It was honour and privilege to organize the 19th World Federation for Ultrasound in Medicine and Biology (WFUMB) Congress on November 4-7, 2023 in the Oman Convention and Exhibition Center Muscat, Oman.

The congress was rich with an outstanding group of high-profile speakers and world-leading from across the globe. The scientific agenda covered a wide range of exciting topics within the various fields of latest advances in elastography, portable ultrasound, innovations such as artificial intelligence, 3D/4D, interventions and contrast agents, among others and a dedicated International Contrast Ultrasound Society (ICUS) session.

The WFUMB Congress was home to a variety of educational platforms including panel discussions, refresher courses, abstract and research paper review and industry symposia; all curated in an effort to keep professionals in academia and industry updated with recent research and rapid developments in the field.

We would like to express our sincere appreciation to all participants, sponsors, exhibitors, supporting organizations and committee members who made this congress a success.

Sincerely yours,

Dr. Saqar Altai
FRCR, The President of the Oman Society of Ultrasound in Medicine
Senior Consultant of Radiology
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The Congress concluded with participation from 89 countries and a total of 1,095 total attendees registered to the congress. The scientific program content offered 48 sessions, 232 lecture topics, 15 industry symposiums and 13 workshops during the 4 days program.

There were 150 speakers from 49 countries who contributed in the 4 days congress program.

**Congress Objectives:**

- Obtain critical updates on new technology, products and procedures
- Network with professional colleagues from across the country and around the world
- Evaluate a range of Ultrasound-related products for use in your clinical practice
- Expand your Ultrasound knowledge into new specialty areas
- Review research findings that impact your elastography, portable ultrasound and innovations at the poster sessions and abstract presentations
- Get grounded in Ultrasound basics if you are new to the field

The 4-day congress targeted participation from the following areas of practice:

- Applications specialists in ultrasound
- Nurses
- Physicians
- Residents and fellows in all medical and surgical specialties
- Students & Intern
- Technicians
The congress envisioned the following benefits for the participants through this activity:

- **Earn 23 CME hours by Oman Medical specialty board**
- Meet & learn from an outstanding group of high-profile international speakers who will cover a range of exciting topics in the latest researches & updates on rapid developments occurring in the field of Ultrasound, MSK, Critical care, Obstetrics and gynecology and various other topics.
- Enhances their knowledge on the latest & up to date technologies in the field of Ultrasound, MSK, Critical care, Obstetrics and gynecology and various other topics.
- Network, meet and build relationships with their peers in the field of ultrasound and biology.
- Participate in various comprehensive information session including panel discussion.
Congress Venue

The congress was held in iconic Oman Convention and exhibition center Muscat – Oman.

The Oman Convention & Exhibition Centre is located in its own fully integrated precinct only four kilometers from Muscat International Airport. The design of the Centre ensures a flow of the meeting spaces to suit the most discerning conference and exhibition organizers. It also incorporates expansive concourse areas to enable ease of large delegations with floor-to-ceiling windows overlooking landscaped gardens and water features.

The Centre features two tiered auditoriums to seat 3,200 and 456, while the five exhibition halls feature 22,396 square meters of column-free exhibition space. Hall 1 acts as a multi-purpose space for plenary sessions, concerts, performances, and gala dinners on a larger scale. Halls 1 & 2 combined can seat over 10,000 seated in theatre style.

The Centre also includes an additional 20 meeting rooms for 25-360 delegates, the Grand Ballroom seats up to 1,100 guests in banquet style, the Junior Ballroom seats up to 540 guests for a banquet, 10 hospitality suites, and a VIP Pavilion. In total the Centre offers over 55 meeting space options plus a multi-story car park with a capacity for 4,000 vehicles.

The Precinct provides the infrastructure necessary to host successful international, regional and local events and is there for the enjoyment of delegates, visitors and the local community. The precinct includes a JW Marriott Hotel (five star) linked to the Convention Centre, Crowne Plaza Hotel (four star). A business park, surrounded by a nature reserve, which is a haven for Oman’s exotic birdlife, together with parklands and a wadi (valley), are also part of this picturesque precinct.
The opening ceremony of the 19th World Federation for Ultrasound in Medicine and Biology (WFUMB) began with recitation of the Holy Quran.

The inaugural speech was then delivered by Dr. Saqar Altai, President of Oman society of ultrasound in Medicine.

Dr. Altai, emphasized on the importance of developing innovation ideas aimed to develop the Ultrasound and biology department locally and internationally and to train healthcare professionals with the latest medical equipment’s and practices.

He also encouraged keeping up with the rapid developments occurring in the field of Ultrasound and biology improve the standard of care for patients in the Oman.
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Fellowship McMaster University, Canada
Consultant Radiologist / Cross Sectional and Breast Imaging , Royal Hospital
Muscat, Oman

Dr. Khamis Al Muzahmi
MD, FRCR, Radiology KHOULA hospital
Senior consultant
Muscat, Oman

WFUMB2023.org | #WFUMB2023 | #IPEvents
The CME/CPD Accreditation:

The World Federation of Ultrasound in Medicine and Biology – WFUMB is accredited with 23 CME Points by Oman Medical Specialty Board.
The congress conducted a 1-day Pre-conference and 3-day program covering a rich scientific program spanning over 6 parallel tracks included scientific sessions, industry workshops, live demonstration clinic workshop sessions and symposiums.

The scientific program was categorized for the 2023 audience in the following manner:

Scientific Session tracks:
- HALL 1
- HALL 2
- HALL 3
- HALL 4A
- HALL 4B
- HALL 5
Over the course of the 19th World Federation for Ultrasound in Medicine and Biology (WFUMB) Congress 59 abstracts were approved for poster presentation.

Poster Selection Jury in the 19th World Federation for Ultrasound in Medicine and Biology (WFUMB) Congress 2023:

- Dr. Nihal Al Riyami  Chairman – Oman
- Dr. Saqar Altai  Member – Oman
- Dr. Aliya Al Barwani  Member – Oman
- Dr. Hussain Al Bulushi  Member – Oman
- Dr. Badriya Al Qassabi  Member – Oman
- Dr. Moza Al Kalbani  Member – Oman
- Dr. Jokha Al kalbani  Member – Oman
- Dr. Ayman Al Hadidi  Member – Oman
- Dr. Abdulmunim  Member – Oman
- Dr. Asma Al Shidhani  Member – Oman
- Dr. Amal Al Shibli  Member – Oman
- Dr. Yahya Al Brashdi  Member – Oman

POSTERS ABSTRACT WINNERS:

1st Winner:
Author: Dr. – Saudi Arabia
Title: Burnout phenomena Among Dermatologists: A Systematic Review and Meta-Analysis
Co-Author: Rua’a Alharithy, Saad Al Talhaab

2nd Winner:
Author: Dr. Amal Kerouach - Morocco
Title: The Prevalence Of Polycystic Ovary Syndrome In Women Consulting for ACNE: A Prospective Observational Study Of 206 Cases
Co-Author: Hali Fouzia, Soumiya Chiheb, Naima Samouh, ElHoucine Boufettal

3rd Winner:
Author: Dr. Mohammed Abdullah Al-Sibani - Oman
Title: Fabrication, characterization and wound healing application of Hydroxyethyl cellulose/sodium alginate/ hyaluronic acid composite hydrogels: By a green chemistry approach
The following topics were the highlights of the congress:

- Abdominal ultrasound
- Breast ultrasound
- Contrast enhanced ultrasound
- Critical care ultrasound
- Emergency ultrasound

**Hands on Workshops**

- MSK ultrasound
- Obstetrics and Gynecology Ultrasound
- Pediatric ultrasound
- Small parts ultrasound
- Ultrasound Elastography
- Ultrasound in primary health care
- Vascular ultrasound

The following sessions were distributed across the four days:

**Day 1:** POCUS Workshop, MSK Workshop

**Day 2:**
- Session 1: Neck Ultrasound
- Session 2: Vascular Ultrasound
- Session 3: Cerebral Vascular Ultrasound - ESNCH
- Session 4: Ultrasound of Upper limb (1)
- Session 5: Ultrasound of Upper limb (2)
- Session 6: Advanced MSK Ultrasound - 1
- Session 7: Oncology & IR
- Session 8: Elastography in clinical practice
- Session 9: Liver Fat Quantification
- Session 10: GI Ultrasound
- Session 11: Abdominal
- Session 12: Abdominal (Spleen, Pancreas, & Adrenals)
- Session 13: Obstetrics & Gynecology
- Session 14: Obstetrics & Gynecology
- Session 15: Obstetrics & Gynecology
- Session 16: Ultrasound Education

**Day 3:**
- Session 17: General Principles of Breast Ultrasound
- Session 18: Breast Ultrasound Screening & Diagnostic
- Session 19: Student Ultrasound Education
- Session 20: Young Investigator
- Session 21: Ultrasound of Lower Limb (1)
- Session 22: Ultrasound of lower limb (2)
- Session 23: Advanced MSK Ultrasound – 2
- Session 24: Ultrasound in pediatric emergencies
- Session 25: Renal imaging – when and how to image
- Session 26: Pediatric Workshop
- Session 27: CEUS – ICUS (1)
- Session 28: CEUS – ICUS (2)
- Session 29: CEUS – ICUS (3)
- Session 30: Obstetrics & Gynecology (1)
- Session 31: Obstetrics & Gynecology (2)

**Day 4:**
- Session 32: Critical Care and Emergency Ultrasound (1)
- Session 33: Critical Care and Emergency Ultrasound (2)
- Session 34: Critical Care and Emergency Ultrasound (3)
- Session 35: Abdominal
- Session 36: Small Parts, Vascular & Pediatrics
- Session 37: Obs & Gyn for Primary Healthcare
- Session 38: Ultrasound in neonatal intensive care
- Session 39: MSK ultrasound in children
- Session 40: Pediatric Neck and Chest
- Session 41: Elastography in clinical practice (1)
- Session 42: Elastography in clinical practice (2)
- Session 43: Safety, Advance Technology & Artificial Intelligence
- Session 44: Ultrasound Education
- Session 45: Obstetrics & Gynecology (1)
- Session 46: Obstetrics & Gynecology (2)
- Session 47: Obstetrics & Gynecology (3)
- Session 48: Ultrasound of Neck
The following topics were the highlights of the congress:

• Abdominal ultrasound
• Breast ultrasound
• Contrast enhanced ultrasound
• Critical care ultrasound
• Emergency ultrasound

Hands on Workshops

• MSK ultrasound
• Obstetrics and Gynecology Ultrasound
• Pediatric ultrasound
• Small parts ultrasound
• Ultrasound Elastography
• Ultrasound in primary health care
• Vascular ultrasound

The following sessions were distributed across the four days:

Day 1:
- POCUS Workshop
- MSK Workshop

Day 2:
- Session 1: Neck Ultrasound
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- Session 6: Advanced MSK Ultrasound – 1
- Session 7: Oncology & IR
- Session 8: Elastography in clinical practice
- Session 9: Liver Fat Quanti/fication
- Session 10: GI Ultrasound
- Session 11: Abdominal
- Session 12: Abdominal (Spleen, Pancreas, & Adrenals)
- Session 13: Obstetrics & Gynecology
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- Session 45: Obstetrics & Gynecology (1)
- Session 46: Obstetrics & Gynecology (2)
- Session 47: Obstetrics & Gynecology (3)
- Session 48: Ultrasound of Neck
# Day 1 Saturday - 4 November 2023

## POCUS - Workshop

### Registration

07:30 - 08:00

### Session 1:

- **08:00 - 08:15** 
  - Introduction: What is POCUS (Point of Care Ultrasound)?
  - Badar Al Hamrashdi

- **08:15 - 08:45** 
  - Ultrasound Physics and Knobology, Essentials of image generation & optimization; tips and pitfalls
  - Rashid Al Araimi

- **08:45 - 09:15** 
  - Lung ultrasound Assessment: Is there a pneumothorax? Is there a pleural effusion?
  - Suad Al Bulushi

- **09:15 - 10:15** 
  - Hands on training (Lung)
  - All Instructors

### Coffee Break

10:15 - 10:30

### Session 2:

- **10:30 - 11:00** 
  - FAST Assessment: Is there free pericardial or peritoneal fluid?
  - Noora Al Sukaiti

- **11:00 - 12:00** 
  - Hands on training (FAST)
  - All Instructors

- **12:00 - 12:20** 
  - Basic Echocardiography Assessment: Sono-natomy (pericardium, cardiac chambers & valves)
  - Moza Al Kalbani
  - Four basic cardiac views
  - Pathology (pericardial effusion, global systolic function, RV/LV enlargement)

- **12:20 - 13:20** 
  - Hands on training (Basic ECHO)
  - All Instructors

### Lunch and Prayer Break

13:20 - 14:00

- **14:00 - 15:00** 
  - Scanning Review (30 min per station) Lung/EFAST/ECHO
  - All Instructors

- **15:00 - 15:30** 
  - POCUS training & credentialing
  - Amal Al Shibli

- **15:30 - 14:00** 
  - Closing remarks

## MSK - Workshop

### Registration

08:00 - 09:00

### Session 1: Shoulder Ultrasound

- **09:00 - 11:00** 
  - Live Demo
  - Carlo Martinoli

- **11:00 - 11:15** 
  - Coffee Break

- **11:15 - 12:15** 
  - Hands-On
  - All Instructors

- **12:15 - 13:30** 
  - Lunch Break

### Session 2: Ankle & Foot (Hands-on)

- **13:30 - 15:30** 
  - Live Demo
  - Carlo Martinoli

- **15:30 - 16:30** 
  - Hands-On
  - All Instructors

- **16:30 - 17:00** 
  - Q & A
  - Carlo Martinoli
# SCIENTIFIC PROGRAM

## Day 2 Sunday

### 5 November 2023

#### Hall 1

<table>
<thead>
<tr>
<th>Timing</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>08:00 - 09:00</strong></td>
<td>Registration</td>
<td></td>
</tr>
<tr>
<td><strong>09:00 - 11:00</strong></td>
<td><strong>Session 1: Neck Ultrasound</strong>&lt;br&gt;Moderators: Ali Al Miquali &amp; Dana Stoian</td>
<td></td>
</tr>
<tr>
<td>09:00 - 09:20</td>
<td>Thyroid Nodules, what the clinician needs to know</td>
<td>Ali Al Miquali</td>
</tr>
<tr>
<td>09:20 - 09:40</td>
<td>Ultrasound criteria for risk of thyroid nodules “TI-RADS &amp; guidelines”</td>
<td>Cristina Chammas</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>Multiparametric Ultrasound in the diagnostic of hyperthyroidism - An Algorithm</td>
<td>Dana Stoian</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Evaluation of cervical lymph nodes (Duplex scan &amp; color doppler)</td>
<td>Cristina Chammas</td>
</tr>
<tr>
<td>10:20 - 10:40</td>
<td>Multiparametric Ultrasound in the diagnostic of hyperparathyroidism</td>
<td>Dana Stoian</td>
</tr>
<tr>
<td>10:40 - 11:00</td>
<td>Microwave ablation for papillary thyroid microcarcinoma with and without ultrasound-detected capsule invasion: A multicenter prospective cohort study</td>
<td>Ping Liang</td>
</tr>
<tr>
<td><strong>11:00 - 11:20</strong></td>
<td><strong>Coffee Break</strong></td>
<td></td>
</tr>
<tr>
<td><strong>11:20 - 13:00</strong></td>
<td><strong>Session 2: Vascular Ultrasound</strong>&lt;br&gt;Modulators: Seung Kim &amp; Maryla Kuczynska</td>
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<tr>
<td>11:20 - 11:40</td>
<td>Update on CEUS for carotid Artery</td>
<td>Pintong Huang</td>
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<tr>
<td>11:40 - 12:00</td>
<td>Nutcracker phenomenon and nutcracker syndrome: Comparison of Doppler ultrasound and CT findings</td>
<td>Seung Kim</td>
</tr>
<tr>
<td>12:00 - 12:20</td>
<td>Challenges in Renal Vascular Doppler</td>
<td>Sudheer Gokhale</td>
</tr>
<tr>
<td>12:20 - 12:40</td>
<td>Ultrasound imaging in the evaluation of renal graft complications.</td>
<td>Maryla Kuczynska</td>
</tr>
<tr>
<td>12:40 - 13:00</td>
<td>Mechanistic insights into the emerging approach of antivascular ultrasound in oncology</td>
<td>David Goertz</td>
</tr>
<tr>
<td><strong>13:00 - 14:30</strong></td>
<td><strong>Lunch Break</strong></td>
<td></td>
</tr>
<tr>
<td><strong>14:30 - 16:50</strong></td>
<td><strong>Session 3: Cerebral Vascular Ultrasound - ESNCH</strong>&lt;br&gt;Modulators: Leandro Fernandez &amp; Eva Bartels</td>
<td></td>
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<tr>
<td>14:30 - 14:50</td>
<td>Carotid Doppler</td>
<td>Leandro Fernandez</td>
</tr>
<tr>
<td>14:50 - 15:10</td>
<td>Ultrasound imaging of non-atherosclerotic vasculopathies</td>
<td>Fabienne Perren</td>
</tr>
<tr>
<td>15:10 - 15:30</td>
<td>Transcranial duplex sonography and Perfusion imaging using TCCS</td>
<td>Eva Bartels</td>
</tr>
<tr>
<td>15:30 - 15:50</td>
<td>Transcranial Color-coded doppler TCCD: Technique and use in sickle cell disease</td>
<td>Leandro Fernandez</td>
</tr>
<tr>
<td>15:50 - 16:10</td>
<td>TCD role for Neurocritical Care</td>
<td>Alexander Razumovsky</td>
</tr>
<tr>
<td>16:10 - 16:30</td>
<td>An overview of ultrasound of Peripheral nerves</td>
<td>Syed Amir Gilani</td>
</tr>
<tr>
<td>16:30 - 16:50</td>
<td>Group Discussion</td>
<td>All speakers</td>
</tr>
</tbody>
</table>
## Session 4: Ultrasound of Upper limb (1)
**Moderators:** Hussain Al Bulushi & Leila Aghaghazvini

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 09:20</td>
<td>Rotator cuff ultrasound: State of art</td>
<td>Felipe Carneiro</td>
</tr>
<tr>
<td>09:20 - 09:40</td>
<td>Ultrasound of coracoid area</td>
<td>Carlo Martinoli</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>Ultrasound of long head of biceps and pectoralis major</td>
<td>Felipe Carneiro</td>
</tr>
<tr>
<td>10:00 - 11:00</td>
<td>High resolution ultrasound of the shoulder, tendons and beyond</td>
<td>Carlo Martinoli</td>
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<td></td>
<td>(Organized by Canon Medical Systems)</td>
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</tbody>
</table>

## Session 5: Ultrasound of Upper limb (2)
**Moderators:** Abeer Al Riyami & Varaprasad Vemuri

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:20 - 11:40</td>
<td>Normal sonography technique and anatomy of the wrist</td>
<td>Mohammed Salman</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>Ultrasound of carpal tunnel syndrome</td>
<td>Varaprasad Vemuri</td>
</tr>
<tr>
<td>12:00 - 12:20</td>
<td>Ultrasound of the fingers</td>
<td>Carlo Martinoli</td>
</tr>
<tr>
<td>12:20 - 12:40</td>
<td>Ultrasound of the thumb tendons and ligaments</td>
<td>Carlo Martinoli</td>
</tr>
<tr>
<td>12:40 - 13:00</td>
<td>Discussion</td>
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</table>

## Session 6: Advanced MSK Ultrasound - 1
**Moderators:** Khamis Al Muzahmi & Ramy Mansour

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:30 - 14:50</td>
<td>Ultrasound of small joints in Rheumatologic Diseases</td>
<td>Leila Aghaghazvini</td>
</tr>
<tr>
<td>14:50 - 15:10</td>
<td>Ultrasound of nerve pathology: Can we see it and treat it?</td>
<td>Chueh-Hung Wu</td>
</tr>
<tr>
<td>15:10 - 15:30</td>
<td>Ultrasound Guided injections of Shoulder</td>
<td>Ramy Mansour</td>
</tr>
<tr>
<td>15:30 - 15:50</td>
<td>Ultrasound of soft tissue tumor and tumor like lesions</td>
<td>Varaprasad Vemuri</td>
</tr>
<tr>
<td>15:50 - 16:10</td>
<td>Ultrasound of neck pathology: Pain/dystonia/dysphagia</td>
<td>Chueh-Hung Wu</td>
</tr>
<tr>
<td>16:10 - 16:30</td>
<td>Ultrasound of Post operative knee</td>
<td>Ivan Quiros</td>
</tr>
<tr>
<td>16:30 - 16:45</td>
<td>Discussion</td>
<td></td>
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</table>
## SCIENTIFIC PROGRAM

### DAY 2  SUNDAY  
5 NOVEMBER 2023

### TIMING

<table>
<thead>
<tr>
<th>Timing</th>
<th>ABDOMINAL</th>
<th>HALL 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00 - 09:00</td>
<td>Registration</td>
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</table>

#### Session 7: Oncology & IR
**Moderators:** Mahmood Al Hajri & Won Jae Lee

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 09:20</td>
<td>Progress in imaging Diagnosis of Hepatocellular Carcinoma</td>
<td>Won Jae Lee</td>
</tr>
<tr>
<td>09:20 - 09:40</td>
<td>Ultrasound-Guided liver ablation: Basic beyond novel</td>
<td>Hyunchul Rhim</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>THE ROLE OF THE CEUS IN INTERVENTIONAL PROCEDURES</td>
<td>Franca Meloni</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Ultrasound-Guided liver Ablation for Hepatic Dome Lesion</td>
<td>Hyunchul Rhim</td>
</tr>
<tr>
<td>10:20 - 10:40</td>
<td>CEUS &amp; Fusion &amp; Interventional Ultrasound - A Match made in heaven</td>
<td>Christian Nolsoe</td>
</tr>
<tr>
<td>10:40 - 11:00</td>
<td>Imaging Evaluation of Treatment Efficacy after liver tumor RFA</td>
<td>Yi-Hong Chou</td>
</tr>
</tbody>
</table>

| 11:00 - 11:20 | Coffee Break |        |

#### Session 8: Elastography in clinical practice
**Moderators:** William YL Wan & Ioan Sporea

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:20 - 11:40</td>
<td>Ultrasound and elastography of spleen</td>
<td>William YL Wan</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>Liver Elastography using ultrasound waves</td>
<td>Ioan Sporea</td>
</tr>
<tr>
<td>12:00 - 12:20</td>
<td>How to correlate Transient Elastography, ARFI Shear wave, and MRE for</td>
<td>Richard Barr</td>
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<tr>
<td></td>
<td>liver stiffness evaluation</td>
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</tr>
<tr>
<td>12:20 - 12:40</td>
<td>Update to the SRU guidelines and how they relate to WFUMB guideline update</td>
<td>Giovanna Ferraioli</td>
</tr>
<tr>
<td>12:40 - 13:00</td>
<td>Ultrasound based elastography for portal hypertension evaluation</td>
<td>Ioan Sporea</td>
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</table>

| 13:00 - 14:30 | Lunch Break |        |

#### Session 9: Liver Fat Quantification
**Moderators:** Noor Al Busaidi & Giovanna Ferraioli

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:30 - 14:50</td>
<td>Clinical aspects of NAFLD in obesity Practice</td>
<td>Noor Al Busaidi</td>
</tr>
<tr>
<td>14:50 - 15:10</td>
<td>Quantification of Liver Fat and Fibrosis Using Ultrasound</td>
<td>Yi-Hong Chou</td>
</tr>
<tr>
<td>15:10 - 15:30</td>
<td>QUS for liver steatosis assessment: Where do we stand now?</td>
<td>Giovanna Ferraioli</td>
</tr>
<tr>
<td>15:30 - 15:50</td>
<td>Liver fat quantification – how do histology, CAP, Attenuation Imaging, Backscatter Coefficient, Speed of Sound and MR PDF correlate with each other what should be used</td>
<td>Richard Barr</td>
</tr>
<tr>
<td>15:50 - 16:10</td>
<td>Ultrasound: the best method for screening in NAFLD patients</td>
<td>Ioan Sporea</td>
</tr>
<tr>
<td>16:10 - 16:30</td>
<td>Need for a standardized protocol for liver fat quantification with ultrasound attenuation coefficient algorithms</td>
<td>Giovanna Ferraioli</td>
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</table>
## SCIENTIFIC PROGRAM

### DAY 2  SUNDAY  5 NOVEMBER 2023

### TIMING  ABDOMINAL  HALL 4

<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION</th>
<th>MODERATOR(S)</th>
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<tbody>
<tr>
<td>08:00 - 09:00</td>
<td>Registration</td>
<td></td>
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<tr>
<td>09:00 - 11:00</td>
<td><strong>Session 10: GI US</strong>&lt;br&gt;Moderators: Odd Helge Gilja &amp; San-Kan Lee</td>
<td>Odd Helge Gilja</td>
</tr>
<tr>
<td>09:00 - 09:20</td>
<td>The world first guidelines on gastrointestinal ultrasound</td>
<td></td>
</tr>
<tr>
<td>09:20 - 09:40</td>
<td>How to learn gastrointestinal ultrasound</td>
<td>Christoph F Dietrich</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>GIUS Intestinal Emergencies</td>
<td>Odd Helge Gilja</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Sonography Diagnosis of Acute Appendicitis and Differential Diagnosis</td>
<td>San-Kan Lee</td>
</tr>
<tr>
<td>10:20 - 10:40</td>
<td>Acute Diverticulitis - The role of ultrasound</td>
<td>Alina Popescu</td>
</tr>
<tr>
<td>10:40 - 11:00</td>
<td>High intensity focused ultrasound: Abdominal application</td>
<td>Jae Young Lee</td>
</tr>
<tr>
<td>11:00 - 11:20</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>11:20 - 13:00</td>
<td><strong>Session 11: Abdominal</strong>&lt;br&gt;Moderators: Antonio Carlos Matteoni &amp; Hisham Al Dhahab</td>
<td></td>
</tr>
<tr>
<td>11:20 - 11:40</td>
<td>Role of EUS in the evaluation of gastric sub epithelial lesions</td>
<td>Hisham Al Dhahab</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>THE NODULE IN CIRROTIC LIVER</td>
<td>Franca Meloni</td>
</tr>
<tr>
<td>12:00 - 12:20</td>
<td>Portal system - Hypertension and thrombosis</td>
<td>Dieter Nuenberg</td>
</tr>
<tr>
<td>12:20 - 12:40</td>
<td>Liver Transplantation, normal and abnormal findings on ultrasound</td>
<td>Manjiri Dighe</td>
</tr>
<tr>
<td>12:40 - 13:00</td>
<td>Ultrasound of gallbladder polyps: New criteria</td>
<td>Antonio Carlos Matteoni</td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Lunch Break</td>
<td></td>
</tr>
<tr>
<td>14:30 - 16:30</td>
<td><strong>Session 12: Abdominal (Spleen, Pancreas, &amp; Adrenals)</strong>&lt;br&gt;Modestors: Christian Jenssen &amp; Christoph F Dietrich</td>
<td></td>
</tr>
<tr>
<td>14:30 - 14:50</td>
<td>Ultrasound of spleen most neglected organ</td>
<td>Kanu Bala</td>
</tr>
<tr>
<td>14:50 - 15:10</td>
<td>Ultrasound &amp; Imaging of adrenal gland, a review and an update</td>
<td>William YL Wan</td>
</tr>
<tr>
<td>15:10 - 15:30</td>
<td>Incidentally detected pancreatic cystic lesiols - the role of transabdominal and endoscopic ultrasound</td>
<td>Christian Jenssen</td>
</tr>
<tr>
<td>15:30 - 15:50</td>
<td>Differential Diagnosis of small solid pancreatic tumors</td>
<td>Adrian Saftoiu</td>
</tr>
<tr>
<td>15:50 - 16:10</td>
<td>Focal pancreatic lesions: if biopsy at all - always better by EUS?</td>
<td>Christoph F Dietrich</td>
</tr>
<tr>
<td>16:10 - 16:30</td>
<td>Group Discussion</td>
<td>Christian Jenssen</td>
</tr>
</tbody>
</table>
# SCIENTIFIC PROGRAM

## DAY 2  Sunday  5 November 2023

### TIMING  OBSTETRICS & GYNECOLOGY  HALL 5 AUDITORIUM

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Moderators</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00 - 09:00</td>
<td>Registration</td>
<td></td>
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</tr>
</tbody>
</table>
| 09:30 - 11:30 | **Session 13: Obstetrics & Gynecology**  
Moderators: Gail Ter Haar & Sue Westerway |                                     |                     |
| 09:00 - 09:30 | Opening Ceremony          |                                     | Hall 5 Auditorium   |
| 09:30 - 09:50 | First Trimester screening for fetal structural anomalies | Divya Singh          |
| 09:50 - 10:10 | Demystifying Vermian abnormalities | TLN Praveen          |
| 10:10 - 10:30 | Second trimester anomaly scan | Sue Westerway          |
| 10:30 - 10:50 | Distinguishing between normal and abnormal fetal size in singleton and multiple pregnancy | Sumaiya Al Amri     |
| 10:50 - 11:10 | First in woman study using therapeutic ultrasound to occlude placental blood vessels as a method of in the treatment of twin-twin transfusion syndrome (TTTS) | Gail Ter Haar       |
| 11:10 - 11:30 | Discussion & closing remarks |                                     |                     |
| 11:30 - 11:50 | Coffee Break             |                                     |                     |
| 11:50 - 13:30 | **Session 14: Obstetrics & Gynecology**  
Moderators: Alison Deslandes & Divya Singh |                                     |                     |
| 11:50 - 12:10 | Early fetal growth restriction | Tamima Al Dughashi    |
| 12:10 - 12:30 | Parent - centred communication in obstetric ultrasound | Alison Deslandes    |
| 12:30 - 12:50 | Obstetric ultrasound in multiple pregnancy | Megha Venkatraman    |
| 12:50 - 13:10 | Prenatal diagnosis of right ventricular outflow tract obstruction, outcome of different ultrasonographic images | Ching-Chang Hsieh   |
| 13:10 - 13:30 | Discussion & closing remarks |                                     |                     |
| 13:30 - 14:30 | Lunch Break              |                                     |                     |
| 14:30 - 16:10 | **Session 15: Obstetrics & Gynecology**  
Moderators: Sergiu Puiu & Alia Al Madhani |                                     |                     |
| 14:30 - 14:50 | How to Perform a baseline ultrasound for subfertility | Alison Deslandes    |
| 14:50 - 15:10 | Female pelvis scan for extra - gynecological pelvic pathologies | Sergiu Puiu         |
| 15:10 - 15:30 | Placenta accreta spectrum | Divya Singh            |
| 15:30 - 15:50 | Fibroid mapping - current concepts | TLN Praveen         |
| 15:50 - 16:10 | Discussion & Closing Remarks |                                     |                     |
### Day 3 Monday 6 November 2023

#### Timing

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Moderator(s)</th>
</tr>
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<tbody>
<tr>
<td>08:00 - 09:00</td>
<td>Registration</td>
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<tr>
<td>09:00 - 11:00</td>
<td><strong>Session 1: General Principles of Breast Ultrasound</strong>&lt;br&gt;<strong>Moderators:</strong> Fatma Tufail &amp; Suad Al Duwaiki</td>
<td>Suad Al Duwaiki, Shaza Al Sharif, Masoumeh Gity</td>
</tr>
<tr>
<td>09:00 - 09:20</td>
<td>Ultrasound of the axilla</td>
<td></td>
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<tr>
<td>09:20 - 09:40</td>
<td>Sonography mammography correlation</td>
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<tr>
<td>09:40 - 10:00</td>
<td>Role of Breast ultrasound in breast cancer screening: whole breast Ultrasound vs hand held Ultrasound</td>
<td>Masoumeh Gity, Shaza Al Sharif</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Ultrasound features of different breast cancers</td>
<td>Boris Brkljacic, Richard Barr</td>
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<tr>
<td>10:20 - 10:40</td>
<td>The updated WFUMB breast elastography guidelines</td>
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<tr>
<td>10:40 - 11:00</td>
<td>Group Discussion</td>
<td>All speakers</td>
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<tr>
<td>11:00 - 11:20</td>
<td><strong>Coffee Break</strong></td>
<td></td>
</tr>
<tr>
<td>11:20 - 13:00</td>
<td><strong>Session 2: Breast Ultrasound Screening &amp; Diagnostic</strong>&lt;br&gt;<strong>Moderators:</strong> Samya Al Salhi &amp; Shaza Al Sharif</td>
<td>Masoumeh Gity, Badriya Al Qassabi, Boris Brkljacic, Shaza Al Sharif</td>
</tr>
<tr>
<td>11:20 - 11:50</td>
<td>Role of Ultrasound guided vacuum biopsy and vacuum excision for breast lesions</td>
<td>Masoumeh Gity, Badriya Al Qassabi</td>
</tr>
<tr>
<td>11:50 - 12:10</td>
<td>Ultrasound in Pregnancy and Lactation</td>
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<tr>
<td>12:10 - 12:30</td>
<td>Breast ultrasound and breast imaging in postoperative breast afer oncoplastic surgery</td>
<td>Boris Brkljacic, Shaza Al Sharif</td>
</tr>
<tr>
<td>12:30 - 13:00</td>
<td>Radiology pathology correlation: interactive cases</td>
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<tr>
<td>13:00 - 14:30</td>
<td><strong>Lunch Break</strong></td>
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<tr>
<td>14:30 - 16:00</td>
<td><strong>Session 3: Student Ultrasound Education</strong>&lt;br&gt;<strong>Moderators:</strong> Lucia Perez Gomez &amp; Christoph F Dietrich</td>
<td>Lucia Perez Gomez, Christoph F Dietrich, Gabrial Jalma, Mohamed Hoosen Suleman, Oleksandra Levchenko</td>
</tr>
<tr>
<td>14:30 - 14:45</td>
<td>Controversies in student ultrasound education (SUSE)</td>
<td>Christoph F Dietrich</td>
</tr>
<tr>
<td>14:45 - 15:00</td>
<td>IFMSA Liaison Officer for WFUMB and expectations for the future</td>
<td>Lucia Perez Gomez, Gabrial Jalma</td>
</tr>
<tr>
<td>15:00 - 15:15</td>
<td>Ultrasound education in Belgium</td>
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<tr>
<td>15:15 - 15:30</td>
<td>Ultrasound education in South Africa</td>
<td>Mohamed Hoosen Suleman, Nameera Banu</td>
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<tr>
<td>15:30 - 15:45</td>
<td>Ultrasound education in Lithuania</td>
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<tr>
<td>15:45 - 16:00</td>
<td>Ultrasound education in Gambia</td>
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<tr>
<td>16:00 - 16:50</td>
<td><strong>Session 4 - Young Investigator</strong>&lt;br&gt;<strong>Moderators:</strong> Franca Meloni &amp; Adrian Saftoiu</td>
<td>Nameera Banu, Adam Morrell, Kate Thomas, Nidhi Leekha, Rafael Gonzalez, Hyunwoo Cho</td>
</tr>
<tr>
<td>16:00 - 16:12</td>
<td>The first 5 targeted trans-perineal prostate biopsies diagnose the majority of PROMIS criteria cancer in patients with a Likert 4 or 5 score on mpMRI</td>
<td>Adam Morrell, Kate Thomas</td>
</tr>
<tr>
<td>16:12 - 16:24</td>
<td>The effect of shear stress on acute cerebrovascular function</td>
<td></td>
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<tr>
<td>16:24 - 16:26</td>
<td>‘Mimba Yangu’ – My Pregnancy - The role of technology in access to quality</td>
<td></td>
</tr>
<tr>
<td>16:26 - 16:38</td>
<td>An Unsupervised Deep Beamformer for High-Quality Ultrafast Ultrasound Imaging</td>
<td>Hyunwoo Cho</td>
</tr>
<tr>
<td>16:38 - 16:50</td>
<td>Contribution of ultrasonographic fat quantification programs in the non invasive assessment of non-alcoholic fatty liver disease</td>
<td>Rafael Gonzalez</td>
</tr>
</tbody>
</table>
### Session 5: Ultrasound of Lower Limb (1)
**Moderators: Aliya Al Barwani & Ivan Quiros**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 09:20</td>
<td>Normal sonography technique and anatomy of knee joint</td>
<td>Varaprasad Vemuri</td>
</tr>
<tr>
<td>09:20 - 09:40</td>
<td>Normal sonography technique and anatomy of hip joint</td>
<td>Mohammed Salman</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>Ultrasound features in Adult Hip Pathology</td>
<td>Ivan Quiros</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Ultrasound of Achilles tendon, what to report?</td>
<td>Fatma Abdularahaman</td>
</tr>
<tr>
<td>10:20 - 10:40</td>
<td>Achilles Tendon Insertional Variants and Clinical Approach</td>
<td>Ivan Quiros</td>
</tr>
<tr>
<td>10:40 - 11:00</td>
<td>Discussion</td>
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</tbody>
</table>

**Coffee Break**

### Session 6: Ultrasound of Lower Limb (2)
**Moderators: Fatma Abdularahman & Mohammed Salman**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:20 - 11:40</td>
<td>Ultrasound of DDH</td>
<td>Fatma Abdularahman</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>Ultrasound of muscle injury</td>
<td>Sameer Raniga</td>
</tr>
<tr>
<td>12:00 - 12:20</td>
<td>Ultrasound of pubic pubalgia</td>
<td>Fatma Abdularahman</td>
</tr>
<tr>
<td>12:20 - 12:40</td>
<td>Ultrasound of cysts around the knee</td>
<td>Varaprasad Vemuri</td>
</tr>
<tr>
<td>12:40 - 13:00</td>
<td>Applications of deep learning in MSK ultrasound: experience sharing…</td>
<td>Chueh-Hung Wu</td>
</tr>
</tbody>
</table>

**Lunch Break**

### Session 7: Advanced MSK Ultrasound - 2
**Moderators: Sameer Raniga & Sultan Al Kalbani**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:30 - 14:50</td>
<td>The Role of Ultrasound to Guide Procedures in Orthopedic</td>
<td>Felipe Carneiro</td>
</tr>
<tr>
<td>14:50 - 15:10</td>
<td>Ultrasound of calcific tendinitis and barbotage</td>
<td>Mohammed Salman</td>
</tr>
<tr>
<td>15:10 - 15:30</td>
<td>The role of Ultrasound guided injection in meralgia paresthetica</td>
<td>Sultan Al Kalbani</td>
</tr>
<tr>
<td>15:30 - 15:50</td>
<td>SWE Elastography applications in MSK Ultrasound</td>
<td>Ivan Quiros</td>
</tr>
<tr>
<td>15:50 - 16:10</td>
<td>Ultrasound evaluation of the spine and injection technique</td>
<td>Khamis Al Muzahmi</td>
</tr>
<tr>
<td>16:10 - 16:30</td>
<td>Discussion and closing remarks</td>
<td></td>
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</tbody>
</table>
SCIENTIFIC PROGRAM

DAY3 MONDAY 6 NOVEMBER 2023

TIMING PEDIATRIC - WFPI HALL 3

09:00 - 11:00
Session 8: Ultrasound in pediatric emergencies
Moderators: Shaikha Al Buloshi & Hassen Gharbi

09:00 - 09:25 Ultrasound in unconventional abdominal emergencies in children
Ajay De Souza
09:25 - 09:50 Ultrasound of acute abdomen – neonates
Ibtisam Al Shuili
09:50 - 10:15 Ultrasound of acute abdomen - teenagers
Ajay De Souza
10:15 - 10:40 Tips and pitfalls in acute scrotal ultrasound
Hakima Al-Hashimi
10:40 - 11:00 Ultrasound of Salivary glands in pediatric age group
Farida Ambu-saidi

11:00 - 11:20 Coffee Break

11:20 - 13:00
Session 9: Renal imaging – when and how to image
Moderators: Amna Kashgari & Ibtisam Al Shuili

11:20 - 11:40 Imaging of congenital abnormalities and neonatal hydronephrosis
Kushaljit Singh Sodhi
11:40 - 12:00 Ultrasound of renal tumours and mimics
Amna Kashgari
12:00 - 12:20 Use of ultrasound in small parts in the pediatric patient
Edda L. Chaves
12:20 - 12:40 Ultrasound of the paediatric and adolescent breast
Hakima Al-Hashimi
12:40 - 13:00 Ultrasound in paediatric gynaecology
Joanna Kasznia-Brown

13:00 - 14:30 Lunch Break

14:30 - 16:30
Session 10: Pediatric Workshop
Moderator: Yahya Al Brashdi

14:30 - 15:00 Head ultrasound – how do I do it?
Kushaljit Singh Sodhi
15:00 - 15:30 Spine ultrasound – how do I do it
Jovan Lovrenski
15:30 - 16:30 Ultrasound of paediatric hip
Kushaljit Singh Sodhi & Amna Kashgari
### Session 11: CEUS - ICUS
**Moderators:** Paul S Sidhu & Cristina chammas

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>09:00</td>
<td>1. Microbubble Contrast Agents their structure, safety, Function and Imaging</td>
<td>Stephanie R Wilson</td>
</tr>
<tr>
<td>09:15</td>
<td>2. Performance of a successful CEUS Examination</td>
<td>Richard Barr/Dirk Clevert</td>
</tr>
<tr>
<td>09:30</td>
<td>3. Pitfalls and success</td>
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<tr>
<td>09:45</td>
<td>Guidelines for CEUS</td>
<td>Paul S Sidhu</td>
</tr>
<tr>
<td>10:00</td>
<td>CEUS: The Fundamentals of Liver Mass Interpretation</td>
<td>Stephanie R Wilson</td>
</tr>
<tr>
<td>10:15</td>
<td>When and how to use liver CEUS in daily practice</td>
<td>Cristina chammas</td>
</tr>
<tr>
<td>10:30</td>
<td>Metastatic Liver disease the contribution of CEUS</td>
<td>Stephanie R Wilson</td>
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</tbody>
</table>

### Coffee Break

**Time:** 11:00 - 11:20

### Session 12: CEUS - ICUS
**Moderators:** Stephanie R Wilson & Dirk Clevert

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>11:20</td>
<td>CEUS LI - RADS What is it and when should it be used</td>
<td>Yuko Kono</td>
</tr>
<tr>
<td>11:35</td>
<td>CEUS for resolution of indeterminate CT and MR liver scan</td>
<td>Stephanie R Wilson</td>
</tr>
<tr>
<td>12:00</td>
<td>Ablative therapy for HCC and other tumors: Performance, guidance and monitoring with CEUS</td>
<td>Dirk Clevert</td>
</tr>
<tr>
<td>12:25</td>
<td>CEUS of the bowel: IBD, Abdominal Pain, bowel related masses</td>
<td>Stephanie R Wilson</td>
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<tr>
<td>12:40</td>
<td>CEUS of the kidney</td>
<td>Richard Barr</td>
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### Lunch Break

**Time:** 13:00 - 14:30

### Session 13: CEUS - ICUS
**Moderators:** Martin Krix & Masayuki Kitano

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>14:30</td>
<td>Use of CEUS in unclear renal Lesions by using bosniak classification</td>
<td>Dirk Clevert</td>
</tr>
<tr>
<td>14:45</td>
<td>CEUS in liver and kidney transplantation</td>
<td>Cristina chammas</td>
</tr>
<tr>
<td>15:00</td>
<td>Small parts CEUS testicle and thyroid</td>
<td>Vito Cantisani</td>
</tr>
<tr>
<td>15:15</td>
<td>CEUS in evaluation of vascular disease</td>
<td>Vito Cantisani</td>
</tr>
<tr>
<td>15:30</td>
<td>CEUS of Splenic lesions</td>
<td>Paul S Sidhu</td>
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<tr>
<td>15:45</td>
<td>Contrast - Enhanced Endoscopical ultrasonography</td>
<td>Masayuki Kitano</td>
</tr>
<tr>
<td>16:00</td>
<td>Quantitative CEUS</td>
<td>Martin Krix</td>
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</tbody>
</table>
### SCIENTIFIC PROGRAM

#### Day 3 Monday
6 November 2023

**Timing** | Obstetrics & Gynecology | Hall 5 Auditorium
---|---|---

**Session 14: Obstetrics & Gynecology**
**Moderators:** Manjiri Dighe & Nihal Al-Riyami

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 09:20</td>
<td>1st Trimester US assessment and emergencies</td>
<td>Arwa Osama</td>
</tr>
<tr>
<td>09:20 - 09:40</td>
<td>US &amp; MRI findings of fetal neoplasms</td>
<td>Jeong Yeon Cho</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>Abdominal wall defect</td>
<td>Shamsa Al Hinai</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>The role of ultrasound in the screening and management of high risk pregnancy with preterm labor</td>
<td>Mouza Al Salmani</td>
</tr>
<tr>
<td>10:20 - 10:40</td>
<td>Fetal lung mass- etiology to diagnosis and imaging evaluation for predicting postnatal outcome</td>
<td>Manjiri Dighe</td>
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<tr>
<td>10:40 - 11:00</td>
<td>Discussion &amp; closing remarks</td>
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**11:00 - 11:20** | Coffee Break |

**Session 15: Obstetrics & Gynecology**
**Moderators:** Jeong Yeon Cho & T.P. Baskaran

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>11:20 - 11:40</td>
<td>The basics of a Gynecology scan</td>
<td>Sue Westerway</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>Additional advantages of Color Doppler mapping for fetal therapy</td>
<td>Tuangsit Watanagaara</td>
</tr>
<tr>
<td>12:00 - 12:20</td>
<td>Ultrasound evaluation of fetal musculoskeletal dysplasia</td>
<td>Jeong Yeon Cho</td>
</tr>
<tr>
<td>12:20 - 12:40</td>
<td>Umbilical Cord: Ultrasound features and Clinical implications</td>
<td>T.P. Baskaran</td>
</tr>
<tr>
<td>12:40 - 13:00</td>
<td>The role of ultrasound in congenital uterine anomalies</td>
<td>Sue Westerway</td>
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**13:00 - 14:30** | Lunch Break |

**Session 16: Obstetrics & Gynecology**
**Moderators:** Maia Sibal & Lamya Al-Kharusi

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>14:30 - 14:50</td>
<td>The Differential Diagnosis of a Thickened Endometrium</td>
<td>Maia Sibal</td>
</tr>
<tr>
<td>14:50 - 15:10</td>
<td>Endometrial malignancy IETA approach</td>
<td>TLN Praveen</td>
</tr>
<tr>
<td>15:10 - 15:30</td>
<td>Examining the ovaries normal and abnormal</td>
<td>Divya Singh</td>
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<tr>
<td>15:30 - 15:50</td>
<td>Discussion &amp; Closing Remarks</td>
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**THE CAROTID DOPPLER WORKSHOP**

**Workshop Room 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Organizers</th>
</tr>
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<tbody>
<tr>
<td>08:00 - 10:15</td>
<td>OSUM &amp; ESNCH</td>
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*Workshop Room 1 is Meeting Room 8*
SCIENTIFIC PROGRAM

Day 4 Tuesday 7 November 2023

Timing

08:00 - 09:00
Registration

08:40 - 11:00
Session 1: Critical Care and Emergency Ultrasound
Moderators: Mohammed Al Shamsi & Moza Al Kalbani

08:40 - 09:00
Developing ultrasounds program (Milestones of Omani POCUS)
Badar Al Hamarshidi

09:00 - 09:20
Lung ultrasound in the acutely breathless patient
Adrian Goudie

09:20 - 09:40
Hepatobiliary ultrasound in ED
Noora Al Sukaiti

09:40 - 10:00
ECHO in ECMO
Abdulrahman Al Fares

10:00 - 10:20
Ultrasounds in cardiac arrest
Aftab Azad

10:20 - 10:40
Artificial intelligence in Emergency Medicine
Adrian Goudie

10:40 - 11:00
Ultrasound Utilities in mechanical ventilation
Mujahed Al Busaidi

11:00 - 11:20
Coffee Break

11:20 - 13:00
Session 2: Critical Care and Emergency Ultrasound
Moderators: Adrian Goudie & Saad Al Juma

11:20 - 11:40
Emergencies and acute situations in gastrointestinal US (GIUS)
Dieter Nuenberg

11:40 - 12:00
Right iliac fossa pain - beyond the appendix
Adrian Goudie

12:00 - 12:20
CEUS in emergency medicine
Christoph Dietrich

12:20 - 12:40
CEUS in blunt abdominal trauma
Paul S Sidhu

12:40 - 13:00
Q & A

13:00 - 14:30
Lunch Break

14:30 - 16:30
Session 3 - Critical Care and Emergency Ultrasound
Moderators: Bader Al Hamarshdi & Abdulmunim Al Farsi

14:30 - 14:50
Transcranial doppler (TCD) ultrasound in ICU
Abdul Aziz Al Sibani

14:50 - 15:10
Role of ultrasound in brain death testing
Mohammed R Al Shamsi

15:10 - 15:30
The forgotten chamber (Right Ventricular ultrasound)
Abdulrahman Al Fares

15:30 - 15:50
Ultrasound for undifferentiated shock
Aisha Al Buraiki

15:50 - 16:10
The ticking time bomb (Ultrasound of the aorta)
Aftab Azad

16:10 - 16:30
Ultrasound Guided Nerve Block: A core skill for ED physicians
Mohammed Al Shamsi
## SCIENTIFIC PROGRAM

### Day 4 Tuesday 7 November 2023

#### Timing | US for Primary Healthcare | Hall 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Description</th>
<th>Moderator(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 11:00</td>
<td>Session 4: Abdominal</td>
<td>Ultrasound in primary healthcare opportunities and challenges</td>
<td>Asma Shidhani</td>
</tr>
<tr>
<td>09:00 - 09:20</td>
<td></td>
<td>The Beginners Guide to Biliary ultrasound</td>
<td>Jo McCann</td>
</tr>
<tr>
<td>09:20 - 09:40</td>
<td></td>
<td>A PoCUS curriculum for GPs and other frontline physicians – concept and current state</td>
<td>Christian Jenssen</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td></td>
<td>The Beginners Guide to E-FAST Ultrasound</td>
<td>Jo McCann</td>
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<tr>
<td>10:20 - 10:40</td>
<td></td>
<td>Differential Diagnosis of Jaundice</td>
<td>Antonio Carlos Matteoni</td>
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<tr>
<td>10:40 - 11:00</td>
<td></td>
<td>Incidental findings – how to manage the by-catch of ultrasound</td>
<td>Christian Jenssen</td>
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<tr>
<td>11:00 - 11:20</td>
<td>Coffee Break</td>
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<tr>
<td>11:20 - 13:00</td>
<td>Session 5: Small Parts, Vascular &amp; Pediatrics</td>
<td>Lower limb oedema - when DVT is not always the cause.</td>
<td>Maryla Kuczynska</td>
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<td>11:20 - 11:40</td>
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<td>Ultrasound for the Indeterminate Testis Lesion</td>
<td>Paul S Sidhu</td>
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<td>11:40 - 12:00</td>
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<td>Ultrasound in abdominal pain in pediatrics</td>
<td>Edda L. Chaves</td>
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<td>12:00 - 12:20</td>
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<td>The Beginners Guide to Aorta Ultrasound</td>
<td>Jo McCann</td>
</tr>
<tr>
<td>12:20 - 12:40</td>
<td></td>
<td>Lumps &amp; Bumps - Ultrasound from tip to Toe</td>
<td>Christian Nolsoe</td>
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<tr>
<td>13:00 - 14:30</td>
<td>Lunch Break</td>
<td></td>
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<tr>
<td>14:30 - 16:20</td>
<td>Session 6: Obs &amp; Gyn for Primary Healthcare</td>
<td>Early Pregnancy: normal ultrasound examination</td>
<td>Ahlam AlHanai</td>
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<tr>
<td>14:30 - 15:00</td>
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<td>Early Pregnancy: abnormal ultrasound findings</td>
<td>Houda AlYaqubi</td>
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<tr>
<td>15:00 - 15:20</td>
<td></td>
<td>Fetal Biometry and Growth</td>
<td>Asma AlOjaili</td>
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<tr>
<td>15:20 - 15:40</td>
<td></td>
<td>Basic Gynecological ultrasound Examination</td>
<td>Dina Al Baluushi</td>
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<tr>
<td>15:40 - 16:00</td>
<td></td>
<td>Common Abnormal Gynecological Ultrasound Findings</td>
<td>Ahlam Al Calbani</td>
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<td>16:00 - 16:20</td>
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**Organized by**

WFUMB2023.org | #WFUMB2023 | #IEEvents

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### SCIENTIFIC PROGRAM

**DAY 4 | TUESDAY | 7 NOVEMBER 2023**

**TIMING | PEDIATRIC - WFPI | HALL 3**

<table>
<thead>
<tr>
<th>09:00 - 11:00</th>
<th>Session 7: Ultrasound in neonatal intensive care</th>
<th><strong>Moderators:</strong> Joanna Kasznia-Brown &amp; Saud Al Shabibi</th>
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</thead>
<tbody>
<tr>
<td>09:00 - 09:30</td>
<td>Acute neurological conditions – ultrasound in diagnosis and monitoring</td>
<td>Hansel Otero</td>
</tr>
<tr>
<td>09:30 - 10:00</td>
<td>Neonatal lung US - have we gone too far?</td>
<td>Jovan Lovrenske</td>
</tr>
<tr>
<td>10:00 - 10:30</td>
<td>Imaging of abdomen/bowel in newborns</td>
<td>Hansel Otero</td>
</tr>
<tr>
<td>10:30 - 11:00</td>
<td>All these lines – position and complications</td>
<td>Joanna Kasznia-Brown</td>
</tr>
</tbody>
</table>

**11:00 - 11:20 | Coffee Break**

**11:20 - 13:00 | Session 8: MSK ultrasound in children (fractures, lumps and bumps, joints, rheumatology) | **Moderators:** Hansel Otero & Yahya Al Brashdi** |
<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>11:20 - 11:40</td>
<td>Ultrasound of fractures – can I forget x-ray?</td>
<td>Hansel Otero</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>Lumps and bumps in children – when to worry</td>
<td>Ramy Mansour</td>
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<tr>
<td>12:00 - 12:20</td>
<td>Ultrasound of vascular abnormalities in children</td>
<td>Yahya Hamed Al Brashdi</td>
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<tr>
<td>12:20 - 12:40</td>
<td>Ultrasound – an essential tool in rheumatology</td>
<td>Ramy Mansour</td>
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<tr>
<td>12:40 - 13:00</td>
<td>Q &amp; A</td>
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**13:00 - 14:30 | Lunch Break**

**14:30 - 16:30 | Session 9: Pediatric Neck and Chest | **Moderators:** Sultan Al Busaidi & Farida ambusaidi** |
<table>
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<tbody>
<tr>
<td>14:30 - 14:50</td>
<td>Ultrasound of neck and mediastinum</td>
<td>Joanna Kasznia-Brown</td>
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<tr>
<td>14:50 - 15:10</td>
<td>Complicated pneumonias - are we ready for ultrasound as the first-line imaging modality</td>
<td>Jovan Lovrenske</td>
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<tr>
<td>15:10 - 16:30</td>
<td>Challenging cases in paediatric ultrasound</td>
<td>Hakima Al-Hashimi &amp; Ajay De Souza</td>
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## SCIENTIFIC PROGRAM

### DAY 4 TUESDAY

#### TIMING

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 10: Elastography in clinical practice</th>
<th>Session 11: Elastography in clinical practice</th>
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<tbody>
<tr>
<td>09:00 - 11:00</td>
<td>Liver Elstography guidelines</td>
<td>Elastography of Breast</td>
</tr>
<tr>
<td>09:20 - 09:40</td>
<td>How to teach and learn elastography, what?</td>
<td>US -elastography of thyroid nodule: where are we standing</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>Liver elastography in chronic viral hepatitis</td>
<td>US-elastography of small parts</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>US based liver elastography for alcoholic liver disease assessment</td>
<td>Shear Wave Elasticity imaging of 3D cell culture systems: Principles and applications</td>
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<tr>
<td>10:20 - 10:40</td>
<td>Pitfalls in liver elastography</td>
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<tr>
<td>10:40 - 11:00</td>
<td>Group Discussion</td>
<td>Group Discussion</td>
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#### Coffee Break

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 10: Elastography in clinical practice</th>
<th>Session 11: Elastography in clinical practice</th>
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<tbody>
<tr>
<td>11:00 - 11:20</td>
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#### Lunch Break

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 10: Elastography in clinical practice</th>
<th>Session 11: Elastography in clinical practice</th>
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<tbody>
<tr>
<td>13:00 - 14:30</td>
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# SCIENTIFIC PROGRAM

**Day 4 Tuesday**

**7 November 2023**

**HALL 4B**

## Timing

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Facilitator/Moderator</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 - 11:00</td>
<td>Session 15: Safety, Advance Technology &amp; Artificial Intelligence</td>
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<tr>
<td></td>
<td>Moderators: Iwaki Akiyama &amp; Quan Bao NGUYENPHUOC</td>
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<tr>
<td>09:00 - 09:20</td>
<td>Ultrasonic tissue characterization by sound velocity change due to</td>
<td>Iwaki Akiyama</td>
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<tr>
<td></td>
<td>ultrasonic heating</td>
<td></td>
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<tr>
<td>09:20 - 09:40</td>
<td>Artificial intelligence and machine learning in ultrasound</td>
<td>Manjiri Dighe</td>
</tr>
<tr>
<td>09:40 - 10:00</td>
<td>Vector flow imaging with high-frame-rate ultrasound</td>
<td>Hideyuki Hasegawa</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Shear wave elasticity imaging of 3D cell culture systems: Principles</td>
<td>Pai Chi Li</td>
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<td>and Applications</td>
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<tr>
<td>10:20 - 10:40</td>
<td>Overview of the new technique of microflow imaging and its clinical</td>
<td>Quan Bao Nguyenphuoc</td>
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<td>application</td>
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<td>10:40 - 11:00</td>
<td>New Application of ADF (Advance Dynamic Flow) in routine ultrasound</td>
<td>Musarrat Hasan</td>
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<td></td>
<td>scan</td>
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<tr>
<td>11:00 - 11:20</td>
<td>Coffee Break</td>
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<tr>
<td>11:20 - 13:00</td>
<td>Session 16: Ultrasound Education</td>
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<td></td>
<td>Moderators: AHood Al Abri &amp; Teresa Abattista</td>
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<tr>
<td>11:20 - 11:40</td>
<td>Radiologists as trainers for POCUS: Time to close the Gap</td>
<td>Mohammed Al Shamsi</td>
</tr>
<tr>
<td>11:40 - 12:00</td>
<td>Is it time to implement POCUS in general surgery curriculum</td>
<td>Christian Nolsoe</td>
</tr>
<tr>
<td>12:00 - 12:20</td>
<td>Students Ultrasound education – proposal for students Ultrasound</td>
<td>Teresa Abattista</td>
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<td></td>
<td>certificate</td>
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<tr>
<td>12:20 - 13:00</td>
<td>Group Discussion</td>
<td>All Speakers</td>
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<tr>
<td>13:00 - 14:30</td>
<td>Lunch Break</td>
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</table>
## SCIENTIFIC PROGRAM

### DAY 4  TUESDAY  7 NOVEMBER 2023

### TIMING  OBSTETRICS & GYNECOLOGY  HALL 5 AUDITORIUM

| 09:00 - 11:00 | Session 12: Obstetrics & Gynecology  
Moderators: Goerge Condous & Sheikha Al Jabri |
|----------------|---------------------------------------------------------------|
| 09:00 - 09:20  | Pelvic Scan: Technique, Tips and Tricks  
Mala Sibal |
| 09:20 - 09:40  | A road map to evaluating ovarian lesions  
Arwa Osama |
| 09:40 - 10:00  | CEUS in Pregnancy  
Dirk Clevert |
| 10:00 - 10:20  | How and why transvaginal Ultrasound should be the prerequisite imaging  
technique in the management of bowel endometriosis  
Goerge Condous |
| 10:20 - 10:40  | Examining the uterus in post-menopausal women: Normal and abnormal  
Maryam Al Shukri |
| 10:40 - 11:00  | Discussion & closing remarks |

<table>
<thead>
<tr>
<th>11:00 - 11:20</th>
<th>Coffee Break</th>
</tr>
</thead>
</table>

| 11:20 - 13:00 | Session 13: Obstetrics & Gynecology  
Moderators: Suresh Seshadri & Rahma Al Ghabshi |
|----------------|---------------------------------------------------------------|
| 11:20 - 11:40  | The role of ultrasound in diagnosing adenomyosis  
Goerge Condous |
| 11:40 - 12:00  | Torsion and the Differential Diagnosis of Acute Pelvic Pain  
Mala Sibal |
| 12:00 - 12:20  | Ideal Ultrasound classification system for pelvic endometriosis  
Goerge Condous |
| 12:20 - 12:40  | Obtaining and interpreting heart views  
Suresh Seshadri |
| 12:40 - 13:00  | Discussion & closing remarks |

<table>
<thead>
<tr>
<th>13:00 - 14:30</th>
<th>Lunch Break</th>
</tr>
</thead>
</table>

| 14:30 - 16:30 | Session 14: Obstetrics & Gynecology  
Moderators: Manjula Virmani & Badriya Al Fahdi |
|----------------|---------------------------------------------------------------|
| 14:30 - 14:50  | Clinical application of 3D in reproductive medicine  
Manjula Virmani |
| 14:50 - 15:10  | Doppler studies in Obstetrics  
Suresh Seshadri |
| 15:10 - 15:30  | Enhanced Myometrial vascularity  
Manjula Virmani |
| 15:30 - 15:50  | Fetal central nervous system anomalies  
Suresh Seshadri |
<p>| 15:50 - 16:10  | Discussion &amp; closing remarks |
| 16:30 | Closing Ceremony |</p>
<table>
<thead>
<tr>
<th>Timing</th>
<th>Ultrasound of the Neck</th>
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<tr>
<td>08:00 - 09:00</td>
<td>Registration</td>
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<tr>
<td>09:00 - 09:30</td>
<td>&quot;Sonoanatomy of the neck, thyroid, salivary glands, lymph node levels, floor of the</td>
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<tr>
<td></td>
<td>mouth and Larynx, cervical nerves with live US demonstration&quot;</td>
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<tr>
<td>09:30 - 10:15</td>
<td>Thyroid and parathyroids</td>
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<tr>
<td>10:15 - 11:00</td>
<td>Lymph nodes and typical cervical tumors</td>
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<tr>
<td>11:00 - 11:30</td>
<td>Salivary glands</td>
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<tr>
<td>11:30 - 11:50</td>
<td>Floor of the mouth and Larynx</td>
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<tr>
<td>11:50 - 12:00</td>
<td>Coffee Break</td>
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<tr>
<td>12:00 - 13:30</td>
<td>Hands-on session</td>
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</table>

*Workshop Room 2 is Meeting Room 9

Norbert Gritzmann and Susanne Quis
INDUSTRY SYMPOSIA

**Day 2 Sunday** 5 November 2023

**Timing**

13:00 - 13:40 Transrectal Ultrasound of the Prostate Technique & Practical Considerations
Ahmed M Tawfik, Hall 2

Mindray Unveils a New Era in Diagnostic Ultrasound

13:00 - 13:20 Using Multi-Parametric Ultrasound Approach for Thyroid Lesions Diagnosis
Vito Cantisani

Richard Barr

**Day 3 Monday** 6 November 2023

**Timing**

13:00 - 13:40 Never seen before and we might never see it again
Christoph F. Dietrich, Hall 2

13:00 - 13:20 US for screening, identifying, and monitoring fatty liver
Christina Chammas, Hall 4

13:20 - 13:40 Beyond B-mode US: Distinguishing from Steatosis to Fibrosis for Patient care and monitoring
Paul Sidhu

**Day 4 Tuesday** 7 November 2023

**Timing**

13:00 - 13:40 AI in Obstetrics Ultrasound. Potential & Limitations
Suresh Seshadri, Hall 2
REGISTRATION OVERVIEW

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<tr>
<td>Physicians</td>
<td>641</td>
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<tr>
<td>Sonographer / Technologist / Nurse</td>
<td>26</td>
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<tr>
<td>Fellow in training (Residents)/PhD Student</td>
<td>96</td>
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<tr>
<td>Medical Student / Intern</td>
<td>62</td>
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<td><strong>Total</strong></td>
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REGISTRATION OVERVIEW BY SUB - CATEGORY

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<td>Faculty</td>
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<td>Delegates</td>
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<td>Non-Physicians/ Nurses</td>
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<tr>
<td>Medical Student / Intern</td>
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<tr>
<td>Exhibitor</td>
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<td>Organizer</td>
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Registration Overview by Region

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<tr>
<td>Europe</td>
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<td>Asia</td>
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<td>Africa</td>
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<td>GCC</td>
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<td>Sultanate of Oman</td>
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<td>Australia</td>
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<td><strong>Total</strong></td>
<td><strong>825</strong></td>
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Overall congress feedback

- **Overall, how would you rate this congress?**
  - Excellent: 39%  
  - Good: 39%  
  - Average: 18%  
  - Fair: 4%  
  - Poor: 1%  

- **Would you like to attend the congress next year?**
  - Yes: 75%  
  - May be: 24%  
  - No: 1%  

- **Please rate each of the following for the program:**
  1. Organization of content: 65%  
  2. Relevance of content: 25%  
  3. Opportunity to ask questions: 10%  

- **How do you anticipate changing your practice as a result of attending this congress?**
  - Change the management and/or treatment of my patients: 14%  
  - Create/Revise protocols, policies and/or procedures: 14%  
  - This activity validated my current practice: 65%  

- **The Congress did (or will) increase/improve my:**
  - Competence: 52%  
  - Performance: 19%  
  - Knowledge: 19%  
  - Patient outcomes: 14%
SOCIAL MEDIA MARKETING PLATFORMS USED

WFUMB MARKETING GOAL

<table>
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<tr>
<th>Social Media Platform</th>
<th>Value</th>
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<tbody>
<tr>
<td>E-mail Waves</td>
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<tr>
<td>Web Listings</td>
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<tr>
<td>Conference Video Postings</td>
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<tr>
<td>Media Partners</td>
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<td>Average Social Media Post</td>
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**EMARKETING REACH**

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<td>June</td>
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<td>August</td>
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<td>October</td>
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**SMS REACH**

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</tr>
<tr>
<td>October</td>
<td>4785</td>
<td>9570</td>
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Social Media Marketing Platforms Used

Facebook

Top 5 Facebook post

<table>
<thead>
<tr>
<th>Description</th>
<th>Count</th>
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<tbody>
<tr>
<td>Total Post:</td>
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<tr>
<td>Total Page Likes &amp; Reach:</td>
<td>16,661</td>
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<tr>
<td>Followers:</td>
<td>1,300</td>
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Social Media Marketing Platforms Used

Instagram

Top 5 Instagram post

<table>
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<th>Count</th>
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<tbody>
<tr>
<td>Total Post:</td>
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SOCIAL MEDIA MARKETING PLATFORMS USED

**Twitter**

**Top 5 Twitter post**

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<td>Followers:</td>
<td>739</td>
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</tbody>
</table>

- **Abstract Submission Deadline Extended until 21 Sept:**
  - Get the word about your innovative ultrasound research or case study by submitting an abstract today at [Wfumb2023.org](http://Wfumb2023.org)

- **UltraSonic Congress UltrasoundResearch**
  - Submit your innovations at Wfumb2023.org

- **ABSTRACT TOPICS:**
  - International Standard
  - Presenters: Ultrasound
  - Contact: Congress Organizers
  - Ultrasound & Clinical Care

- **SUBMIT YOUR ABSTRACT:**
  - For more information contact wfi@comms.org

- **Twitter**
  - Discover the world of Musculoskeletal Ultrasound (MSK) during Wfumb2023, ultrasound World Congress on 4th November in Muscat, Oman.
  - Secure your spot now: [Wfumb2023.org](http://Wfumb2023.org)

- **Featured Workshop**
  - **DAY 1 - SATURDAY 4 NOVEMBER 2023**
  - MSK Workshop
  - Time: 09:00 - 16:00
  - Venue: International Convention Center
  - Fee: 200 USD

- **23CME Points**
  - Elevate your expertise at the Wfumb2023
  - Earning in Muscat, Oman

- **Wfumb2023.org | Wfumb2023 | IPEvents**
Interviews/Promotional Videos

Videos Promoted for WFUMB 2023

**Description** | **Count**
--- | ---
Total Post: | 17
Total Page Likes: | 35
Views: | 1,562

[Image of YouTube thumbnails with video titles and views]

Prof. Ioan Sporea
Chair - Congress Committee
Congress Committee Chair, Prof. Ioan Sporea from Romania, gives an insight into WFUMB 2023.

Pres. Elect Prof. Sudhir Vinayak
Invites you to WFUMB 2023 Ultrasound World Cong. in Muscat, Oman!

Thank you for attending WFUMB 2023!

OSUM President, Dr. Saqar Al Tai talks about WFUMB 2023 Congress in Muscat, Oman.

OSUM President Dr. Saqar Al Tai provides insight on WFUMB 2023 World Congress in Muscat, Oman.
WFUMB 2023 ULTRASOUND WORLD CONGRESS

Occurring every 2 years, it is one of the most important events of the year for the international community of ultrasound, designed for multi-disciplinary professionals, both those specializing in ultrasound and those with a more general clinical interest, who want to be updated on the developments in the field. Leading international experts as well as young researchers will present and discuss the latest developments in medical ultrasound.

Event Dates & Venue
- 04 Nov - 07 Nov 2023, 9:00 am - 6:00 pm
- Oman Convention & Exhibition Centre, Muscat, Oman

Hotels & Stays near the event
- Search for hotels near the event location.

Social Networks
- Connect with the event via social media platforms.

For more information about this event, contact the organizer.
Contact Information:
- Email: info@wfumb2023.org
- Phone: +971 4 333 5555
- Website: www.wfumb2023.org
WFUMB 2023 ULTRASOUND WORLD CONGRESS
Oman Convention & Exhibition Centre, Muscat

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**DATES & VENUE**
* 04 Nov - 07 Nov 2023, 9:00 am - 6:00 pm
* Oman Convention Exhibition Centre, Muscat, Oman

**OTHER INFORMATION**
* [Visit Event Website](#)

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**Technology and Innovation Summit**

**WFUMB 2023 ULTRASOUND WORLD CONGRESS**

**WFUMB CONGRESS 2023 MUSCAT, OMAN**
* 4 - 7 November 2023

**WFUMB 2023 ULTRASOUND WORLD CONGRESS**

**WFUMB 2023 ULTRASOUND WORLD CONGRESS**
* November 4, 2023 @ 9:00 AM

**WFUMB 2023 ULTRASOUND WORLD CONGRESS**

**WFUMB 2023 ULTRASOUND WORLD CONGRESS**
* November 4, 2023

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**WEB LISTINGS**

WFUMB2023.org | #WFUMB2023 | #IPEvents
EVENT’S HIGHLIGHTS

Under the Patronage
H.E. Hilal bin Ali bin Hilal Al Sabti
Minister of Health
Muscat Sultanate of Oman

OSUM President
Dr. Saqar Altai
FRCR, The President of the Oman Society of Ultrasound in Medicine
Senior Consultant of Radiology, Royal Hospital
Muscat, Oman

Congress Current President
Prof. Sudhir Vinayak
MBChB, The Current President of World Federation for Ultrasound in Medicine and Biology (WFUMB) 2023, Chair
Department of Imaging & Diagnostic Radiology
Nairobi, Kenya

Congress Immediate Past President
Prof. Cristina Chammas
MD, PhD, Immediate past president of WFUMB Director of Ultrasound Division, Hospital Das Clinicals School of Medicine
University of Sao Paulo Brazil

Ex-Vice President
Prof. Ioan Sporea
Ex Vice President, University of Medicine and Pharmacy
Timisoara, Romania

Venue
Oman Convention and Exhibition Center

Committee/Faculty
Organizing & Scientific Committee: 20, Faculty: 150

Program
Tracks: 6, Lectures: 232
Sessions: 48, Industry symposiums: 15, Workshop: 13

Attendees
Attendees: 825
Participating Countries: 88

Partners/ Societies
Supported by: 1, Endorsed by: 6
Media Partners: 5

Industry Partners
Sponsors: 9
Exhibitors: 2

Organizer
InfoPlus Events LLC

OCEC
170
308
825
12
11
110
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**Step 1:** Access the App Store on iOS devices or the Play Store on Android and download the App “WFUMB”

**Step 2:** Open the “WFUMB” App on your mobile device’s home screen

**Step 3:** Find the Current & Upcoming Event from the list "WFUMB 2023". Click “Open” to download the event.

**Step 4:** Enter your first & last name and the registered email ID to receive an OTP (one-time password) on your registered email ID to log in to the Event App.

*Note:* Only registered attendees will be able to access the full Event App. If you do not receive the OTP, it means your email ID is not registered to the congress.

If you are registered but with a different email which is not configured on your mobile device, contact InfoPlus Helpdesk onsite to add your alternate email ID. After which attendees can log in again to receive the verification OTP to access the full mobile App.
WFUMB 2023
ULTRASOUND WORLD CONGRESS
MUSCAT, OMAN

SAVE THE DATE

WFUMB 2025
ULTRASOUND TOWARD SUSTAINABLE HEALTHCARE SYSTEM

THE 20TH CONGRESS OF WORLD FEDERATION FOR ULTRASOUND IN MEDICINE AND BIOLOGY

Dates: **May 29** (Thu) - **June 1** (Sun), **2025**
Venue: **Kyoto, Japan** (Kyoto International Conference Center)

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