









WFUMB 2023 ULTRASOUND WORLD CONGRESS MUSCAT, OMAN



4 - 7 NOVEMBER 2023



Oman Convention & Exhibition Centre

EVENT REPORT 2023





CONGRESS PREVIEW











MESSAGE FROM THE CHAIRMAN

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,



Muscat, Oman

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

PROGRAM HIGHLIGHTS

The Congress concluded with participation from 89 Countries and a total of 1,095 Total attendes registered to the congress. The scientific program content offered 48 Sessions, 232 lecture topics, 15 Industry symposiums and 13 Workshop during the 4 days program.

There were 150 speakers from 49 countries who contributed in 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 ul 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



PROGRAM HIGHLIGHTS

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 filed of Ultrasound, MSK, Critical care, Obstetrics and gynecology and various other topics.
- Enhances their knowledge on the latest & up to date technologies in the filed of Ultrasound, MSK, Critical care, Obstetrics and gynecology and various other topics
- Network, meet and build relationships with their peers in the filed of ultrasound and biology
- Participate in various comprehensive information session including panel discussion



VENUE & ACCOMMODATION

Congress Venue

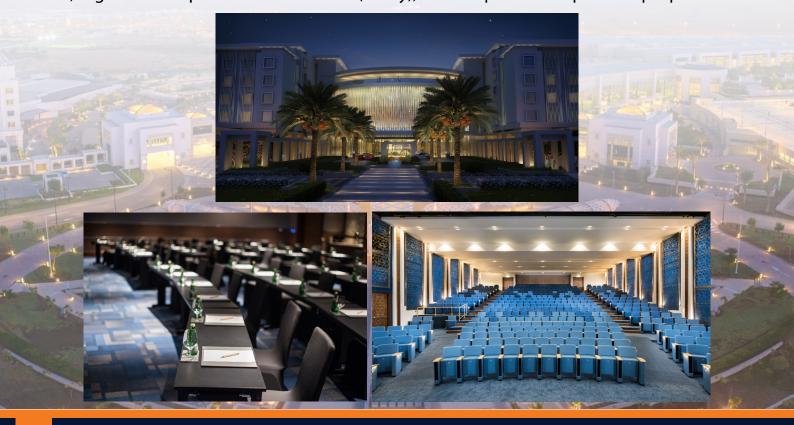
The congress was held in iconic Oman Convention and exhibition center Muscat – Oman.

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.



INAUGURATION & OPENING CEREMONY

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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ACCREDITATION

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.













SCIENTIFIC PROGRAM

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



ABSTRACTS

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 Member – Oman Dr. Saqar Altai Member - Oman Dr. Aliya Al Barwani Dr. Hussain Al Bulushi Member - Oman Dr. Badriva Al Oassabi 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/sodi-

um alginate/ hyaluronic acid composite hydrogels: By a green chemistry approach

SCIENTIFIC PROGRAM

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

Day 2:

The following sessions were distributed across the four days:

Day 1: POCUS Workshop, MSK Workshop

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 Ouantification 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

Day 1	SATURDAY	4 NOVEMBER 2023
TIMING	POCUS - WORKSHOP	WORKSHOP ROOM 1
07:30 - 08:00	Registration	
	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	Rashid Al Araimi
	generation & optimization; tips and pitfalls	
08:45 - 09:15	Lung ultrasound Assessment:	Suad Al Bulushi
	Is there a pneumothorax?	
	Is there a pleural effusion?	
09:15 - 10:15	Hands on training (Lung)	All Instructors
10:15 - 10:30	Coffee Break	
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:	Moza Al Kalbani
	-Sono-natomy (pericardium, cardiac chambers & valves	
	-Four basic cardiac views	
	-Pathology (pericardial effusion, global systolic function, RV/LV	enlargement)
12:20 - 13:20	Hands on training (Basic ECHO)	All Instructors
13:20 - 14:00	Lunch and Prayer Break	
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	
TIMING	MSK - WORKSHOP	WORKSHOP ROOM 2
08:00 - 09:00	Registration	
	Session 1: Shoulder Ultrasour	nd
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	
	Constant 2 A 11 0 F 1 (1)	
	Session 2: Ankle & Foot (Hands	-on)
13:30 - 15:30	Live Demo	Carlo Martinoli
15:30 - 16:30	Hands-On	All Instructors
16,20 17,00	004	Carlo Martinoli

16:30 - 17:00

Q & A

Carlo Martinoli

Day 2 SUNDAY

TIMING

5 NOVEMBER 2023

HALL 1

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

DAY 2	SUNDAY	NOVEMBER 2023
TIMING	MSK	HALL 2
08:00 - 09:00	Registration	
09:00 - 11:00	Session 4: Ultrasound of Upper limb (1) Moderators: Hussain Al Bulushi & Leila Aghagha	azvini
09:00 - 09:20	Rotator cuff ultrasound: State of art	Felipe Carneiro
09:20 - 09:40	Ultrasound of coracoid area	Carlo Martinoli
09:40 - 10:00	Ultrasound of long head of biceps and pectoralis major	Felipe Carneiro
10:00 - 11:00	High resolution ultrasound of the shoulder; tendons and beyond	Carlo Martinoli
	(Organized by Canon Medical Systems)	
11:00 - 11:20	Coffee Break	
11:20 - 13:00	Session 5: Ultrasound of Upper limb (2) Moderators: Abeer Al Riyami & Varaprasad Ve	muri
11:20 - 11:40	Normal sonography technique and anatomy of the wrist	Mohammed Salman
11:40 - 12:00	Ultrasound of carpal tunnel syndrome	Varaprasad Vemuri
12:00 - 12:20	Ultrasound of the fingers	Carlo Martinoli
12:20 - 12:40	Ultrasound of the thumb tendons and ligaments	Carlo Martinoli
12:40 - 13:00	Discussion	
13:00 - 14:30	Lunch Break	
14:30 - 16:45	Session 6: Advanced MSK Ultrasound - 1 Moderators: Khamis Al Muzahmi & Ramy Man	sour
14:30 - 14:50	Ultrasound of small joints in Rheumatologic Diseases	Leila Aghaghazvini
14:50 - 15:10	Ultrasound of nerve pathology: Can we see it and treat it?	Chueh-Hung Wu
15:10 - 15:30	Ultrasound Guided injections of Shoulder	Ramy Mansour
15:30 - 15:50	Ultrasound of soft tissue tumor and tumor like lesions	Varaprasad Vemuri
15:50 - 16:10	Ultrasound of neck pathology: Pain/dystonia/dysphagia	Chueh-Hung Wu
16:10 - 16:30	Ultrasound of Post operative knee	Ivan Quiros
16:30 - 16:45	Discussion	
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Day 2	SUNDAY 5 NO	VEMBER 2023
TIMING	ABDOMINAL	HALL 3
08:00 - 09:00	Registration	
09:00 - 11:00	Session 7: Oncology & IR Moderators: Mahmood Al Hajri & Won Jae Lee	
09:00 - 09:20	Progress in imaging Diagnosis of Hepatocellular Carcinoma	Won Jae Lee
09:20 - 09:40	Ultrasound-Guided liver ablation: Basic beyond novel	Hyunchul Rhim
09:40 - 10:00	THE ROLE OF THE CEUS IN INTERVENTIONAL PROCEDURES	Franca Meloni
10:00 - 10:20	Ultrasound-Guided liver Ablation for Hepatic Dome Lesion	Hyunchul Rhim
10:20 - 10:40	CEUS & Fusion & Interventional Ultrasound - A Match made in heaven	Christian Nolsoe
10:40 - 11:00	Imaging Evaluation of Treatment Efficacy after liver tumor RFA	Yi-Hong Chou
11:00 - 11:20	Coffee Break	
11:20 - 13:00	Session 8 : Elastography in clinical practice Moderators: William YL Wan & Ioan Sporea	
11:20 - 11:40	Ultrasound and elastography of spleen	William YL Wan
11:40 - 12:00	Liver Elastography using ultrasound waves	Ioan Sporea
12:00 - 12:20	How to correlate Transient Elastography, ARFI Shear wave, and MRE for	Richard Barr
	liver stiffness evaluation	
12:20 - 12:40	Update to the SRU guidelines and how they relate to WFUMB guideline update	Giovanna Ferraioli
12:40 - 13:00	Ultrasound based elastography for portal hypertension evaluation	Ioan Sporea
13:00 - 14:30	Lunch Break	
14:30 - 16:30	Session 9: Liver Fat Quantification Moderators: Noor Al Busaidi & Giovanna Ferraioli	
14:30 - 14:50	Clinical aspects of NAFLD in obesity Pratice	Noor Al Busaidi
14:50 - 15:10	Quantification of Liver Fat and Fibrosis Using Ultrasound	Yi-Hong Chou
15:10 - 15:30	QUS for liver steatosis assesment: Where do we stand now?	Giovanna Ferraioli
15:30 - 15:50	Liver fat quantification – how do histology, CAP, Attenuation Imaging,: Backsca	tter Richard Barr
	Coefficient, Speed of Sound and MR PDFF correlate with each other what should	ld be used
15:50 - 16:10	Ultrasound: the best method for screening in NAFLD patients	Ioan Sporea
16:10 - 16:30	Need for a standardized protocol for liver fat quantification with ultrasound att	enuation Giovanna Ferraioli

coefficient algorithms

5 NOVEMBER 2023

DAY2 SUNDAY

TIMING	ABDOMINAL	HALL 4	
08:00 - 09:00	Registration		
09:00 - 11:00	Session 10: GI US Moderators: Odd Helge Gilja & San-Kan Lee		
09:00 - 09:20	The world first guidelines on gastrointestinal ultrasound	Odd Helge Gilja	
09:20 - 09:40	How to learn gastrointestinal ultrasound	Christoph F Dietrich	
09:40 - 10:00	GIUS Intestinal Emergencies	Odd Helge Gilja	
10:00 - 10:20	Sonography Diagnosis of Acute Appendicitis and Differential Diagnosis	San-Kan Lee	
10:20 - 10:40	Acute Diverticulitis - The role of ultrasound	Alina Popescu	
10:40 - 11:00	High intensity focused ultrasound: Abdominal application	Jae Young Lee	
11:00 - 11:20	Coffee Break		
11:20 - 13:00	Session 11: Abdominal Moderators: Antonio Carlos Matteoni & Hisham Al Dhahab		
11:20 - 11:40	Role of EUS in the evaluation of gastric sub epithelial lesions	Hisham Al Dhahab	
11:40 - 12:00	THE NODULE IN CIRROTIC LIVER	Franca Meloni	
12:00 - 12:20	Portal system - Hypertension and thrombosis	Dieter Nuenberg	
12:20 - 12:40	Liver Transplantation, normal and abnormal findings on ultrasound	Manjiri Dighe	
12:40 - 13:00	Ultrasound of gallbladder polyps: New criteria	Antonio Carlos Matteoni	
13:00 - 14:30	Lunch Break		
14:30 - 16:30	Session 12: Abdominal (Spleen, Pancreas, & Adrenals) Moderators: Christian Jenssen & Christoph F Dietrich		
14:30 - 14:50	Ultrasound of spleen most neglected organ	Kanu Bala	
14:50 - 15:10	Ultrasound & Imaging of adrenal gland, a review and an update	William YL Wan	
15:10 - 15:30	Incidentally detected pancreatic cystic lesiols - the role of transabdominal and	Christian Jenssen	
	endoscopic ultrasound		
15:30- 15:50	Differential Diagnosis of small solid pancreatic tumors	Adrian Saftoiu	
15:50 - 16:10	Focal pancreatic lesions: if biopsy at all - always better by EUS?	Christoph F Dietrich	
16:10 - 16:30	Group Discussion	Christian Jenssen	

DAY2 SUNDAY **5 NOVEMBER 2023 OBSTETRICS & GYNECOLOGY HALL 5 AUDITORIUM TIMING** 08:00 - 09:00 Registration Session 13: Obstetrics & Gynecology 09:30 - 11:30 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 abnormalites 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 occulude placental blood vessels as a Gail Ter Haar method of in the treatment of twin-twin transfusion syndrome (TTTS) 11:10 - 11:30 Discussion & closing remarks 11:30 - 11:50 **Coffee Break** Session 14: Obstetrics & Gynecology 11:50 - 13:30 Moderators: Alison Deslandes & Divya Singh 11:50 - 12:10 Early fetal growth restriction Tamima Al Dughaishi 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 Ching-Chang Hsieh different ultrasonographic images 13:10 - 13:30 Discussion & closing remarks 13:30 - 14:30 **Lunch Break** Session 15: Obstetrics & Gynecology 14:30 - 16:10 Moderators: Sergiu Puiu & Alya Al Madhani Alison Deslandes 14:30 - 14:50 How to Perform a baseline ultrasound for subfertility 14:50 - 15:10 Female pelvis scan for extra - gynecological pelvic pathologies Sergiu Puiu

Divya Singh TLN Praveen

15:10 - 15:30

15:30-15:50

15:50 - 16:10

Placenta accreta spectrum

Discussion & Closing Remarks

Fibroid mapping - current concepts

Day 3	MONDAY 6 NOV	/EMBER 2023
TIMING	BREAST ULTRASOUND	HALL 1
08:00 - 09:00	Registration	
09:00 - 11:00	Session 1: General Principles of Breast Ultrasound Moderators: Fatma Tufail & Suad Al Duwaiki	
09:00 - 09:20	Ultrasound of the axilla	Suad Al Duwaiki
09:20 - 09:40	Sonography mammography correlation	Shaza Al Sharif
09:40 - 10:00	Role of Breast ultrasound in breast cancer screening: whole breast Ultrasound	Masoumeh Gity
	vs hand held Ultrasound	
10:00 - 10:20	Ultrasound features of different breast cancers	Boris Brkljacic
10:20 - 10:40	The updated WFUMB breast elastography guideliness	Richard Barr
10:40 - 11:00	Group Discussion	All speakers
11:00 - 11:20	Coffee Break	
11:20 - 13:00	Session 2: Breast Ultrasound Screening & Diagnostic Moderators: Samya Al Salhi & Shaza Al Sharif	
11:20 - 11:50	Role of Ultrasound guided vacuum biopsy and vacuum excision for breast lesions	Masoumeh Gity
11:50 - 12:10	Ultrasound in Pregnancy and Lactation	Badriya Al Qassabi
12:10 - 12:30	Breast ultrasound and breast imaging in postoperative breast afer oncoplastic sur	rgery Boris Brkljacic
12:30 - 13:00	Radiology pathology correlation: interactive cases	Shaza Al Sharif
13:00 - 14:30	Lunch Break	
14:30 - 16:00	Session 3: Student Ultrasound Education Moderators: Lucia Perez Gomez & Christoph F Dietrich	
14:30 - 14:45	Controversies in student ultrasound education (SUSE)	Christoph F Dietrich
14:45 - 15:00	IFMSA Liaison Officer for WFUMB and expectations for the future	Lucia Perez Gomez
15:00 - 15:15	Ultrasound education in Belgium	Gabrial Jalma
15:15 - 15:30	Ultrasound education in South Africa	Mohamed Hoosen Suleman
15:30 - 15:45	Ultrasound education in Lithuania	Oleksandra Levchenko
15:45 - 16:00	Ultrasound education in Gambia	Nameera Banu
16:00 - 16:50	Session 4 -Young Investigator Moderators: Franca Meloni & Adrian Saftoiu	
16:00 - 16:12	The first 5 targeted trans-perineal prostate biopsies diagnose the majority o	Adam Morrell
	PROMIS criteria cancer in patients with a Likert 4 or 5 score on mpMRI	
16:12 - 16:24	The effect of shear stress on acute cerebrovascular function	Kate Thomas
16:24 - 16:26	'Mimba Yangu' ~ My Pregnancy - The role of technology in access to quality	Nidhi Leekha
	maternal services and enhancement of birth preparedness	
16:26 - 16:38	An Unsupervised Deep Beamformer for High-Quality Ultrafast Ultrasound Imagin	g Hyunwoo Cho
16:38 - 16:50	Contribution of ultrasonographic fat quantification programs in the non invasive	Rafael Gonzalez
	assessment of non-alcoholic fat liver disease	

DAY3 MONDAY

6 NOVEMBER 2023

TIMING MSK HALL 2

	09:00 - 11:00	Session 5: Ultrasound of Lower Limb (1) Moderators: Aliya Al Barwani & Ivan Quiros	
	09:00 - 09:20	Normal sonography technique and anatomy of knee joint	Varaprasad Vemuri
	09:20 - 09:40	Normal sonography technique and anatomy of hip joint	Mohammed Salman
	09:40 - 10:00	Ultrasound features in Adult Hip Pathology	Ivan Quiros
	10:00 - 10:20	Ultrasound of Achilles tendon, what to report?	Fatma Abdularahaman
	10:20 - 10:40	Achilles Tendon Insertional Variants and Clinical Approach	Ivan Quiros
	10:40 - 11:00	Discussion	•
	11:00 - 11:20	Coffee Break	
	11:20 - 13:00	Session 6 : Ultrasound of lower limb (2) Moderators: Fatma Abdula rahaman & Mohammed Salman	
	11:20 - 11:40	Ultrasound of DDH	Fatma Abdularahaman
	11:40 - 12:00	Ultrasound of muscle injury	Sameer Raniga
	12:00 - 12:20	Ultrasound of pubic pubalgia	Fatma Abdularahaman
	12:20 - 12:40	Ultrasound of cysts around the knee	Varaprasad Vemuri
	12:40 - 13:00	Applications of deep learning in MSK ultrasound: experience sharing	Chueh-Hung Wu
	13:00 - 14:30	Lunch Break	
	14:30 - 16:30	Session 7: Advanced MSK Ultrasound - 2 Moderators: Sameer Raniga & Sultan Al Kalbani	
	14:30 - 14:50	The Role of Ultrasound to Guide Procedures in Orthopedic	Felipe Carneiro
	14:50 - 15:10	Ultrasound of calcific tendinitis and barbotage	Mohammed Salman
	15:10 - 15:30	The role of Ultrasound guided injection in meralgia paresthetica	Sultan Al Kalbani
	15:30- 15:50	SWE Elastography applications in MSK Ultrasound	Ivan Quiros
	15:50 - 16:10	Ultrasound evaluation of the spine and injection technique	Khamis Al Muzahmi
	16:10 - 16:30	Discussion and closing remarks	
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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 Shuaili	
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
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DAY3 MONDAY

6 NOVEMBER 2023

TIMING CEUS - ICUS HALL 4

09:00 - 11:00	Session 11: CEUS - ICUS Moderators: Paul S Sidhu & Cristina chammas	
09:00 - 09:40	1. Microbubble Contrast Agents their structure, safety, Function and Imaging	Stephanie R Wilson
	2. Performance of a successful CEUS Examination	Richard Barr/Dirk Clevert
	3.pitfalls and success	
09:40 - 10:00	Guidelines for CEUS	Paul S Sidhu
10:00 - 10:20	CEUS: The Fundamentals of Liver Mass Interpretation	Stephanie R Wilson
10:20 - 10:40	When and how to use liver CEUS in daily practice	Cristina chammas
10:40 - 11:00	Metastatic Liver disease the contribution of CEUS	Stephanie R Wilson
11:00 - 11:20	Coffee Break	
11:20 - 13:00	Session 12: CEUS - ICUS Moderators: Stephanie R Wilson & Dirk Clevert	
11:20 - 11:40	CEUS LI - RADS What is it and when should it be used	Yuko Kono
11:40 - 12:00	CEUS for resolution of indeterminate CT and MR liver scan	Stephanie R Wilson
12:00 - 12:20	Ablative therapy for HCC and other tumors: Performance, guidance and	Dirk Clevert
	monitoring with CEUS	
12:20 - 12:40	CEUS of the bowel: IBD, Abdominal Pain, bowel related masses	Stephanie R Wilson
12:40 - 13:00	CEUS of the kidney	Richard Barr
13:00 - 14:30	Lunch Break	
14:30 - 16:50	Session 13: CEUS - ICUS Moderators: Martin Krix & Masayuki Kitano	
14:30 - 14:50	Use of CEUS in unclear renel Lesions by using bosniak classification	Dirk Clevert
14:50 - 15:10	CEUS in liver and kidney transplantation	Cristina chammas
15:10 - 15:30	Small parts CEUS testicle and thyroid	Vito Cantisani
15:30- 15:50	CEUS in evaluation of vascular disease	Vito Cantisani
15:50 - 16:10	CEUS of Splenic lesions	Paul S Sidhu
16:10 - 16:30	Contrast - Enhanced Endoscopicultrasonography	Masayuki Kitano
16:30 - 16:50	Quantitative CEUS	Martin Krix

DAY3 MONDAY

6 NOVEMBER 2023

TIMING OBSTETRICS & GYNECOLOGY HAL

HALL 5 AUDITORIUM

09:00 - 11:00	Session 14: Obstetrics & Gynecology Moderators: Manjiri Dighe & Nihal Al Riyami	
09:00 - 09:20	1st Trimester US assessment and emergencies	Arwa Osama
09:20 - 09:40	US & MRI findings of fetal neoplasms	Jeong Yeon Cho
09:40 - 10:00	Abdominal wall defect	Shamsa Al Hinai
10:00 - 10:20	The role of ultrasound in the screening and management of high risk pregna	ancy with Mouza Al Salmani
	preterm labor	
10:20 - 10:40	Fetal lung mass- etiology to diagnosis and imaging evaluation for predicting	g postnatal outcome Manjiri Dighe
10:40 - 11:00	Discussion & closing remarks	
11:00 - 11:20	Coffee Break	
11:20 - 13:00	Session 15: Obstetrics & Gynecology Moderators: Jeong Yeon Cho & T.P. Baskaran	
11:20 - 11:40	The basics of a Gynecology scan	Sue Westerway
11:40 - 12:00	Additional advantages of Color Doppler mapping for fetal therapy	Tuangsit Wataganara
12:00 - 12:20	Ultrasound evaluation of fetal musculoskeletal dysplasia	Jeong Yeon Cho
12:20 - 12:40	Umbilical Cord: Ultrasound features and Clinical implications	T.P. Baskaran
12:40 - 13:00	The role of ultrasound in congenital uterine anomalies	Sue Westerway
13:00 - 14:30	Lunch Break	
14:30 - 15:50	Session 16: Obstetrics & Gynecology Moderators: Mala Sibal & Lamya Al Kharusi	
14:30 - 14:50	The Differential Diagnosis of a Thickened Endometrium	Mala Sibal
14:50 - 15:10	Endometrial malignancy IETA approach	TLN Praveen
15:10 - 15:30	Examining the ovaries normal and abnormal	Divya Singh
15:30- 15:50	Discussion & Closing Remarks	
TIMING	THE CAROTID DOPPLER WORKSHOP	WORKSHOP ROOM 1

*Workshop Room 1 is Meeting Room 8

08:00 - 10:15

OSUM & ESNCH

D	AY4	TUESDAY	7 NOVEMBER 2023	
TI	MING	EMERGENCY & CRITICAL CA	RE HALL 1	
08:0	00 - 09:00	Registration		
08:4	0 - 11:00	Session 1: Critical Care and Emergency Ultrasour Moderators: Mohammed Al Shamsi & Moza Al Kal		
08:4	0 - 09:00	Developing ultrasounds program (Milestones of Omani POCUS)	Badar Al Hamarshdi	
09:0	0 - 09:20	Lung ultrasound in the acutely breathless patient	Adrian Goudie	
09:2	.0 - 09:40	Hepatobiliary ultrasound in ED	Noora Al Sukaiti	
09:4	0 - 10:00	ECHO in ECMO	Abdulrahman Al Fares	
10:0	0 - 10:20	Ultrasounds in cardiac arrest	Aftab Azad	
10:2	0 - 10:40	Artificial intelligence in Emergency Medicine	Adrian Goudie	
10:4	0 - 11:00	Ultrasound Utilities in mechanical ventilation	Mujahed Al Busaidi	
11:0	00 - 11:20	Coffee Break		
11:2	20 - 13:00	Session: 2 Critical Care and Emergency Ultrasour Moderators: Adrian Goudie & Saad Al Juma	nd	
11:2	.0 - 11:40	Emergencies and acute situations in gastrointestinal US (GIUS)	Dieter Nuenberg	
11:4	0 - 12:00	Right iliac fossa pain - beyond the appendix	Adrian Goudie	
12:0	0 - 12:20	CEUS in emergency medicine	Christoph Dietrich	
12:2	.0 - 12:40	CEUS in blunt abdominal trauma	Paul S Sidhu	
12:4	0 - 13:00	Q & A		
13:0	00 - 14:30	Lunch Break		
14:3	30 - 16:30	Session 3 - Critical Care and Emergency Ultrasou Moderators: Bader Al Hamarshdi & Abdulmunim A		
14:3	0 - 14:50	Transcranial doppler (TCD) ultrasound in ICU	Abdul Aziz Al Sibani	
14:5	0 - 15:10	Role of ultrasound in brain death testing	Mohammed R Al Shamsi	
15:1	0 - 15:30	The forgotten chamber (Right Ventricular ultrasound)	Abdulrahman Al Fares	
15:3	0- 15:50	Ultrasound for undifferentiated shock	Aisha Al Buraiki	
15:5	0 - 16:10	The ticking time bomb (Ultrasound of the aorta)	Aftab Azad	
16:1	0 - 16:30	Ultrasound Guided Nerve Block: A core skill for ED physicians	Mohammed Al Shamsi	

Day 4 Tuesday

7 NOVEMBER 2023

TIMING

US FOR PRIMARY HEALTHCARE

HALL 2

09:00 - 11:00	Session 4: Abdominal Moderators: Asma Shidhani & Jo McCann	
09:00 - 09:20	Ultrasound in primary healthcare opportunities and challenges	Asma Shidhani
09:20 - 09:40	The Beginners Guide to Biliary ultrasound	Jo McCann
09:40 - 10:00	A PoCUS curriculum for GPs and other frontline physicians – concept and current state	Christian Jenssen
10:00 - 10:20	The Beginners Guide to E- FAST Ultrasound	Jo McCann
10:20 - 10:40	Differential Diagnosis of Jaundice Anto	onio Carlos Matteoni
10:40 - 11:00	Incidental findings – how to manage the by-catch of ultrasound	Christian Jenssen
11:00 - 11:20	Coffee Break	
11:20 - 13:00	Session 5 : Small Parts, Vascular & Pediatrics Moderators: Edda L. Chaves	
11:20 - 11:40	Lower limb oedema - when DVT is not always the cause.	Maryla Kuczynska
11:40 - 12:00	Ultrasound for the Indeterminate Testis Lesion	Paul S Sidhu
12:00 - 12:20	Ultrasound in abdominal pain in pediatrics	Edda L. Chaves
12:20 - 12:40	The Beginners Guide to Aorta Ultrasound	Jo McCann
12:40 - 13:00	Lumps & Bumps - Ultrasound from tip to Toe	Christian Nolsoe
13:00 - 14:30	Lunch Break	
14:30 - 16:20	Session 6: Obs & Gyn for Primary Healthcare Moderators: Houda Al Yaqubi & Asma AlOjaili	
14:30 - 15:00	Early Pregnancy: normal ultrasound examination	Ahlam AlHanai
15:00 - 15:20	Early Pregnancy: abnormal ultrasound findings	Houda AlYaqubi
15:20 - 15:40	Fetal Biometry and Growth	Asma AlOjaili
15:40- 16:00	Basic Gynecological ultrasound Examination	Dina Al Balushi
16:00 - 16:20	Common Abnormal Gynecological Ultrasound Findings	Ahlam Al Kalbani
		Organized by
		igh
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	WFUMB 2023 ULTRASOUND WORLD CONGRESS 4-7 NOICHIGER 2023	□ App Store

Day 4 Tuesday

7 NOVEMBER 2023

TIMING PEDIATRIC - WFPI HALL 3

09:00 - 11:00	Session 7: Ultrasound in neonatal intensive care Moderators: Joanna Kasznia-Brown & Saud Al Shabibi		
09:00 - 09:30	Acute neurological conditions – ultrasound in diagnosis and monitoring	Hansel Otero	
09:30 - 10:00	Neonatal lung US - have we gone too far?	Jovan Lovrenski	
10:00 - 10:30	Imaging of abdomen/bowel in newborns	Hansel Otero	
10:30 - 11:00	All these lines – position and complications	Joanna Kasznia-Brown	
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		
11:20 - 11:40	Ultrasound of fractures – can I forget x-ray?	Hansel Otero	
11:40 - 12:00	Lumps and bumps in children – when to worry	Ramy Mansour	
12:00 - 12:20	Ultrasound of vascular abnormalities in children	Yahya Hamed Al Brashdi	
12:20 - 12:40	Ultrasound – an essential tool in rheumatology	Ramy Mansour	
12:40 - 13:00	Q & A		
13:00 - 14:30	Lunch Break		
14:30 - 16:30	Session 9: Pediatric Neck and Chest Moderators: Sultan Al Busaidi & Farida ambusaidi		
14:30 - 14:50	Ultrasound of neck and mediastinum	Joanna Kasznia-Brown	
14:50 - 15:10	Complicated pneumonias - are we ready for ultrasound as the	Jovan Lovrenski	
	first-line imaging modality		
15:10 - 16:30	Challenging cases in paediatric ultrasound	Hakima Al-Hashimi & Ajay De Souza	



Day 4 Tuesday

7 NOVEMBER 2023

TIMING ELASTOGRAPHY- 2 HALL 4A

09:00 - 11:00	Session 10: Elastography in clinical practice Moderators: Roxana Sirli & Caroline Ewertsen		
09:00 - 09:20	Liver Elstoraphy guidelines	Christoph F Dietrich	
09:20 - 09:40	How to teach and learn elastography, what?	Christoph F Dietrich	
09:40 - 10:00	Liver elastography in chronic viral hepatitis	Roxana Sirli	
10:00 - 10:20	US based liver elastography for alcoholic liver disease assessment	Alina Popescu	
10:20 - 10:40	Pitfalls in liver elastography	Roxana Sirli	
10:40 - 11:00	Group Discussion	All Speakers	
11:00 - 11:20	Coffee Break		
11:20 - 13:00	Session 11: Elastography in clinical practice Moderators: Vito Cantisani & Pai - Chi Li		
11:20 - 11:40	Elastography of Breast	Antonio Carlos Matteoni	
11:40 - 12:00	US -elastography of thyroid nodule: where are we standing	Vito Cantisani	
12:00 - 12:15	US-elastography of small parts	Vito Cantisani	
12:15 - 12:30	Shear Wave Elasticity imaging of 3D cell culture systems: Principles and applications	Pai - Chi Li	
12:30 - 13:00	Group Discussion	All Speakers	
13:00 - 14:30	Lunch Break		



DAY4 TUESDAY

7 NOVEMBER 2023

TIMING HALL 4B

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

FACULTY LOUNGE



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	Goerge Condous	
	technique in the management of bowel endometriosis		
10:20 - 10:40	Examining the uterus in post-menopausal women: Normal and abnormal	Maryam Al Shukri	
10:40 - 11:00	Discussion & closing remarks		
11:00 - 11:20	Coffee Break		
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		
13:00 - 14:30	Lunch Break		
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	
15:50 - 16:10	Discussion & closing remarks		
16:30	Closing Ceremony		

Day 4 Tuesday

7 NOVEMBER 2023

TIMING

ULTRASOUND OF THE NECK

WORKSHOP ROOM 2

08:00 - 09:00 Registration

	Session	i 1:	
09:00 - 09:30	"Sonoanatomy of the neck, thyroid, salivary gla mouth and Larynx, cervical nerves with live US	•	Norbert Gritzmann and Susanne Quis
09:30 - 10:15	Thyroid and parathyroids	Norbert (Gritzmann and Susanne Quis
10:15 - 11:00	Lymph nodes and typical cervical tumors	Norbert (Gritzmann and Susanne Quis
11:00 - 11:30	Salivary glands	Norbert (Gritzmann and Susanne Quis
11:30 - 11:50	Floor of the mouth and Larynx	Norbert (Gritzmann and Susanne Quis
11:50 - 12:00	Coffee B	reak	
12:00 - 13:30	Hands-on session	Norbert (Gritzmann and Susanne Quis

*Workshop Room 2 is Meeting Room 9



INDUSTRY SYMPOSIA

Day 2 SUNDAY **5 NOVEMBER 2023 TIMING** SPEAKER HALL FUJ¦FILM Transrectal Ultrasound of the Prostate Technique & Practical Considerations Ahmed M Tawfik Hall 2 mindray Mindray Unveils a New Era in Diagnostic Ultrasound Hall 4 Using Multi-Parametric Ultrasound Approach for Thyroid Lesions Diagnosis Vito Cantisani 13:00 - 13:20 13:20 - 13:40 New Innovative Tools to Assess Liver Diseases Richard Barr DAY3 MONDAY 6 NOVEMBER 2023 **TIMING** SPEAKER HALL SONOSCAPE 13:00 - 13:40 Never seen before and we might never see it again Christoph F. Dietrich Hall 2 SAMSUNG

Beyond B-mode US: Distinguishing from Steatosis to Fibrosis for Patient care and monitoring Day 4 Tuesday 7 NOVEMBER 2023

US for screening, identifying, and monitoring fatty liver

13:00 - 13:20

13:20 - 13:40

SPEAKER HALL **TIMING**

Christina Chammas

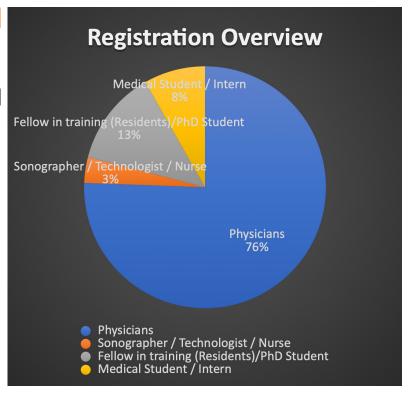
Paul Sidhu

13:00 - 13:40 Al in Obstetrics Ultrasound. Potential & Limitations Suresh Seshadri Hall 2



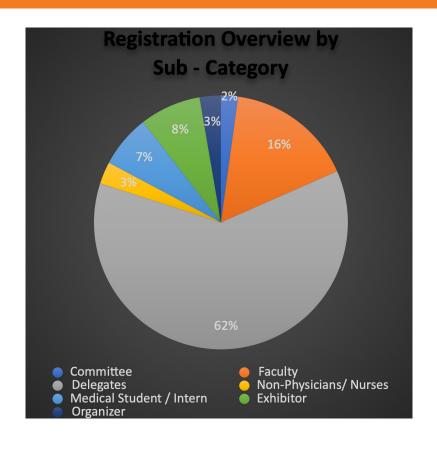
REGISTRATION OVERVIEW

Description	Count
Physicians	641
Sonographer / Technologist / Nurse	26
Fellow in training (Residents)/PhD Student	96
Medical Student / Intern	62
Total	825



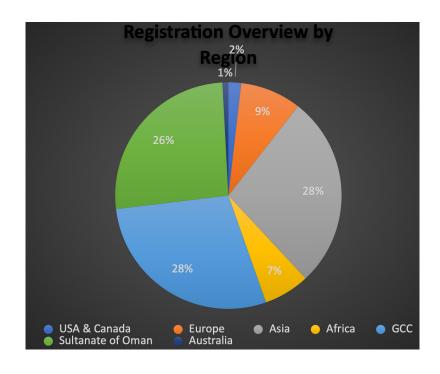
REGISTRATION OVERVIEW BY SUB - CATEGORY

Description	Count
Committee	20
Faculty	150
Delegates	470
Non-Physicians/ Nurses	26
Medical Student / Intern	62
Exhibitor	72
Organizer	25
Total	825

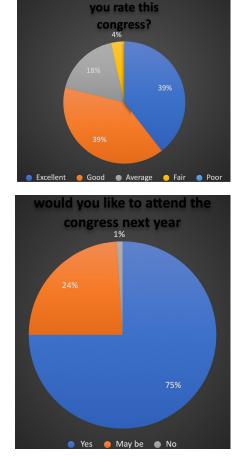


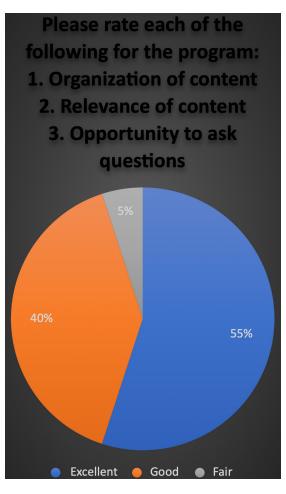
REGISTRATION OVERVIEW BY REGION

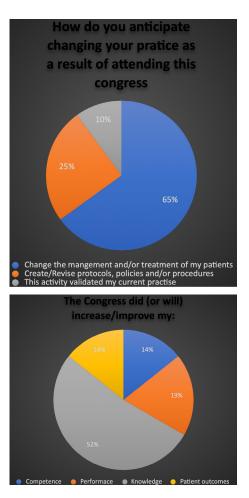
Description	Count
USA & Canada	15
Europe	72
Asia	227
Africa	54
GCC	235
Sultanate of Oman	215
Australia	7
Total	825



OVERALL CONGRESS FEEDBACK

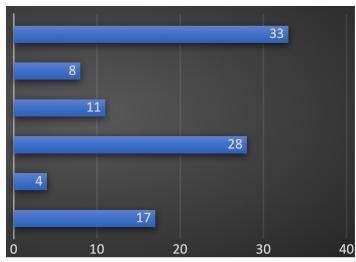




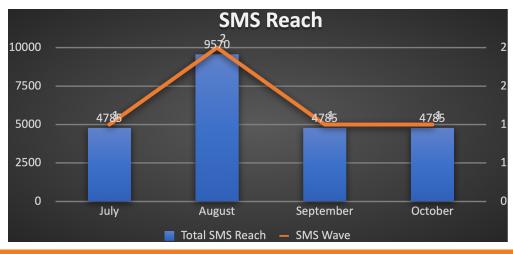




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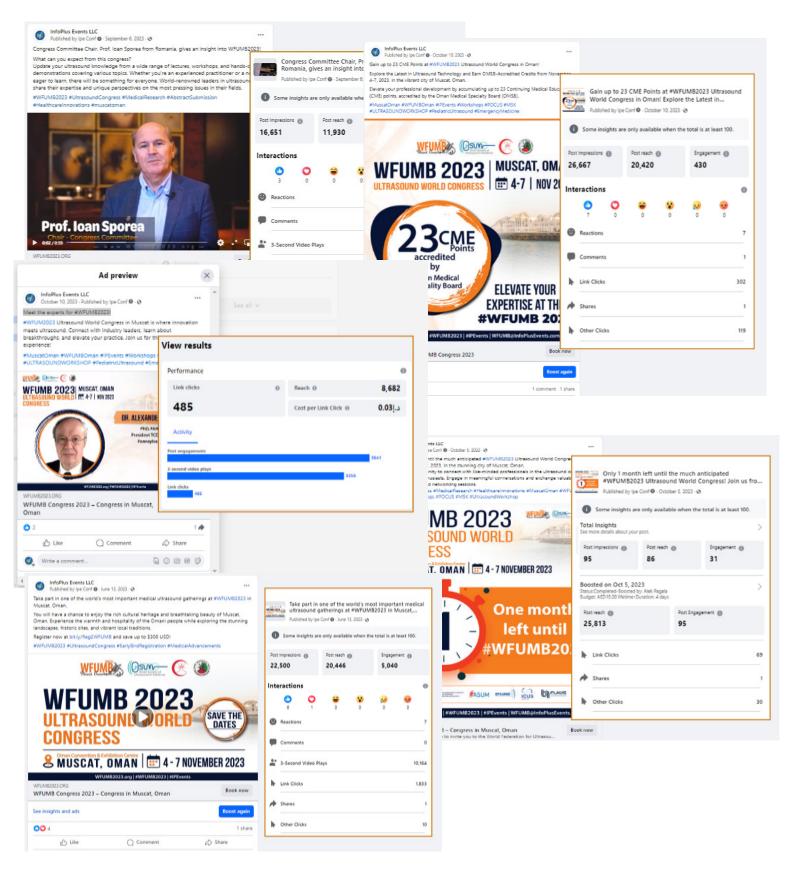




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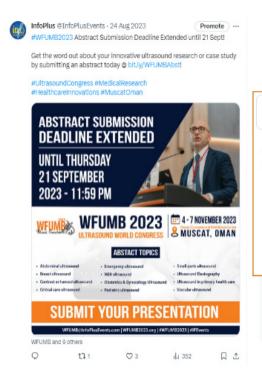
Total Post: 61
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Followers: 401

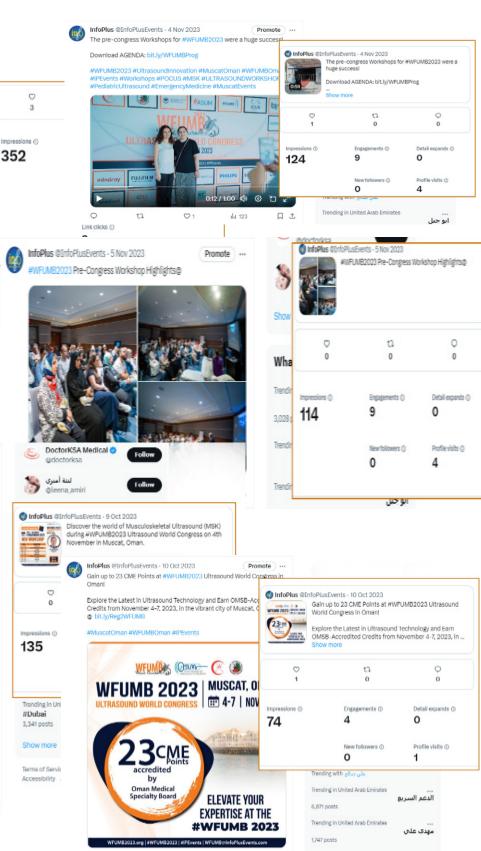


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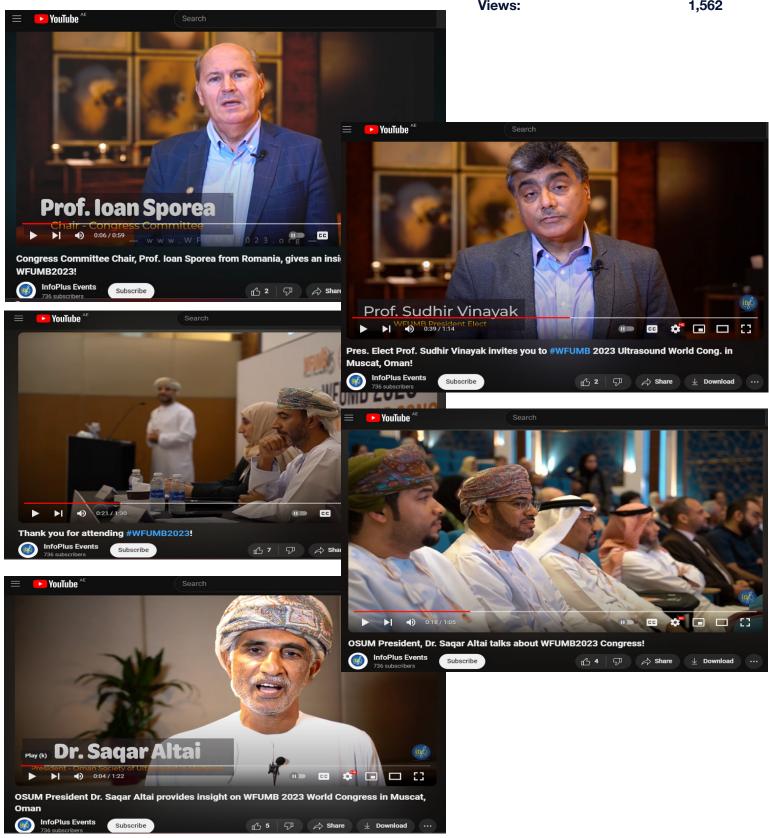
INTERVIEWS/PROMOTIONAL VIDEOS

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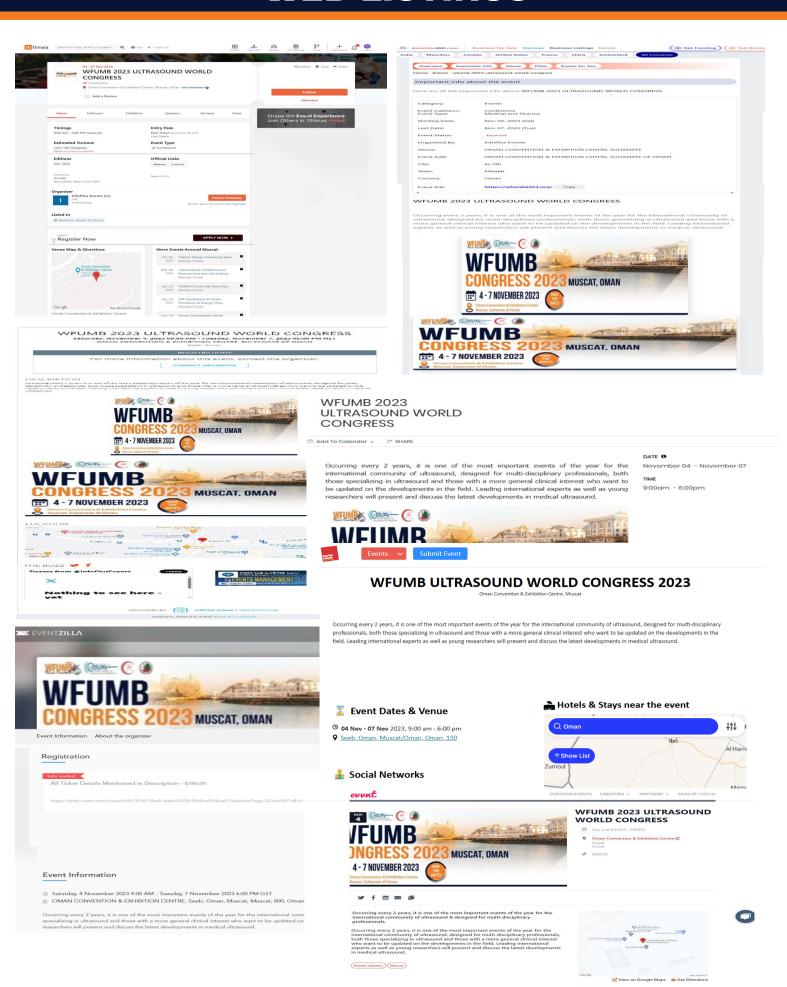


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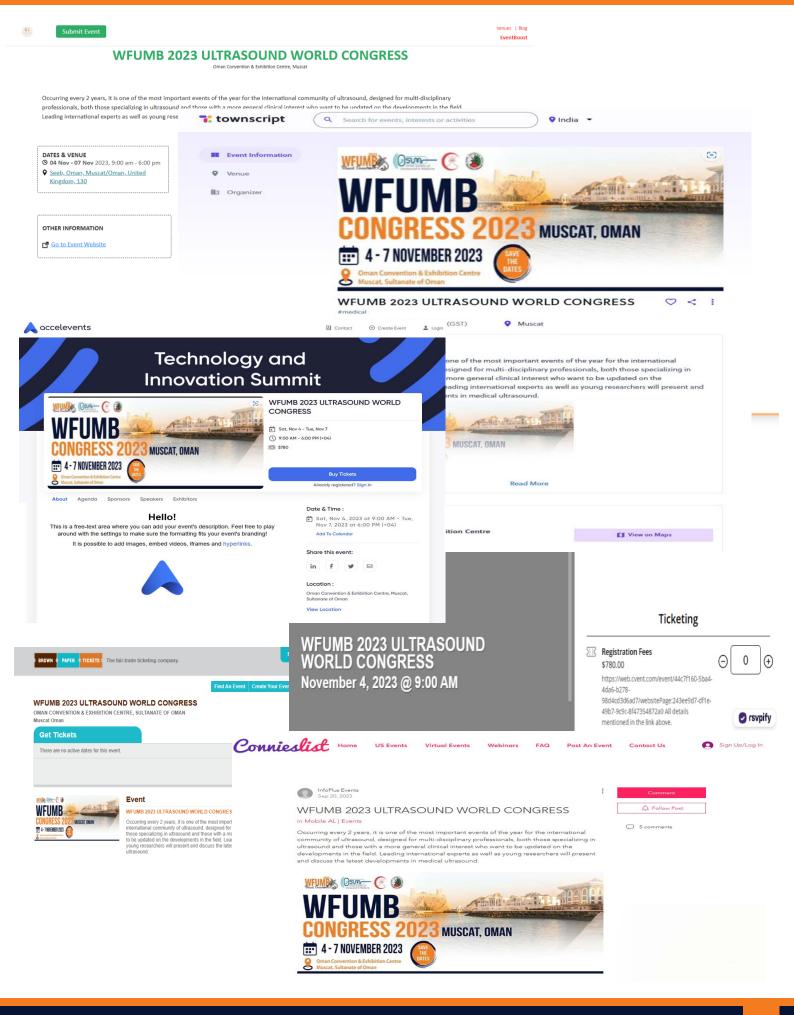
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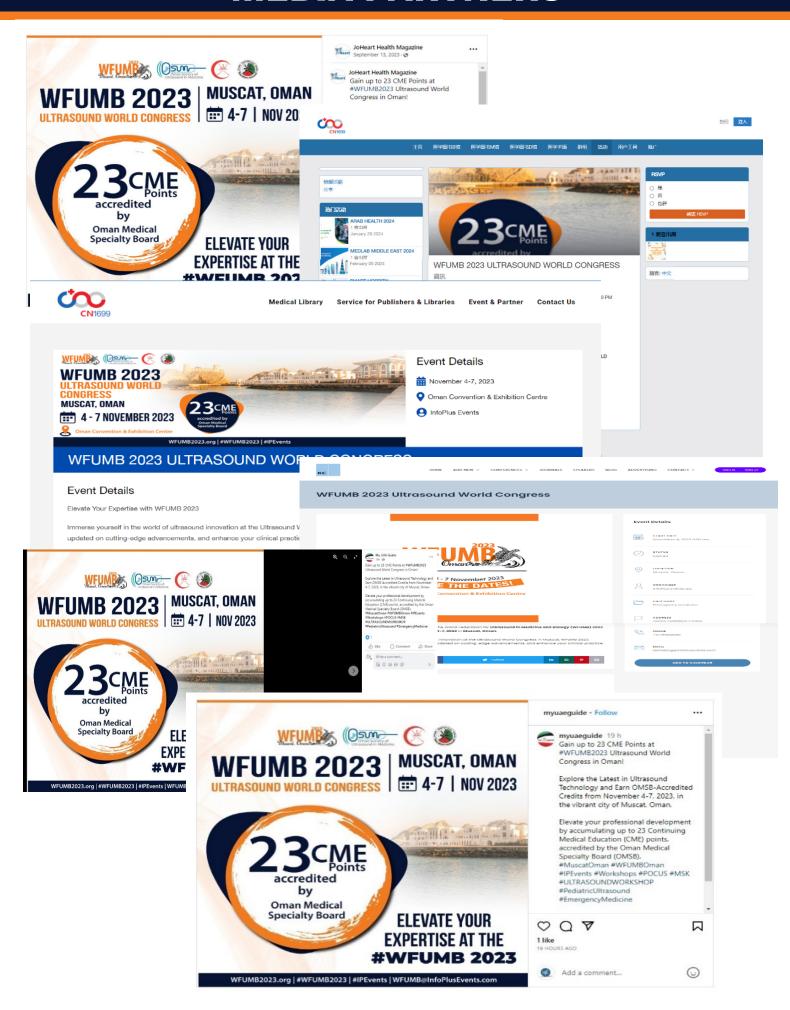
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OCEC

Program

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

Committee/Faculty

Organizing & Scientific Committee: 20, Faculty: 150

Attendees

Attendees: 825 Participating Countries: 88

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