CoR Newsletter

Issue 1 April 2023





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Editor's Note (Prof Dr Norlisah Mohd Ramli)

Assalamualaikum and a Good Day to my colleagues.

Our appreciation and thanks to the contributors of our past Issue 3 - Dec 2022, Dr Farhana Fadzli and Assoc Prof Dr Hilwati Hashim.

Members are welcome to contribute articles suitable for **CoR Newsletter**. Please submit to secretariat@radiologymalaysia.org - for appropriateness, only articles vetted and approved by the editor will be published.

We now come to our current Issue 1 - Apr 2023 of the **CoR Newsletter**.

For your reading pleasure, this issue brings you updates on CoR's recently held annual scientific meeting, the MCoR 2022 in Penang, which accommodated the Malaysian Society of Radiologists (MyRAD) official launch, the AOCR 2023 that was held in Bangkok, CoR's past 3 SIG webinars - Paediatric Imaging, Cardiac Imaging and Interventional Radiology – which drew good participants and the BIR World Imaging Congress.

To all our Muslim colleagues, best wishes for a holy month filled with prayer and significance. May Allah bless you abundantly during this Ramadan. Let there be light, prosperity and knowledge in your life. May Allah give you His choicest blessings.

To everyone else, may peace and prosperity, good health and happiness always be with you throughout this year. May everyone receive God's grace to keep everyone safe.

Enjoy the reading – take care, everyone.!

Co-opted Council Member SIG Interventional Radiology Dr Nur Adura Yaakup

Co-opted Council Member SIG Cardiac Imaging Dr Noor Khairiah A. Karim

Co-opted Council Member SIG Body Imaging Dr Zaharudin Haron

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MALAYSIAN CONGRESS OF RADIOLOGY (MCOR 2022)

"Precision Imaging: Beyond Pixels and Positrons"

An update by

Prof Dr Kartini Rahmat (Organising Chairperson)
Dr Farhana Fadzli (Scientific Chairperson)

The Malaysian Congress of Radiology 2022 (MCOR 2022) occurred in the UNESCO city of Georgetown, Penang, from the 7th to the 9th of December, 2022. It was jointly organised by the College of Radiology (CoR) and the Malaysian Society of Radiology (MyRAD). The theme of this year's meeting was "Precision Imaging: Beyond Pixels and Positrons".

A total of 257 Malaysian radiologists, trainees, and 16 international radiologists joined MCOR 2022 in person at Ascott Gurney Penang.

MCOR 2022 received 239 abstracts, of which 21 were presented as oral presentations and 135 as e-poster panels. Seventy-two of these abstracts accepted the opportunity to have their abstracts published in a supplementary JUMMEC.

There was a total of 13 sessions and 41 presentations.



The Malaysian Society of Radiology (MyRAD) was officially launched during the MCOR 2022 opening ceremony on 7th December 2022. MyRAD functions as the educational arm of CoR and will, from here on, take over all education programmes from CoR. To learn more about MyRAD, please visit MyRAD Launch Video here. MyRAD opened for membership applications, and many applications were received.



Council members of MyRAD 2022/2023 were invited on stage for the launch during the opening ceremony of MCOR 2022.

From left, Dr Ng Seng Man (Council Member), Dr Zainariah Mohd Zain (Council Member), Dr Amir Fuad Hussain (Council Member), Dr Jeyaledchumy Mahadevan (Council Member), Prof Dr Norlisah Mohd Ramli (President), Dr Shantini A. Arasaratnam (Honorary Secretary), Assoc Prof Dr Thajunnisa Hassan Mohd (Council Member), Prof Dr Kartini Rahmat (Council Member), Assoc Prof Dr Ahmad Tirmizi Jobli (Council Member)

For the first time in MCOR history, there was a specially curated 1-day programme for Radiology Trainees to help them prepare for their exams. This session was called RadExam Prep and was led by Assoc Prof Dr Thajunnisa Hassan Mohd with her committee of experienced examiners and professors. RadExam Prep Part 1 was for medical officers recently passing the Medex and Entrance Examinations in December 2022 and covered MCQ, OSCE, OSPE and viva voce. RadExam Prep Part 2 catered for year 3 trainees preparing for viva voce and SBAr. This will continue to be a feature for future MCORs.

For the first time in MCOR history, a specially curated 1-day programme for Radiology Trainees - the RadExam Prep.

MCOR is also a platform to strengthen the relationship and collaboration between Malaysian and international radiology societies. MCOR 2022 sent out a total of 9 invitations to neighbouring countries. Assoc Prof Dr Wiwatana Tanomkiat,



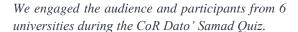
President of the Royal College of Radiologists of Thailand and Dr Chum Socheat, member of the Cambodian Society of Radiology to Malaysia, accepted the invitation and attended MCOR 2022. It was an excellent opportunity to catch up with international colleagues since the pandemic began. It turned out well, where friendship and networking were formed again through face-to-face meetings.



The lecture hall was packed for Prof Dr Do Kyung Hyun's plenary lecture session.

No MCOR would be complete without the prestigious CoR-Dato' Samad Quiz. Dato' Dr Abdul Samad Sakijan was the effervescent Quiz Master.

There were 6 representatives from Universiti Malaya, Universiti Kebangsaan Malaysia, Universiti Putra Malaysia, Universiti Sains Malaysia, **KKM** (represented by Hospital Umum Sarawak) and KPJUC.









Winner - Dr Mohd Salahuddin Kamaruddin

(University Malaya)

2nd Place - Dr Saiful Amri Mat Rasid

(Universiti Sains Malaysia)

3rd Place - Dr Bryan Pei Chun Sian (Hospital Umum Sarawak)

Dr Divann Esvaran

4th Place -

(KPJUC)

5th Place - Dr Ridhwan Firdaus Ramli

(Universiti Putra Malaysia)

6th Place - Dr Lam Shu Ping

(Universiti Kebangsaan Malaysia)

MCOR 2022 ended on a high note, and I would like to take this opportunity to thank Professor Dr Norlisah Ramli, President of the CoR and MyRAD, for allowing me to organise this meeting.

Furthermore, I would like to record my appreciation to Dr Farhana Fadzli, Scientific Chair and my Scientific Committee for their hard work and efforts in making this congress a success.



COR-SIG PAEDIATRIC IMAGING WEBINAR

An update by Dr Hasyma Abu Hassan (Organising Chairperson)

The Paediatric Imaging Webinar was first planned to be held on 5th November 2022. However, due to the uncertainty of the 15th Malaysian General Election, it was postponed to 14th January 2023. Despite the change of dates, the webinar successfully attracted almost 100 participants.

Moderated by Associate Professor Dr Faizah Mohd Zaki, the program ran smoothly for over 4 hours from 2 pm. The webinar was divided into 3 sessions; Imaging of the Vascular Anomalies, Masses in the young and Case Series and interactive sessions, with a sponsor talk session by Mr Lim Chun Jek, an MRI Clinical Modality Leader of GE Healthcare, with a particular interest in Chemical Shift MR Neuroimaging.

- 3 Sessions:
- * Imaging of the Vascular Anomalies
- * Masses in the Young
- * Case Series and Interactive

Our first session on Vascular Anomalies boasted distinguished Consultant Paediatric Radiologists Professor Dr Hamzaini Abdul Hamid and Dr Noryati Mohammad and Interventional Radiologist Dr Ganeshwara Durai Raja **Lingam** as speakers. Professor Hamzaini, a consultant radiologist from the Universiti Kebangsaan Malaysia, discussed the



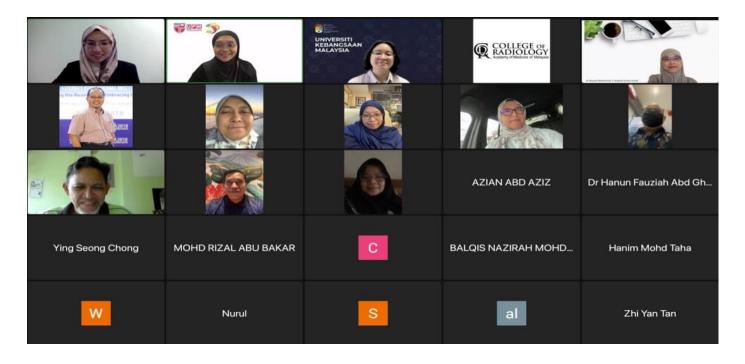
ISSVA Classification of Vascular Anomalies with case illustrations. Meanwhile, Dr Noryati, an experienced consultant Paediatric Radiologist from Hospital Sultan Ismail Johor Bahru, outlined and summarised the complex and syndromic vascular anomalies. The session closed with a talk on the interventionalist approach to vascular malformations by Dr Ganeshwara, a Paediatric Interventional Radiologist from KPJ Damansara 2 Specialist Hospital.

Following the sponsored talk by Mr Lim Chun Jek, the second session on Masses in the young kickstarted with a discussion on Imaging of Foetal Masses by yours truly. In this talk, I discussed the utilisation of different MR sequences in imaging foetal masses. Next, Dr Rohazly Ismail, a consultant Paediatric Radiologist from Hospital Tunku Azizah Kuala Lumpur with a vast experience in paediatric imaging, explained about common liver tumours, highlighting their imaging features. Finally, this session ended with Dr Erica Yee Hing @Wong, a Paediatric Radiologist from the Universiti Kebangsaan Malaysia, elaborating on paediatric, gynaecological tumours and congenital anomalies.

The webinar's final interactive session, led by Dr Farah Nadrah Mohd Nasir, a Paediatric Radiology Fellow from Hospital Tunku Azizah Kuala Lumpur, had lively participation of the speakers and participants alike. She presented cases of common paediatric masses utilising Mentimeter for the interactive quiz session.

The webinar successfully concluded at 6.30 pm with happy smiley faces of the participants, speakers, and organiser. Special thanks to the secretariat, Ms Lesley and Mr Melvin, for the smooth conduct of the program.

To our ever-softspoken madam moderator, Associate Professor Dr Faizah Mohd Zaki, all speakers and participants, heartfelt gratitude from the College of Radiology and the organising committee for your continuous support, cooperation and participation.



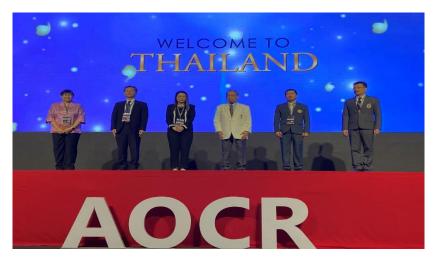
21ST AOCR & 59TH RST-RCRT CONGRESS 2023

An update by

Assoc. Prof Dr Bushra Johari Faculty of Medicine, Universiti Teknologi MARA Chairperson, Thoracic Imaging Special Interest Group, CoR

> Prof Dr Norlisah Mohd Ramli Faculty of Medicine, Universiti Malaya. President, College of Radiology

The first quarter of 2023 was remarkable for the Malaysian radiology fraternity and College of Radiology (CoR), with a robust Malaysian presence at the 21st Asian Oceanian Congress of Radiology and the 59th Radiological Society of Thailand – Royal College of Radiologists of Thailand Congress.



This conference was held at Centara Grand & Bangkok Convention Center at CentralWorld, under Congress Chair, Asst. Prof. Jarturon Tantivatana and Assoc. Prof. Wiwatana Tanomkiat as the Scientific Chair.

AOCR is an annual event held in various member countries of the Asian Oceanian Society of Radiology (AOSR). It has been 40 years since the Asian Oceanian Congress of Radiology (AOCR) returned to Thailand. About 15 Malaysians attended the AOCR 2023 as speakers, office bearers and oral and poster presenters.

CoR-KSR Business Meeting
Highlights:

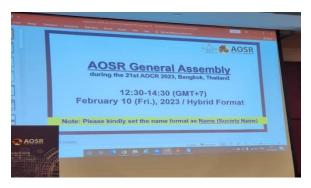
- * Friendship Symposium
- * International Membership
- * Fellowship Programs

A business meeting was held between CoR and the Korean Society of Radiology (KSR) during the conference. CoR was represented by Prof. Dr Norlisah Ramli (President of CoR) and Assoc. Prof. Dr Bushra (Thoracic Radiologist from University Teknologi MARA). KSR was represented by Dr Jeong Min Lee (President) and Dr Whal Lee

(Chair, International Liaison Committee). The agendas discussed during the meeting were on Friendship Symposium, which will coincide with MCOR 2023 in July, International Membership and an update on Fellowship Programs.



One of the highlights of the congress was the Binbakya Bidyabhed Lecture given by Dr Evelyn Ho, the president of AOSR, who talked on AOSR: Past, Present and Future. Assoc. Prof. Dr Bushra Johari represented Malaysia in Asian Symposia I & II on Situation and Imaging Innovation in Tuberculosis and Post COVID-19 lung disease. Prof. Dr Ng Kwan Hong talked on AsiaSafe Advancing Radiological Safety in Asia Oceania and Physics of MRI Safety. Dr Alex Tang delivered a lecture on the Role of Angio-CT and therapeutic embolisation in emergencies. Dr Git Kim Ann talked about Artificial Intelligence (AI) applications in the Radiology Workflow and participated in a panel discussion on radiology practice with AI. CoR is also very proud of Dr Roqiah Fatmawati Abdul Kadir from UiTM, who won the Best Researcher Award for SARS-CoV-2 with her oral presentation entitled CT Perfusion and High-Resolution CT in Patients with COVID-19 Pneumonia.



The AOSR AGM was held on 10 February 2023. During this time, Dr Evelyn Ho stepped down as the current President and presented her impressive accomplishments as the AOSR President during her 2 years tenure. She will continue her contributions as Chair of the Archives Committee. Malaysia is also well represented in AOSR Council, where Prof Dr Norlisah Mohd Ramli will co-chair the Quality Safety & Standards Committee (QSS) with Assoc. Prof. Dr. Wiwartana Tanomkiat. Prof. Ng Kwan Hong is also the Head of the Asian Safe project, and under the Education and Training Committee is Prof. Dato' Dr Yang Faridah Abdul Aziz.

The people of Thailand, the land of smiles, are world-renowned for their gracious hospitality. A Welcome Reception was held on day 1. On day 2, the faculty members were treated to a lovely Presidential Dinner. Finally, on day 3, a grand Gala Dinner was held for the faculty members as well as delegates at the ballroom of Centara Grand and Bangkok Convention Center at CentralWorld.

The theme for the gala dinner was the traditional costume, and it was a beautiful sight to see the various costumes from different AOSR countries together. In addition, we were treated to multiple traditional and modern performances throughout these events, not to forget the famous mouthwatering Thai cuisine.



AOCR 2023 is truly an exceptional event. It is hoped that more Malaysian radiologists will participate in the future AOCR, a congress packed with scientific discussions from the basics of radiology to the latest and greatest in our field. We want to thank CoR and RST-RCRT for giving us this opportunity to represent Malaysia. In addition, it is hoped that the relationship we have forged amongst the Asian Oceanian Radiological fraternity and industrial partners will flourish for the good of all in our society.



COR-SIG CARDIAC IMAGING WEBINAR

An update by Dr Noor Khairiah A. Karim (Organising Chairperson)

Cardiac Computed Tomography (CCT) Webinar held on 18th February 2023 has been successfully conducted by Cardiac Imaging Special Interest Group (SIG), College of Radiology (CoR), Academy of Medicine of Malaysia with the sponsorship by Canon Medical Systems Malaysia Sdn. Bhd.

CARDIAC COMPUTED TOMOGRAPHY (CCT)



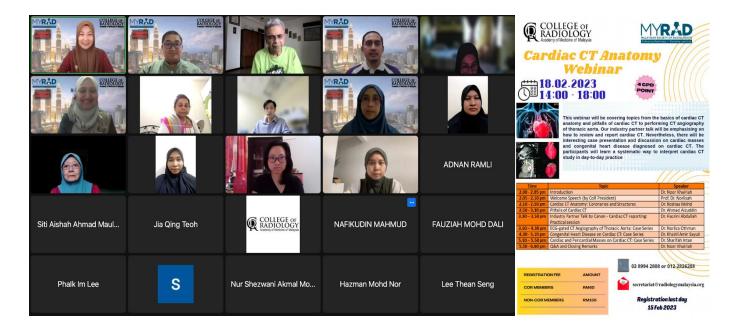
The webinar was conducted via

Zoom online platform and competently moderated by Dr Noor Khairiah A. Karim, with participation from nearly 100 COR members. Dr Noor Khairiah A. Karim, also the organising chairperson, delivered the opening remark, followed by a welcoming speech by the President of CoR and Malaysian Society of Radiologists (MYRAD), Prof. Dr Norlisah Mohd. Ramli, to all participants.

This webinar focuses on imaging the heart using CT, from the basics of CCT anatomy and pitfalls of CCT to performing CT angiography of the thoracic aorta. In addition, there were exciting presentations and discussions on cardiac masses and congenital heart disease cases diagnosed with CCT. 6 lecture topics were given during the webinar:

- 1. Cardiac CT Anatomy: Coronaries and Structures by Dr Rositaa Mohd. Ibrahim (Hospital Pulau Pinang)
- 2. Pitfalls of Cardiac CT by Dr Ahmad Aizuddin Mohamad Jamali (Hospital Universiti Sains Malaysia)
- 3. Industry Partner Talk by Canon Medical Systems Malaysia Sdn. Bhd. On Cardiac CT Reporting: Practical Session by Dr Hazrini Abdullah (Hospital Sultanah Aminah, Johor Bahru)
- 4. **ECG-gated CT Angiography of Thoracic Aorta: Case Series** by Dr Norliza Othman (Hospital Sultanah Aminah, Johor Bahru)
- Congenital Heart Disease on Cardiac CT: Case Series by Dr Khairil Amir Sayuti (Hospital Universiti Sains Malaysia)
- 6. Cardiac and Pericardial Masses on Cardiac CT by Dr Sharifah Intan Shafina Syed Abas (Hospital Sultanah Bahiyah, Alor Setar)

This webinar has become an excellent opportunity for all participants to widen their knowledge and systematically interpret CCT study in day-to-day practice. It has achieved the topic's objectives and main focus, imaging the heart through CT. The session went smoothly without any significant drawbacks and was a success. The Cardiac Imaging SIG members thank the CoR secretariat for their continuous support and assistance.



BIR WORLD IMAGING CONGRESS 2023

An update by Dr Hasyma Abu Hassan



BIR World Congress 2023 hosted over 800 participants worldwide on the 24th and 25th of February, 2023. The congress ish Institute of Radiology conducted were divided into 4 sessions, focusing on Teleradiology, Imaging across world economies, Imaging Education and Training across the world and Mass Casualty/Trauma. Through the College of Radiology and the president, Prof Dr Norlisah Mohd Ramli, to my great pleasure and honour, I was invited to share my Malaysian experience in Radiology Training at the Congress.

The congress was conducted on a virtual platform Adobe Connect, which was a new experience for me. Unlike the other virtual platforms I was familiar with, where the video would automatically be switched on by clicking the video icon, this particular platform required an additional step of sharing the video/camera before switching on. However, with the explicit instruction, patience and smooth conduct of the Event Assistants led by Ms Shama Kika, my session went smoothly without major glitches.

The theme for my session was Imaging Education and Training across the world, co-chaired by Professor Stephen Keevil, the President of the British Institute of Radiology, and Dr See Teikchoon, a Consultant Interventional Radiologist at Cambridge University Hospitals NHS Foundation Trust. It had been a great privilege to share the platform with 3 distinguished speakers from down under and the United States of America. The first speaker was Dr Melissa Davis, the Vice Chair of Medical Informatics and Assistant Professor Department of Radiology and Biomedical Imaging at Yale University. She talked about the importance of interprofessional collaboration in educational initiatives in Radiology and global health.

The following speaker was Professor Avnesh Thakor, an Associate Professor of Radiology at Stanford University, sharing his experience in striving for training, research and innovation. He advocated actively looking for opportunities while getting out of your comfort zone. He also emphasised an equal balance of clinical and academic activities to succeed in the academic world and research.

Meanwhile, the third speaker was Dr Sanjay Jeganathan, the President of the Royal Australian and New Zealand College of Radiologists (RANZCR). He discussed measures to ensure competencies in the training curriculum and examinations. RANZCR had developed the new curriculum emphasising formative assessment during the training to be implemented for this year's trainees. Coincidentally, the Malaysian National Curriculum, launched in 2022, aimed to be implemented in this year's cohorts.

I was the last speaker for our session, talking about Radiology Training, Demand and Development in Malaysia. Fortunately, having a pre-recorded speech helped control one's nerves in a large international congress. Therefore, the participants widely accepted our session with a lively question-and-answer session. The Q&A session, which focused mainly on research in training, international collaboration, and training opportunities abroad, was conducted by Professor Keevil with active participation by the speakers despite the time differences, which was approaching midnight in Australia.

I want to express my utmost gratitude to Prof Dr Norlisah Mohd Ramli and the College of Radiology, Academy of Medicine of Malaysia, for the opportunity. Furthermore, to the head of Radiology Services and Parallel Program Training coordinator of the Malaysian Ministry of Health and program coordinators of universities under the Malaysian Conjoint Board of Radiology, please accept my most sincere appreciation for your help and cooperation preparing the presentation slides.



COR-SIG INTERVENTIONAL RADIOLOGY WEBINAR

An update by

Dr Melisa Lim Seer Yee (Organising Chairperson)

Honorary Secretary, Malaysian Society of Interventional Radiology.

The Interventional Radiology Special Interest Group (IR SIG) has recently concluded a webinar focusing on Interventional Radiology for non-Interventional Radiologists on 4th March 2023. This is the 3rd webinar this year, organised as part of the CME series under the College of Radiology (CoR).

Interventional Radiology has come a long way since Professor Charles Theodore Dotter introduced the concept of wielding the angiographic catheter as "more than a tool for passive means for diagnostic observation; used with imagination, it can become an important surgical instrument" at the Czechoslovak Radiological Congress in 1963. Nowadays, Interventional Radiologists (IR) play an essential role in performing various minimally invasive image-guided procedures (MIIPs) in diverse clinical scenarios, often in life-saving situations and emergency bailouts. However, the number of trained IRs in the country remains critical. Hence, diagnostic radiologists are trained to perform basic interventional radiology procedures safely and confidently during their trainee period.

Professor Charles Theodore
Dotter:

"The concept of wielding the angiographic catheter as "more than a tool for passive means for diagnostic observation; used with imagination, it can become an important surgical instrument"

The primary aim of this webinar was to review basic Interventional Radiology procedures so that non-Interventional Radiologists have more confidence in performing these essential procedures and revisiting imaging topics related to interventional radiology.

Hence, the webinar was divided into 2 main segments. The 1st segment focused on basic interventional radiology procedures for non-IRs, while the 2nd segment concentrated on advanced imaging related to Interventional Radiology.



There were 4 topics for each component. The 1st segment was chaired by Dr Isa Azzaki Zainal (Universiti Kebangsaan Malaysia).

Dr Josephine Subramaniam (Pantai Hospital Kuala Lumpur) chaired the 2nd segment.

Each segment was followed by a question and answer session with a short break between the two parts.

All the speakers are members of the Malaysian Society of Interventional Radiology (MySIR) and range from fellows in training to qualified seniors in the field.



Dr Muhammad Arif bin Kamarudin (Hospital Kuala Lumpur) began the 1st segment with various tips and tricks during a lung biopsy. Next up was Dr Nik Farhan Nik Fuad) (Universiti Kebangsaan Malaysia), Next, she explained the dos and don'ts of vascular access procedures followed by Dr Anis Shafina Mahfudz (Universiti Teknologi MARA) on the various aspects of percutaneous drainage of abdominal collections. Finally, Dr Sim See Khim (Hospital Selayang) wrapped up the 1st segment with an extensive introductory overview of liver interventions in primary and secondary liver tumours.

The 2nd segment started with the topic "Imaging in Stroke – When to call the IR", given by Dr Ganesan A/l Arthimulam (Regency Specialist Hospital). 2 topics on post-procedural liver imaging followed this. Dr Ch'ng Li Shyan's (Universiti Teknologi MARA) talk was on liver imaging post-ablation. In contrast, Dr Ng Wei Lin (Universiti Malaya) touched on liver imaging post-transarterial liver tumour treatment. The final topic was imaging changes post lung ablation, presented by Dr Norshazriman Sulaiman (Gleneagles Hospital Kuala Lumpur).

We are pleased to report that 94 registrations were received for this webinar. The webinar was conducted smoothly, with the 1st segment being trendy and lively with many questions posed to the speakers. The lectures were delivered as pre-recorded or live presentations during the webinar, depending on the presenter's choice.

This diverse range of topics would benefit the non-IRs when encountering interventional radiology-related issues covered in this webinar. Finally, I extend my gratitude to all the excellent speakers sharing their knowledge with the audience and the attendees who supported the webinar by attending and interacting with the speakers. Many thanks to the Secretariat of the College of Radiology for helping coordinate the prewebinar groundwork and, last but not least, the CoR Council, spearheaded by Professor Norlisah Ramli, for their continued support in the various SIG activities under the umbrella of COR.

