



# HONG KONG COLLEGE OF RADIOLOGISTS



# Newsletter

Winter Issue 2013



# Inside This Issue

President's Jotting	02	Meeting with The Royal College of Radiologists (RCR) Officials & Examiners, 1 <sup>st</sup> November 2013	18
Message from the Editor	04	5 <sup>th</sup> Joint Scientific Meeting of The Royal College of Radiologists & Hong Kong College of Radiologists and 21 <sup>st</sup> Annual Scientific Meeting of Hong Kong College of Radiologists, 2 <sup>nd</sup> -3 <sup>rd</sup> November 2013	19
College Examinations Successful Candidates	05	The 13 <sup>th</sup> Joint Ceremonies for Admission of New Fellows of The Royal College of Radiologists & Hong Kong College of Radiologists, the 14 <sup>th</sup> Ho Hung Chiu Lecture and Dinner of the Colleges, 2 <sup>nd</sup> November 2013	20
FRCR 2014 Examination Schedule	06	List of Awards	21
HKCR 15A Travelling Fellowship: Cardiac MR Training at the Heart Hospital	07	12 <sup>th</sup> Journées Francophones d'Imagerie Médicale in Hong Kong, 7 <sup>th</sup> -10 <sup>th</sup> November 2013	22
Announcement of Award of Frank Doyle Medal for Final FRCR Part A Examination in Clinical Radiology in Spring 2013 - Dr. Lo Wai Keung	08	The 2013 Training Course on Non-Vascular Intervention	23
Announcement of Award of Frank Doyle Medal for First FRCR Examination in Clinical Oncology Spring 2013 - Dr. Lee Shing Fung	08	International Day of Radiology - IDoR 2013	24
9 <sup>th</sup> CT Coronary Angiography Teaching Course 2013 - Intermediate and Advanced Level, 30 <sup>th</sup> -31 <sup>st</sup> March 2013	09	The International Diagnostic Course Davos (IDKD) in Hong Kong 'Musculoskeletal Diseases', 28 <sup>th</sup> - 30 <sup>th</sup> June 2014, Hong Kong	25
The 3 <sup>rd</sup> International Diagnostic Course Davos (IDKD) Intensive Course in Hong Kong Diseases of the Chest and Heart, 9 <sup>th</sup> -12 <sup>th</sup> May 2013	11	RSNA Honorary Membership 2013	26
Dinner Symposium on Current Advances in Oncology Medical Nutrition Support, 30 <sup>th</sup> May 2013	11	Tribute to Professor William S. C. Hare 30 <sup>th</sup> October 1923 - 31 <sup>st</sup> May 2013	27
The 4 <sup>th</sup> Oncology Forum of Hong Kong, 20 <sup>th</sup> July 2013	12	Leisure Corner - Looking back: Highlights from the History of Radiology	28
Oncology Summer Symposium 2013, 7 <sup>th</sup> September 2013	13	Dinner with our Honorary Legal Advisor, Honorary Auditor Associates and Hang Seng Investment Management Limited (HSVM), 16 <sup>th</sup> December 2013	32
Dinner with HKAM Council and HKCR Distinguished Young Fellows, 12 <sup>th</sup> September 2013	14	Christmas Lunch with HKCR Secretariat, 14 <sup>th</sup> December 2013	32
Asia Pacific Summit: Evolution in Cardiac Imaging, 14 <sup>th</sup> -15 <sup>th</sup> September 2013	15	Membership List of Committees and Subcommittees 2013-2014	33
64 <sup>th</sup> Annual Scientific Meeting of The Royal Australian and New Zealand College of Radiologists (RANZCR), 17 <sup>th</sup> - 20 <sup>th</sup> October 2013	16	Call for Application of HKCR Education and Research Fund	35
Proton Therapy Symposium, 23 <sup>rd</sup> October 2013	16	Membership Status	35
The 20 <sup>th</sup> Chinese Congress of Radiology 2013, Xian, China, 17 <sup>th</sup> - 20 <sup>th</sup> October 2013	17	Forthcoming Meetings in 2014	37
		HKCR Council Meeting Dates in 2014	38

# President's Jotting

## Dr. Law Chun Key

2013 has just past and the year of the Horse is arriving. With more active participation by energetic young Fellows, the College expects to be as vibrant as a horse in the new year.

On examination matters, Dr. Stephen Cheung attended Osirix Training at RCR for Oral Component of Final FRCR (Part B) Examination in Clinical Radiology, London, on 4<sup>th</sup> June 2013. He became the Convenor of a newly formed working group with a view to study the logistics for conducting the digital oral examination, including the security issues of examination films, with the strong support from the examiners of individual training centre. Hardware and software programmes were purchased, including an X-Ray Film Digitizer to digitize general radiography films or CT/MRI images. This is pertinent to build up a digital film database for training and examination purposes. With the support from the Royal College of Radiologists (RCR), our College planned to transit to digital delivery for the oral examination at the earliest in 2014 Autumn sitting. To well prepare ourselves, our College would send some examiners to London to undergo Osirix Training and observe the conduct of the oral component in March 2014. The mechanism to collect the films is being explored so that both the trainers and the trainees would be familiar with the examination formats.

A new multi-disciplinary Radiation Safety and Protection Subcommittee has been formed under the Council of the College to give advice in response to enquiries relating to radiation safety and protection, to provide relevant support on education of radiation safety and protection, and to communicate and collaborate with other local and overseas organizations in promoting high professional standards on radiation safety and protection. Dr. Y.C. Wong is the Chairman with wide representation from doctors, physicists and radiation therapists.

In the last issue of Newsletter, accreditation of a radiological procedure was mentioned. Now, the feasibility of accreditation of medical imaging services is being

studied. It was understood that it might have long-term impact on our Radiology profession and the responsibility and accountability of the radiologist's role in the medical imaging laboratories. Hence, another working group will be formed and Fellows are welcomed to give suggestions for the way forward.

On external affairs, our College continued to foster closer ties with fellow Societies and Colleges outside Hong Kong. On 23<sup>rd</sup> – 24<sup>th</sup> August 2013, I attended the 2<sup>nd</sup> AMM-AMS-HKAM Tripartite Congress & the 47<sup>th</sup> Singapore-Malaysia Congress of Medicine 2013 in Singapore.

On 9<sup>th</sup> – 11<sup>th</sup> September 2013, Dr. Lilian Leong and I were invited by Dr. Jane Barrett, the President of RCR, to attend the Annual Scientific Meeting and the Opening Reception of the RCR's new premises in Lincoln's Inn Fields, London – a historical building with modern design and facilities. A memento from our College was presented to Dr. Barrett to congratulate RCR on this momentous occasion.



Dr. Stephen Cheung, Dr. Lilian Leong and Prof. P.L. Khong had represented the College to attend the Executive Council Meeting of the Asian Oceanian Society of Radiology (AOSR) and the Asian Oceanian School of Radiology (AOSOR) Steering Committee Meeting, respectively, at the 69<sup>th</sup> Annual Meeting of the Korean Society of Radiology (KSR) at COEX, Seoul, Korea, on 9<sup>th</sup> – 12<sup>th</sup> October 2013. Furthermore, our College's

delegation led by Dr. Lilian Leong with Dr. Y.C. Wong, Dr. Sunny Tse and Dr. K.C. Wong, attended the 20th Chinese Congress of Radiology (CCR 2013) held in Xian, Shanxi Province on 17<sup>th</sup> – 20<sup>th</sup> October 2013 (please, refer to P.17 for more details). During exactly the same period, Dr. Jennifer Khoo attended the 64<sup>th</sup> Annual Scientific Meeting of the Royal Australian and New Zealand College of Radiologists (RANZCR) in Auckland, New Zealand (please, refer to P.16 for more details). In early December 2013, Dr. Lilian Leong attended the Radiological Society of North America (RSNA) meeting in Chicago, as well as the International Trends Meeting. May I also take this opportunity to congratulate Dr. Anne Lee, who had been conferred Honorary Membership of RSNA in recognition of her immense contribution in the field of clinical research in nasopharyngeal carcinoma.

The 15A Travelling Fellowship is another mechanism to foster closer ties with UK colleagues. In 2013, a selection panel was formed and applicants were interviewed in May. The Fellowship has been awarded to three candidates - Dr. Amy T. Y. Chang from Clinical Oncology Department of Pamela Youde Eastern Nethersole Hospital, Dr. Elaine Y. L. Kan and Dr. Wong Chun Wai from Radiology Department of Kwong Wah Hospital. The 2014 Fellowship is now open for application; please, do not miss this post-Fellowship training opportunity and submit your application by **31<sup>st</sup> March 2014!** Details will be available at the College's website: [www.hkcr.org](http://www.hkcr.org)

Our College continues to collaborate with many international professional bodies in organizing academic activities to promote the interflow of knowledge and advancement in the field of Radiology. The 5<sup>th</sup> Joint Scientific Meeting of RCR and HKCR and the 21<sup>st</sup> ASM of HKCR on 2<sup>nd</sup> - 3<sup>rd</sup> November 2013, was definitely a great success, with over 550 participants. The presence of the President of RCR, Dr. Giles Maskell, to grace the Joint Ceremonies for Admission of New Fellows of our two Colleges on several occasions is a symbol of solidarity and of our long and close relationship. This was immediately followed by the 12<sup>th</sup> Edition of Journées Francophone d'Imagerie Medicale (JFIM 2013), co-hosted with the

French Society of Radiology (SFR), on 7<sup>th</sup> – 10<sup>th</sup> November 2013. It was very encouraging to receive many positive feedback from the participants at this first meeting with simultaneous translation. On 7<sup>th</sup> – 8<sup>th</sup> December 2013, the College participated as supporting organisation in the Hong Kong Cancer Day cum Symposium on Cancer Control: Challenges & Opportunities, led by the Hong Kong Anti-Cancer Society. The 3<sup>rd</sup> International Diagnostic Course Davos (IDKD) Intensive Course, in collaboration with our College and the University of Hong Kong, was successfully held on 9<sup>th</sup> – 12<sup>th</sup> May 2013, with 295 radiologists and allied health professionals participating. The 4<sup>th</sup> IDKD, with subspecialty focus on **“Musculo-skeletal Diseases”**, will be held on 28<sup>th</sup> – 30<sup>th</sup> June 2014. Please, mark the dates on your diary and keep visiting our College website for updated details. The functions would not be successful without your full support and whole-hearted participation.

Lastly, I would like to end this short Jotting by thanking once again all members of the Council, Committees, Subcommittees and our Secretariat team for their selfless service and hard work. Please, do give them all your unstinting support!

Wish you all every success and good fortune in the New Year of the Horse. 

# Message from the Editor

## Dr. CY Lui

The New Year has come and a new look of the College Newsletter has come too. In this issue, you may find various activities organized by the College and were all well supported by our members. I would like to congratulate Dr. Anne Lee, our College Vice-President, who was awarded Honorary Membership by the Radiological Society of North America (RSNA) in December 2013. It was indeed a great honor to the radiology society in Hong Kong. Dr. Lilian Leong, our Founding President, was the first one from Hong Kong who was given the prestigious award for the significant contributions to radiology society in Hong Kong.

I would also like to congratulate Dr. Piter Lo from Department of Radiology, Kwong Wah Hospital and Dr. Lee Shing Fung from Department of Clinical Oncology, Tuen Mun Hospital, who were awarded Frank Doyle Medal for their outstanding performance for Final FRCR Part A Examination in Clinical Radiology and First FRCR Examination in Clinical Oncology in Spring 2013.

You may find the article from Dr. Kathy Wong of the University of Hong Kong reported her training under the

HKCR 15A Travelling Fellowship in London and as the ambassador of the College to forge a link between the Royal College of Radiologists and Hong Kong College of Radiologists. HKCR has been supporting Fellows to have advanced overseas training in UK for their continuous professional development, so don't miss the chance to apply for the 15A Travelling Fellowship.

We also have Dr. Shiobhon Luk for the long awaited second part of the Looking Back: Highlights from the History of Radiology. In this issue we have the history of ultrasound. You may also find precious images and drawings from the Ultrasound Museum of Queen Mary Hospital, with the cases performed and illustration done by Dr. Lilian Leong in 1979 in QMH.

Last by not least, I would like to welcome Dr. Danny Cho and Dr. Catherine Wan to join the Newsletter Subcommittee and thank the contributions of the outgoing colleagues Dr. Chan Tao and Dr. Julian Fong in the past years. ✍



## LIGHTBOX RADIOLOGY EDUCATION



**Dr Adam Zoga**  
Assoc Prof Musculoskeletal  
Imaging, Thomas  
Jefferson University

### MRI Lower Limb Hands-On Workshop

12 CPD Points

**Hong Kong**

10th - 11th July 2014

### MRI Upper Limb Hands-On Workshop

12 CPD Points

**Hong Kong**

12th - 13th July 2014



**Dr Connie Lehman**  
Professor of  
Breast Imaging  
University of Washington

### Breast Imaging Interpretation

5.5 CPD Points

**Sydney**

25th October 2014

### Breast MRI Hands-On Workshop

18 CPD Points

**Sydney**

26th October 2014

# College Examinations Successful Candidates

Joint Final Examinations for Fellowship – October 2013

## Clinical Radiology

**Date:** 29-31 October 2013

**Venue:** 2/F & 5/F, Hong Kong Academy of Medicine Jockey Club Building, Aberdeen, Hong Kong

**Examiners:** Prof. Duncan ETTLES (Senior Examiner), Dr. Christopher David GEORGE,  
Dr. LOKE Kwok Loon Tony, Dr. POON Wai Lun,  
Dr. TAI Kin Shing, Dr. WONG Yiu Chung Ivan

**Observers:** Dr. CHEUNG Chi Wai Stephen, Dr. WONG Ka Tak Jeffrey

### **Successful Candidates:**

AU Ka Yan Alice (Pamela Youde Nethersole Eastern Hospital), CHAN Wun Cheung Samuel (Tuen Mun Hospital), CHAN Yin Ho (Queen Elizabeth Hospital), CHAN Chi Hin (Kwong Wah Hospital), CHENG Shan Shan (Queen Elizabeth Hospital), CHENG Ka King (Kwong Wah Hospital), CHU Ping Yung (Tuen Mun Hospital), ERAIBEY Muhammad Mahmoud Abdel Mawgoud Ali (Farwaniya Hospital, Kuwait), KWONG Yin Yee (Queen Mary Hospital), LAI Ming Hei (Pamela Youde Nethersole Eastern Hospital), LAM Ka Cheong (Queen Mary Hospital), LAM Alan Cheuk Si (Queen Mary Hospital), LAM Mau Chu (United Christian Hospital), LEE Tang Fei (Pamela Youde Nethersole Eastern Hospital), LEUNG Siu Ting (Pamela Youde Nethersole Eastern Hospital), LO Lai Wan (Princess Margaret Hospital), NUNG Chi Hang (Prince of Wales Hospital), PATIL Prafulla Vasant (Maulana Azad Medical College, India), SHEK Ka Wai (Queen Elizabeth Hospital), SITT Ching Man Jacqueline (Prince of Wales Hospital), TO Victoria Yuen Kwun (Tuen Mun Hospital), TSANG Hoi Ching Hailey (Queen Elizabeth Hospital), TSANG Kim Hung (Queen Elizabeth Hospital), TSE Ka Hei (United Christian Hospital), WONG Sin Man (Prince of Wales Hospital), WONG Wai Yu (Tuen Mun Hospital), WONG Yue Kie Kevin (Queen Elizabeth Hospital), YU Wong Li (Prince of Wales Hospital)

## Clinical Oncology

**Date:** 30-31 October 2013

**Venue:** 4/F, Block R, Department of Clinical Oncology, Queen Elizabeth Hospital

**Examiners:** Dr. Peter BLISS (Senior Examiner), Dr. Chris BAUGHAN,  
Dr. CHENG Chi Kin Ashley, Prof. KWONG Lai Wan Dora,  
Dr. WONG Kam Hung

**Observers:** Dr. KAM Koon Ming Michael, Dr. Wong Chi Sing Frank

### **Successful Candidates:**

CHAN Fong Ting (Queen Mary Hospital), CHAN Po Chung (Tuen Mun Hospital), LAI Wing Yu (Princess Margaret Hospital), LI Yu Chung (Queen Elizabeth Hospital), YUEN Yiu Sang (Queen Elizabeth Hospital), CHAN Sum Yin Ann (Queen Mary Hospital), CHIK Yin Kwan (Queen Elizabeth Hospital), LAM Chor Man (Prince of Wales Hospital), LAW Ka Suet (Princess Margaret Hospital), SOO Man Tak (Prince of Wales Hospital)

# FRCR 2014 Examination Schedule

## *Spring 2014*

Monday, 24 February 2014	<b>First FRCR in Clinical Oncology</b> (Cancer Biology & Radiobiology / Clinical Pharmacology)
Tuesday, 25 February 2014	<b>First FRCR in Clinical Oncology</b> (Medical Statistics / Physics)
Wednesday, 26 February 2014	<b>Final FRCR (Part A) in Clinical Oncology</b>
Monday, 3 March 2014	<b>First FRCR in Clinical Radiology</b> (Physics)
Tuesday, 4 March 2014	<b>First FRCR in Clinical Radiology</b> (Anatomy)
Monday, 17 March 2014	<b>Final FRCR (Part A) in Clinical Radiology</b> (Cardiothoracic and Vascular / Musculoskeletal and Trauma)
Tuesday, 18 March 2014	<b>Final FRCR (Part A) in Clinical Radiology</b> (Gastro-intestinal / Genito-urinary, Adrenal, Obstetrics & Gynaecology)
Wednesday, 19 March 2014	<b>Final FRCR (Part A) in Clinical Radiology</b> (Paediatrics / Neuroradiology)

## *Summer 2014*

Monday, 9 June 2014	<b>First FRCR in Clinical Radiology</b> (Physics)
Tuesday, 10 June 2014	<b>First FRCR in Clinical Radiology</b> (Anatomy)

## *Autumn 2014*

Monday, 1 September 2014	<b>First FRCR in Clinical Radiology</b> (Physics)
Tuesday, 2 September 2014	<b>First FRCR in Clinical Radiology</b> (Anatomy)
Wednesday, 10 September 2014	<b>Final FRCR (Part A) in Clinical Oncology</b>
Thursday, 11 September 2014	<b>First FRCR in Clinical Oncology</b> (Cancer Biology & Radiobiology / Clinical Pharmacology)
Friday, 12 September 2014	<b>First FRCR in Clinical Oncology</b> (Medical Statistics / Physics)
Monday, 22 September 2014	<b>Final FRCR (Part A) in Clinical Radiology</b> (Cardiothoracic and Vascular / Musculoskeletal and Trauma)
Tuesday, 23 September 2014	<b>Final FRCR (Part A) in Clinical Radiology</b> (Gastro-intestinal / Genito-urinary, Adrenal, Obstetrics & Gynaecology)
Wednesday, 24 September 2014	<b>Final FRCR (Part A) in Clinical Radiology</b> (Paediatrics / Neuroradiology)

# HKCR 15A Travelling Fellowship: Cardiac MR Training at the Heart Hospital

**Dr. Kathy Wong**, The University of Hong Kong

The Cardiac MR department at the Heart Hospital was busy as usual on my last day of training. I treasured the fruitful and joyful learning experience in the UK and all the wonderful friends I made. I was very grateful to the Hong Kong College of Radiologists (HKCR) for granting me the HKCR 15A Travelling Fellowship 2012 which supported this overseas training. I was also very thankful to my department and my fellow colleagues for working extra hard to cover my duties during my absence.

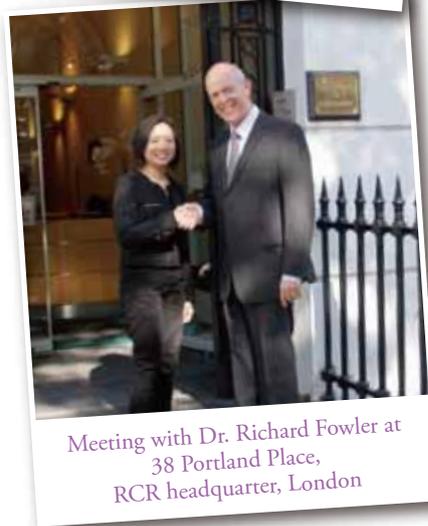
## Cardiac MR Fellowship

The Heart hospital is a quaternary cardiac referral centre. The magnetic resonance imaging unit has a 1.5T magnet which is capable of providing high quality imaging service for a wide variety of cardiac conditions including ischaemic heart diseases, myocarditis, many different cardiomyopathies and complicated congenital heart diseases.

A typical busy day began with multidisciplinary clinical meetings starting at eight o'clock in the morning with thorough discussions on management and surgical planning for patients with cardiomyopathy, adult congenital heart disease and general cardiac diseases based on the clinical information, investigations and imaging available. The rest of the day consisted of routine radiological scanning and reporting service. During the reporting session with the consultants, I learnt much about cardiac MR. I also had the opportunities to learn some scanning techniques. Sometimes there were educational opportunities including lectures, conferences and presentations which were very stimulating and inspiring. We also visited other cardiac imaging centres, the London Chest hospital and the Great Ormond Street Hospital which have slightly different practice, imaging machines and cardiac imaging protocols. Learning with other fellows from across the world helped me to appreciate the variations in CMR practice, and to exchange knowledge and experience in the development of cardiac imaging in other regions. I am really grateful to have made some great



Overseas training at the Heart Hospital



Meeting with Dr. Richard Fowler at  
38 Portland Place,  
RCR headquarter, London

friends there and I am sure these friendships will last a lifetime.

## Visiting the RCR: Present and Future

During my CMR training in London, I had great pleasure to visit The Royal College of Radiologists (RCR) headquarter at 38 Portland Place and the honour of meeting with Dr. Richard Fowler, Warden of the Fellowship and Medical Director, Education and Training, Clinical Radiology (Warden of the Faculty). We discussed the growth of cardiac imaging across the world as well as exchanged thoughts about the present and future development in Radiology in the UK and Hong Kong. Dr. Fowler was extremely supportive of HKCR 15A Travelling Fellowship. The close link between our two Colleges was also greatly treasured.

This year, 2013, marks an exciting and important year for the RCR. The RCR headquarter will move from 38 Portland Place to a newly refurbished building next to a beautiful park in 63 Lincoln Inn Field (near Holborn station) this summer. The new address is in proximity to the Royal College of Surgeons which is only less than 300m away! The new RCR building will accommodate more meeting rooms and a new lower ground lecture theatre which is designed to hold larger conferences and exhibitions. During the last week of my training in London, I took a walk around Lincoln Inn Park to admire the new home of the RCR. It was a privilege to have an opportunity to visit both the current and future headquarter of RCR during my training in London and to witness the excitement of the change.

These two months of training in the UK was a precious and unforgettable experience. I believe I made the best use of every moment to learn and experience. I look forward to apply and share the experience, knowledge and skills to benefit our patients. ✍️

# Announcement of Award of Frank Doyle Medal for Final FRCR Part A Examination in Clinical Radiology in Spring 2013 – Dr. Lo Wai Keung

**Dr. Lo Wai Keung**, Kwong Wah Hospital



*From left to right: Dr. Lui Chun Ying and Dr. Lo Wai Keung*

“Success is stumbling from failure to failure with no loss of enthusiasm.” Winston Churchill.

From medical school, through clinical year to basic training, there have been numerous occasions and encounters when one may feel dismayed, but these are the times when one reflects upon himself and ponder ways to improve.

I am lucky in this path to have the help and guidance of my generous seniors and colleagues in Kwong Wah Hospital, whose sharing and teaching are not only helping hands through this muddy stumble, but also beacons in personal values and career development. The preparatory courses from our College were stimulating and well-balanced, allowing me to reflect upon my weaknesses and improve. Of course, I owe a lot to every patient I cared and wrote report for. Their respective clinical questions are scenarios which bring textbooks to life.



I take pride in receiving the medal, at the same time with awe and thankfulness. I regard my achievement as a tribute to all dedicated staff and predecessors who strive relentlessly promoting and refining radiology training in Hong Kong. Certainly radiology is an unfathomable profession. I hope to keep myself enthusiastic to face the challenges ahead, and to contribute to this vibrant profession in the future. ✍

# Announcement of Award of Frank Doyle Medal for First FRCR Examination in Clinical Oncology Spring 2013 - Dr. Lee Shing Fung

**Dr. Lee Shing Fung**, Tuen Mun Hospital



*From left to right: Dr. Tung Yuk, Dr. Lee Shing Fung and Dr. Sze Wing Kin*

I am greatly humbled and honored to receive this award. I would like to express my sincere gratitude for the tremendous support given by my colleagues at the Clinical Oncology Department in Tuen Mun Hospital.

I did not make the journey alone. Numerous people have supported me along the way. I am privileged to have

amazing mentors. Their guidance, encouragement, and mentoring in my personal and professional life have helped make me the person I am today. I am grateful for their support.

I shall also emphasise the importance of exchanging ideas among trainees. During our study, we have studied together and challenged each other in a positive way. Without this mutual exchange of ideas, I would not have been able to achieve this award.

It is wonderful to receive this award and, as a doctor, I believe that it is equally gratifying to know that I have helped patients who are in need. I am one of those fortunate people who goes home knowing that I have made a difference in the society by being a doctor. The recognition of my work, I believe, equals the appreciation of all those who have devoted time in the field. I am truly grateful to receive the medal. ✍

# 9<sup>th</sup> CT Coronary Angiography Teaching Course 2013 – Intermediate and Advanced Level, 30<sup>th</sup>-31<sup>st</sup> March 2013

**Dr. Chan Chi Hin**, Kwong Wah Hospital

In collaboration with Asian Society of Cardiovascular Imaging (ASCI), Society of Cardiovascular Computed Tomography (SCCT) and Hong Kong College of Radiologists, the 9<sup>th</sup> CT Coronary Angiography Teaching Course 2013 Intermediate and Advanced Level was successfully held in Pamela Youde Nethersole Eastern Hospital on 30<sup>th</sup> – 31<sup>st</sup> March 2013. Over 200 attendees from different Asian countries in the fields of Diagnostic and Interventional Radiology, Radiography and Cardiology participated in this great annual event in cardiovascular imaging.

Course director, Dr. John Hoe, the Immediate Past Vice-President and Founding Member of ASCI and President Elect for ASCI (2013-2015), has been the organiser of the annual CT Coronary Angiography Teaching Course previously held in Singapore, Sydney and Phuket. Together with other course faculties from U.S.A. and Hong Kong, a total of seventeen lectures and masterclass on CT coronary angiography were delivered within the two-day course. Various aspects of coronary CT angiography, including essential anatomy, basic interpretation skills, common misinterpretations and diagnostic pitfalls, and techniques for optimizing images quality and minimizing dosage were well-covered. In addition, utilization of myocardial stress perfusion studies in combination with CT coronary angiography in the management of patients with ischaemic heart disease was also discussed.



*Participants paying full attention in lectures and masterclass in lecture theatre.*

As the highlight of the course, many of the participants were also able to join the two sessions of 3-hour CT cardiac “Hands-on workshop” under the guidance by course faculties. During the workshop, participants were able to manipulate the workstation to view selected interesting and representative cases. A short discussion after each case helped to consolidate and reinforce knowledge and skills learnt during the lectures and masterclass. The participants completed more than 30 cases and thereby met part of the SCCT requirements for Level 2 training.



*Participants gaining valuable hands-on experience in CT coronary angiography interpretation using dedicated workstations.*



*From left to right: Dr. Lilian Leong, Dr. John Hoe, and Dr. Jennifer Khoo*



*Dr. John Hoe (left) and Dr. Szilard Voros (right) shared interesting case examples for discussion.*



*Other faculties of the course lectures and  
“Hands-on Workshop”  
From left to right: Dr. Sonny Chiu,  
Dr. John Hoe, Dr. Jack Shu, Dr. Stephen Cheung.*

During the course, I had opportunity to become acquainted with professionals from different parts of the world, including Korea, Malaysia, India, Thailand, and Jordan. They all agreed that the course is interesting and highly relevant to their clinical practice, and that the topics were effectively delivered and easy to understand. “The course is well-organized with good accommodation and refreshments. It is my first visit to Hong Kong, and I’m enjoying my stay here,” said a participating doctor from Malaysia.



*Dr. Lilian Leong welcomed course participants  
from other Asian countries.*

Dr. Lilian Leong, the Founding and Immediate Past President of Hong Kong College of Radiologists, concluded this great annual event in cardiovascular imaging by giving closing remarks and expressing gratitude towards the other course organizers, course faculties and sponsors. We are looking forward to the 10<sup>th</sup> CT Coronary Angiography Teaching Course, and we hope the event will be held in Hong Kong again in the near future. ✍



*Course faculties in the lectures:  
Dr. Michael Lee (left) and Dr. YY Yau (right)*

# The 3<sup>rd</sup> International Diagnostic Course Davos (IDKD) Intensive Course in Hong Kong Diseases of the Chest and Heart, 9<sup>th</sup>-12<sup>th</sup> May 2013

**Dr. Victoria To**, Tuen Mun Hospital

The International Diagnostic Course Davos (IDKD) is well known for its organ-based interactive lectures and workshops since 1969. Currently it is offering courses in Davos in Switzerland, Athens, Greece and Hong Kong. The annually changing topics include: Brain, Head & Neck, Spine; Chest & Heart; Abdomen & Pelvis and Musculoskeletal Diseases.

The 3<sup>rd</sup> IDKD in Hong Kong was held on 9<sup>th</sup> - 12<sup>th</sup> May 2013 in collaboration with the University of Hong Kong and Hong Kong College of Radiologists at the Hong Kong Convention and Exhibition Centre. The topic was Diseases of the Chest and Heart.

Hundreds of radiologists from around the world flew to Hong Kong to experience the enlightening lectures by renowned experts from the United States, France, Netherlands, Switzerland, United Kingdom and China. The intensive course was organized into 3 highlight lectures and 14 workshops spread over 3.5 days. Topics like “Plain

Film and HRCT Diagnosis of Interstitial Lung Disease” and “CT and MRI in Heart Failure” were included. Each workshop had around 50 to 70 participants. A typical workshop would consist of a short lecture, followed by self-study of cases provided on a USB stick and subsequently, dynamic discussion.

I enjoyed the discussion part of the cases the most because radiologists from different continents could share their different opinions and practices. The chest workshops were especially useful in my preparation towards the joint final examination for the fellowship because the case-based style surely consolidated my approach and concepts towards chest radiology. The cardiac workshops were eye-opening and triggered my interest in this subspecialty further. What a fruitful course!

The 4<sup>th</sup> IDKD course in Hong Kong will be held on 28<sup>th</sup> - 30<sup>th</sup> June 2014. The topic will be Musculoskeletal Diseases. Do register early! ✍

## Dinner Symposium on Current Advances in Oncology Medical Nutrition Support, 30<sup>th</sup> May 2013

**Dr. Inda Soong**, Pamela Youde Nethersole Eastern Hospital

Hong Kong College of Radiologists and Hong Kong Dietitians Association jointly organized a scientific symposium at Eaton Hotel, Kowloon on 30<sup>th</sup> May 2013.

We are honored to have Prof. Maurizio Muscaritoli to be our invited speaker. He shared with us his expertise on the medical nutrition support for patients with oncological problems. Prof. Muscaritoli is an Associate Professor in the Department of Clinical Medicine at University ‘La Sapienza’ and also the Head of the Clinical Nutrition Management Unit of Sapienza University Hospital in Rome, Italy.

Our appreciation goes to Abbott Nutrition for supporting the event. ✍



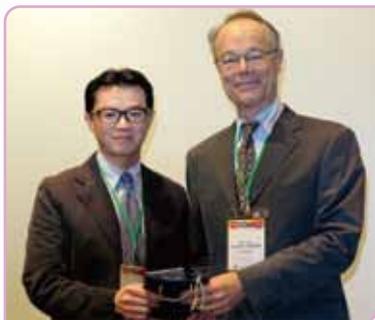
# The 4<sup>th</sup> Oncology Forum of Hong Kong, 20<sup>th</sup> July 2013

**Dr. Wendy W.L. Chan, Queen Mary Hospital**

The 4<sup>th</sup> Oncology forum, co-organized by the Hong Kong College of Radiologists and Hong Kong Society of Clinical Oncology, was held successfully on 20<sup>th</sup> July 2013.

Like previous years, this year's scientific program was comprehensive and widely covered topics of various malignancies. It is our honour to have renowned overseas and local speakers to share their experience and knowledge.

After the welcoming speech by Dr. Roger Ngan and Dr. William Foo, the forum first focused on the management of women cancers. Prof. Eric Pujade-Lauraine discussed the updates on novel therapies in recurrent ovarian cancer while Dr. T.K. Yau presented new therapeutic agents for Her-2 positive breast cancer. Then Dr. P. Hui and Dr. K.O. Lam enlightened us on systemic treatment of metastatic colorectal cancers.



At the same time with the GI cancer session, there was a parallel session on lymphoma management, with Prof. Y.L. Kwong and three energetic hematologists sharing their clinical experiences.

After lunch, we all paid attention to the challenging topic on management of lung cancer. Dr. K. Loh and Dr. J. Ho made a good summary on its systemic treatment. It was followed by an exciting debate by Prof. Tony Mok and Dr.

Oscar Chan on upfront radiotherapy for brain metastasis in patients with EGFR mutation positive lung cancer. I am sure all participants would still remember their touching cases and their quotes on "to love..., and to treat...".



The next session was on melanoma. Treatment of melanoma has been revolutionized in recent years with emergence of various novel molecular agents acting on BRAF. Dr. Edmond Ma gave his view as a pathologist on the importance of BRAF testing and Dr. Anthony Ying discussed the treatment advances. The final session was on management of prostate cancer, with topics covering surgery, radiotherapy and systemic treatment presented by Dr. Sidney Yip, Dr. K.C. Lee and Dr. Philip Kwong respectively.

No doubt we had chosen the right place to spend that hot sunny Saturday. We all learnt a lot in the oncology forum. Many thanks to the faculty for organizing this excellent scientific symposium, creating a platform for academic interflow and ideas exchange. We are looking forward to the 5<sup>th</sup> Oncology Forum in 2014. Lastly, special thanks to Roche Hong Kong Limited for their support in this event. ✍



# Oncology Summer Symposium 2013, 7<sup>th</sup> September 2013

**Dr. Rico K.Y. Liu, Queen Mary Hospital**

With constant advancement in the treatment of cancer, updating on the latest development and treatment strategies become an important aspect of learning for oncologists. The Oncology Summer Symposium 2013, held on the 7<sup>th</sup> September 2013, was an educational program jointly organized by Hong Kong College of Radiologists and Hong Kong Society of Clinical Oncology, and sponsored by GlaxoSmithKline Oncology. It put together an ambitiously rich program on different cancer types with local and overseas presenters in one afternoon.

The symposium started off with a talk on managing skeletal problem by Dr. Angus Leung, Associate Consultant, Department of Clinical Oncology, Queen Elizabeth Hospital. This was followed by Prof. Patrick Schoffski, Head of the Department of General Medical Oncology at the University Hospitals Leuven in Belgium. He enlightened the audience on current evidence-based management of metastatic renal cell carcinoma. Prof. Michael Geissler, Head of Oncology Center and Lung Cancer Center, Klinikum Esslingen of Germany, delivered a talk on different efficacy of EGFR inhibitors for the same diagnosis of advanced colorectal cancer. He talked about the importance of checking both K- and N-Ras mutation for better definition of target patient group for the EGFR inhibitors used. He also spent some length discussing different ways to control and improve skin reaction as a means to enhance longer treatment duration. His talk was followed by a case presentation by Dr. William Foo, Director of Radiotherapy and Oncology, Baptist Hospital, illustrating the use of EGFR inhibitor in local setting.



The symposium continued with a talk by Prof. Brigette Ma, Associate Professor, Department of Clinical Oncology, CUHK, who shared her views on the management of advanced soft tissue sarcoma beyond chemotherapy. There was then another local case presentation by Dr.

William Foo. The final lecture was delivered by Prof. Janice Tsang, Clinical Assistant Professor, Department of Clinical Oncology, HKU, with title "Practice-Based Questions for the Management of Her-2 + Metastatic Breast cancer".

The day concluded on a happy note with the symposium serving as a platform for participants to share knowledge and ideas. More importantly, we have all brought home information on updated practices. We look forward to the active participation of our members in similar symposiums in the future. ✍

# Dinner with HKAM Council and HKCR Distinguished Young Fellows, 12<sup>th</sup> September 2013

**Dr. Jennifer Khoo**, Pamela Youde Nethersole Eastern Hospital



Recently the HKAM Council invited Academy Colleges to nominate their distinguished Fellows, and hosted a dinner on 12<sup>th</sup> September 2013 inviting them to attend. It was a joyous occasion when over 30 distinguished young fellows from the various Colleges enjoyed dinner together with the Academy Council and special guests including Professor David Todd, Professor Rosie Young and Professor David Fang.



Dr. Jennifer Khoo, Senior Vice-President of our College, introduced our two young fellows, Dr. Winnie Chan and Dr. Victor Lee.

## **Dr. Winnie Chan**

Dr Chan Sze Wun Winnie graduated from the Chinese University of Hong Kong. She was awarded the Dr. F.L. Chan Medal for the January 2010 sitting of the Exit Assessment, and she is the first and the only medalist since the endowment of the medal in 2007 for her outstanding performance during Higher Training and Exit Assessment. Her subspecialty interests are in cardiac imaging and

musculoskeletal imaging. She is now the deputy team head of the Cardiac team, Department of Radiology, Queen Elizabeth Hospital. She has obtained her master degree in biostatistics and epidemiology, and now is the research subcommittee head of the department. Her recent work include a pilot program with cardiologists on early CT angiogram in acute coronary syndrome, modifying MRI stress imaging protocol, and enhancing imaging in adult congenital heart disease.



## **Dr. Victor Lee**

Dr. LEE Ho Fun Victor graduated from the University of Hong Kong in 2002. He obtained the fellowship of Royal College of Radiologists in Clinical Oncology



in 2007, and became a specialist in clinical oncology in 2010. He joined Department of Clinical Oncology, The University of Hong Kong as Clinical Assistant Professor in May 2008 and has since been publishing and lecturing widely in the specialty. He is President of Hong Kong Head and Neck Society for 2013-2014. He is editor and reviewer of 8 international journals and has published about 30 peer-reviewed journal articles. His research interests include head and neck cancer, lung cancer, gastrointestinal cancer, CNS tumours, stereotactic radiotherapy, brachytherapy and cancer molecular genetics. ✍

# Asia Pacific Summit: Evolution in Cardiac Imaging, 14<sup>th</sup>-15<sup>th</sup> September 2013

**Dr. Kathy Wong**, The University of Hong Kong **Dr. Sherwin Lo**, Pamela Youde Nethersole Eastern Hospital

The summit was a 2-day event which took place on 14<sup>th</sup>-15<sup>th</sup> September 2013 in Hong Kong that we were delighted to be invited as moderators.

The event began with a warm opening speech by Dr. Lilian Leong, Founding President and Immediate Past President of Hong Kong College of Radiologists welcoming all speakers, guests, overseas and local participants and thanking the co-organisers.



The summit program included a wide range of informative and interesting topics on cardiac imaging delivered by speakers and specialists from Hong Kong and overseas, including Professor Tae-Hoon KIM from Yonsei South Korea, who is Chair of the Korean Society of Cardiovascular Imaging and the Secretary General of the upcoming 8th Congress of Asian Society of Cardiovascular imaging (ASCI) in 2014, and a very good friend of the Hong Kong College of Radiologists.

Dr. Winnie Chan from Queen Elizabeth Hospital represented Hong Kong and gave an excellent overview regarding updates and challenges in cardiac imaging including CT and MR on their current roles in diagnosis, risk stratification and management.

Other speakers also shared their experiences on clinical cardiac researches and practices, advanced techniques in radiation dose reduction as well as techniques in optimising contrast bolus delivery to maintain imaging quality.



Lively discussion and knowledge exchange between the speakers and the audiences took place after each session. This provided us with an excellent opportunity to learn and get to know the practices in different parts of the world.

This summit was indeed a fruitful experience which marks continued advancement and effort by our college in promoting international collaboration and knowledge exchange. ✍️

# 64<sup>th</sup> Annual Scientific Meeting of The Royal Australian and New Zealand College of Radiologists (RANZCR), 17<sup>th</sup> - 20<sup>th</sup> October 2013

**Dr. Jennifer Khoo**, Pamela Youde Nethersole Eastern Hospital

The RANZCR 2013 Annual Scientific Meeting was held in the beautiful city of Auckland, New Zealand in October 2013 at the Skycity Convention Centre. The meeting was well attended with over 1000 participants. The scientific programme was well organized with prominent local and overseas speakers, including Professor Andy Adam and Professor Fergus Gleeson from UK, Professor Sarah Donaldson and Professor Ric Harnsberger from US.



*At the technical exhibits: With Professor Dinesh Varma (President of RANZCR) and Ms Natalia Vukolova (CEO of RANZCR)*



*At the RANZCR Annual Ceremony: (From left to right) Professor Iain McCall (ESR Past President), Dr. Peter Cavanagh (RCR Dean, Clinical Radiology), Dr. Jennifer Khoo, Dr. Giles Maskell (RCR President)*

I had the honour to represent our College to attend the meeting, as well as the Annual Ceremony of the RANZCR held on 18<sup>th</sup> October at the Auckland Town Hall, during which there were presentation of new fellows, prizes and honours. On 19<sup>th</sup> October a Presidential Meeting was held where representatives of international organizations, (including Presidents / Past Presidents and officials of RCR, RSNA, ESR, ASTRO, ESTRO and HKCR) met informally to discuss matters of mutual interest and international collaborations. The emphasis at the meeting centred upon leadership, education and support. Discussions included innovations in the propagation of knowledge by electronic means, the impact of government's health care reforms and policies on the development of the radiological profession, and public-private interface and sharing of information for improving patient care. ✍

## Proton Therapy Symposium, 23<sup>rd</sup> October 2013

**Dr. Florence S.T. Mok**, Prince of Wales Hospital

The Proton Therapy Symposium was successfully held on 23<sup>rd</sup> October 2013 at Department of Clinical Oncology, Queen Elizabeth Hospital. We were honoured to have an external speaker, Dr. Tony Wong (Director of Medical Physics, Seattle Cancer Care Alliance Proton Centre), and three local speakers, Dr. Vincent Lee (Associate Consultant, Department of Paediatrics, Prince of Wales Hospital), Dr. Michael Kam (Consultant, Department of Clinical Oncology, Prince of Wales Hospital) and Dr. Y.T. Fu (Senior Medical Officer, Department of Clinical Oncology, Queen Elizabeth Hospital) to share with us the latest news of proton therapy treatment. More than 100 local participants, including doctors, nurses, physicists and radiation therapists, joined the event.

The symposium started with Dr. Vincent Lee's talk on the overview and management of different paediatric malignancies and the associated most up-to-date treatment in Hong Kong, enlightening us on the area of paediatric oncology. Dr. Michael Kam gave us a talk on the role of radiation therapy in various CNS malignancies and paediatric Hodgkin's disease, related radiation techniques and its associated late/long term side effects. Dr. Y.T. Fu then shared with us the QEH experience in tomotherapy in

paediatric cancers and nasopharyngeal cancer. Dr. Fu not only discussed the excellent dose conformity for tumour and sparing for organs-at-risk, but also shared with the audiences about the difficulties involved in on-board image treatment verification, suggesting the need for careful case selection.

The highlight of the symposium was the talks delivered by Dr. Tony Wong. He first compared the efficacy of IMRT and proton therapy in treating paediatric and cranial based cancers. The dose fall-off at important organs-at-risk, such as brain stem, works excellently with proton therapy. He then shared his experience in setting up a new proton therapy centre, followed by a fruitful discussion on the timing for Hong Kong to set up her own proton therapy centre. Many of the panel members and audiences agreed with the clinical roles of proton therapy in certain malignancies such as skull base tumour and paediatric brain tumours. However, there could be a danger of overusing proton therapy for some cases, such as prostate cancers. Hong Kong Sanatorium & Hospital is planning to set up her own proton therapy machine in the coming future. Public-private collaboration in this area definitely warrants further discussions in the near future. ✍

# The 20<sup>th</sup> Chinese Congress of Radiology 2013, Xian, China 17<sup>th</sup>-20<sup>th</sup> October 2013

**Dr. Sunny Tse**, Queen Elizabeth Hospital, **Dr. Chris Wong**, Kwong Wah Hospital

The 20<sup>th</sup> Chinese Congress of Radiology (CCR) 2013, the 'RSNA of the East', was jointly organized by the Chinese Medical Association and the Chinese Society of Radiology, and hosted by the Shaanxi Medical Association and Shaanxi Society of Radiology. This year CCR was held at Shaanxi Hotel in Xian, the capital of Shaanxi Province, from 17<sup>th</sup> to 20<sup>th</sup> October 2013.

Dr. Lilian Leong, our Founding President and Immediate Past President of Hong Kong College of Radiologists and the Honorary Member of Chinese Society of Radiology, and Dr. Ivan Wong were the guests of honour of this Congress. To enhance communication among the young radiologists in the Chinese Society of Radiology and our College, Dr. Chris Wong and Dr. Sunny Tse were the delegates from our College to participate in this big event in the Chinese radiology field.

As said, CCR is the annual meeting of the Chinese Society of Radiology. About 15000 radiologists, radiographers, physicists, clinicians and other professional staff from all over China, as well as a number of overseas speakers and delegates, participated in this meeting. Apart from the keynote lectures, subspecialty-related lectures and workshops, and presentations, there were exhibitions and booths displaying the state-of-the-art equipment and technology.

Shortly after arrival on 17<sup>th</sup> October, we were invited to attend the President's Reception, held at the ballroom of Shaanxi Hotel. Professor Xiaoyuan Feng, the Chairman of CCR 2013 and Chairman of the Chinese Society of Radiology, hosted this welcoming dinner with the overseas delegates, namely

Professor Vincent Chong from the National University of Singapore, Dr. Rajesh Kupar from the Indian Radiological and Imaging Association, and Dr. Langer Mathias from the University of Freiburg. Bottle gourd chicken, walnuts kernels, mutton soup, and pastry were just a few examples of the traditional Shaanxi cuisine at the dinner reception.

The opening ceremony was held at the Grand Hall, which accommodated about 4000 participants. This year, the theme was 'Medical Imaging Quality Control and Safety'. Professor Feng delivered his keynote lecture on 'Quality and Safety in radiology', highlighting the current management mode in radiology in Huashan Hospital affiliated to Shanghai Fudan University. Professor Lawrence Lau, from the International Radiology Quality Network, gave his lecture on 'Radiological Quality and Safety: Emerging Challenges and Improvement Opportunities', with the special focus on the delivery of high-quality radiology services in the era of medical advances and radiation protection. In alignment with international collaboration, the keynote lectures were held with the visual aid displayed in both Chinese and English languages. A series of keynote lectures by world-renowned speakers had led us through a journey of recent development and future trend of radiology services.



From left to right: Dr. Sunny Tse, Dr. Chris Wong, Dr. Lilian Leong and Dr. Ivan Wong in the President's Reception.



The overview of the Grand Hall of the Xian Hotel, where the opening ceremony and keynote lectures took place.



Journey of radiology development in China



From left to right: Dr. Langer Mathias, Dr. Ivan Wong, Dr. Lilian Leong and Professor Dong Wook Sung at the Opening Ceremony.



Dr. Ivan Wong at his lecture on 'Neuroradiology – Looking beyond the visual percept'. Dr. Ivan Wong and the chairperson Dr. Li Meng Hua.



Delegates from Hong Kong and China at the dinner reception by STAR (Specialized Training in Advances in Radiology).

In recognition of the collaboration between the Chinese Society of Radiology and Hong Kong College of Radiologists, Dr. Lilian Leong was the honored guest of the Chinese Congress of Radiology every year, establishing the friendship and collaboration between the two regional professional bodies. This year was not an exception. Dr. Leong represented radiologists from Hong Kong, and presented a souvenir to Professor Feng during the opening ceremony. Dr. Lilian Leong also invited Professors Xingqing Jiang and Zaiyi Liu, from the Guangdong Society of Radiology, to visit our 21<sup>st</sup> Annual Scientific Meeting of Hong Kong College of Radiologists 2013.

Following the keynote lectures were the 2-day subspecialty lectures and proffered paper presentations. There were numerous concurrent sessions held in different lecture halls and ballrooms. Dr. Ivan Wong delivered his informative and inspiring lecture on 'Neuroradiology – looking beyond the visual percept', giving the audience a glimpse into the recent advances on neuroradiology, including diffusion tensor imaging. Apart from the lectures, one of the exciting events in CCR was YCR-RSNA (Young Chinese Radiologists-Radiological Society of North America) abstract presentation competition sponsored by General Electric (GE)

corporation. High-quality abstracts of oral presentation, scientific poster and education exhibition, accepted for presentation in the coming annual meeting, RSNA 2013, were presented in this congress, competing for outstanding awards. Each participant was given 7 minutes for oral presentation, and another 3 minutes for questions, according to the instructions from RSNA. The novelty, diversity and quality of the proffered paper gave the audience a vivid impression on the advancement of medical research in China.

The visit to this Great Ancient Capital of China had been a fruitful trip. The tremendous growth and rapid development of radiology in China, particularly on medical education, safety and quality assurance, as well as radiation awareness, had deeply impressed us. The Chinese Congress of Radiology 2013 had provided a platform for both young and experienced radiologists from China and all over the world to share their knowledge and experience, and enhance collaborations between different centres. We would like to take this opportunity to express our heartfelt gratitude to the organizing committee, the Chinese Medical Association and the Chinese Society of Radiology, and most importantly, our College and Dr. Lilian Leong for organizing the visit to CCR 2013. ✍

## Meeting with The Royal College of Radiologists (RCR) Officials & Examiners, 1<sup>st</sup> November 2013

On 1<sup>st</sup> November 2013, our College Council held a meeting with the RCR Officials and Examiners including Dr. Giles Maskell (President of RCR), Prof. Duncan Ettles (RD Senior Examiner of RCR), Dr. Peter Bliss (CO Senior Examiner of RCR), Dr. Christopher David George (RD Examiner of RCR) and Dr. Chris Baughan (CO Examiner of RCR) in Bayview room, 2/F, Hong Kong Country Club, Hong Kong. During the meeting various matters with collaboration between RCR and HKCR were reported and discussed, including the



*Back row (from left to right): Dr. Chan Tze Mun, Dr. Wong Yiu Chung, Dr. Poon Wai Lun, Dr. Anne Lee, Dr. Lam Hon Shing, Dr. Ngai Wai Tat, Dr. Wong Kam Hung  
Front row (from left to right): Dr. Christopher David George, Prof. Duncan Ettles, Dr. Lilian Leong, Dr. Law Chun Key, Dr. Giles Maskell, Dr. Peter Bliss, Dr. Chris Baughan, Dr. Jennifer Khoo*

Joint Final Examination of Fellowship 2013, the changes of examination format 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. Maskell 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. ✍

# 5<sup>th</sup> Joint Scientific Meeting of The Royal College of Radiologists & Hong Kong College of Radiologists and 21<sup>st</sup> Annual Scientific Meeting of Hong Kong College of Radiologists, 2<sup>nd</sup>-3<sup>rd</sup> November 2013

**Dr. Catherine W.S. Wan,** Tuen Mun Hospital



People say, when attending any scientific meeting, it is worth the time when one can walk away with having listened to a couple of outstanding lectures and having gleaned a couple of new ideas for his/her own research and work. By this criterion, the 5<sup>th</sup> Joint Scientific Meeting of the Royal College of Radiologists & Hong Kong College of Radiologists and 21<sup>st</sup> Annual Scientific Meeting of Hong Kong College of Radiologists at the Hong Kong Academy of Medicine Jockey Club Building on 2<sup>nd</sup> and 3<sup>rd</sup> November 2013 was an outstanding success. This year, the programme focused on Women's Imaging, Breast & Gynaecological Diseases, in both diagnoses and management, Emergency Radiology and Palliative Medicine.

The programme started with proffered papers presentations. This year there were 32 oral presentations and 48 posters. It was then followed by keynote lectures – all conducted by speakers with a well balanced mix of science, vision and humour. Our multidisciplinary symposium consisted of several inspiring and generous presentations delivered with sincerity. Interaction of multiple disciplines made these meetings especially stimulating.

Memorable moments included laughters in our lunch symposium with Dr. Lilian Leong's interactive demonstration on the usage of our meeting's bag, which you should know what it was (smile), the happy faces in the prize presentation on Sunday and the crowds of excited trainees queuing up for the film quiz.



As a member of the Publication subcommittee of the scientific meeting, I would like to take this opportunity to thank everyone for their wonderful support and appreciation of our work, including the leaflets, banners, posters and the programme books etc. I hope the flower window frame had led you to new knowledge and ideas, and the tinge of femininity in our design had reminded you of the theme of our scientific meeting. ✍️

# The 13<sup>th</sup> Joint Ceremonies for Admission of New Fellows of The Royal College of Radiologists & Hong Kong College of Radiologists, the 14<sup>th</sup> Ho Hung Chiu Lecture and Dinner of the Colleges, 2<sup>nd</sup> November 2013

Dr. Catherine W.S. Wan, Tuen Mun Hospital



A perfect sun setting over the south of Hong Kong, gentle breezes and light refreshment with a mixture of Chinese and western style, you have the setting for a highly successful ceremony, lecture and dinner at the Run Run Shaw Hall of HKAM Jockey Club Building. On 2<sup>nd</sup> November 2013, the evening started off with the Joint Ceremonies for the Admission of New Fellows of the Royal College of Radiologists & Hong Kong College of Radiologists.

Professor Byung Ihn Choi, MD, PhD, who is an internationally renowned radiologist serving Radiology for over 30 years with outstanding contribution and achievements, was admitted to the Honorary Fellowship of Hong Kong College of Radiologists. Successful candidates at the October 2013 Joint Final Fellowship Examination and 2013 Exit Assessment of the HKCR were admitted as new Fellows.



Dr. Wan Wing Suet, Catherine was awarded the Rohan Williams Medal for the 2012 Joint Final Fellowship Examination in Clinical Radiology, while the medal for the 2012 sitting for the Joint Final Fellowship

Examination in Clinical Oncology was awarded to Dr. Cheung Ka Wai, Alice.



This year, Dr. Ko Wing Man, BBS, JP, Secretary for Food and Health, HKSAR, delivered the 14<sup>th</sup> Ho Hung Chiu Lecture entitled "Combatting Cancer- A Public Health Mission". He gave an intellectual and scientific



depth and gravitas to the meeting. It was then followed by the Dinner of the Colleges, where our renowned photographers were out in force to record the occasion. You can appreciate just how much our distinguished guests, colleagues, families and friends were enjoying themselves. What a youthful and attractive bunch we were! ✍

# List of Awards

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

### Dr. CHIANG Jeanie Betsy

Department of Radiology & Imaging, Queen Mary Hospital  
“Hybrid procedure: Mid term results of a novel treatment for head and neck vascular malformation”

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

### Dr. MUI Wing Ho

Department of Clinical Oncology, Tuen Mun Hospital  
“Whole brain radiotherapy and simultaneous integrated boost for selected patients with brain metastasis, Tuen Mun Hospital experience”

## The Hong Kong Society of Nuclear Medicine Award for Best Paper in Nuclear Medicine:

### Dr. WONG Sze Chun

Department of Nuclear Medicine, Pamela Youde Nethersole Eastern Hospital  
“18F-FDG PET-CT dual time-point detection of hepatic metastases”

## The Young Presenter’s Award

### Radiology Stream

#### Dr. TEE Man Fai Lawrence

Department of Radiology, Kwong Wah Hospital  
“Ultrasound-guided percutaneous radiofrequency-assisted breast excision to remove en bloc specimens – Five years’ experience”

### Clinical Oncology Stream

#### Dr. NYAW Shi Feng

Department of Clinical Oncology, Tuen Mun Hospital  
“Chemoradiotherapy in stage III non-small cell lung cancer: Analysis of treatment outcome in a single institute”

### Nuclear Medicine Stream

#### Dr. WU Kwan Kit

Department of Nuclear Medicine, Queen Elizabeth Hospital  
“Incidence of focal pituitary uptake in 18F-FDG PET/CT and its clinical impact: Local experience in a single center”

## The HKSDR Trust Fund Award for the Best Radiology Poster:

### Dr. SHIN Ji Hoon

Department of Radiology, Asian Medical Center, Korea  
“Preliminary experience of pedal and intranodal lymphangiogram for lymphatic leakage control”

## Best Original Paper of Hong Kong Journal of Radiology:

### Dr. LEE Ka Lok Ryan

Department of Imaging and Interventional Radiology, Prince of Wales Hospital  
“Computer-aided assessment of spinal inflammation on MR in spondyloarthropathy”

## Best Original Article of Hong Kong Journal of Radiology (Volume 15):

### Dr. CHENG Hoi Ching

Department of Clinical Oncology, Queen Elizabeth Hospital  
Volume 15 Number 1, “Concurrent Cetuximab and Radiation Therapy in Patients with Locoregionally Advanced Head and Neck Cancer”

## Best Case Report of Hong Kong Journal of Radiology (Volume 15):

### Dr. CHIK Yin Kwan

Department of Clinical Oncology, Queen Elizabeth Hospital  
Volume 15 Number 3, “Late Isolated Regional Lymph Node Recurrence of Dermatofibrosarcoma Protuberans of the Abdominal Wall”

## Film Quiz Prize:

1. TAM Ka Ying (NDH)
2. LEUNG Siu Ting (PYNEH)
3. Shiobhon LUK (PYNEH)

# 12<sup>th</sup> Journées Francophones d'Imagerie Médicale in Hong Kong, 7<sup>th</sup> -10<sup>th</sup> November 2013

Dr. Shiobhon Luk, Dr. Sherwin Lo, Pamela Youde Nethersole Eastern Hospital



The Journées Francophones d'Imagerie Médicale (JFIM) is a yearly international radiological meeting which is held in a different country each year. With the collaboration between JFIM and the Hong Kong College of Radiologists, and with the support of the European Cancer Prevention Organization and the French Society of Radiology, the 12<sup>th</sup> JFIM was held successfully in Hong Kong on 7<sup>th</sup> – 10<sup>th</sup> November 2013.

The meeting program received excellent feedback from the participants with a wide range of topics in various radiological subspecialties. The first day featured lectures in musculoskeletal imaging and neuroradiology. The second day focused on liver, gastro-intestinal imaging and breast imaging. The last day included sessions on cardiac, thoracic and urogynecology radiology. The meeting provided the opportunity for participants to learn more about the major development in various radiological subspecialties.

There was an exciting quiz game during lunchtime over the 3 days in which participants were shown interesting cases in

various radiological subspecialties. In a spirit to promote cultural exchange, there were also quizzes on French paintings, French historic cities, vineyard and castles. One of the highlights in the quiz game was certainly the quiz on wine tasting in which participants learnt a lot about wine, the art of wine appreciation and wine culture from our French colleagues.



Throughout the 3 days, participants had the wonderful opportunity to learn more about the latest discoveries and techniques in various radiological subspecialties. This meeting was indeed a valuable experience, both in the interflow of professional knowledge, in establishing friendship and cultural exchange between our French colleagues and other colleagues around the world. ✍

# The 2013 Training Course on Non-Vascular Intervention

Dr. Alvin Y.H. Wan, Pamela Youde Nethersole Eastern Hospital



The 2013 Training Course on Non-Vascular Intervention, co-organized by Hong Kong College of Radiologists and the Hong Kong Society of Interventional Radiology, was successfully held in Department of Radiology of Pamela Youde Nethersole Eastern Hospital on 23<sup>rd</sup> November 2013. Thirty-five enthusiastic radiologists participated in the course.

The course began with various comprehensive lectures which equipped participants with basic but important knowledge as well as practical tips on interventional radiology. Dr. Warren Leung (Pamela Youde Nethersole Eastern Hospital) talked on 'Principles of image-guided non-vascular interventional procedures', Dr. Sandas Chou (Queen Elizabeth Hospital) talked on 'Biliary interventions' and Dr. Hin-Yue Lau (Queen Elizabeth Hospital) talked on 'Image-guided drainage procedures'.

The lectures were followed by small-group hands-on workshops and a demonstration station. Emphasis was put on ultrasound guided non-vascular interventions and the participants were given ample hands-on opportunities to try different simulated biopsy procedures on manikins under the guidance of tutors. A demonstration station was set up for the participants to have a closer look with in-depth understanding of various instruments and catheters employed in these non-vascular procedures.

The feedback of the course was very good. Basic trainees found the course very useful in giving them an overview of non-vascular interventional procedures and stimulating their interest in interventional radiology. Higher trainees highlighted their satisfaction in the practical hands-on experience with different instruments in the workshops, which equipped them with greater confidence before performing cases on patients in daily practice.

Overall, everyone enjoyed the occasion with great enthusiasm. We believe this course laid a solid foundation for trainees in the field of interventional radiology and we look forward to have more similar training courses in the future. ✍



# International Day of Radiology – IDoR 2013

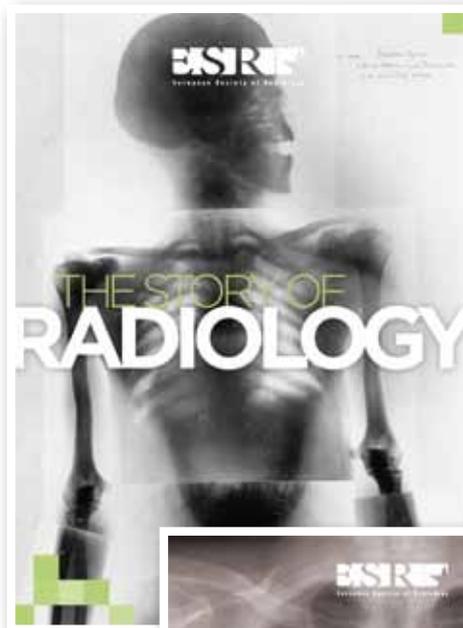
## An initiative of the ESR, RSNA and ACR



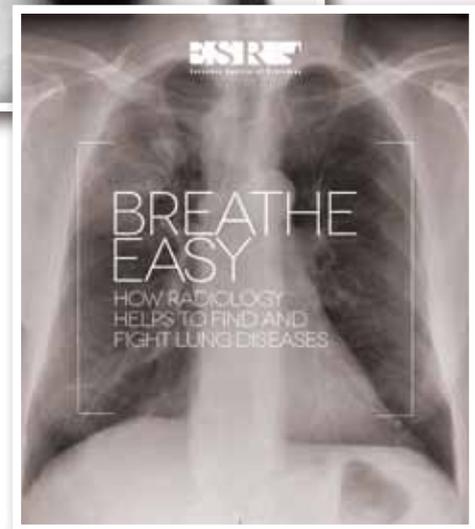
This year, on November 8, the **European Society of Radiology (ESR)**, the **Radiological Society of North America (RSNA)** and the **American College of Radiology (ACR)** celebrated the **second International Day of Radiology (IDoR 2013)**, with radiological societies the world over, including Hong Kong College of Radiologists. This follows the successful first International day of Radiology in 2012, which was held with the aim of building greater awareness of the value that radiology contributes to safe patient care, and improving understanding of the vital role radiologists play in the healthcare continuum.

**November 8, the day that Wilhelm Conrad Röntgen discovered the existence of x-rays in 1895**, was chosen as a day of action and awareness. **Lung imaging** had been chosen as the main theme of the day, to highlight the important role that radiology plays in the detection, diagnosis and management of a wide variety of lung diseases. A special booklet on lung image is being produced especially for IDoR 2013 which is written by the European Society of Radiology (ESR) and the European Society of Thoracic Radiology (ESTI). A second booklet, on the story of radiology has been produced in cooperation with the International Society for the History of Radiology.

The day was a **joint initiative** of the ESR, the RSNA and the ACR, with the full cooperation and involvement of the International Society of Radiology (ISR), as well as umbrella organisations on all continents, including the Asian Oceanian Society of Radiology (AOSR), the Colegio Interamericano de Radiología (CIR), the Royal Australian



*The Story of Radiology Volume 2)*



*Lung Imaging*

and New Zealand College of Radiologists (RANZCR), and the Radiological Society of South Africa (RSSA – which also represents neighbouring countries).

More information about the International Day of Radiology, including the booklets about lung imaging and the story of radiology, can be found on the official website at <http://internationaldayofradiology.com>.

You can also keep right up to date with the latest news by liking the International Day of Radiology Facebook page, and show your support by joining the official Facebook event page. 

# The International Diagnostic Course Davos (IDKD) in Hong Kong 'Musculoskeletal Diseases', 28<sup>th</sup> - 30<sup>th</sup> June 2014, Hong Kong



International Diagnostic Course Davos  
Excellence in Teaching

We are pleased to announce that 'Musculoskeletal Diseases', the 4<sup>th</sup> IDKD in Hong Kong will be held on 28<sup>th</sup> - 30<sup>th</sup> June 2014. This is a continuation of the organ-based series of courses offered by IDKD after "Brain, Head and Neck, Spine" in 2011, "Abdomen and Pelvis" in 2012, and "Chest and Heart" in 2013, were successfully received. Last year, with the substantial increase in the number of participants, valuable comments and feedback have been incorporated to refine the 2014 course to further enhance the learning experience. Following on from previous years, The Hong Kong College of Radiologists and the Department of Diagnostic Radiology, The University of Hong Kong, are honoured to co-organise the event.

There will be 14 workshops and 3 highlight lectures in total on medical imaging approach to the diagnosis of the musculoskeletal diseases. In each workshop, participants will be given a brief introduction of the topic, followed by a series of instructional cases which will be examined and discussed in small groups by participants and tutors.

Program details and list of speakers are as follows:

## Workshops

1. Shoulder: Instability – Michael J. Tuite (US)
2. Elbow – Michael J. Tuite (US)
3. Wrist and Hand – Robert D. Boutin (US)
4. Muscle Imaging – Robert D. Boutin (US)
5. Hip – Christian W.A. Pfirrmann (Switzerland)
6. Spine – Christian W.A. Pfirrmann (Switzerland)
7. Knee – Lawrence M. White (Canada)
8. Postoperative Knee and Shoulder – Lawrence M. White (Canada)
9. Ankle and Foot – Michael Recht (US)
10. Cartilage Imaging – Michael Recht (US)
11. Tumors – Suzanne E. Anderson-Sembach (Switzerland)

12. Arthritis – Suzanne E. Anderson-Sembach (Switzerland)
13. Metabolic/Endocrine – Bruno Vande Berg (Belgium)
14. Infection – Bruno Vande Berg (Belgium)

## Lectures

1. Functional Imaging of the Musculoskeletal System and Potential Clinical Application – James F. Griffith (Hong Kong)
2. How to integrate Western and Chinese Traditional Medicine: Special Reference to Musculoskeletal Disease and Imaging – Xiao Yuan Feng (China)
3. Overcoming Orthopedic Metallic Artifacts in MRI and CT- Jin-Suck Suh (Korea)

We would like to acknowledge the support from our main sponsor, Guerbet, as well as other sponsors GE, Philips and Bracco; without their ongoing generosity, we would not be able to continue to develop this event year on year.

For more information and registration, please visit the website: [www.idkd.org](http://www.idkd.org)

**We look forward to seeing you at the 4<sup>th</sup> IDKD in Hong Kong!**

Yours sincerely,

**Pek-Lan Khong**

Professor and Head  
Department of Diagnostic Radiology  
The University of Hong Kong  
Local Board of IDKD, Hong Kong

# RSNA Honorary Membership 2013

**Dr. Anne Lee**, Vice President, Hong Kong College of Radiologists



*From left to right: Dr. Lilian Leong and Dr. Anne Lee at RSNA 2013*

The award of Honorary Membership by the Radiological Society of North America is an overwhelming honor that is beyond my wildest dream. Dr. Lilian Leong, our Founding President, is the first one from Hong Kong who has ever been given this award for her enormous contribution to radiology; I am thrilled and humbled to receive this honor.

This most prestigious award signifies the recognition of the works contributed not only by me, but all the colleagues dedicated to the study of nasopharyngeal cancer from Hong Kong. During the past 30 years the age-standardized incidence rate of nasopharyngeal cancer in Hong Kong has decreased by over 50% and the mortality rate has further decreased by over 60%, as the cancer-specific survival rate increased from 50% to 85%. These astounding results are the hard-earned achievements by all health professionals dedicated to this fascinating cancer, the pride and the honor belongs to all.

Reflecting on my professional development, I would not have succeeded if I do not have the great fortune of standing on the shoulder of giants. My first boss and mentor, Dr. John H.C. Ho, was the greatest pioneer on nasopharyngeal cancer, my foundation was built on his teachings and his foresights. Like all my predecessors, I had my advanced training in the United Kingdom; my clinical attachment at the Royal Marsden Hospital (London) was a most valuable experience to consolidate my knowledge. In addition, I was the first oncologist from Hong Kong who received additional training in North America. I got this

extraordinary opportunity because of a totally unexpected offer of scholarship. My heartfelt gratitude for this enormous gift is a constant driving force to always try to be a better doctor and to stay in public services so that I can serve more patients, rich and poor. From the great masters at Stanford University in the States and Princess Margaret Hospital in Canada, I learnt not only the best knowledge of cancer treatment, but the North American spirit of vigorous research to explore new frontiers.



*From left to right: Dr. Anne Lee, Dr. John H.C. Ho and Dr. Lester Peters*

My journey in research and patient services in public hospitals has been most gratifying. Along the journey, I have the great privilege of meeting so many mentors and friends that it is impossible to name them all, but I would like to express my special gratitude to Dr. Saul Rosenberg, Dr. Sarah Donaldson and Dr. Kian Ang from the United States, Dr. Jack Fowler, Dr. Ann Barrett and Dr. Robin Hunter from the United Kingdom, Dr. Lester Peters from Australia, Dr. Mary Gospodarowicz and Dr. Brian O'Sullivan from Canada, and last but not least, Dr. Lilian Leong, our Founding President. All these mentors help me to develop our works with a global perspective. It is their inspiration and encouragement that give me the strength to persevere even through the darkest moments.

Most important of all, I wish to dedicate this award to my parents and my loving sister and brother, who strived so hard to give me the best opportunity in life.

I earnestly hope that this honor can also be a stimulation to the young Fellows and Members of our College, and many more colleagues from Hong Kong will receive this or even greater honor in the future. ✍

# Tribute to Professor William S. C. Hare

## 30<sup>th</sup> October 1923 - 31<sup>st</sup> May 2013

**Dr. Lilian Leong**, Founding and Immediate Past President of Hong Kong College of Radiologists



*From left to right: Prof. Bill Hare, Dr. Lilian Leong and Prof. Ken Thomson at AOCR 2012 (Photo courtesy of The Royal Australian and New Zealand College of Radiologists)*

The passing of Professor William Hare is a great loss to radiology, especially for the Asian Oceanian countries. He is greatly respected not only in his homeland Australia but internationally. He is well renowned for his work in promoting radiology education and development in the region. It was his vision that ultimately led to the formation of the Asian Oceanian Society of Radiology (AOSR) in late 1960s.

He was aware that there was a need to develop closer ties between radiologists in the various nations of Asia and Oceania, not only for providing opportunities to learn from one another but more importantly, to contribute towards furthering harmonious regional and international relationships. After soliciting opinion from 13 constituent nations/territories and together with a few national leaders including Professor John H C Ho from Hong Kong, in drafting the Statutes, the Asian and Oceanian Society of Radiology was formed in October 1969. In 1971, the first Asian-Oceanian Congress of Radiology (AOCR) took place in Melbourne, Australia when Professor Hare was elected as the Founding President. Ever since, AOSR, as the regional body, and AOCR, as the regional radiological congress, are both pivotal in the development of radiology and proliferation of different radiological specialties of different countries in the region.

Many of our Hong Kong radiologists knew him well and are his friends. For myself, I first met Professor Hare in the 4<sup>th</sup> AOCR in 1983 in Bangkok. I found him very

approachable and kind. Despite of me being a junior radiologist, Professor Hare was always patient with me and taught me many facets to be a good radiologist especially the importance of radiological education and international exposure. However, it was during the following 5<sup>th</sup> AOCR in Seoul that I got to know him more closely when I participated in the AOSR Executive Council meetings.

Professor Hare really impressed me with his vision, his zest and his efforts in uniting all for the advancement of the science and the knowledge in radiology. Apart from organizing and attending the regular meetings and congresses, he also put much effort into good communication and keeping up to date with the developments in our profession. With the support of a sponsor, Professor Hare started the publication of the AOSR Bulletin in 1979. The Bulletins were sent to all Member Societies and their members. These were indeed hard work in those days. His leadership is much respected and the success of AOSR owes much to his steering and contributions.

Professor Hare had never ceased his work and enthusiasm in AOSR and in radiology. In fact, when I attempted to write up a short history of AOSR, he immediately helped me out, especially regarding the part on the formative stage. His contributions to the booklet (History of AOSR at a glance 1969-2011, [www.theaosr.org](http://www.theaosr.org)) were essential without which, the book could not have been completed and for that, I am always grateful to him.

I am sure that he was very happy for the 14<sup>th</sup> AOCR 2012 in Sydney last year, to be back once again to Australia after 41 years, bearing witness to the rapid development of radiology and technology in our region, the success of AOSR/AOCR and to see his dreams come true. And he should be proud to see the florid proliferation of different disciplines in the profession, the harmonious intellectual exchanges under this regional society he established and the many renowned professionals and radiological leaders now in research and in practice.

Professor William Hare will be dearly missed, especially by the radiologists in the region. He will always be remembered as the visionary leader who steered the directions and effected the successes of radiology for the benefits for all. ✍

**Dr. Shiobhon Luk**, Pamela Youde Nethersole Eastern Hospital

This is the second issue of a series called “Looking back: Highlights from the History of Radiology”. In this issue, we will present the history of one of the most widely used radiological diagnostic tool – ultrasound. We will illustrate the evolution of ultrasound from the early SONAR system used by submarines to the foremost ultrasound technology.

### **Part 2: The story of ultrasound**

#### **The birth of ultrasound**

It is not easy to name one person in the history of radiology as ‘the inventor of ultrasound’ as numerous scientists and radiologists had contributed to the development of what we understood today as ‘ultrasound’.

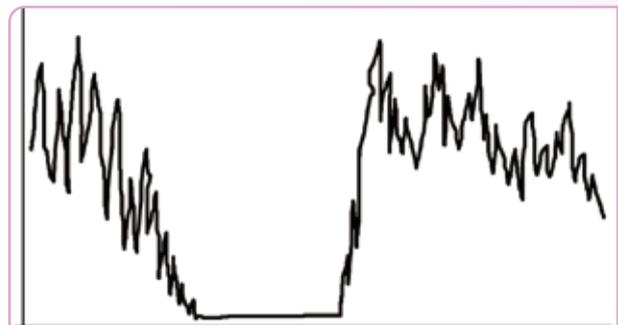
The story of ultrasound began when scientists became interested in studying the fundamental physics of sound vibrations, propagation and refraction in the 1800’s. One of the early experiments was conducted by a Swiss physicist, Jean-Daniel Colladon. He used an underwater bell to determine the speed of sound in the water in Lake Geneva. Two Austrian physicists, Christian Doppler and Buys Ballot, discovered and proved the Doppler Effect of sound waves in 1845. This contributed significantly to the future development of ultrasound. In 1876, an English scientist, Francis Galton, successfully invented a whistle producing ultrasound, called the Galton whistle.

In 1880, Pierre Curie and his brother Jacques Curie discovered that electric potential would be produced when mechanical pressure was exerted on a quartz crystal, known as the piezoelectric effect. The opposite of which was mathematically deduced from thermodynamic principles by physicist Gabriel Kippman in 1881. These formed the basic principles of development of ultrasound transducers. After the Titanic sank in 1912, scientists began developing an ultrasonic underwater detection system for detecting icebergs. The SONAR (Sound Navigation and Ranging) system was later developed for submarine underwater navigation in World War I to detect submerged enemy submarines. This newly developed ultrasound technology was soon applied to industrial purposes, including the detection of flaws in metals.

#### **Early clinical application of ultrasound**

Doctors began using the heating and disruptive effects of ultrasound for various physical therapies. In the 1920s and 1930s, ultrasound was used as antidotes for various conditions, including arthritic pain, gastric ulcers, eczema and carcinoma. It was also used for sterilization of vaccines.

The medical community soon realized the diagnostic potential of ultrasound. In the 1930s, Dr. Karl Theo Dussik, a neurologist and psychiatrist at the University of Vienna and his brother Friederich, a physicist, began using ultrasound to locate brain tumors by sending an ultrasound beam through the skull, producing A-mode images. An A-mode image, amplitude modulation, is a one-dimensional image displaying the amplitude of the returning echo signals along the vertical axis and the distance from the transducer along the horizontal axis. Many of the earlier medical applications of ultrasound were mainly for the detection of foreign bodies and tumors.

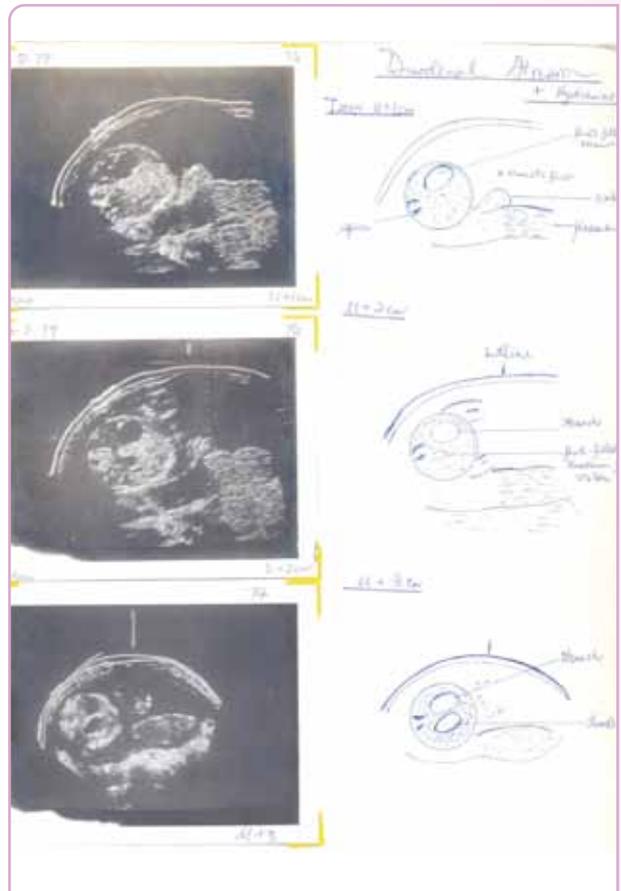


*A schematic diagram of an A-mode trace. The vertical axis represents the echo intensity and the horizontal axis represents the depth. The depth from which no echoes were received corresponds to fluid space and the depths with echoes of varying intensities represent tissues superficial and deep to this fluid space.*

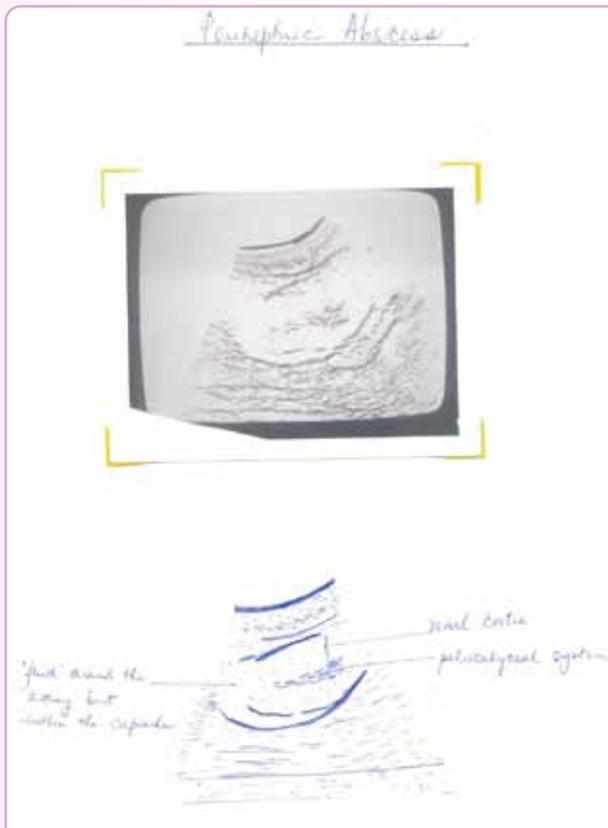
Diagnostic ultrasound rapidly expanded into routine clinical use, particularly in the field of cardiology, obstetrics and gynecology. Professor Ian Donald and his colleagues, working at the University of Glasgow, were the first few to apply ultrasound as a diagnostic modality in the field of obstetrics and gynecology. Their team found that A-mode scanner was useful in distinguishing between ascites and various gynecological tumors based on their echo patterns. A-mode transvaginal ultrasound transducers, transrectal

scanning devices were also invented in the 1950s and 1960s.

In the late 1940s and 1950s, various scientists and radiologists, including Professor Ian Donald, Dr. Douglas Howry, Dr. John Wild and engineer John Reid, contributed to the development of the B-mode scanner. A B-mode image, brightness modulation, is an image displaying the intensity of a returning echo by varying the brightness of a dot. A B-scan, also called an articulated arm scanning or static scanning, is a technique that could display body structures in a 2-dimensional and cross-sectional manner that was comparable to actual cross-sectional gross sectioning of structures in the pathology laboratory. As the B-scan transducer is moved across the body, information of the strength of the returned echo and its positional information are recorded, producing a two-dimensional image of the body. A B-scan image takes about 15 to 45 seconds to create. With the use of a B-scanner, a large field of view can be examined and a complete contour image of the body can be produced.



Ultrasound images of the abdomen and fetus obtained by using an articulated arm static scanner(B-Scan) from Ultrasound Museum, Queen Mary Hospital. Case performed and illustration done by Dr. Lilian Leong in 1979 in QMH.



In the early years, patients were required to be at least partially immersed in water to produce a 2D ultrasound image and the scanning equipment was very large. Patients had to remain motionless for a length of time during scanning. The early B-scanners were described to be large enough to fill a room measuring 12 feet by 12 feet. Early articulated arm B-scanners had large transducer scan heads and heavy cables. The transducer was attached to a fixed gantry and moved around the patient manually. One such type of early scanner was called a 'pan-scanner' which was developed in 1957. In this scanner, the patient was required to sit on a modified dental chair strapped against a plastic window of a semicircular pan filled with saline solution, while the transducer rotated through the solution in a semicircular arc during scanning.

Another innovation was the utilization of the Doppler principle in diagnostic ultrasound since the mid-1950s, allowing blood-flow to be assessed as well as anatomy. ‘Real-time’ ultrasound machines were introduced in the late 1970s. The majority of the scanners in the 1970s used analogue compound images. High-resolution real-time scanners appeared in the mid-1970s. With the invention of transistors and integrated circuitry in the 1980s, it became possible to build smaller probes and image resolution improved significantly.



*Spectral Doppler examination of the carotid artery, a relatively common ultrasound examination technique in the modern era.*

### Early history of ultrasound in Hong Kong

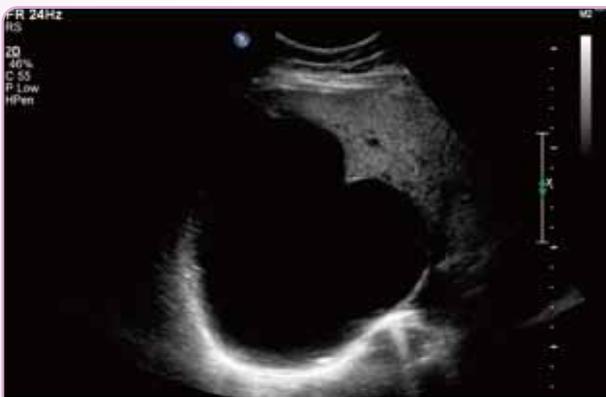
The acquisition of ultrasound equipment and technology had been rapid in Hong Kong and closely followed the paces of advancement in the international community. In 1975, the first imaging ultrasound unit (Kretz Ultrasound) was installed at Queen Mary Hospital. In 1981, the Hong Kong Sanatorium and Hospital installed the DATASON diagnostic Ultrasound Imaging system. It had static and real time modalities, and included cardiac and ophthalmic transducers. In 1983, the first ultrasound machine at Kwong Wah Hospital was installed. In the following year, an ultrasound machine was procured in Pok Oi Hospital and it was the first hospital in Hong Kong to provide transrectal ultrasound examination. Ultrasound service began in 1985 in United Christian Hospital.



*A first generation real-time mechanical transducer used in Tsan Yuk Hospital in the 1980s. (Photo courtesy of Ms. Christina Lam, Department of Radiology, Queen Mary Hospital)*



*Ultrasound examination of the abdomen in the early 1980s. (Courtesy of Ms Christina Lam, Department of Radiology, Queen Mary Hospital)*



Ultrasound examination of the abdomen in the late 1990s (left) and in the early 2010s (right). Spatial and contrast resolution, background noise reduction were improved in the recent decades.

### The modern era

In these few decades, ultrasound image quality has improved with better resolution, higher contrast and lower noise. The Doppler sensitivity has also improved. One of the several recent innovations is the development of smaller ultrasound probes which could be placed closer to the region of interest thus producing high resolution images, such as the rectal probe and transvaginal probe. Smaller probes could be incorporated in the endoscope, allowing better assessment of various organs including the pancreas, esophagus and the heart. In the 1990s, three-dimensional and real-time four-dimensional ultrasound became available, producing excellent images of complex structures, such as the fetal face. Elasticity imaging is another more recent imaging method that has been applied to examination of various organs including the liver.

One other important development in ultrasound has been the introduction of microbubble contrast. It could help demonstrate tissue perfusion and bleeding sites. It could also demonstrate the temporal filling patterns of various lesions such as liver tumors. Ultrasound also has an important role in tissue ablative therapy in the recent years, helping to heat and coagulate lesions in different parts of the body.

The development of ultrasound is one of the many inspiring chapters in the story of radiology. The evolution of ultrasound from the early SONAR system to the state-of-the-art ultrasound technology in the modern era has been dependent on many people who demonstrated enthusiasm, intense passion and scientific skills. In the next issue, we will present other important milestones in the history of radiology. Stay tuned! 

#### Reference:

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*Röntgen Centenary Congress & the Hong Kong College of Radiologists Third Annual Scientific Meeting booklet*

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Roger C. Sanders et al. *Clinical Sonography A Practical Guide.* Boston/Toronto: Little, Brown and Company, 1984.

# Dinner with our Honorary Legal Advisor, Honorary Auditor Associates and Hang Seng Investment Management Limited (HSVM), 16<sup>th</sup> December 2013

**Dr. Tong Cheuk Man**, Honorary Treasurer of Hong Kong College of Radiologists



*Back row (from left to right): Ms. Karen Law, Dr. Wong Kam Hung, Dr. Ngai Wai Tat, Dr. Wong Yiu Chung, Dr. James Chan, Dr. Danny Cho  
Front row (from left to right): Dr. Tong Cheuk Man, Dr. Lilian Leong, Ms. Pammy Fung, Mr. Andrew Fung, Dr. Law Chun Key, Mrs. Mabel Lui, Ms. Penny Chan, Mr. Arthur Liu*

As a token of appreciation to the expertise financial planning and investment advice to our College, a dinner was organized on 16<sup>th</sup> December 2013 to express our gratitude to their support throughout these years.

Our honored guests in the dinner included:

<b>Mr. Andrew Fung</b>	<b>Director &amp; General Manager, Institutional Business, HSVM</b>
<b>Mr. Arthur Liu</b>	<b>Executive Vice President, Institutional Business, HSVM</b>
<b>Ms. Pammy Fung</b>	<b>Director, Crowe Horwath (HK) CPA Limited</b>
<b>Ms. Penny Chan</b>	<b>Principal, Crowe Horwath (HK) CPA Limited</b>
<b>Mrs. Mabel Lui</b>	<b>Honorary Legal Advisor, Hong Kong College of Radiologists Partner, DLA Piper Hong Kong</b>

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. 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 and our Honorary Legal Advisor Mrs. Mabel Lui and our Honorary Auditor, Mr. Charles Chan.

## Christmas Lunch with HKCR Secretariat, 14<sup>th</sup> December 2013

Council members had a delicious Christmas buffet lunch with HKCR secretariat on 14<sup>th</sup> December 2013 to thank our Secretariat for all the help and contribution in this past year. Everyone enjoyed the big feast and also the joyful atmosphere too.



*Back row (from left to right): Dr. Ngai Wai Tat, Dr. Tong Cheuk Man, Dr. Poon Wai Lun, Dr. Law Chun Key, Dr. Wong Yiu Chung, Mr. Wilson Tsang  
Second row (from left to right): Dr. Stephen Cheung, Ms. Candy Wong, Ms. Karen Law, Dr. Hector Ma, Dr. Lilian Leong  
Front row (from left to right): Dr. Jennifer Khoo, Miss Phyllis Wong, Ms. Winnie Ng*

# Membership List of Committees and Subcommittees 2013-2014

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Dr. CHEUNG Chi Wai, Stephen  
Prof. Ann KING  
Dr. LAU Shun, Samuel  
Dr. LAW Chun Key  
Dr. Lilian LEONG  
Dr. Francis TANG  
Dr. TONG Cheuk Man  
Dr. TUNG Yuk, Stewart  
Dr. YUEN Kwok Keung  
Dr. KWAN Chung Kong (Co-opted Member)  
Dr. LAI Kwok Chung (Co-opted Member)  
Dr. YUEN Ming Keung (Co-opted Member)

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Dr. CHAN Sze Wun, Winnie  
Dr. CHAN Tze Mun  
Dr. CHEUNG Shing Kee, William  
Dr. CHIU Sau Hin, Sonny  
Dr. IP Jing Kun, Janice  
Dr. LEE Sing Fun, Paul  
Dr. LI On Chee, Angela  
Dr. LIU King Yin, Rico  
Dr. YAU Chun Chung

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Dr. KAN Yee Ling, Elaine  
Prof. KHONG Pek Lan  
Dr. LO Shing Wai, Sherwin  
Dr. NGAI Wai Tat  
Dr. POON Wai Lun, William

Dr. WONG Chi Ping  
Dr. WONG Ka Tak, Jeffrey

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Dr. IP Jing Kun, Janice  
Dr. LAU Shun, Samuel  
Dr. LO Kit Lin, Kitty  
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Dr. MA Ka Fai, Johnny  
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Dr. HUI Pun  
Dr. KAM Koon Ming, Michael  
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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*

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Dr. LAM Hon Shing  
Dr. LAW Chun Key  
Dr. POON Wai Lun, William  
Dr. NGAI Wai Tat

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Dr. WONG Ka Yan  
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Dr. LEUNG Kwok Cheung  
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Dr. TAN Chong Boon

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Mr. Charles CHAN (Honorary Auditor)  
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Dr. WONG Cheuk Kei, Kathy

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Dr. CHAN Chi Hum, Susan  
Dr. CHAN Tze Mun  
Dr. CHAU Ming Tak  
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Dr. KAN Yee Ling, Elaine  
Dr. LAW Chun Key  
Dr. LI On Chee, Angela  
Dr. TSE Yiu Cheong  
Dr. WAI Wing Chong  
Dr. WONG Cheuk Kei, Kathy  
Dr. WONG Yuet Hung, Catherine

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Dr. YUEN Ming Keung (Deputy Editor-in-Chief)  
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Dr. POON Wai Lun, William  
Dr. WANG Ki  
Dr. WONG Chi Sing, Frank  
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Dr. LAU Shun, Samuel  
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Dr. LO Shing Wai, Sherwin  
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**VIII. Newsletter Sub-Committee**

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Dr. HO Pui Ying, Patty  
Dr. KHOO Lai San, Jennifer  
Dr. KUNG Boom Ting  
Dr. LUK Yiu, Shiobhon  
Dr. SOONG Sung, Inda  
Dr. WAN Wing Suet, Catherine  
Dr. WONG Cheuk Kei, Kathy

# 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 July 2014 and 31 December 2014

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 April 2014** 

## Membership Status

**Our College has the following numbers of members as at 17 December 2013:**

Status	Number
Honorary Fellow	14
Honorary Member	5
Fellow	441

Status	Number
Member	152
Trainee Member	40
Associate Member	1

**Total 653**

**List of Members admitted from 1 April 2013 till 17 December 2013:**

Admission date	Name	Specialty	Training Center
30 April 2013	YIP Pui Kit	CO	PMH
27 May 2013	CHENG Andrew Kai Chun	RD	QMH
27 May 2013	HO Hoi Man Connie	RD	TMH
27 May 2013	LEE Shing Fung	CO	TMH
27 May 2013	NG Tsz Yi Joyce	CO	PWH
27 May 2013	TSE Pui Ying	CO	QMH
27 May 2013	WONG Sze Chun	NM	PYNEH
27 May 2013	YIP Wing Ling Winnie	CO	TMH
25 June 2013	CHAN Chun Hin	CO	QEH
25 June 2013	FOK Leslie	CO	QEH

25 June 2013	HO Wang Kwong	CO	QEH
25 June 2013	LO Wing Sim	CO	TMH
27 August 2013	SIT Wing In	RD	UCH
27 August 2013	YEUNG Ting Yan	CO	PWH
26 November 2013	CHAN Chik Xing Jason	RD	TMH
26 November 2013	MAN Ka Yun	RD	PYNEH
26 November 2013	NG Hoi Ting Grace	RD	QMH
26 November 2013	TANG Joseph Andrew Wing Kin	RD	PYNEH
17 December 2013	LEE Kam Ho	RD	QMH
17 December 2013	WONG Stephen Ka Hon	RD	PMH
17 December 2013	YUEN Tsz Yau	RD	PWH

### List of Trainee Members admitted from 1 April 2013 till 17 December 2013:

Admission date	Name	Specialty	Training Center
30 April 2013	SIT Wing In	RD	UCH
30 April 2013	WONG Stephen Ka Hon	RD	PMH
27 August 2013	CHAN Ka Yuk	RD	TMH
27 August 2013	CHAN Siang Hua Victor	RD	QMH
27 August 2013	CHEUNG Michelle	RD	QMH
27 August 2013	LEE Ka Yin Gregory	RD	PYNEH
27 August 2013	LEE Tin Yan	CO	QEH
27 August 2013	LI Birgitta Yan Wing	RD	TMH
27 August 2013	WONG Ho Lim	RD	TMH
13 September 2013	CHAN Ting Sang	RD	PMH
13 September 2013	CHAN Wai	RD	TMH
13 September 2013	CHEUNG Wai Pan	RD	KWH
13 September 2013	CHIN Hoi Kevin	RD	PYNEH
13 September 2013	CHIN Wing Yan Thomas	RD	QEH
13 September 2013	CHONG Wing Nuen	CO	PYNEH
13 September 2013	IP Iong Iong	CO	PWH
13 September 2013	LAU On Yee Justina	CO	PYNEH
13 September 2013	LEE Ying Cheong	RD	PMH
13 September 2013	NG Yue Hinn Brian	CO	PMH
13 September 2013	SO Man Hon	RD	KWH
13 September 2013	TANG Wai Kiu	RD	PWH
13 September 2013	WONG Ka Ming	CO	PYNEH
22 October 2013	CHAU Chi Man	RD	PMH
22 October 2013	YU Wen Ming	RD	UCH
26 November 2013	CHAN Rois L.S.	RD	PMH
26 November 2013	NG Wing Kei Carol	RD	PMH
26 November 2013	WONG Wai Lam	RD	UCH

## Forthcoming Meetings in 2014

Date	Event	Venue	Venue
6-10 March 2014	European Congress of Radiology (ECR 2014)	Vienna, Austria	<a href="http://www.myesr.org/cms/website.php?id=en/ESR_ECR_news.htm">http://www.myesr.org/cms/website.php?id=en/ESR_ECR_news.htm</a>
19-21 March 2014	9 <sup>th</sup> European Breast Cancer Conference (EBCC-9)	Glasgow, Scotland	<a href="http://www.ecco-org.eu/Events/EBCC9.aspx">http://www.ecco-org.eu/Events/EBCC9.aspx</a>
21-23 March 2014	Abdominal Radiology Group Australia & New Zealand (ARGANZ) 2014	Adelaide, Australia	<a href="http://www.arganz2014.com">www.arganz2014.com</a>
23-28 March 2014	Society of Abdominal Radiology (SAR) 2014 Annual Scientific Meeting	Florida, USA	<a href="http://www.abdominalradiology.org/">http://www.abdominalradiology.org/</a>
26-29 March 2014	German Society Of Nuclear Medicine Annual Congress 2014	Hannover, Germany	<a href="http://www.nuklearmedizin2014.de/">http://www.nuklearmedizin2014.de/</a>
3-5 April 2014	Malaysian Congress of Radiology (MCoR) Incorporating 2014 Annual Scientific Meeting KSR-CoR Friendship Symposium	Putrajaya, Malaysia	<a href="http://www.radiologymalaysia.org">www.radiologymalaysia.org</a>
4-8 April 2014	33 <sup>rd</sup> Annual Meeting of European Society for Radiotherapy and Oncology (ESTRO 33)	Vienna, Austria	<a href="http://www.estro.org/congresses-meetings/items/estro-33">http://www.estro.org/congresses-meetings/items/estro-33</a>
25-28 April 2014	44 <sup>th</sup> Annual Scientific Meeting of Australian And New Zealand Society of Nuclear Medicine	Adelaide, Australia	<a href="http://www.anzsnm2014.com.au/">http://www.anzsnm2014.com.au/</a>
30 May-3 June 2014	American Society of Clinical Oncology Annual meeting 2014 (ASCO 2014)	Chicago, USA	<a href="http://am.asco.org/">http://am.asco.org/</a>
7-11 June 2014	The Society of Nuclear Medicine & Molecular Imaging (SNMMI) 2014 Annual Meeting	St Louis, USA	<a href="http://www.snm.org">www.snm.org</a>
12-14 June 2014	8 <sup>th</sup> Congress of Asian Society of Cardiovascular Imaging	Jeju, Korea	<a href="http://www.asci2014.org/">http://www.asci2014.org/</a>
25-28 June 2014	16 <sup>th</sup> World Congress of Gastrointestinal Cancer	Barcelona, Spain	<a href="http://www.worldgicancer.com">www.worldgicancer.com</a>
28-30 June 2014	4 <sup>th</sup> IDKD Intensive Course in Hong Kong	Hong Kong SAR, China	<a href="http://www.idkd.org">www.idkd.org</a>
4-7 September 2014	AIR, RANZCR and ACPSEM 2 <sup>nd</sup> Combined Scientific Meeting (AIR RANZCR ACPSEM 2014)	Melbourne, Australia	<a href="http://www.csm2014.com/">http://www.csm2014.com/</a>
9-12 September 2014	28 <sup>th</sup> International Congress Of Radiology 2014 (ICR 2014)	Dubai, UAE	<a href="http://icr2014.org/">http://icr2014.org/</a>
14-17 September 2014	56 <sup>th</sup> Annual Meeting of American Society for Radiation Oncology (ASTRO)	San Francisco, USA	<a href="https://www.astro.org/Meetings-and-Events/2014-Annual-Meeting/Index.aspx">https://www.astro.org/Meetings-and-Events/2014-Annual-Meeting/Index.aspx</a>

Date	Event	Venue	Venue
24-28 September 2014	15 <sup>th</sup> Asian Oceanian Congress of Radiology (AOCR 2014)	Kobe, Japan	<a href="http://www2.convention.co.jp/aocr2014/">http://www2.convention.co.jp/aocr2014/</a>
26-30 September 2014	39 <sup>th</sup> European Society of Medical Oncology Congress (ESMO 2014)	Madrid, Spain	<a href="http://www.esmo.org/Conferences/ESMO-2014-Congress">http://www.esmo.org/Conferences/ESMO-2014-Congress</a>
22-25 October 2014	46 <sup>th</sup> Congress of the International Society of Paediatric Oncology (SIOP 2014)	Toronto, Canada	<a href="http://siop-online.org/page/congresses">http://siop-online.org/page/congresses</a>
8-11 October 2014	70 <sup>th</sup> Korean Congress of Radiology (KCR 2014)	Seoul, Korea	<a href="http://www.kcr4u.org">www.kcr4u.org</a>
16-18 October 2014	12 <sup>th</sup> Asian Breast Disease Association Teaching Course & 4 <sup>th</sup> Jakarta World Federation for Ultrasound in Medicine and Biology – Centre of Excellence seminar	Bali, Indonesia	<a href="http://www.abda-breast.org/12th-TC2014.html">www.abda-breast.org/12th-TC2014.html</a>
16-18 October 2014	12 <sup>th</sup> Asian Breast Diseases Association Teaching Course	Bali, Indonesia	<a href="http://www.abda-breast.org/12th-TC2014.html">http://www.abda-breast.org/12th-TC2014.html</a>
18-22 October 2014	EANM'14 - 27 <sup>th</sup> Annual Congress of the European Association of Nuclear Medicine	Gothenburg, Sweden	<a href="http://www.eanm.org">www.eanm.org</a>
30 November – 5 December 2014	Radiological Society of North America Annual Meeting 2014 (RSNA 2014)	Chicago, USA	<a href="http://www.rsna.org">http://www.rsna.org</a>
3-6 December 2014	UICC World Cancer Congress 2014	Melbourne, Australia	<a href="http://www.worldcancercongress.org/">http://www.worldcancercongress.org/</a>
9-13 December 2014	37 <sup>th</sup> Annual San Antonio Breast Cancer Symposium (SABCS)	San Antonio, USA	<a href="http://www.sabcs.org">www.sabcs.org</a>

## HKCR Council Meeting Dates in 2014

28 January 2014	29 July 2014
25 February 2014	26 August 2014
25 March 2014	19 September 2014
29 April 2014	21 October 2014
27 May 2014	25 November 2014
24 June 2014	30 December 2014

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