



2ND GLOBAL INTERMEDIATE TO ADVANCED
HANDS-ON MUSCULOSKELETAL MRI & ULTRASOUND
CONFERENCE AND WORKSHOP
FOR RADIOLOGISTS

2017

DATE: 17TH TO 19TH AUGUST 2017

VENUE: KUALA LUMPUR, MALAYSIA

This course provides 22 CPD credits in accordance
with the CPD scheme of the Royal College
of Radiologists UK.

Organised by:



Global Futuristic Management Services
Official Conference Organizer

Official website and online registration:
www.penangmskrad.com



FOREWORD BY COURSE DIRECTOR

Accreditation: 22 Category 1 CPD Points by Royal College of Radiologists UK

Capacity: Only 24 seats for maximum hands-on exposure and personal tutorials. Current availability will be stated in website under the Radiology link.

Pre requisite: Attended any Basic MSK MRI and Ultrasound Course and studied MSK MRI Reporting during Radiology training. Those who have attended the Penang Basic Course will find that this advanced course 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.

Key features:

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

In the ultrasound practical sessions, we don't go through all the basic techniques but the delegates are given 10-15 minutes to begin by asking specific questions, eg: 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 (we have upgraded many of the videos now to high resolution DICOM images and not just the GOM AVI files). The USS images are taken from the high-end new ultrasound equipment over the last one and half years and shows the pathology exquisitely and GE and Philips will showcase their new equipment at the course.

As we need to spend less time on the basic teaching, the cases shown will be the cases which residents and fellows and general radiologists have missed important pathology. For instance, just yesterday there was an MRI request to look for MCL tears and the MCL was reported normal but 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. In this course, we invite a rehabilitation specialist who is expert in ultrasound to teach muscle and nerve anatomy and the workbook that you receive will have additional cross sectional anatomy of the upper and lower limb which will be very useful when you need this for reporting CT, MRI or USS at your workstation.

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. The Intermediate to Advanced course is aimed 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 three questions or areas that they want covered in the course teaching. 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.

FOREWORD BY COURSE DIRECTOR

5. The course is held in Kuala Lumpur with its famed Twin Towers (which is actually visible from the Conference floor tea break room). 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.

6. An added bonus is the commencement of the South East Asian Games in Kuala Lumpur starting 19th August – 30th August 2017. This is a great opportunity to stay a few days to witness the opening ceremony and support your National teams while leveraging on the special delegate Furama room rates. August is also a celebratory month in Malaysia as the nation celebrates its Independence Day. During this time, you can enjoy some great bargains at the Malaysian Mega Sale Carnival which is the country's biggest shopping event. Come with colleagues so that you can have company while enjoying the sights and sounds of Kuala Lumpur.

Places are limited and confirmation is based on actual payment of the registration at this stage.

We look forward to seeing you in Kuala Lumpur from the 17th to 19th of August 2017.

Yours sincerely,

Professor Dr John George

Course Coordinator

Global International Intermediate to Advanced Hands-On MSK MRI & Ultrasound Conference and Workshop for Radiologists

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

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

Day One • 17th August 2017 • Thursday

7.30 am	Registration
8.00 am	Briefing and pre-course MCQ self-assessment.
8.30 am	Lecture: Advanced Musculoskeletal Ultrasound and MRI of the Knee. Refresher of key principles learnt in the Penang course followed by videos of MRI and Ultrasound of intermediate to advanced cases.
10.30 am	Tea break
11.00 am	Practical Ultrasound Session 1: Knee Ultrasound - Interactive session with the faculty demonstrating techniques, interventional approaches and new methods. Ample time for individuals to ask what you want to be shown personally.
1.00 pm	Buffet lunch
2.00 pm	Lecture: Advanced Musculoskeletal Ultrasound and MRI of the Ankle. Refresher of key principles followed by videos of MRI and Ultrasound of intermediate to advanced cases.
4.00 pm	Tea break
4.30 pm	Practical Ultrasound Session 2: Ankle Ultrasound - Interactive session with the faculty demonstrating techniques, interventional approaches and new methods.
6.00 pm	End of session

Day Two • 18th August 2017 • Friday

8.00 am	Lecture: Advanced Musculoskeletal Ultrasound and MRI of the Shoulder. Refresher of key principles followed by videos of MRI and Ultrasound of intermediate to advanced cases. MRI arthrography covered.
10.30 am	Tea break
11.00 am	Practical Ultrasound Session 3: Shoulder Ultrasound - Interactive session with the faculty demonstrating techniques, interventional approaches and new methods.
12.30 pm	Buffet lunch
2.00 pm	Lecture: Advanced Musculoskeletal Ultrasound and MRI of the Elbow and Wrist. Refresher of key principles followed by videos of MRI and Ultrasound of intermediate to advanced cases. Wrist arthrography covered.
3.30 pm	Practical Ultrasound Session 4: Elbow and Wrist Ultrasound - Interactive session with the faculty demonstrating techniques, interventional approaches and new methods.
4.30 pm	Tea Break
5.00 pm	Practical Session 5: Free practical session: Delegates can request facilitators to teach any aspect of musculoskeletal ultrasound of the upper or lower limb.
6.00 pm	End of session

Day Three • 19th August 2017 • Saturday

8.00 am	Lecture: Updates in Synovitis screening, carpal tunnel and imaging of muscle injuries of upper and lower limb including videos and static images of normal and pathology. Lecture on interventional techniques.
9.00 am	MSK MRI and Ultrasound video cases to answer pre-congress questions by delegates.
10.30 am	Tea break
11.00 am	Practical Ultrasound Session 6: Ultrasound of muscle anatomy and review of carpal tunnel and synovitis screening. Review of injection techniques of muscles.
1.00 pm	Buffet lunch
2.00 pm	Teaching session: Selected advanced MRI videos of all joints to emphasise and review major principles in reporting of MSK MRI of the major joints.
3.45 pm	Tea Break
4.00 pm	Post-course Ultrasound assessment test.
4.30 pm	Post-course MCQ test.
5.00 pm	Close of meeting and distribution of certificates.

COURSE INFORMATION

Course 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 Penang MSK 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.

Course Materials & Deliverables:

1. 1 x high quality colour photoprint of advanced powerpoint lecture slides and 1x ultrasound technique workbook (similar to Penang course).
2. 8GB Transfer of Data via USB for Homework containing Video techniques, Software, and E- books by lecturers. This will be similar to the Penang Course but with some additional articles so you can get the latest updates.
3. One experienced demonstrator to about 6 participants for maximum hands-on time; 3 stations of ultrasound with one experienced MSK Radiologist at each demonstrator table and 1 station with a Rehabilitation Specialist who is an expert at Upper and Lower limb nerve and muscle anatomy and injections techniques.

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
Singapore Health Authority

Dr Kavitha Ratnalingam, MREHAB (UM)
Senior Rehabilitation Specialist
Ministry of Health, Malaysia

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 course?

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 Musculo-skeletal Ultrasound. Also ideal for those who would like special training in Upper and Lower limb nerve and muscle anatomy and injections techniques.

Course 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.

Ultrasound providers:



GE HEALTHCARE

PHILIPS

Testimonials from similar past courses:

www.penangmskrad.com

COURSE REGISTRATION & PAYMENT

Course Fees:

Overseas Radiologists

Payment via Bank Transfer: **USD1100** (not including your local bank charges)

Payment via Paypal: **USD1180**

Malaysian Radiologists

Payment via Bank Deposit/Online Transfer: **RM3500**

Registration:

Registration for this course is via online at www.penangmskrad.com. Upon submitting the online registration 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, kindly email us directly at globalfuturistic@gmail.com. Kindly refrain from making any payment until receiving a confirmation on acceptance.

Acceptance & Placement:

Once your place at the conference 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 at the course. Please note that course fees do not include accommodation. Kindly contact the hotel directly for special room rates and booking.

Payment Details:

Bank Name	: Commerce International Merchant Bankers Berhad (CIMB)
Account name	: Global Futuristic Management Services
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 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 US50 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. Registration fees for overseas delegates are in US dollars and if the transferred amount 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 US10 deduction on our side but please be aware that some banks use third parties which may take US10-US30 per transaction and this must be paid back to Global Futuristic if the due transferred amount is more than US10 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 account name 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 course director or secretariat to proceed. Payments that go through prior to confirmation will not be refunded.
10. The programme is fixed, however the course faculty may change in the event of a personal crisis or unavoidable matter. We will do our best to get a faculty of similar calibre.
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/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 course. 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

CONFERENCE SECRETARIAT

Global Futuristic Management Services
Company Address: 20, Jalan 4, Taman Sri Ukay, 68000 Ampang, Selangor.
Tel No: +6012-277 3799
Email: globalfuturistic@gmail.com
Website: www.penangmskrad.com

REGISTRATION

Registration is on 17th August 2017 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 conference 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

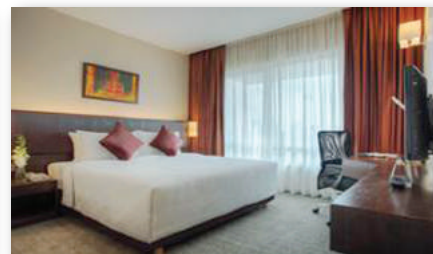
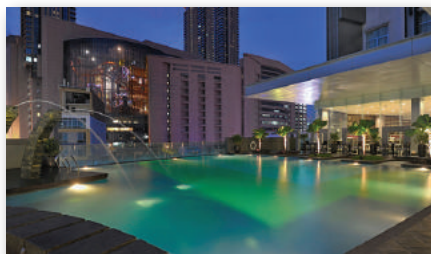
Parking is a flat rate of RM7.00 for conference delegates. Please endorse your parking ticket at the Reception Counter at the hotel lobby before paying via autopay. Autopay stations can be found at level P1 & B1.

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.



RESERVATION FORM

GLOBAL INTERNATIONAL INTERMEDIATE TO ADVANCED HANDS-ON
MSK MRI & ULTRASOUND CONFERENCE & WORKSHOP 2017

New Booking Amendment Cancellation

TO :	Reservation Department
Hotel:	Furama Bukit Bintang
TEL :	60-3 2788 8863
FAX :	60-3 2788 8866
E-mail:	izzat@furama.com

Guest's Information

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

Reservation Requirements

Room Type	<input type="checkbox"/> Single/Twin Deluxe Room - RM230.00nett (Inclusive of breakfast) *This special delegate room rate price is valid for stay between 14th August to 22nd August 2017		
Arrival	Date _____	Flight Number _____	ETA _____
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Airport Transfer
Departure	Date _____	Flight Number _____	ETD _____
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Airport Transfer

* Limousine rates to be advised.

Guest's Preference

Preferred Room	<input type="checkbox"/> Smoking	<input type="checkbox"/> Non Smoking	<input type="checkbox"/> No Preference
Preferred Bed	<input type="checkbox"/> King	<input type="checkbox"/> Twin	<input type="checkbox"/> No Preference

* Subject To Availability.

Payment Instructions

<input type="checkbox"/> All charges on guest's own account			
<input type="checkbox"/> 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

Download the editable version at www.penangmskrad.com



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Ampang, 68000 Selangor, Malaysia
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Email: globalfuturistic@gmail.com

