




# 7TH ASPETAR WORLD RADIOGRAPHY DAY SYMPOSIUM

8th November 2017

## AGENDA

HGI-03-P29: 7th Aspetar World Radiography Day Symposium is an Accredited Group Learning Activity (Category 1) as defined by the Qatar Council for Healthcare Practitioners - Accreditation Department and is approved for a maximum of 7.25 hours.

Orthopaedic & Sports Medicine Hospital  
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# SCIENTIFIC PLANNING COMMITTEE

Salwa Allenjawy

*Chairperson of Scientific Planning Committee /  
Director of Medical Imaging*

Toni Evans

*Vice Chairperson / Senior Radiographer*

Helen Lloyd

*CPD Coordinator / Radiographer*

Dr Emad Almusa

*Chief of Radiology*

Tessa Smith

*Radiographer*

Zuraida Mandaragon Ali

*Radiology Nurse*

Haifa Al-Janubi

*Pharmacist*

Ashley Knight

*Senior Dental Assistant*

Konstantinos Epameinontidis

*Senior Physiotherapist*

Fabricio Forchino

*Sports Dietician*

Bernadette Burke

*Laboratory Medical Technologist*

*"The scientific planning committee has reviewed all disclosed financial relationships of speakers, moderators, facilitators and/or authors in advance of this CPD activity and has implemented procedures to manage any potential or real conflicts of interest."*

## SECRETARIAT

Gillioni Cortbawi

*Event Specialist*

Glendale Calpito

*Radiology Executive Secretary*

Mada Al Saadi

*Radiology Secretary*

# CME/CPD INFORMATION

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## Conditions for acquiring of CME/CPD credits:

The activity 'HGI-03-P29: 7th Aspetar World Radiography Day Symposium' is an Accredited Group Learning Activity (Category 1) as defined by the Qatar Council for Healthcare Practitioners - Accreditation Department and is approved for a maximum of 7.25 hours.

You will be awarded credits only if your profession is included as a part of the target audience which is stated on the following page.

If you are not considered part of the target audience you will be given a certificate of non-accredited attendance only.

You will be awarded credits only for the full sessions you attend. You will be required to show your registration barcode and be scanned in upon entry and exit of each session to be awarded credits for that session.

**Latecomers may be refused entry to the session or be unable to be awarded credits for that session, if the session is well underway. Credits may also be withheld for those leaving a session before its completion.**

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## Evaluations:

During the conference you will be receiving an online evaluation form reflecting your experience concerning the overall conference to complete. This may be completed during the event after each session, or following the event. The evaluation form must be completed in order to receive CME/CPD credits.

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## Certificate of Attendance:

A Certificate of Attendance will be issued. CME/CPD Credits will be provided for members of the target audience who attend qualifying sessions, and your earned credit will be shown on your certificate.

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## Contact Information:

*[helen.lloyd@aspetar.com](mailto:helen.lloyd@aspetar.com)*

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# Target Audience:

The target audience for this symposium includes the medical and healthcare professions of: Radiographers/Radiology Technicians, Radiologists, Radiology students in Qatar, Nurses, Physicians, Pharmacists, Dentists, Dental Hygienists/Assistants, Physiotherapists, Exercise/Sports Scientists, Laboratory Technician and Allied Health Practitioners.

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## Learning Objectives for the event

On completion of this event participants should be able to:

- Identify and Apply interdisciplinary collaboration to improve patient care
- Recall medical imaging techniques utilised in musculoskeletal medicine
- Recognise the importance of physics and instrumentation in medical imaging investigations
- Describe pathologies investigated in Sports medicine

# AGENDA

**07:45**     **Welcome,** Dr Scott Gillogly, *Chief Medical Officer, Aspetar*

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**07:50**     **World Radiography Day Introduction,** Salwa Allenjawi, *Director of Medical Imaging, Aspetar*

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## SESSION 1

Credits 1.75

### Multidisciplinary Approach to the Surgical ACL Reconstruction Patient Pathway

#### Session Learning Objectives

- Recognise the multidisciplinary approach in the patient pathway
- Recall the Imaging requirements for the ACL surgical reconstruction patient
- Observe the complete approach for the post-surgical aftercare of the ACL reconstruction patient

**08:00**     **The Multidisciplinary Approach to the Pre Surgical Meeting,**  
Donna Smith, *Supervisor of Medical Imaging, Aspetar*

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**08:15**     **Imaging Requirements of the Surgical ACL Reconstruction Patient,**  
Dr Philippe Landreau, *Chief of Surgery, Aspetar*

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**08:35**     **The Rehabilitation Component of the Clinical Pathway following ACL reconstruction,**  
Jaleleddine Belhaj, *Lead Clinical Physiotherapist, Aspetar*

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**08:50**     **Using DEXA to Monitor Body Composition Changes in ACL Athletes,**  
Fabricio Forchino, *Sports Dietician, Aspetar*

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**09:05**     **Psychology of the Injured Athlete,**  
Karim Khalladi, *Psychologist, Aspetar*

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**09:20**     **Q&A panel/interactive,**  
Chaired by Tessa Smith, *Radiographer, Aspetar*

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**09:40**     **Refreshment Break**

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## SESSION 2

Credits 1.5

# Magnetic Resonance Imaging The Cardiac Patient

### Session Learning Objectives

- Recognise the influence of MRI in the cardiac screening of the athlete population
- Describe the attributes of MRI for the wrist and ankle

**10:00**     **MRI of the Wrist,**  
Dr Eduardo Yamashiro, *Consultant Radiologist, Aspetar*

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**10:15**     **MRI of the Ankle,**  
Dr Emad Almusa, *Chief of Radiology, Aspetar*

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**10:30**     **The Role of Imaging in Cardiac Screening of the Athlete,**  
Anthony Shaw, *Cardiac Physiologist, Aspetar*

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**10:45**     **The Role of Cardiac MRI in Patient Management: Case Presentation of a Young Male with Cough and Heart Failure,**  
Dr Maryam Al Kuwari, *Chief Radiologist, Hamad Heart Hospital*  
Dr Ashfaq Patel, *Director of Coronary Care Unit, Hamad Heart Hospital*

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**11:15**     **Q&A panel/interactive,**  
Chaired by Tessa Smith, *Radiographer, Aspetar*

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**11:30**     **Lunch Break**

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## Computed Tomography General Radiography

### Session Learning Objectives

- Indicate the importance of radiation protection in Computed Tomography
- Describe the attributes of Computed Tomography, particularly 3D reconstructions
- Compare the variation of technical radiographic views of the wrist and ankle

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#### **12:30 CT Musculo-Skeletal System - Sports Related Imaging: Acquisition Techniques and Cases**

Danielle Shutt, *Radiographer, Aspetar*  
Dr Eduardo Yamashiro, *Consultant Radiologist, Aspetar*

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#### **12:50 CT Arthrogram of the Wrist,**

Michael Worrell, *Radiographer, Aspetar*

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#### **13:05 Optimisation Methods to Reduce Patient Dose in CT,**

Dr Ioannis Delakis, *Medical Physics Manager, Diagnostic Imaging/Radiology, Sidra Medical and Research Center*

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#### **13:20 Diagnostic Imaging for Chronic Plantar Heel Pain,**

Lubna Al Raisi, *Podiatrist, Aspetar*  
Fahad Al-Shamsi, *Podiatrist, Aspetar*

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#### **13:35 X-Ray of the Wrist,**

Simon Hawley, *Radiographer, Aspetar*

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#### **13:45 X-Ray of the Ankle,**

Latifa Saifeldin, *Radiographer, Aspetar*

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#### **13:55 Q&A panel/interactive,**

Chaired by Tessa Smith, *Radiographer, Aspetar*

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#### **14:10 Break**

## Ultrasound

### Session Learning Objectives

- Identify characteristics of Ultrasound physics and instrumentation
- Associate pathologies identified in musculoskeletal ultrasound.

**14:30**     **How It Works: Ultrasound,**  
Dr Ioannis Delakis, *Medical Physics Manager, Diagnostic Imaging/Radiology,*  
*Sidra Medical and Research Center*

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**14:45**     **Doppler Ultrasound in Acute Scrotum,**  
Dr Adham Darweesh, *Senior Consultant Radiologist,*  
*Hamad Hospital*

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**15:00**     **Ultrasound of the Wrist,**  
Dr Maryam Rashed Al-Naimi, *Radiologist, Aspetar*

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**15:15**     **Ultrasound of Muscle,**  
Dr Javier Arnaiz Garcia, *Consultant Radiologist, Aspetar*

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**15:30**     **Q&A panel/interactive,**  
Chaired by Tessa Smith, *Radiographer, Aspetar*

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**15:45**     **Presentations:**  
**Technical Poster Award**  
Salwa Allenjawi, *Director of Medical Imaging, Aspetar*

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**15:55**     **End of Auditorium Presentations,**  
Workshop Attendees move to Workshop Venue

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**16:00 - 17:00**     **Technical Workshops**

## Workshop 1

Credits 0.5

16.00-16:30 / 16:30-17:00

### Session Learning Objectives

- Identify anatomical regions of the Upper limb with the use of Ultrasound
- Visualise and differentiate between structures based on echo signals
- Interpret pathological appearances commonly found in the Upper Limb

### Ultrasound of the Upper Limb

30mins

Dr Javier Arnaiz Garcia, Consultant Radiologist, Aspetar

**Venue:** Ultrasound room, Radiology Department

## Workshop 2

Credits 0.5

16.00-16:30 / 16:30-17:00

### Session Learning Objectives

- Identify anatomical regions of the Lower limb with the use of Ultrasound
- Visualise and differentiate between structures based on echo signals
- Interpret pathological appearances commonly found in the Lower Limb

### Ultrasound of the Lower Limb

30mins

Dr Maryam Rashed Al-Naimi, Radiologist, Aspetar

**Venue:** DEXA room, Radiology Department

# SPEAKER PROFILES

## Mrs Salwa Allenjawi

*Salwa Allenjawi is the Director of Medical Imaging at Aspetar Orthopedics and Sports Medicine Hospital. Salwa has a bachelor degree in radiologic science from Kuwait university and master degree in healthcare management from Royal college of Surgeon in Ireland. Salwa gained 12 years' experience in Hamad Medical Corporation in multidisciplinary areas of Radiology before joining the start-up of Aspetar in 2006. Salwa was the Establisher of the medical imaging Department in Aspetar. She had several initiatives in developing the radiology career in Aspetar. She is directly responsible for the technical and administrative staff in Aspetar's Medical Imaging Department, and she is actively supports and encourages her team to develop new skills and interests within the scope of Medical Imaging.*



## Donna Smith

*Donna Smith currently holds the position of Supervisor of Medical Imaging at Aspetar, Qatar Orthopaedic and Sports Medicine Hospital. Donna is a New Zealand trained Radiographer/Sonographer/MRI Technologist with extensive clinical experience obtained working in New Zealand, Australia, the United Kingdom, Saudi Arabia, the UAE and for the past 6 years Doha, Qatar. Donna has a particular interest in MR Safety and recently became a certified MR Safety Officer and is currently the only MRSO in the GCC.*



## Dr Philippe Landreau

*Dr Philippe Landreau is an Orthopaedic Surgeon and currently the Chief of Surgery at Aspetar Orthopaedic and Sports Medicine Hospital in Doha, Qatar. He specializes in sports traumatology, knee, shoulder and arthroscopic surgery. Before joining Aspetar, he previously worked in Paris, France, where he combined private and public surgical activity (Clinique du Sport, American Hospital of Paris, Hôpital La Pitié-Salpêtrière).*



*Throughout his career, Dr Landreau was the reference surgeon for numerous regional and national sports teams including the Stade Français Rugby team, the French National Judo team, the French National Handball feminine team, and the American Football Flash team, etc.*

*He is currently co-Chairman of the Development Committee of ISAKOS (International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine) and member of the ISAKOS Program Committee.*

*In addition, Dr Landreau partakes multiple editorial positions in the field of sports traumatology including the Director of Book Collection, Editor- In- Chief, and member of the Scientific Committee of several publications.*

## Jaleleddine Belhaj

*Jaleleddine is a Lead Clinical Physiotherapist at Aspetar Orthopaedic and Sports Medicine Hospital. He graduated in physiotherapy in 1980 at: Faculte de medicine de Tunis. He has worked as sports physiotherapist since 1980 with several teams and national teams in Tunisia and in the gulf region.*



*His participation in ASPETAR began in 2006 as a volunteer when he was involved in the development of the new assessment and treatment protocols and the training of the newly recruited physiotherapists by way of lectures and workshops. He began his formal employment in 2007 in the role of lead clinical physiotherapist.*

# SPEAKER PROFILES

## Fabricio Forchino

*Fabricio is a Sports Dietitian within the Exercise and Sports Sciences Department at Aspetar who has been working in the field of sports nutrition since 2003. During this time, he has worked extensively with high performance athletes, coaches and teams across a number of sports and from different countries. Fabricio completed his training in Dietetics and earned his ISAK Level 3 accreditation in Argentina. Following this he moved to Australia where he worked on several large research projects and was involved with leading anthropometry courses within the Health and Use of Time (HUT) Group at the University of South Australia (UniSA). Later, he completed the IOC Diploma in Sports Nutrition and was granted with distinction for his research project on 3D body scanning technology for his MSc in Sport Nutrition from University of Stirling (UK). Since joining Aspetar in January 2011, he has developed and implemented applied sports nutrition to Qatar Football, Handball and Volleyball National Teams, and Athletics. In addition, he has organized and run the first ISAK certification course in the Gulf region, and developed a number of nutrition workshops for athletes, coaches and sport science personnel.*



## Karim Khalladi

*Mr. Karim Khalladi is a licensed Clinical and Sports Psychologist. After successful completion of his Masters of Clinical and Sports Psychology in France he has worked closely with many Federations and Clubs in France and Qatar. These federations include the sports of Karate, Taekwondo, Futsal, Volley Ball, Swimming and Football. He has been a lecturer in the Faculty of Sport Sciences and Physical Education at the University of Montpellier, France. While based in Doha, he has extended his training into the fields of Hypnotherapy, Personal Development and Human Resource Solutions. He is currently working in Aspetar's Exercise and Sports Science department, where he has been stationed since its opening in 2007.*



## **Tessa Smith**

*Tessa Smith is a Radiographer at Aspetar Sports and Orthopaedic Hospital in Qatar. She came to this position 3 years ago after spending 2 years in Sydney, Australia, 5 years in Edinburgh, Scotland and 2 years in Adelaide, Australia. During this time she has directed her studies and self-directed learning to Cross-Sectional Imaging in a wide range of specialties. Radiography has enabled her to travel the world and work with aspiring people. Her motto; 'Every day is a school-day'*



## **Dr Eduardo Yamashiro**

*Dr Eduardo Yamashiro completed his residency and fellowship training in musculoskeletal radiology at the University of São Paulo, Brazil. He subsequently went to a musculoskeletal fellowship at the University of California San Diego, USA. He then returned to Brazil and took over the leadership of the musculoskeletal section of the Radiology Department at Hospital Santa Luzia and worked as an assistant professor at the University of Brasilia. He later moved to São Paulo where he joined Fleury, Hospital do Coracao and Hospital Sao Camilo, three of the largest and leading healthcare groups in the country. During this period of time he was consistently working together with several athletes from different levels including world class professionals and Olympic medalists, from different sports including soccer, volleyball, judo, tennis and athletics.*



# SPEAKER PROFILES

## Dr Emad Almusa

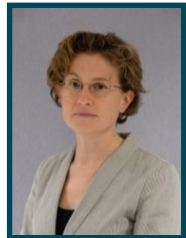
*Emad Almusa completed his residency and fellowship training in Musculoskeletal Radiology at the University of Pittsburgh Medical Center (UPMC). He then joined the Department of Radiology at New York University as an Assistant Professor in the Musculoskeletal Department before returning to UPMC where he became the Fellowship Director for the programme. During this time, he gradually gained valuable knowledge and exposure to the different conditions a Musculoskeletal Radiologist will encounter in practice, from arthritides, oncology and sports. He has gained a lot of experience working with athletes of all levels, including collegiate and professional and had the opportunity to work with athletes of multiple sports including soccer, football, ice hockey, basketball and baseball. With each sport, certain injuries are more commonly seen, giving him experience in all aspects of sports imaging including shoulder, elbow, wrist, hip, knee and foot/ankle. Dr Emad has published various peer-reviewed articles and book chapters and has a particular interest in sports imaging.*



## Dr Victoria Watt

*PhD, FRCP (London), MB ChB (Honours), B Med Sci (Class I Honours)*

*Dr Victoria Watt is a consultant cardiologist in the department of Musculoskeletal Medicine and Athlete Screening. Prior to her appointment to Aspetar in January 2014, Dr Watt trained in medicine and cardiology in the United Kingdom and was a consultant cardiologist at one of the largest teaching hospitals in the UK, with a subspecialty practice in heart failure, cardiomyopathy, echocardiography and device therapy. She has accreditation for echocardiography with the British Society of Echocardiography. Dr Watt has an interest in sports cardiology and the 'athlete's heart', inherited cardiac conditions, cardiomyopathy and cardiac imaging. Dr Watt is one of two full-time cardiologists at Aspetar, working in a department which, over the last 5 years, has carried out cardiac screening on over 10,000 athletes.*





## Dr Maryam Al Kuwari

*Dr Maryam Al Kuwari, MD is a senior consultant Radiologist and Chief Radiologist at the Hamad Medical Corporation Doha, Qatar with special interest in Cardiac Imaging. Currently managing as the Head of Cardiac Imaging service across HMC. She received fellowship in both Cardiac CT Angiography and Cardiac Magnetic Resonance Imaging from German Heart Institute, Berlin, Germany and Stephenson CMR center, University of Calgary, Canada. Dr. Maryam is Level III accredited in Cardiac CT Angiography from Lenox Hill hospital Heart & vascular Institute, New York USA. Dr. Maryam is member of the SCMR, SCCT. She has published / co-authored many articles, multiple peer reviewed papers of Clinical cardiac Imaging and her research activities focuses on the application of cardiac noninvasive imaging to adult heart disease. Dr. Maryam is the chairperson of Qatar Cardiac imaging conference in Qatar. Dr. Maryam has achieved HMC Star of excellence award in the year 2013 in performance category.*



## Dr Ashfaq Patel

*Dr Ashfaq Patel is a Senior Consultant Cardiologist and the Director of the Coronary Care Unit of Hamad Heart Hospital. He graduated from the University of Brussels in 1985, and received his post graduate in Internal Medicine in UK: MRCP, FRCP. Dr Patel followed this with post graduate training in Cardiology: FESC, FACC. He joined Hamad Medical Corporation as Senior Consultant Cardiologist in 2012.*

# SPEAKER PROFILES

## Danielle Shutt

*Danielle Shutt is a Diagnostic Radiographer currently working at Aspetar, Qatar. She joined Aspetar in 2015. Danielle qualified as Radiographer in 2007 through the University of Central England. Before joining Aspetar, Danielle worked in an outpatient center as a Senior Magnetic Resonance Imaging Radiographer (MRI), providing the lead in Breast MRI services, carrying out musculoskeletal, oncology, vascular and neurology scans. Prior to this she worked in a small busy city hospital covering theatre, outpatients, fluoroscopy procedures, on-call services and here obtained MRI experience. In 2010 Danielle completed a Post Graduate Certificate in Forensic Radiography as this is one of her keen interests. She is also a member of the United Kingdom Forensic Radiology Response Team (UKFRRT) and before joining Aspetar took part in yearly training sessions for Mass Disaster Victim Identification provided by the Home Office of the United Kingdom.*



## Michael Worrell

*Michael Worrell is currently working as a Radiographer at Aspetar Orthopaedic and Sports Medicine Hospital in Doha, Qatar. Michael has gained experience working at various institutions over the years including St. Luke's/Texas Heart Institute, Memorial Hermann/Texas Trauma Institute and most recently at King Abdulaziz Medical City in Riyadh Saudi Arabia. He has held various roles from Staff Radiographer, Senior Technologist, Supervisor and also Clinical Site Instructor for Radiography students. Michael is a member of the ASRT and AHRA professional societies. Michael has recently achieved a Masters in Health Care Management.*



## Dr Ioannis Delakis

After completing his degree in Physics, Ioannis specialized in the field of medical Physics with an MSc and PhD at Imperial College London. Then, Ioannis carried on working as a medical physicist in the United Kingdom for the Department of Health and the National Health Service (NHS), and joined Sidra in Qatar in 2014 as manager of the medical physics group. His main work and research interests lie in safety, image quality and mammography. He is a member of the American and British medical physics professional bodies and is certified to work in both MRI and X-ray imaging.



## Lubna Al Raisi

Lubna Al Raisi is a sports podiatrist who has joined Aspetar in December 2016, where she has specialized in podiatric management and treatment of foot and ankle injuries among athletes. She has graduated from Latrobe University, Melbourne, Australia in 2013 and has gained clinical experience from her country of origin Sultanate of Oman in various aspects of podiatry. She has special interest in women sports and worked closely with elite tennis players.



## Fahad Al-Shamsi

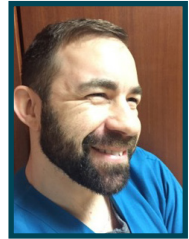
Fahad Al-Shamsi is a Sports Podiatrist who specializes in foot injury assessment, gait analysis, biomechanical assessments, foot orthotic design and manufacture. He gained his bachelor of podiatry in 2008 from La Trobe University and master of podiatry in 2010 from University of South Australia. In 2009 he worked at Swan Hill Hospital and then from 2010 to 2016 he was the podiatrist in charge of the podiatry clinic at Royal Hospital, Oman.



# SPEAKER PROFILES

## Simon Hawley

*Simon Hawley is currently employed as a Radiographer at Aspetar Orthopaedic and Sports Medicine Hospital in Doha, Qatar. Simon achieved an Associate's Degree in Radiologic Technology at Rochester Community University in New York. He has spent over ten years working as a locum radiographer throughout much of the USA. Following this he worked for four years at the King Edward VIII Hospital in Bermuda. Simon is a member of the AART professional society.*



## Latifa Saifeldin

*Latifa Saifeldin completed the Diagnostic Radiography program through the College of North Atlantic Qatar in 2008 and took up a position as Radiographer at Aspetar since 2009. Latifa has been employed at Aspetar since that time and is involved in MRI, CT and general radiography. She also practiced in HMC as part of general field, especially in trauma room and mammogram.*



## Dr Adham Darweesh

*Dr Adham Darweesh is a senior consultant radiologist at Hamad Medical Corporation , specialized in GI&GU imaging.*

*He is the head of Body imaging and is the fellowship program director.*

*Dr Darweesh received his medical degree (MD) from the University of Belgrade, Yugoslavia in 1993 and his speciality degree FRCR from The Royal College of Radiologists in London in 2005 and Jordanian Board of diagnostic radiology in Amman 2005.*

*He has been trained in different countries and institutions; including Palestine, London, Boston and Hamad medical corporation.*

*Dr Adham is a core faculty of the residency program and is the deputy program director. He is also an A/professor of Clinical Radiology at Weill Cornell Medical College - Qatar as well as a core member of various MDTs and Member of the GI and Thyroid Qatar National Tumor Board.*



## Dr Maryam Rashed Al-Naimi

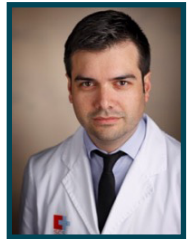
*Dr Al Naimi is a Qatari Radiologist. She completed her medical training at King Faisal University in Saudi Arabia in 2005. She specialised in Radiology in 2012 at King Fahad Specialist Hospital in Damman (KSA). She is currently a Radiology Fellow at Aspetar since 2015.*



## Dr Javier Arnaiz Garcia

*Dr Arnaiz is a Spanish trained Radiologist with a focus on musculoskeletal diseases and Sports injuries. He completed his medical training at University of Cantabria in 2002. He specialised in Radiology in 2007. He has completed his training in Radiology in USA and France. He has a faculty appointment as lecturer of Radiology at University of Cantabria, Spain.*

*Dr Arnaiz research interest includes cartilage imaging, apophyseal injuries and muscle imaging. He has authored over 30 peer-reviewed papers focusing on musculoskeletal imaging. He has participated as volunteer in humanitarian missions in Malawi and Benin.*



# Notes

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