



4TH GLOBAL INTERMEDIATE TO ADVANCED  
HANDS-ON MUSCULOSKELETAL MRI & ULTRASOUND  
CONFERENCE & WORKSHOP  
FOR RADIOLOGISTS

2019

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DATE: 22<sup>ND</sup> TO 24<sup>TH</sup> AUGUST 2019

VENUE: FURAMA HOTEL, KUALA LUMPUR, MALAYSIA

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Accredited 22 CPD Points by Royal College of Radiologists UK,  
20 CPD Core Points by National Specialist Register of Malaysia &  
1.6 credits in Category 3 towards the ESSR Diploma



Global Futuristic Management Services  
Official Congress Organizer

Official website and online registration:  
[www.penangmskrad.com](http://www.penangmskrad.com)



Dear Radiologist,

The 4th Global Intermediate to Advanced Hands-on Musculoskeletal MRI & Ultrasound Conference & Workshop for Radiologists will be held from 22nd-24th August 2019 at Furama Hotel Bukit Bintang, Kuala Lumpur, Malaysia.

This course is ideal for radiologists who have already attended any Basic MSK MRI and Ultrasound course and studied MSK MRI Reporting during Radiology training. Those who have attended the Penang Basic MSK MRI and Ultrasound course that I conduct annually during the earlier part of the year will find that this advanced congress will take you to another level in accuracy of reporting as less time will be spent on basic teaching and more time on the common roadblocks and errors made in MSK MRI and Ultrasound reporting.

Here are the key features of the Course:

1. We keep the number of delegates to faculty in low ratio and give plenty of time for hands-on so that we can answer all your questions and show you the latest techniques and advances in MSK Ultrasound imaging.

In the workshop sessions, we don't go through all the basic techniques but the delegates are given 10-15 minutes to begin by asking specific questions, i.e: how to differentiate the infraspinatus insertion from the posterior SSP, how not to miss the free edge of SSP tears, the best way to assess the CFL and pitfalls of dynamic examination, updates on assessment of the deltoid ligament complex including anatomy in the lectures, etc.

2. Carefully selected MSK MRI and USS DICOM videos are used (we have upgraded many of the videos now to high resolution DICOM images and not just the GOM AVI files) and taken from the high-end new ultrasound equipment over the last one and half years and shows the pathology exquisitely. Two ultrasound companies will be invited to showcase their new equipment at the congress. As we need to spend less time on the basic teaching, the cases shown will be the cases where residents, fellows and general radiologists have missed important pathology. For instance, there was an MRI request to look for MCL tears and the MCL was reported normal when actually there was marked capsular tears anteromedially but not the superficial MCL. Many ACL tears are misinterpreted which is very common and we go through many cases to show how to solve this.

We discuss what is important to the orthopaedic surgeons, eg: grading of cartilage loss and mapping of the cartilage to let them know where the cartilage loss is exactly on the weight bearing area of the femoral condyle in the knee. Several examples are shown of various grades of loss of cartilage compared to the Penang course. We spend more time on MRI arthrography of the shoulder and wrist particularly showing several cases. More time is also spent on the less common anatomy and pathology of the upper limb and lower limb. Important nerve anatomy and pathology of the upper and lower limb which is not covered in the Penang course is covered in this KL course.

3. Focus is on how we really solve problems in patients in MSK symptoms using one or other modality or both MSK MRI and USS. Very practical. One does not use only MSK MRI or MSK USS and you will be taught which modality is better for which indication for accuracy of diagnosis. For instance, it is far more accurate to use Ultrasound for detection of ankle tendon and ligament tears than MRI as these structures are very small on MRI and often not clearly visualised in the 3mm slices but seen very well on ultrasound and function can be tested with dynamic.

4. This Intermediate to Advanced course aims to bring your MSK MRI and Ultrasounds skills to a higher level and answer all the queries you might have. One way we do this is to ask each delegate to give us two questions or areas that they want covered. This means that usually about 40 topics (with overlap of query) are covered which would be of interest to all participating as they would be the common hurdles faced in MSK MRI and USS reporting or performance.

5. The course is held in Kuala Lumpur with its famed Twin Towers, which is actually visible from the conference floor. It's a great chance to shop and dine in Kuala Lumpur and air fares are cheaper as there are many direct flights to Kuala Lumpur especially if bought during promotions.

Places are limited to 24 pax and early online registration at [www.penangmskrad.com](http://www.penangmskrad.com) is encouraged. We look forward to seeing you in Kuala Lumpur.

Yours sincerely,

**Professor Dr John George**

Course Director

Global Intermediate to Advanced Hands-On MSK MRI & Ultrasound

Conference & Workshop for Radiologists

MBBS (Adelaide), DMRD (Aberdeen), FRCR (UK)

Chief, Musculoskeletal Radiology, University of Malaya Medical Centre, Malaysia.

## 22nd August 2019 • Thursday • Focus on Knee, Ankle & Foot

7.30 am	Registration and light breakfast
8.00 am	Briefing and pre-MCQ test
8.30 am	Lecture: Musculoskeletal Ultrasound and MRI of the Knee. Pearls and tips for reporting MSK MRI and USS of the knee by showing MSK MRI and USS videos of basic, intermediate and advanced difficulty.
10.30 am	Tea break
11.00 am	Workshop: Knee Ultrasound - Divided into 3 groups; Basic, Intermediate & Advanced. Intermediate and Advanced group can query any topics related to the USS of the knee and be shown advanced scanning protocols.
1.00 pm	Buffet lunch
2.00 pm	Lecture: Musculoskeletal Ultrasound and MRI of the Ankle and Foot. Pearls and tips for reporting MSK MRI and USS of the ankle and foot by showing MSK MRI and USS videos of basic, intermediate and advanced difficulty.
4.00 pm	Tea break
4.30 pm	Workshop: Ankle Ultrasound - Divided into 3 groups; Basic, Intermediate & Advanced. Intermediate and Advanced group can query any topics related to the USS of the ankle and be shown advanced scanning protocols.
6.00 pm	End of session

## 23rd August 2019 • Friday • Focus on Shoulder, Elbow & Wrist

8.00 am	Light breakfast
8.30 am	Lecture: Musculoskeletal Ultrasound and MRI of the Shoulder. Pearls and tips for reporting MSK MRI and USS of the shoulder by showing MSK MRI and USS videos of basic, intermediate and advanced difficulty.
10.30 am	Tea break
11.00 am	Workshop: Shoulder Ultrasound - Divided into 3 groups; Basic, Intermediate & Advanced. Intermediate and Advanced group can query any topics related to the USS of the shoulder and be shown advanced scanning protocols.
12.20 pm	Group Photo
12.30 pm	Buffet lunch
2.00 pm	Lecture: Musculoskeletal Ultrasound and MRI of the Elbow and Wrist. Pearls and tips for reporting MSK MRI and USS of the wrist and elbow by showing MSK MRI and USS videos of basic, intermediate and advanced difficulty.
4.00 pm	Tea break
4.30 pm	Workshop: Elbow and Wrist Ultrasound - Divided into 3 groups; Basic, Intermediate & Advanced. Intermediate and Advanced group can query any topics related to the USS of the elbow and wrist and be shown advanced scanning protocols.
6.00 pm	End of session

## 24th August 2019 • Saturday • Focus on Hip, Arthropathy, Carpal Tunnel & Intervention

8.00 am	Light breakfast
8.30 am	Lecture: MRI of the Hip. MSK ultrasound of the arthropathy, carpal tunnel and intervention. Pearls and tips for reporting MSK MRI and USS of the conditions above by showing cases with basic, intermediate and advanced difficulty.
10.30 am	Tea break
11.00 am	Workshop: Synovitis screening, carpal tunnel and hamstring muscle identification & grading. Chance to ask demonstrators anything you are not sure about in MSK USS or would like more emphasis on.
1.00 pm	Buffet lunch
2.00 pm	MSK MRI and USS Video Quiz: Mixed cases of Intermediate to Advanced difficulty to bring home the points learned.
3.00 pm	Panel session to answer delegate queries.
3.45 pm	Tea Break
4.00 pm	Practical ultrasound test and post-MCQ test.
5.00 pm	Close of meeting and distribution of certificates

"The comprehensive and generous course materials provided goes to show how much effort was put into preparing for the course. I was able to clarify my doubts and troubleshoot problems faced during my daily reporting sessions. The course was well-organized and relevant and I would certainly recommend it to anyone interested in the specialty of musculoskeletal radiology".

*Dr Candice Leong, Singapore*

"It is my firm contention that if possible any radiologist with an MSK interest should attend this course. Having attended many European courses, I can say with certainty that the advanced course is second to none. Many thanks to Prof John".

*Dr Bishum Rattan, South Africa*

"A very good, beneficial and informative course that gives you solid guidelines for an MSK career. The information given is out of pure experience and I feel grateful to the tutors for sharing it with us".

*Dr Aida Shanshal, UAE*

"An excellent course that highlights practical pointers for MRI evaluation and reporting. Great teachers who help refine your ultrasound techniques and provide advice on scanning and pathology-identification based on experience and evidence. Highly recommended!".

*Dr Mohammad Taufik, Singapore*

"This is a well-organized practical course that can enrich radiologists' knowledge in the musculoskeletal field. All the information that you will get will help you to ease the stress when you face MSK cases in your daily work and provide the best for the patients' sake".

*Dr Wassan Al-Saedi, Iraq*

"I really liked how we saw anatomy, pathology then went to practicals in sequence. It made it easy to understand. Professor George made it easy to digest and understand. I feel this course is a must for anyone doing MSK MRI & Ultrasound".

*Dr Catherine Garcia, Philippines*

"An excellent course that is very practical and informative. Prof George's passion to teach is outstanding. Excellent course material to review. The homework daily is excellent and the notes to review are exceptional. Highly recommended".

*Dr Ai-Lee Chang, United Kingdom*

"Wide coverage and many practical sessions with lots of cases shown during lectures. This conference has given me more confidence in my MRI MSK reporting and I will start to correlate MRI MSK with Ultrasound MSK from now on".

*Dr Toh Siew Tee, Malaysia*

"I have thoroughly enjoyed the course. It is a well-organized, practical and down-to-earth course and I can immediately apply the knowledge gained to my day to day work".

*Dr Sunny Cheng, Hong Kong*

**Overview:**

The aim of this course is to build up on the basic skills of Musculoskeletal MRI interpretation and Musculoskeletal Ultrasound learned by attending Basic to Intermediate courses such as the annual Penang Basic MSK MRI and Ultrasound course. In this Intermediate to Advanced course, the Basic Principles of reporting Musculoskeletal MRI and Basic Skills of performing Musculoskeletal Ultrasound are expected to be understood and practiced.

This course gives a chance to upgrade the skills and more importantly fill in all the gaps of knowledge in Musculoskeletal MRI reporting and practise of Musculoskeletal Ultrasound. This will be gained by going through many cases of Intermediate to Advanced MRI of all the major joints and many cases of actual pathology of Musculoskeletal Ultrasound using actual patient case videos.

**Materials & Deliverables:**

1. 1 x high quality colour photoprint of advanced powerpoint lecture slides and 1x ultrasound technique workbook worth USD 300.
2. A 8GB USB containing many resources worth USD 200.
3. One experienced demonstrator to about 6 participants for maximum hands-on time; 4 stations of ultrasound with one experienced MSK Radiologist at each demonstrator table.

**Faculty:**

Prof Dr John George (Course Director)  
MBBS (Adelaide), DMRD (Aberdeen), FRCR (UK)  
Chief, Musculoskeletal Radiology, University of Malaya Medical Centre, Malaysia.

Dr Niraj Dubey, FRCR  
Senior MSK Radiologist  
Singapore Health Authority

Dr Mathew George, FRCR  
MSK Radiologist  
Pushpagiri Medical Hospital, India

Dr Nurul Aida, MRAD, Ministry of Health Malaysia  
MSK Radiologist  
Kuala Lumpur General Hospital

**Location:**

The conference venue is at Furama Hotel Bukit Bintang which is strategically located at Kuala Lumpur's Golden Triangle and is a popular hub for shopping and sightseeing. It is just walking distance from KL's famous eateries, shopping malls, and entertainment spots. The conference room itself is situated on the highest floor of the hotel, with a view of the majestic Petronas Twin Towers (the tallest twin towers in the world) and the KL Tower (observatory deck). The Petronas Twin Towers (KLCC), located at the heart of Kuala Lumpur, is just a 10 minutes drive from the Golden triangle and is a must-see for all visiting.



## Who should attend this congress?

Radiologists who understand the basics of MSK Ultrasound technique and basic MRI who would like to accurately report more intermediate to advanced cases, clear any doubts they have, and learn more tips and tricks in Musculoskeletal Ultrasound. Also ideal for those who would like special training in Upper and Lower limb nerve and muscle anatomy and injections techniques.

## Congress Pre-Requisite:

- Attended the Penang MSK MRI and USS course or been through a Radiology residency programme and learned the basics of reporting MSK MRI.
- Attended any Basic courses in MSK Ultrasound.

## Accreditation:

This course provides 22 CPD credits in accordance with the CPD scheme of the Royal College of Radiologists UK, 20 CPD Core Points by the National Specialist Register of Malaysia (sufficient points for APC 2020) and 1.6 credits in Category 3 towards the ESSR Diploma.

## Ultrasound provider:

# PHILIPS

Online registration & testimonials:  
[www.penangmskrad.com](http://www.penangmskrad.com)

# REGISTRATION FEES & PAYMENT

## Course Fees:

### Individual Rates

Course Fees	Early Bird Rate (till 31st May 2019)			Standard Rate (after 1st June 2019)		
	Bank Transfer	Credit Card	Paypal	Bank Transfer	Credit Card	Paypal
Overseas Radiologist	USD 1200	USD 1240	USD 1280	USD 1300	USD 1340	USD 1380
Malaysian Radiologist	RM 3600	RM 3720	N/A	RM 3800	RM 3920	N/A

### Group Rates Overseas Delegates

Subsidy (per pax)	
3 pax	USD 50
4 pax	USD 75
5 pax and above	USD 100

### Group Rates Malaysian Delegates

Subsidy (per pax)	
Group of 6	RM 150

## Registration:

Registration for this course is via online at [www.penangmskrad.com](http://www.penangmskrad.com). Upon submitting the online registration form, kindly send a copy of your details directly to [globalfuturistic@gmail.com](mailto:globalfuturistic@gmail.com) to ensure that we receive your form. You will receive a response within a week on suitability and availability of places at the course. If you do not receive a reply within a week, please email us at [globalfuturistic@gmail.com](mailto:globalfuturistic@gmail.com) to enquire. Kindly refrain from making any payment until receiving a confirmation on acceptance.

## Acceptance & Placement:

Once your place at the course has been approved and you have obtained leave from your department, kindly proceed with payment. As the course is limited to 24 pax to enable more quality and personalized teaching, it is advisable that payment be made as soon as possible to secure your place.

There are three methods of payment; Bank Transfer, Credit Card and Paypal. For Bank Transfer, kindly follow the Bank Details below. If Credit Card or Paypal is your preferred method of payment, kindly inform the Secretariat to issue you the relevant invoice along with payment instructions. Kindly note that the rates for Credit Card and Paypal are slightly higher due to third party charges. Please also note that course fees is not inclusive of travel and accommodation. Kindly use the hotel booking form available on our website to leverage on special delegate room rates.

## Payment Details:

Account name : Global Futuristic Management Services  
Bank : Commerce International Merchant Bankers Berhad (CIMB)  
Account number : 8002419615  
Swiftcode : CIBBMYKL  
Bank Address : Commerce International Merchant Bankers Berhad,  
227&228 Jalan Bandar 13, Taman Melawati,  
53100, Kuala Lumpur, Malaysia.  
Beneficiary Address : 20 Jalan 4 , Taman Sri Ukay , Ampang , Selangor 68000 , Malaysia.  
Contact number : +60122773799

## Payment Proof:

All delegates must send us the proof of payment within three days of making payment. Kindly email a copy of the bank-in slip or proof of transfer to [globalfuturistic@gmail.com](mailto:globalfuturistic@gmail.com) with indication of account name that the transfer was made from. Upon receipt of payment into our account, a notice will be sent to your email along with a confirmation letter and e-receipt within one week to confirm your place in the course.



### Terms & Conditions:

1. A non-refundable policy applies to course fees if notice of cancellation is given 60 days or less before the commencement of the course.
2. A full refund will be provided if notice of cancellation is given more than 60 days before the course provided a replacement is found. A USD 50 cancellation fee applies.
3. Registration transfers are allowed. No additional fees will be imposed for registration transfers.
4. The course fee is inclusive of a light breakfast, morning and evening teas and a buffet lunch.
5. If the transferred registration fee is short of the amount we should receive, you will be advised to pay the balance amount at the course. The balance should be settled during registration to be entitled to the full course materials. To avoid the transferred amount falling short of the minimum amount, kindly ensure that you find out your local bank charges and include it in the amount transferred.
6. We allow for a USD 10 deduction on our side but please be aware that some banks use third parties which may take USD 10-USD 30 per transaction and this must be paid back to Global Futuristic if the due transferred amount is more than USD 10 short.
7. A confirmation of placement at the course is upon receipt of a confirmation letter and electronic receipt. If you do not receive these documents within the duration of a month, kindly email the secretariat immediately to check on your status.
8. Kindly email the secretariat with proof of transaction along with indication of account name that the transfer was made from upon making payment so that the secretariat is able to identify your payment. Failure to do so might cause your payment to be attributed to another delegate instead.
9. Do not make payment until and unless you receive a confirmation from the secretariat to proceed. Payments that go through prior to confirmation will not be refunded.
10. The secretariat has the right to revise any of the course information as and when deemed necessary. Registration rates may also change depending on USD rate fluctuations.
11. In the event that the course is cancelled due to unforeseen circumstances, a full refund will be credited into your account.
12. Kindly check if visa is required for your travel to Malaysia. It is advisable to check with the Malaysian embassy or consulate instead of agents or friends as requirements may change.
13. The event management company (secretariat) is not liable for any losses or injuries sustained before, after, or throughout the duration of the congress. Insurance coverage is encouraged as a safety measure.

# MEETING INFORMATION

## CONFERENCE VENUE

Saffron I & II, 27th Floor, Furama Hotel Bukit Bintang  
Address: 136 Jalan Changkat Thambi Dollah, 55100 Kuala Lumpur, Malaysia.  
Tel No: +603-2788 8899  
Website: [www.furama.com](http://www.furama.com)

## CONFERENCE SECRETARIAT

Global Futuristic Management Services  
Company Address: Level 41, Vista Tower, The Intermark, 348 Jalan Tun Razak, 50400 Kuala Lumpur, Malaysia.  
Tel No: +6012-277 3799  
Email: [globalfuturistic@gmail.com](mailto:globalfuturistic@gmail.com)  
Website: [www.penangmskrad.com](http://www.penangmskrad.com)

## REGISTRATION

Registration is on 22nd August 2019 from 7.30am-8.00am. All conference delegates are required to register at the registration desk located outside the conference hall on the 27th floor to collect your name badge and congress materials. Please note that no replacements will be made for name badges and conference materials and delegates are liable for any losses.

## CONFERENCE LUNCH

The conference lunch is Halal and is complimentary for all conference delegates. To be entitled to the lunch, delegates must wear their conference badge at all times. Buffet lunch will be served during the conference at Spices Restaurant, Furama Hotel, Level 3. Delegates who prefer the vegetarian option and have identified this preference on the registration form will be allowed to order ala-carte from the restaurant menu.

## INTERNET ACCESS

Free wireless internet access is available in the conference hall and surrounding areas.

## MOBILE PHONES

Delegates are requested to put their mobile phones on silent mode during sessions inside lecture halls and workshops.

## DRESS CODE

The dress code for the meeting is formal. Delegates are advised to bring along a light jacket as the venue is air-conditioned.

## LOST & FOUND

Please take care of all your belongings. The organisers and secretariat will not be held liable in cases of loss, theft or damage to personal belongings. Any found items may be brought to the hotel lobby or kept by the secretariat.

## PARKING

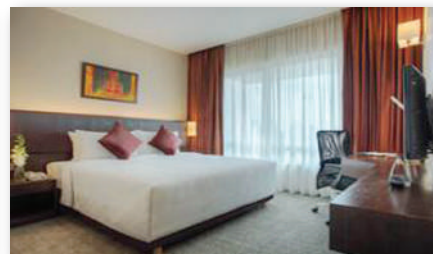
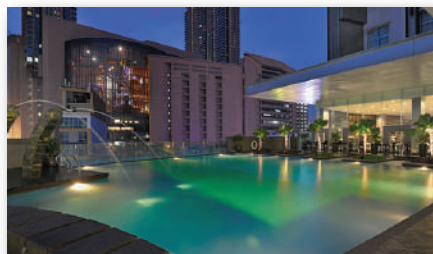
Parking is a flat rate of RM7.00 for conference delegates. Please endorse your parking ticket at the Reception Counter at the hotel lobby before paying via autopay. Autopay stations can be found at level P1 & B1.

## PRAYER ROOM

The prayer room for Muslim delegates is on Level 2.

## PUBLIC TRANSPORT

The hotel is highly accessible via bus, taxi and the Imbi monorail station. The Imbi monorail station is just a five minute walk to the hotel. If you are taking the KLIA Express, Putra LRT Line or KTM (Train), alight at KL Central station and make your way to the KL Central monorail station located in the same building and purchase a ticket to the Imbi station. If you are taking the Star LRT Line, alight at the Titiwangsa or Hang Tuah station and get a monorail to Imbi station. The monorail routes and connecting lines can be found here: [www.myrapid.com.my/rail/routes](http://www.myrapid.com.my/rail/routes).



**RESERVATION FORM**4TH GLOBAL INTERMEDIATE TO ADVANCED HANDS-ON MSK MRI & ULTRASOUND  
CONFERENCE & WORKSHOP 2019 **New Booking**       **Amendment**       **Cancellation**

<b>TO :</b> Reservation Department
<b>Hotel:</b> Furama Bukit Bintang
<b>TEL :</b> 60-3 2788 8863
<b>FAX :</b> 60-3 2788 8866
<b>E-mail:</b> <a href="mailto:izzat@furama.com">izzat@furama.com</a>

**Guest's Information**

Mr/ Mrs/ Ms/ Dr	_____	_____	_____
	Last Name	Email Address	Given Name
Contact Number	_____	_____	_____
Institution Name	_____	_____	_____
Institution Address	_____		
Zip/City Code	_____	Country	_____

**Reservation Requirements**

Room Type	<input type="checkbox"/> Single/Twin Deluxe Room - <b>RM230.00nett</b> (Inclusive of breakfast) *This special delegate room rate price is valid for stay between 19th August to 27th August 2019			
Arrival	_____	_____	_____	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Date	Flight Number	ETA	Airport Transfer
Departure	_____	_____	_____	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Date	Flight Number	ETD	Airport Transfer

\* Limousine rates to be advised.

**Guest's Preference**Preferred Bed     King       Twin       No Preference\* **Subject To Availability.****Payment Instructions** All charges on guest's own account  
 Others (please specify) \_\_\_\_\_

All reservations are held until 6pm on the day of arrival unless guaranteed with a credit card or deposit. Notice of cancellation must be received no later than 24 hours of arrival date to avoid a cancellation penalty equivalent to one room night's charge.

Credit Card	_____	_____	_____
	Credit Card Type/Number	Expiry Date	ID No.
Card Holder's Name	_____		

**Remarks : All Reservation Forms must be submitted before arrival. Room is subject to availability.****Hotel Confirmation (Section to be confirmed by hotel)**

Room Rate	Confirmation Number	Confirmed by	Date
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**IMPORTANT: PLEASE EMAIL THIS FORM DIRECTLY TO THE HOTEL. [izzat@furama.com](mailto:izzat@furama.com)**



Global Futuristic Management Services  
Company Address: Level 41, Vista Tower,  
The Intermark, 348 Jalan Tun Razak,  
50400 Kuala Lumpur, Malaysia  
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