

CHEST IMAGING WEBINAR

The first of the College of Radiology Webinar Series

an update by

Dr Mohammad bin Hanafiah Kreeh

Organizing Chairperson - CoR Chest Imaging Webinar, 19 December 2020

Since the global coronavirus pandemic struck, virtual meetings like webinars have become popular and are gaining wider acceptance replacing educational gatherings of any kind, which are deemed very risky. To my mind, even when putting the pandemic as part of the culprit aside, webinars are still convenient for both presenters and attendees. What I find remarkable about the webinar is that anyone can participate while staying at home or even on vacation or without having to leave work. No doubt, the webinar is an effective tool as it is personal, live, and interactive.

Here, I would like to share the Chest Imaging team's experience in organising the first webinar under the auspices of the College of Radiology. Thanks to Prof. Dr. Norlisah Mohd Ramli for this initiative! It was a tremendous experience, and we had a lot of fun organising it. By and large, it was a successful webinar, and I have testimonies from others to support that!

Overview of the Webinar

As we are all aware, there was an exponential increase in thoracic imaging utilization, with an even greater emphasis on treatment decisions based on imaging patterns and findings. Chest Imaging as a subspecialty may be relatively new in Malaysia, but the interest is growing. With the hope to encourage the proliferation of knowledge, a 4-hour-Chest Imaging Webinar was held via 'Zoom' on 19 December 2020.

The main objective was to disseminate knowledge and discuss a few selected important chest imaging topics. The topics chosen were distinct yet interconnected, reflecting the patterns in clinical practice. Updated international guidelines related to chest imaging were also discussed. The webinar was moderated by myself, and the opening remark was delivered by Prof Dr. Norlisah, the president of the College of Radiology, Academy of Medicine Malaysia.

There was a total of 9 lectures:

1) *Understanding Lung Cyst* by Dr. Zuhanis Abd Hamid

- 2) *Lung Nodule: What do I do?* by Dr Siti Rohani Mohd Yakop
- 3) *Small Airway Disease* by Dr. Aida Abdul Aziz
- 4) *Approach to Airspace Disease* by Dr. Fatimatulzahra Abdul Ghani
- 5) *Smoking-Related Lung Disease* by Dr. Bushra Johari
- 6) *Emphysema: What radiologists should know* by Dr. Roqiah Fatmawati Abdul Kadir
- 7) *Imaging in Usual Interstitial Pneumonia* by Dr. Shobhana Sivandan
- 8) *Mosaic pattern: What is the culprit?* by Dr. Wan Aireene Wan Ahmed
- 9) *Imaging Perspective of Hypersensitivity Pneumonitis: ATS/JRS/ALAT 2020 Clinical Practice Guideline* by myself.

There was also a presentation by Ms. Felicia Choong from DCH Auriga on the *Introduction of Bracco Contrast Media* towards the end. Each lecture lasted for approximately 20 minutes, followed by 3-5 minutes live Q&A session after each presentation. It was great to see that the responses were very encouraging and stimulating with many participants' questions.

Setting up the program

The first step towards planning was to map out a solid strategy and develop an attractive program. Frankly speaking, we were slightly under pressure as the first team to organise the COR webinar. The reason was three-fold.

- 1) *First impression matters.* We felt we had to deliver well, so more are interested in joining the subsequent Webinar series in the future.
- 2) *No prior experience handing a webinar or virtual event.* Lack of expertise has a bearing on unforeseen errors. Handling a virtual event required a complete understanding of the software-based conference room solution and how the capacity and capability could be maximised, so the flow was sleek and professional-looking.
- 3) *Relatively short time to organise.* We received a request to organise the webinar on 12 November 2020. We submitted our tentative program on the 13th. We applied for CPD point from MMA on the 17th and the webinar was opened for registration on the 23rd of the same month. Given the actual event was on 19 December of the same year and if you do the maths, we were on the balls! We didn't waste much time deliberate on the selections of topics and the presenters involved, thanks to the excellent team effort by selecting speakers from our fraternity's called Malaysian Thoracic Radiology Special Interest Group (MThoR). Beyond our

expectations, believe it or not, the registrations went like hotcakes, and we had to close the registration in less than a week!

Challenges

It would be a lie if I said there was no hiccup. Let me share the challenges we had. For a start, not all speakers were familiar with the Zoom setup. We initially thought it would be a straightforward 'sharing'-and-'unsharring'-screen technique between the moderator and speakers through a few simple clicks. Little did we realise it was more complicated than that. When we first test run 48 hours before the webinar, it went haywire, and the atmosphere felt fairly intense. There were various types of 'windows' available for sharing. If one was not savvy enough, clicking or sharing the wrong window may not project the presentation slides and could turn out to be disastrous. Not to mention we had a few technical glitches on microphone and audio settings for speakers using headphones. Undoubtedly, there was a variable level of 'IT' experiences across the speakers; those on the lower side were pushed for a steep learning curve. It was too risky to have the speakers sharing their computer screens while presenting.

Professional-and-sleek-looking webinar required more control by the moderator/organiser's desktop. Thank God we finally found the solution in less than 24 hours before the webinar, which indeed was a relief. Phew! Be that as it may, we remained mindful of any potential glitch and had backup plans if anything went wrong. We were prepared.

The takeaway

To understand some of the fundamental aspects behind the webinar's success, we've segmented the whole process, right from drafting a strategy down to the implementation. Planning is critical. The more detailed your plan, the more you'll ensure that your workshop will run to schedule and be successful.

Define the goal and identify the target audience. Every workshop must have a purpose. The workshop's goal should be at the centre of all your planning. For instance, our objective was to disseminate knowledge on various chest imaging topics relevant to general radiologists' daily clinical practices and to revisit and be updated with any new concepts and guidelines.

Create an attractive plan. Now that you know your primary objective and who will attend, you can start to develop an outline of how you would achieve the workshop's goal. We had mapped our strategy and decided on many short lectures so that participants felt that their time is maximised with various topics succinctly presented. The lectures were arrayed neatly so that lectures with interconnecting contents were next to each other for better understanding and knowledge consolidation.

Start on time and stick to the time. Even though this may sound trivial but it is worth pointing out that this is critical. When preparing the webinar, we adhered to the time that was communicated to the participants. Continuing longer would cause more participants to drop out and miss valuable information presented towards the end, which would be a shame.

Getting people involved. The Q & A section is the best way to get people engaged. This allows for clarification and expansion of knowledge beyond what was presented. For the webinar, we selected a few important questions for the speaker to answer live. As the time for live Q&A session was limited, the remainder of the submitted questions were responded to (typed) in the chat room as we moved on with the following lecture by a different speaker. In that sense, no questions were left out. Retrospectively, we could have added quizzes with interactive live polling for more interaction.

Acknowledgement

Ultimately, the tremendous concerted effort and teamwork lay behind the success story of organising the event. It would not have been possible without the help of many people.



Speakers: Dr. Mohammad, Dr. Bushra, Dr. Shobhana, Dr. Zuharis, Dr. Wan Aireene, Dr. Roqiah, Dr. Fatimatulzahra, Dr. Aida, Dr. Siti Rohan,i and M.s Felicia Choong

A million thanks to the organising team for their tireless effort, Prof Norlisah and College of Radiology for the opportunity and support, all the speakers for their dedication to setting up an excellent program, and DCH Auriga (Malaysia) Sdn Bhd / Bracco for the sponsorship.

Stay safe.