



SOCIETÀ ITALIANA DI ULTRASONOLOGIA
IN MEDICINA E BIOLOGIA



35th CONGRESS OF THE EUROPEAN FEDERATION OF SOCIETIES
FOR ULTRASOUND IN MEDICINE AND BIOLOGY

EUROSON 2024

CONGRESS PROGRAMME

NAPLES ITALY NOVEMBER 9|11

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SATURDAY NOVEMBER 9

SATURDAY NOVEMBER 9

PLENARY GALATEA		PERSEIDE ROOM		AGAVE ROOM		ULISSE ROOM	
10.50	MPUS IN LIVER DISEASE	8.30	MPUS OF SUPERFICIAL ORGANS- NECK	8.30	LECTURE CEUS and multiparametric US in patients with high BMI and fatty liver	8.30	REFRESHER COURSE Multiparametric Emergency Ultrasound: Beyond B-Mode
13.00	LUNCH BREAK	10.05	DEGUM LECTURE How can CEUS help in characterizing lymphnodes?	8.55	ORAL PAPERS	10.10	COFFEE-BREAK
15.30	ABDOMEN MPUS: LIVER AND BEYOND Part I	10.55	COFFEE-BREAK	10.20	COFFEE BREAK	10.30	REFRESHER COURSE Penile imaging
16.30	COFFEE-BREAK	11.15	YOUNG INVESTIGATOR AWARD	10.40	EFSUMB CASE SESSION	11.45	REFRESHER COURSE Role of Ultrasound in Dermatology & Aesthetics Surgery
16.50	ABDOMEN MPUS: LIVER AND BEYOND Part II	12.45	LUNCH BREAK	12.10	LUNCH BREAK	12.50	LUNCH BREAK
18.20	END OF SESSIONS	14.15	HHH LECTURE Bosniak Classification			14.00	FOCUS ON PREGNANCY What every radiologist should know when examining a pregnancy at risk
18.30	OPENING CEREMONY	15.45	COFFEE-BREAK			15.15	COFFEE-BREAK
		16.05	MPUS IN UROGENITAL DISEASE			15.35	REFRESHER COURSE: Transplanted kidney
		18.20	END OF SESSIONS			17.40	ORAL PAPERS
						18.30	END OF SESSIONS

SUNDAY NOVEMBER 10

SUNDAY NOVEMBER 10

PLENARY GALATEA

PERSEIDE ROOM

11.10 MISCELLANEOUS MPUS:
Newer Application, Ocular US,
Neurosonology
Part I

8.30 MPUS OF SUPERFICIAL ORGANS:
MUSCULOSKELETAL APPARATUS
Ultra-high resolution ultrasound:
where we are

12.05 MISCELLANEOUS MPUS:
Newer Application, Ocular US,
Neurosonology
Part II

10.25 COFFEE-BREAK

10.45 WFUMB LECTURE
Liver Elastography guidelines 2024

13.15 LUNCH BREAK

11.15 ORAL PAPERS

17.05 MPUS IN GYNECOLOGY
AND BREAST

12.25 LECTURE
Incidental hepatic lesions:
the right cost-benefit approach

19.15 END OF SESSIONS

12.50 LUNCH BREAK

14.10 MPUS IN INTERVENTIONAL
PROCEDURES

16.40 COFFEE-BREAK

17.00 ORAL PAPERS

19.15 SEND OF SESSIONS

MONDAY NOVEMBER 11

MONDAY NOVEMBER 11

PLENARY GALATEA		PERSEIDE ROOM		ELETTRA ROOM	
11.40	SAFETY IN MULTIPARAMETRIC US	8.30	REFRESHER COURSE: Selected CEUS application	8.30	VASCULAR DISEASE: MPUS ROLE
12.35	LECTURE Ultrasounds Screening in Obstetrics and Gynecology	10.20	COFFEE BREAK	10.25	COFFEE BREAK
13.00	ORAL PAPERS	10.40	MPUS IN GASTROINTESTINAL DISEASE	10.45	FOCUS: ABDOMINAL VESSELS DOPPLER US
13.30	LUNCH BREAK	12.30	LUNCH BREAK	11.45	ORAL PAPERS
14.45	MPUS IN PEDIATRICS	14.00	THE ROLE OF ULTRASOUND FOR GENERAL PRACTITIONERS	12.45	LUNCH BREAK
15.40	MPUS IN LUNG	15.10	JOINT SESSION ESR/EFSUMB MPUS in small parts examinations: where are we standing?		
16.30	END OF SESSIONS	from 16.30 to 17:00	CLOSING CEREMONY EUROSON CONGRESS		



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CONGRESS PROGRAMME PLENARY GALATEA



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SATURDAY, NOVEMBER 9

10.50 **MULTIPARAMETRIC ULTRASOUND (MPUS) IN LIVER DISEASE**
Chairs: **V. Cantisani (Italy), C. Ewertsen (Denmark)**

10.50 Liver Elastography: after everything we know ... What is useful to us today in daily practice?
H. Stefanescu (Romania)

11.05 Liver fat quantification: what's new?
R. Barr (USA)

11.20 Liver fat quantification in diabetic patients and its cardiovascular impact
J. A. Jimenez (Spain)

11.40 Diffuse liver diseases: beyond ultrasound
T.V. Bartolotta (Italy)

12.00 Q&A

12.10 MPUS for the evaluation of focal liver lesions: current challenges and tips to remember
C.F. Dietrich (Switzerland)

12.30 The CCC diagnostic challenge: multiparametric characterization
G. Vidili (Italy)

12.50 Q&A

13.00 **Lunch Break**

15.30 ABDOMEN MPUS: LIVER AND BEYOND

Chairs: R. Basilico (Italy), I. Sporea (Romania)

15.30 Liver vascular disease: US multiparametric evaluation
C. Serra (Italy)

15.45 Post-operative evaluation following liver transplantation
A. Samuilis (Lithuania)

16.00 Ultrasound in non-cirrhotic portal hypertension evaluation
M. Perez Peña (Spain)

16.15 Q&A

16.30 Coffee Break

16.50 Spleen lesions: a multiparametric US differential diagnosis challenge
I. Sporea (Romania)

17.10 Diffuse pancreatic diseases: what is the role of the multiparametric approach
C. Jenssen (Germany)

17.30 Pancreatic lesions: multiparametric evaluation
M. D'Onofrio (Italy)

17.50 Multiparametric evaluation of gallbladder wall diseases
A. Kamaya (USA)

18.10 Q&A

18.20 End of Sessions

18.30 Opening Ceremony

SUNDAY, NOVEMBER 10

11.10 **Miscellaneous Multiparametric US: Newer Application, Ocular US, Neurosonology**
Chairs: E. Bartels (Germany), N. Dahiya (USA)

11.10 Artificial Intelligence driven advancements in Ultrasound:
current trends and future perspectives
C. Bortolotto (Italy)

11.25 How to improve image performance in US
B. Bálint (Hungary)

11.40 Ocular ultrasound: what multiparametric US adds
S. Ozhan Oktar (Turkey)

11.55 Q&A

12.05 The axial imaging plane: the main domain
of transcranial color-coded duplex ultrasonography?
E. Bartels (Germany)

12.20 Transcranial brain sonography: established indications in neurology
U. Walter (Germany)

12.35 Imaging of plaque perfusion using Contrast-enhanced US: clinical significance
E. Vincenzini (Italy)

12.50 Artificial Intelligence (AI) in neurosonology diagnostics
A. Casadei (Italy)

13.05 Q&A

13.15 Lunch Break

17.05 **MPUS in Gynecology and Breast**
Chairs: **B. Brkljačić (Croatia), A. Kamaya (USA)**

17.05 Ultrasound diagnosis of pelvic floor disorders in woman: multiparametric approach
A.C. Testa (Italy)

17.20 Breast cancer: clinical overview
G. Arpino (Italy)

17.35 Dense breast : a challenge
F. Pediconi (Italy)

17.50 PocUS Breast ultrasound: an opportunity?
B. Brkljačić (Croatia)

18.05 Breast Elastography
R. Barr (USA)

18.20 Technological advances in breast US
M. Moschetta (Italy)

18.35 **Q&A**

18.50 **End of Sessions**

MONDAY, NOVEMBER 11

11.40 **SAFETY IN MULTIPARAMETRIC ULTRASOUND**
Chairs: **M. Kosiak (Poland), S. Spiezia (Italy)**

11.40 The safety of diagnostic ultrasound: is it real?
K. Jenderka (Germany)

11.55 CEUS safety after more than 20 years of use in clinical practise
C. Kollmann (Austria)

12.10 US in obstetrics. Safety considerations
C. Moran (Ireland)

12.25 **Q&A**

12.35 **LECTURE**
Ultrasounds Screening in Obstetrics and Gynecology
P. Antsaklis (Greece)

13.00 **Oral Free Papers**

13.30 **Lunch Break**

14.45 **MPUS US IN PEDIATRICS**
Chairs: **A. Deganello (United Kingdom), G. Vallone (Italy)**

14.45 Assessment of children's chronic liver disease by multiparametric ultrasound
M. E. Sellars (United Kingdom)

15.00 Sonography applications in paediatric orthopaedics
T. Novotny (Denmark)

15.15 Lung Ultrasound for the Neonatologist
F. Raimondi (Italy)

15.30 **Q&A**

NAPLES ITALY NOVEMBER 9|11 GALATEA ROOM

15.40 **MPUS IN LUNG**

Chairs: G Vidili (Italy), H.P. Weskott (Germany)

15.40 Multiparametric US in lung disease: real clinical utility
M. Ludwig (Germany)

15.55 State-of-the-art in Lung Ultrasound: shifting from Qualitative to Quantitative Analysis
H. Prosch (Austria)

16.10 Contrast-Enhanced Ultrasound of the Lung: does it make sense?
C.B. Laursen (Denmark)

16.25 **Q&A**

16.30 **Closing remarks**



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CONGRESS PROGRAMME
PERSEIDE ROOM

NAPLES ITALY NOVEMBER 9|11

SATURDAY, NOVEMBER 9

8.30 MULTIPARAMETRIC ULTRASOUND (MPUS) OF SUPERFICIAL ORGANS-NECK
Chairs: **E. Gotsiridze (Georgia), M. Secil (Turkey)**

8.30 Pattern recognition approach to diffuse thyroid diseases
M. Secil (Turkey)

8.45 Multiparametric evaluation of thyroid nodules
V. Cantisani (Italy)

9.05 Multimodality evaluation of parathyroid disease
M. Radzina (Latvia)

9.25 Q&A

9.35 Ablation of thyroid nodules. Comparison of different ablation methods
S. Spiezia (Italy)

9.50 US guided ablation of parathyroid lesions
C. Yucel (Turkey)

10.05 Never seen before? Anatomy and pathology of the oral cavity
T. Todsén (Denmark)

10.20 Q&A

10.30 **DEGUM LECTURE**
How can CEUS help in characterizing lymphnodes?
H.P. Weskott (Germany)

10.55 Coffee Break

11.15 YOUNG INVESTIGATOR AWARD
Chairs: **O. H. Gilja (Norway), F. Piscaglia (Italy)**

12.45 Lunch Break

14.15 MPUS IN UROGENITAL DISEASE
Chairs: **R. Barr (USA), M. Bertolotto (Italy)**

14.15 **HHH LECTURE**
Bosniak Classification
O. Graumann (Denmark)

14.45 Multiparametric ultrasound in solid renal lesions: a step-by-step approach
K. Stock (Germany)

15.00 New US tools in diffuse renal disease: are they useful?
M. Meola (Italy)

15.15 US assessment of the transplanted kidney
F.M. Drudi (Italy)

15.30 Q&A

15.40 Coffee Break

16.00 Vascular renal disease: multiparametric evaluation
F. Calliada (Italy)

16.15 Testes evaluation: the best US tools
P. Sidhu (United Kingdom)

16.30 Paratesticular lesions
M. Secil (Turkey)

16.45 Transrectal multiparametric US: State-of-the art
P. García (Spain)

17.00 Q&A

17.10 ORAL PAPERS

18.20 End of Sessions

SUNDAY, NOVEMBER 10

8.30 **MULTIPARAMETRIC US OF SUPERFICIAL ORGANS: Musculoskeletal System**
Chairs: **F. Draghi (Italy), C. Martinoli (Italy)**

8.30 Precision Imaging: the break-through of last-generation transducers in musculoskeletal ultrasound
C. Martinoli (Italy)

8.50 Ultrasound vs. MR imaging in the Musculoskeletal System: allied or competitors?
L. M. Sconfienza (Italy)

9.10 Ultrasound Imaging of the Adult Spine: an overview
A. Loizides (Austria)

9.30 Ultrasound-guided Interventional Procedures in the Musculoskeletal System
J. L. Del Cura (Spain)

9.50 Nerve Fascicular Imaging
H. Gruber (Austria)

10.10 Q&A

10.25 Coffee Break

10.45 **WFUMB LECTURE**
WFUMB Liver Elastography guidelines 2024
G. Ferraioli (Italy)

11.15 **SCIENTIFIC SESSION: HEPATOLOGY**
Chairs: **M. Pompili (Italy), H. Stefanescu (Romania)**

12.25 **LECTURE**
Incidental hepatic lesions: the right cost-benefit approach
R. Sirlì (Romania)

12.50 Lunch Break

14.10 **MULTIPARAMETRIC US in INTERVENTIONAL PROCEDURES**
Chairs: **E. Gotziridze (Georgia), D. Nürnberg (Germany)**

14.10 How do I get there? Impossible and unlikely accesses in US-guided biopsy
J.L. del Cura (Spain)

14.25 Focal Liver Lesions: which to puncture?
M.F. Meloni (Italy)

14.40 Diffuse Liver disease: is biopsy still necessary in times of elastography?
M. Pompili (Italy)

14.55 Up-Front vs. Delayed Thermal Ablation for Colorectal Liver Oligometastases: a multicenter retrospective study using Propensity Score Matching
L. Ping (China)

15.10 Q&A

15.25 Unresectable liver tumours: multiple ablative options
G. Francica (Italy)

15.40 Cyst therapy by ethanol or what else?
Z. Sparchez (Romania)

15.55 Renal cancer: biopsy or primary resection?
R. Lanocita (Italy)

16.10 Enhancing Precision Medicine: Fusion imaging Guided Interventions
C. Ewertsen (Denmark)

16.25 Q&A

16.40 Coffee Break

17.00 ORAL PAPERS

18.30 End of Sessions

MONDAY, NOVEMBER 11

8.30 **REFRESHER COURSE: Selected CeUS application**
Chairs: **E.M. Jung (Germany), M.F. Meloni (Italy)**

8.30 Pyelonephritis and Surroundings: the role of CEUS
H.P. Weskott (Germany)

8.50 CEUS in scrotal emergencies: the last chance
M. Bertolotto (Italy)

9.10 CEUS for Trauma Abdominal Emergencies: How, Why, and When
D.A. Clevert (Germany)

9.30 CEUS in the management of pediatric trauma patients
A. Deganello (United Kingdom)

9.50 Intracavitary CEUS applications
C.F. Dietrich (Switzerland)

10.10 Q&A

10.20 Coffee Break

10.40 **MPUS US IN GASTROINTESTINAL DISEASES**
Chairs: **O. H. Gilja (Norway), C. Serra (Italy)**

10.40 The role of multiparametric US in IBD
F. Castiglione (Italy)

10.55 Acute gastrointestinal disease: a multiparametric US approach
D. Nürnberg (Germany)

11.10 Beyond IBD: management benefits of multiparametric US
K. Nylund (Norway)

11.25 Q&A

11.35 Functional gastrointestinal disease
G. Maconi (Italy)

11.50 Elastography in GI diseases: the real use in clinical practice
A. Popescu (Romania)

12.05 The incidental gastrointestinal findings: pictorial essay
O. H. Gilja (Norway)

12.20 Q&A

12.30 Lunch Break

14.00 **THE ROLE OF ULTRASOUND FOR GENERAL PRACTITIONERS**
Chairs: **F. M. Drudi (Italy), C. Ewertsen (Denmark)**

14.00 What primary care physicians really need
H. Edwards (United Kingdom)

14.20 PoCUS curricula in Primary Healthcare
C. A. Andersen (Denmark)

14.40 Reliable and valid assessment of Point-of-Care Ultrasonography
T. Todsén (Germany)

15.00 Q&A

15.10 **Joint Session ESR/EFSUMB**
Multiparametric ultrasound (MPUS) in small parts examinations: where are we standing?
Chairs: **C. Jennsen (Germany), P. Sidhu (United Kingdom)**

15.00 Introduction
C. Jennsen (Germany), P. Sidhu (United Kingdom)

15.15 MPUS in Breast
B. Brkljačić (Croatia)

15.30 MPUS in Thyroid
V. Cantisani (Italy)

15.45 MPUS in Testis
M. Bertolotto (Italy)

16.00 Future perspectives of Multiparametric Ultrasound, including AI
M. Radzina (Latvia)

16.15 Q&A

16.30 Closing Ceremony of Euroson 2024



CONGRESS PROGRAMME ULISSE ROOM

NAPLES ITALY NOVEMBER 9

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SATURDAY, NOVEMBER 9

- 8.30 **REFRESHER COURSE**
Multiparametric Emergency Ultrasound-pt.1: Beyond B-Mode
Chairs: C. P. Nolsøe (Denmark), M. Valentino (Italy)
- 8.30 PoCUS in emergency medicine: the unforgettable
J. Osterwalder (Switzerland)
- 8.50 Multiparametric emergency ultrasound: what is its role?
M. Di Serafino (Italy)
- 9.10 **Q&A**
- 9.20 **Multiparametric Emergency Ultrasound-pt.2: Riding Waves in Emergency Setting**
Chairs: C. F. Dietrich (Switzerland), F. Piscaglia (Italy)
- 9.20 Doppler ultrasound in peripheral vascular emergencies: Follow Me
C. Deane (United Kingdom)
- 9.40 Doppler ultrasound in abdominal emergencies: Believe Me
B. Brkljačić (Croatia)
- 10.00 **Q&A**
- 10.10 **Coffee Break**
- 10.30 **REFRESHER COURSE**
Penile imaging
Chairs: F. M. Drudi (Italy), M. Secil (Turkey)
- 10.30 Erectile dysfunction
P. Martino (Italy)
- 10.50 Penile trauma and priapism
M. Bertolotto (Italy)
- 11.10 Penile lumps
P. Sidhu (United Kingdom)
- 11.30 **Q&A**



11.45 REFRESHER COURSE

Role of US in Dermatology and Aesthetics Surgery

Chairs: A. Roldan (Spain), C. Caiazzo (Italy)

11.45 Laughing in the face of wrinkles:
unveiling hilarious ultrasound discoveries in Dermatology, Cosmetology and Podology
J. Gagarina (Ukraine)

12.00 Microvascular imaging of dermatological inflammatory diseases
O. Catalano (Italy)

12.15 Role of elastography in the assessment of cutaneous melanoma: is there a role?
R. Badea (Romania)

12.30 Q&A

12.50 Lunch Break

14.00 FOCUS ON PREGNANCY

What every US physician should know when examining a pregnancy at risk

Chairs: C. Kollmann (Austria), M. Pérez-Peña (Spain)

14.00 Safety of CEUS in Pregnancy
D.A. Clevert (Germany)

14.20 General Imaging in Pregnancy 3D-4D
A. Antsaklis (Greece)

14.40 Emergencies in Pregnancy
T. Elger (Germany)

15.00 Q&A

15.15 Coffee Break

15.35 REFRESHER COURSE

Transplanted kidney

Chairs: M. Bertolotto (Italy), P. Martino (Italy)

15.35 Color and pulsed Doppler US of the transplanted kidney: current applications
C. Chammas (Brazil)

15.55 Diagnostic value of CEUS in renal allograft pathologies
A. Granata (Italy)

16.15 Evaluation of renal transplant reflux
F.M. Drudi (Italy)

16.35 Elastasonography: the Holy Grail of the transplanted kidney
R. Barr (United States)

16.55 Round Table

The draft does not recover its function: which diagnostics? MPUS? Liquid and solid biopsy?

A. Granata (Italy), P. Martino (Italy), F.M. Drudi (Italy), C. Chammas (Brazil)

17.40 ORAL PAPERS

18.30 End of Sessions



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CONGRESS PROGRAMME
AGAVE ROOM



CONGRESS PROGRAMME AGAVE ROOM

NAPLES ITALY NOVEMBER 9 AGAVE ROOM

SATURDAY, NOVEMBER 9

- 8.30 **LECTURE**
CEUS and multiparametric US in patients with high BMI and fatty liver
S. Wilson (Canada)
- 8.55 **SCIENTIFIC SESSION**
Chairs: M. D'Onofrio (Italy), S. Wilson (Canada)
- 10.20 **Coffee Break**
- 10.40 **EFSUMB PUBLICATION COMMITTEE
CASE SESSION**
Chairs: J. Kuenzel (Germany), Z. Sparchez (Romania)
- 12.10 **Lunch Break**



NAPLES ITALY NOVEMBER 9



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CONGRESS PROGRAMME ELETTRA ROOM



NAPLES ITALY NOVEMBER 11

NAPLES ITALY NOVEMBER 11 ELETTRA ROOM

MONDAY, NOVEMBER 11

8.30 **VASCULAR DISEASE: MULTIPARAMETRIC US ROLE**
Chairs: **A. Casadei (Italy), S. Wilson (Canada)**

8.30 The added value of Super Resolution Micro Vascular Imaging and time of arrival in vascular imaging
D.A. Clevert (Germany)

8.50 Carotid Stenosis: what's new? Is there a place for 3D arterial analysis ultrasound?
A. Santoliquido (Italy)

9.10 Velocity vector imaging in the carotid artery as new tool for stroke prediction
A. Saris (The Netherlands)

9.30 Cracking the code of vulnerable plaque: what do we know so far and what's new?
R. Catalini (Italy)

9.50 The multiparametric US in the evaluation of EVAR: where are we?
R. Basilio (Italy)

10.10 **Q&A**

10.25 **Coffee Break**

10.45 **FOCUS: VESSELS DOPPLER US**
Chairs: **S. Malgorzata (Poland), A. Santoliquido (Italy)**

10.45 Volumetric assessment of intracranial flow in patients with carotid artery stenosis - new indications for interventional procedures
M. Elwertowski (Poland)

11.10 Blood flow in portal hypertension: unusual presentations and pathways
A. Drelich-Zbroja (Poland)

11.30 Clinical challenges, clinical images
A. Drelich-Zbroja (Poland), M. Elwertowski (Poland)

12.00 **Q&A**

12.10 **ORAL PAPERS**

13.10 **Lunch Break**



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