWH
25 August 2015	LEE Yat Sing	RD	TMH
25 August 2015	NG Kwok Sing	CO	PYNEH

Erratum

An erratum for Hong Kong College of Radiologists Winter Issue 2014 identifies one error as follow:

On page 31, it was mistakenly stated that Dr. KO Wei Sum Koel is from Prince of Wales Hospital. Dr. KO is being trained at the Department of Radiology & Imaging in Queen Elizabeth Hospital. 

Forthcoming Meetings in 2015-16

Date	Event	Venue	Website
8 – 11 October 2015	47 th Congress of the International Society of Paediatric Oncology (SIOP 2015)	Cape Town, South Africa	http://www.siop2015.kenes.com/
10 – 14 October 2015	EANM'15 - 28 th Annual Congress of the European Association of Nuclear Medicine	Hamburg, Germany	http://eanm15.eanm.org/
18 – 21 October 2015	57 th Annual Meeting of American Society for Radiation Oncology (ASTRO 2015)	San Antonio, USA	https://www.astro.org/Meetings-and-Events/2015-Annual-Meeting/Index.aspx
29 October – 1 November 2015	66 th Annual Scientific Meeting of RANZCR 2015	Adelaide, Australia	http://www.ranzcr2015.com/
5 – 7 November 2015	10 th Asian Oceanian Congress of Neuroradiology (AOCNR 2015)	Fukuoka, Japan	http://aocnr2015.umin.jp/index.html
14 – 15 November 2015	6 th Joint Scientific Meeting of RCR & HKCR and 23 rd Annual Scientific Meeting of HKCR	Hong Kong SAR, China	www.hkcr.org
29 November – 4 December 2015	Radiological Society of North America Annual Meeting 2015 (RSNA 2015)	Chicago, USA	www.rsna.org
8 – 12 December 2015	San Antonio Breast Cancer Symposium 2015	San Antonio, USA	www.sabcs.org
2 – 6 March 2016	European Congress of Radiology (ECR 2016)	Vienna, Austria	http://www.myesr.org/
13 – 18 March 2016	Society of Abdominal Radiology (SAR) 2016 Annual Scientific Meeting	Hawaii, USA	http://www.abdominalradiology.org/
20 – 23 April 2016	German Society of Nuclear Medicine Annual Congress 2016	Hannover, Germany	http://www.nuklearmedizin2016.de/
22 – 25 April 2016	46 th Annual Scientific Meeting of the Australian and New Zealand Society of Nuclear Medicine	New Zealand, Australia	http://www.anzsnm2016.com/
29 April – 3 May 2016	ESTRO 35	Turin, Italy	http://www.estro.org/
3 – 7 June 2016	American Society of Clinical Oncology Annual Meeting 2016 (ASCO 2016)	Illinois, USA	http://www.am.asco.org/



Let's celebrate together!

INTERNATIONAL DAY OF RADIOLOGY

THEME: PAEDIATRIC IMAGING
NOVEMBER 8, 2015

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