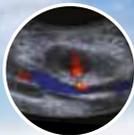


29th EUROSON 2017 CONGRESS OF EFSUMB

22-24 SEPTEMBER 2017 • LJUBLJANA - SLOVENIA



www.euroson2017.org



PROGRAM BOOK





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Welcome to the 29th Euroson Congress

Dear colleagues,

We cordially welcome you to **Euroson 2017** taking place in the midst of Europe in charming Ljubljana. This year, the congress is being organized by the **Turkish Society of Ultrasound (TUD)** together with **EFUMB**.

In accordance with the EFSUMB's motto "Building a European Ultrasound Community", the congress will create a vibrant, interdisciplinary meeting place for students, doctors, engineers, professors, sonographers, industry and all stakeholders of ultrasound.

The Congress will be running in 5 main halls with a compact and intense educational content. It will focus on new developments in science and education and renowned speakers from all across Europe will provide state-of-the-art lectures and live demonstrations. The Ultrasound Learning Center (ULC) is the key location for hands-on training where students and young doctors can experience supervision and guidance from scanning experts in various fields. A dedicated student program will enhance the training outcome for young students, enabling a good start to their future careers. Ultrasound is not only a diagnostic, prognostic, and therapeutic tool, but it is also an excellent pedagogic tool.

Ultrasonography is crucial for correct diagnosis and treatment of many patients, and the doctors base much of their clinical decisions on information provided by scans. Interventions and ultrasound-directed therapies are also increasingly employed to promote personalized therapy. EFSUMB is a major contributor of new clinical guidelines and recommendations, and many of these will be presented at the congress.

We envision that this congress will be important for your personal education and professional development. We look forward to welcoming all ultrasound lovers to the **29th Euroson Congress in Ljubljana**.

Sincerely yours,

Prof. Adnan Kabaalioglu
Congress President
Turkish Ultrasound Society (TUD)

Prof. Odd Helge Gilja
EFSUMB Congress President

COMMITTEES

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Congress President

Prof. Dr. Odd Helge Gilja
EFSUMB Congress President

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Suna Özhan Oktar (*Coordinator-Head and Neck*)
Gülğün Kavukçu (*Coordinator-Abdomen/Interventional*)
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Artür Salmashioğlu (*Coordinator-Genito-urinary Tract*)
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Ruhi Onur (*Coordinator-Emergency*)

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ABOUT SLOVENIA



Slovenia lies in the heart of Europe, where the Alps meet the Mediterranean and the Pannonian Plain meets the Karst. This small green country measures 20,273 km² in area, and is home to sincere, **hospitable** people of great diligence. It has an exceptional number of top athletes, and a wealth of cultural creativity. In Slovenia it is not difficult to compare the value of goods and services, as they are priced in one of the world's major currencies, the **Euro**.

Independent since 1991, Slovenia does not have a majestic history like many larger European nations, but the past is nevertheless important. For many it is surprising that such a small nation, without kings or famous military leaders of its own, could even form, survive and carve out an independent path. But this is the result of the resilience and determination of the Slovene people, whose culture and common language have survived for centuries in this green piece of Europe.

In Slovenia, you come across different historical eras at every turn. Truly old items are preserved primarily in museums, but archaeological finds can also be seen in their natural setting. Slovenia's natural diversity further emphasises the attraction of important buildings. Slovenian castles are amazing, and the many rural hilltop churches are charming. Cultural-historical monuments and architectural masterpieces can be found in most Slovenian towns. Well-preserved medieval town centres and more modern public buildings in various famous architectural **styles** will delight you.

The special features of rural architecture vary from region to region, and are gathered together in **open-air museums**. **Castles, manor houses and palaces** are certainly an important part of the heritage. Most of them can be explored from the inside. Slovenian towns are decorated with luxurious buildings, usually converted into public buildings. Palaces are mostly in coastal towns, especially Koper. The Praetorian Palace, with its late-gothic-renaissance façade is among the finest Slovenian palaces and houses a museum.

ABOUT SLOVENIA

LJUBLJANA, the capital, is a vital city which is developing with a clear vision, putting the quality of life at the forefront. With **280.000 residents** it combines in fact many facilities and services of a metropolis with the **relaxed ambience** and **safety** of smaller towns.



The city's architecture, a harmonic blend of **medieval Old Town, Baroque, Art Nouveau** and newer styles as well as the lively events agenda and café society have made Ljubljana a destination under growing demand. Its feeling of youthful energy can be attributed to **60,000 university students** and is reflected in the dynamic alternative arts production that complements a myriad of events in the framework of institutional culture running throughout the year.



In June 2014, **Ljubljana received** among five finalists the prestigious title of **European Green Capital 2016**, awarded by the European Commission. Its **sustainable development** is defined in a strategic document spanning the period until 2025, focusing on the protection of the environment, sustainable mobility, sustainable energy provision and electro-mobility. The European Green Capital title is putting Ljubljana on the map as one of the European cities that are aware of the significance of environmental and social sustainability and are taking concrete measures to address issues in this field.

Both Slovenia and Ljubljana are regarded as **very safe** destinations. The general level of security is high, as stated in surveys conducted by official institutions / government agencies in the international sphere.

FINAL PROGRAM

ABDOMEN – MARMORNA 1

New guidelines on Gastro Intestinal Ultrasound (GIUS)

Chair(s): *Odd Helge Gilja, Norway and Giovanni Maconi, Italy*

- 08:30 - 08:50 The world's first guidelines on intestinal ultrasound
Odd Helge Gilja, Norway
- 08:50 - 09:10 How to use ultrasound for diagnosis and follow-up of IBD patients?
Christian Maaser, Germany
- 09:10 - 09:30 What is the prognostic value of ultrasound in IBD?
Giovanni Maconi, Italy
- 09:30 - 09:50 The value of applying CEUS and elastography in Crohn's disease?
Kim Nylund, Norway
- 09:50 - 10:00 Selected Oral Presentation
1128 - What happened with liver stiffness values assessed by means of Transient Elastography in patients with HCV liver cirrhosis after DAA treatment
Ioan Sporea, Raluca Lupusoru, Alina Popescu, Ruxandra Mare, Speranta Iacob, Liana Gheorghe, Roxana Sirli

OBSTETRICS COURSE – URSKA 1

Obstetrics 1

Chair(s): *Sevgi Tercanlı, Switzerland and Adnan Kabaalioglu, Turkey*

- 08:30 - 08:50 Early gestation: Normal findings, diagnosis of pregnancy failure and ectopic pregnancy
Aytül Çorbacıoğlu, Turkey
- 08:50 - 09:10 First trimester (11-14 weeks) ultrasound screening
İbrahim Kalelioğlu, Turkey
- 09:10 - 09:30 Second trimester (18-22 weeks) ultrasound screening
Natasa Tul Mandic, Slovenia
- 09:30 - 09:50 Cell-free DNA Testing for Fetal Chromosomal Anomalies
Sevgi Tercanlı, Switzerland

THYROID/NECK COURSE – URSKA 3

Thyroid - Neck 1

Chair(s): *Vito Cantisani Italy and S. Süreyya Özbek, Turkey*

- 08:30 - 08:45 Introduction, definition of learning objectives. Pre-Test
- 08:45 - 09:10 Essential principles and technique of thyroid and neck US and Doppler
Mustafa Secil, Turkey
- 09:10 - 09:30 Sonoelastography of the thyroid, principles and technique
Vito Cantisani, Italy
- 09:30 - 10:00 Pattern recognition approach to thyroid nodules
S. Süreyya Özbek, Turkey



FINAL PROGRAM

EMERGENCY/THORAX/ANESTHESIA – POVODNI 1

Emergency Ultrasound 1

Chair(s): *Radu Badea, Romania and Erhan Akpınar, Turkey*

- 08:30 - 09:00 Emergency US; Equipment and Reporting
Ruhi Onur, Turkey
- 09:00 - 09:20 Role of CEUS in emergency and Critical Care
Radu Badea, Romania
- 09:20 - 09:50 FAST and extended-FAST in the emergency
Erhan Akpınar, Turkey
- 09:50 - 10:00 Selected Oral Presentation
1166 - Results of the European Survey regarding the Point of Care Ultrasonography applications in the GPs practice, and an experimental Emergency Ultrasound Screening related to their applicability in primary care
Mihai Iacob

MUSCULO-SKELETAL – POVODNI 4

Shoulder US

Chair(s): *Daniela Fodor, Romania and Diana Gaitini, Israel*

- 08:30 - 08:55 Technique of examination and normal anatomy
Diana Gaitini, Israel
- 08:55 - 09:20 Rotator cuff and beyond
Diana Gaitini, Israel
- 09:20 - 09:50 The shoulder
Rodina Nestorova, Bulgaria
- 09:50 - 10:00 Selected Oral Presentation
1016 - Comparison of superb microvascular imaging (SMI) and strain elastography for diagnosis of lateral epicondylitis
Serdar Arslan, Ali Yavuz Karahan, Fatih Oncu, Suleyman Bakdik, Mehmet Sedat Durmaz, Ismet Tolu
- 10:00 - 10:45 **Short Oral Presentations – Ultrasound Learning Center**
Chair(s): *Kağan Çeken, Turkey and Zoltan Harkanyi, Hungary*
- 10:00 - 10:07 1010 - Ultrasound elastography for the distinction between parathyroid adenomas and thyroid nodules
Abdussamet Batur, Murat Atmaca, Alpaslan Yavuz, Mesut Ozgokce, Aydin Bora, Mehmet Deniz Bulut, Harun Arslan, Osman Toktas, Muhammed Alpaslan
- 10:07 - 10:14 1065 - Doppler ultrasonography of transjugular intrahepatic portosystemic shunt (tips) a retrospective study in assessing the accuracy of ultrasound in detecting covered stent malfunction
Angela Anthony, Azizah Binte Mohamed Afif, Pwint Mar Khin, Lim Sze Ying



FINAL PROGRAM

- 10:14 - 10:21 1050 - diagnostic value of acoustic radiation force impulse (ARFI) elastography for differentiation of hemangiomas from malignant liver lesions during conventional abdominal ultrasound
 Giovanni Galati, Antonio De Vincentis, Paolo Gallo, Umberto Vespasiani-gentilucci, Marianna Silletta, Alessandro Guidi, Antonio Picardi
- 10:21 - 10:28 1129 - Diagnostic value of the elastography in differentiating benign from malignant breast lesions; quantitative or semi quantitative methods
Direnç Özlem Aksoy, Şeyma Yildiz, Bahar Atasoy, Alpay Alkan
- 10:28 - 10:35 1053 - Transthoracic ultrasound a complementary tool for early detection of pulmonary fibrosis in systemic sclerosis patients
Elisabettamaria Frongillo, Angelo De Cata, Gaetano Rea, Maria Giulia Tinti, Vincenzo Carnevale, Antonio Varriale, Anna Simeone, Marco Sperandeo
- 10:35 - 10:42 1159 - The value of 2d swe.ge for the evaluation of liver fibrosis in patients with HCV compensated chronic hepatopathies
Felix Bende, Ioan Sporea, Alina Popescu, Roxana Sirli, Mirela Danila, Ruxandra Mare, Ana-maria Stepan

10:00 - 10:30 Coffee Break

ABDOMEN – MARMORNA 1

Differential Diagnosis of Focal Liver Lesions

Chair(s): Vito Cantisani, Italy and Ksenija Vukovic, Slovenia

- 10:30 - 10:50 Focus on Benign Lesions
Tim Yusuf, UK
- 10:50 - 11:10 Focus on Malignant Lesions
Vito Cantisani, Italy
- 11:10 - 11:30 Focus on Infectious Lesions
Adnan Kabaalioglu, Turkey
- 11:30 - 11:50 New Data on impact of Elastography
Christoph F. Dietrich, Germany
- 11:50 - 12:00 Selected Oral Presentation
 1072 - Contrast Enhanced Ultrasound, the first step in the evaluation of focal liver lesions
Moga Tudor, Cristian Ivascu, Alina Popescu, Camelia Foncea, Diana Gherhardt, Roxana Sirli, Mirela Danila, Ioan Sporea



FINAL PROGRAM

OBSTETRICS COURSE – URSKA 1

Obstetrics 2

Chair(s): *S. Süreyya Özbek, Turkey and Esra Özkavukçu, Turkey*

10:30 - 11:00 Sonographic and Doppler assessment of IUGR and preeclampsia

İbrahim Kalelioğlu, Turkey

11:00 - 11:30 Sonography of multiple gestations

Natasa Tul Mandic, Slovenia

11:30 - 12:00 Sonographic assessment of placenta, cord and cervix

Özgür Öztekin, Turkey

THYROID/NECK COURSE – URSKA 3

Thyroid - Neck 2

Chair(s): *Mustafa Seçil, Turkey and Gülgün Kavukçu, Turkey*

10:30 - 11:00 TI-RADS classification

Artür Salmashioğlu, Turkey

11:00 - 11:30 Pattern recognition approach to diffuse thyroid diseases

Mustafa Seçil, Turkey

11:30 - 12:00 Cervical lymph nodes

Gülgün Kavukçu, Turkey

EMERGENCY/THORAX/ANESTHESIA – H4

Emergency Ultrasound 2

Chair(s): *Ruhi Onur, Turkey and Annamaria Deganello, UK*

10:30 - 11:00 Pitfalls in emergency US

Ruhi Onur, Turkey

11:00 - 11:30 Emergency pediatric US / CEUS in trauma

Annamaria Deganello, UK

11:30 - 11:50 Sonographic signs of life-threatening emergency conditions: Can we change the management?

Ruhi Onur, Turkey

11:50 - 12:00 Selected Oral Presentation

1114 - Subpleural thorax lesions: US-Guided core biopsy experience with 99 patients

İlhan Nahit Mutlu, Mehmet Semih Çakir, Melis Baykara Ulsan, Çağrı Erdim, Özgür Kiliçkesmez



FINAL PROGRAM

MUSCULO-SKELETAL – POVODNI 4

US guided Maneuvers in Musculoskeletal Pathology

Chair(s): Gordana Ivanac, Croatia and Maija Radzina, Latvia

10:30 - 10:40

Principles

Daniela Fodor, Romania

10:40 - 11:00

Hip, ankle and foot

Mihaela Micu, Romania and Oana Serban, Romania

11:00 - 11:20

The knee

Corina Bocsa, Romania

11:20 - 11:40

Hand and elbow

Violeta Vlad, Romania

11:40 - 11:50

Selected Oral Presentation

1151 - Sonographic evaluation of patellar tendon after transpatellar intramedullary nailing

Muzaffer Ayaz, Ercan Ayaz, Samet Erinc, Ibrahim Inan, Adnan Kabaalioglu

12:00 - 13:00

Break

ABDOMEN – MARMORNA 1

Abdominal Elastography Guidelines

Chair(s): Paul Sidhu, UK and Ioan Sporea, Romania

13:00 - 13:15

Can liver elastography replace liver biopsy?

Ioan Sporea, Romania

13:15 - 13:35

Elastography: Experience with strain and shear wave methods in vitro and in liver scanning

Roald Havre, Norway

13:35 - 13:50

Is elastography for focal liver lesions ready for daily practice?

Tim Yusuf, UK

13:50 - 14:00

Selected Oral Presentation

1126 - Learning curve evaluation using ELASTPQ

Ruxandra Mare, Ioan Sporea, Alina Popescu, Roxana Sirli, Corina Pienar

OBSTETRICS COURSE – URSKA 1

Obstetrics 3

Chair(s): Natasa Tul Mandic, Slovenia and Özgür Öztekin, Turkey

13:00 - 13:30

Basic and expanded screening of fetal heart

Esra Özkavukçu, Turkey

13:30 - 14:00

Diagnosis of major cardiac anomalies

Özlem Pata, Turkey



FINAL PROGRAM

THYROID/NECK COURSE – URSKA 3

Thyroid – Neck 3

Chair(s): *Suna Özhan Oktar, Turkey and Alper Özel, Turkey*

- 13:00 - 13:20 Parathyroid glands
Alper Özel, Turkey
- 13:20 - 13:40 Salivary glands and other neck lesions
Suna Özhan Oktar, Turkey
- 13:40 - 14:00 Post thyroidectomy imaging in thyroid cancer
Gülğün Kavukçu, Turkey

EMERGENCY/THORAX/ANESTHESIA – POVODNI 1

Thorax Ultrasound

Chair(s): *Christoph F. Dietrich, Germany and Gebhard Mathis, Austria*

- 13:00 - 13:15 Lung artifacts and their use
Christoph F. Dietrich, Germany
- 13:15 - 13:35 Lung consolidation: Pneumonia and pulmonary emboli
Gebhard Mathis, Austria
- 13:35 - 13:50 US-guided interventions on lung
Zeno Sparchez, Romania
- 13:50 - 14:10 Selected Oral Presentations
- 13:50 - 14:00 1158 - Lung ultrasound as tool of diagnostic algorithm in respiratory diseases
Luca Rinaldi, Stefania Milione, Maria Chiara Fascione, Francesco Cacciatore, Giovanni Porta, Valerio Rosato, Luigi Sena, Imma Altruda, Mario Venafro, Laila Attanasio, Mauro Giordano, Luigi Elio Adinolfi
- 14:00 - 14:10 1087 - Sonoelastographic findings of normal appearing brachial plexus
Ahmet Aktan, Ahmet Aslan, Yildiz Gülseren, Mine Aslan

MUSCULO-SKELETAL – H5

The role of musculoskeletal US in elucidation of the pain in the lower limb

Chair(s): *Violeta Vlad, Romania and Daniela Fodor, Romania*

- 13:00 - 13:15 The lower limb pain due to the inflammatory and degenerative joint pathology
Violeta Vlad, Romania
- 13:15 - 13:30 Reasons for pain in lower limb due to peripheral nerves
Corina Bocsa, Romania
- 13:30 - 13:50 The trauma and pain in lower limb
Daniela Fodor, Romania
- 13:50 - 14:00 Selected Oral Presentation
- 1083 - The efficiency of acoustic radiation force impulse (ARFI) elastography in the diagnosis and staging of carpal tunnel syndrome
Harun Arslan, Alpaslan Yavuz, Ferda Ilgen Uslu, Abdurrahman Aycan, Hüseyin Akdeniz, Mesut Özgökçe, Abdussamet Batur

14:00 - 14:30

Coffee Break



FINAL PROGRAM

ABDOMEN – MARMORNA 1

Ultrasound in GIT

Chair(s): *Christoph F. Dietrich, Germany and Giovanni Maconi, Italy*

14:30 - 14:50 Role of US in appendicitis

Klaus Dirks, Germany

14:50 - 15:05 Role of US in diverticulitis

Klaus Dirks, Germany

15:05 - 15:20 Role of US in Ileus

Giovanni Maconi, Italy

15:20 - 15:30 Selected Oral Presentation

1029 - Improving the diagnosis of non-epithelial neoplasms of the gastrointestinal tract with the help of ultrasound-guided puncture biopsy
Pavel Bespalov, Larisa Mitina, Stanislav Stepanov

OBSTETRICS COURSE – URSKA 1

Obstetrics 4

Chair(s): *Naile Bolca, Turkey and İbrahim Kalelioğlu, Turkey*

14:30 - 15:00 Fetal MRI: When should we do it?

Özgür Öztekin, Turkey

15:00 - 15:30 Ultrasound findings of intrauterine infections

Özlem Pata, Turkey

THYROID/NECK COURSE – URSKA 3

Thyroid - Neck 4

Chair(s): *Cem Yücel, Turkey and Suna Özhan Oktar, Turkey*

14:30 - 15:00 Ultrasound-guided fine needle aspiration biopsy techniques, case illustrations

Suna Özhan Oktar, Turkey

15:00 - 15:30 Radiofrequency ablation of thyroid nodules- indications, case illustrations

Cem Yücel, Turkey

EMERGENCY/THORAX/ANESTHESIA – POVODNI 1

Anesthesiology

Chair(s): *Ivan Kostadinov, Slovenia*

14:30 - 14:55 Ultrasound-guided neuraxial and perineuraxial blocks

Marija Damjanovska, Slovenia

14:55 - 15:20 Ultrasound-guided peripheral nerve blocks: gold standard in practicing regional anesthesia

Ivan Kostadinov, Slovenia

15:20 - 15:30 Selected Oral Presentation

1157 - Endoscopic ultrasound-guided celiac plexus neurolysis (CPN) in pancreatic cancer: A single center experience
Richard Azevedo, Helena Ribeiro, João Pinto, Flávio Pereira, Cátia Leitão, Ana Caldeira, Eduardo Pereira, António Banhudo

FINAL PROGRAM

MUSCULO-SKELETAL – POVODNI 4

MSK Elastography

Chair(s): *Gordana Ivanac, Croatia and Corina Bocsa, Romania*

14:30 - 15:00 Musculoskeletal elastography update

Gordana Ivanac, Croatia

15:00 - 15:20 Elastography in Superficial Soft Tissue Tumors

Milka Kljaić Dujić, Slovenia

15:20 - 15:30 Selected Oral Presentation

1001 - Predicting value of real-time shear wave elastography for undiagnosed small cervical lymph nodes metastasis in nasopharyngeal carcinoma

Jian Li, Binbin Chen, Fei Han, Feifei Zuo, Jianhua Zhou

15:30 - 15:45 Short Break

ABDOMEN – MARMORNA 1

Abdomen Interactive Case Discussion

Chair(s): *Carmen Garre, Spain and Cem Yücel, Turkey*

15:45 - 16:05 The role of US in diagnosis of HCC

Carmen Garre, Spain

16:05 - 16:25 Liver elastography

Suna Özhan Oktar, Turkey

16:25 - 16:45 Liver biopsy

Cem Yücel, Turkey

OBSTETRICS COURSE – URSKA 1

Obstetrics 5 - Live Demos

Chair(s): *Adnan Kabaalioğlu, Turkey and Özlem Pata, Turkey*

15:45 - 16:15 Live Demo 1 - First trimester screening

Natasa Tul Mandić, Slovenia

16:15 - 16:45 Live Demo 2 - Second trimester screening

Esra Özkavukçu, Turkey

THYROID/NECK COURSE – URSKA 3

Thyroid - Neck 5

Chair(s): *S. Süreyya Özbek, Turkey and Mustafa Seçil, Turkey*

15:45 - 16:35 Interactive case discussion (with video demo)

S. Süreyya Özbek, Turkey and Mustafa Seçil, Turkey

16:35 - 16:45 Post-Test and Feedback



FINAL PROGRAM

EMERGENCY/THORAX/ANESTHESIA – POVODNI 1

Chair(s): Matthias Wuestner, Germany and Gebhard Mathis, Austria

Interactive Case Discussion

- 15:45 - 16:10 Beyond FAST: Saving CT radiation in trauma patients
Matthias Wuestner, Germany
- 16:10 - 16:35 Lung ultrasound – Interactive case reports
Gebhard Mathis, Austria
- 16:35 - 16:45 Selected Oral Presentation
1160 - How to improve the reliability of liver fibrosis evaluation using 2D-SWE.
GE
Felix Bende, Ioan Sporea, Roxana Sirli, Mirela Danila, Alina Popescu

MUSCULO-SKELETAL – POVODNI 4

MSK Interactive Case Discussion

Chair(s): Maija Radzina, Latvia and Daniela Fodor, Romania

- 15:45 - 16:15 Sonography of peripheral nerve compression
Maija Radzina, Latvia
- 16:15 - 16:45 US in gout: state of art
Daniela Fodor, Romania

17:00 - OPENING CEREMONY



FINAL PROGRAM

ABDOMEN / INTERVENTIONAL – MARMORNA 1

Hydatid Cysts-PAIR

Chair(s): *Adnan Kabaalioglu, Turkey and Branimir Golemanov, Bulgaria*

08:30 - 08:50 History-Classification

Hassen Gharbi, Tunisia

08:50 - 09:20 PAIR and the other percutaneous techniques

Okan Akhan, Turkey

09:20 - 09:50 Current Management Algorithms

Enrico Brunetti, Italy

09:50 - 10:00 Selected Oral Presentation

1075 - Contrast-enhanced ultrasound in the diagnostic of liver abscesses. A prospective multicenter experience

Alina Popescu, Tudor Moga, Ioan Sporea, Larisa Sandulescu, Roxana Sirli, Mirela Danila, Cristian Ivascu, Adrian Saftoiu, Zeno Spârchez, Cristina Cijevschi, Simona Ioanitescu, Dana Nedelcu, Iulia Siminov, Cirpian Brisc, Radu Badea

OBSTETRICS COURSE – URSKA 1

Obstetrics 6

Chair(s): *S. Süreyya Özbek, Turkey and Tamara Štampalija, Italy*

08:30 - 09:00 Fetal abdominal wall defects and GIS anomalies

Esra Özkavukçu, Turkey

09:00 - 09:30 Fetal thorax and lung anomalies

Naile Bolca Topal, Turkey

09:30 - 10:00 Anomalies of fetal urogenital system

Esra Özkavukçu, Turkey

PEDIATRICS – POVODNI 1

Pediatrics 1 - Screening / CEUS

Chair(s): *Gyorgy Harmat, Hungary and Zoltan Harkanyi, Hungary*

08:30 - 08:50 A practical approach of pediatric CEUS studies

Zoltan Harkanyi, Hungary

08:50 - 09:15 US screening in neonatal period: Rational evaluation and follow-up

Gyorgy Harmat, Hungary

09:15 - 09:50 Benign liver masses

Zoltan Harkanyi, Hungary

09:50 - 10:00 Selected Oral Presentation

1077 - Screening in type II diabetes mellitus patients using transient elastography with controlled attenuation parameter (CAP)

Ioan Sporea, Ruxandra Mare, Roxana Sirli, Alina Popescu, Corina Pienar, Silviu Nistorescu, Alexandra Sima, Romulus Timar



FINAL PROGRAM

BREAST – POVODNI 3

Breast 1

Chair(s): Boris Brkljačić, Croatia and Emel Durmaz, Turkey

08:30 - 09:00 Breast US update

Boris Brkljačić, Croatia

09:00 - 09:30 BIRADS 3 lesions

Emel Durmaz, Turkey

09:30 - 09:50 Imaging features of different breast cancers

Boris Brkljačić, Croatia

09:50 - 10:00 Selected Oral Presentation

1110 - Breast ultrasound during lactation: not to overdiagnose, not to overlook
Nuray Haliloglu, Evren Ustuner, Esra Ozkavukcu

GENITO-URINARY – POVODNI 4

Prostate-Adrenal-Ovary

Chair(s): Paul Sidhu, UK and Rogier Wildeboer, Netherlands

08:30 - 09:00 Multiparametric US imaging of prostate cancer

Rogier Wildeboer, Netherlands

09:00 - 09:20 Adrenal glands - how confident can we be?

Ksenija Vuković, Slovenia

09:20 - 09:40 Ovarian torsion in girls: diagnosis and outcomes

Andrius Cekuolis, Lithuania

09:40 - 10:00 Selected Oral Presentations

09:40 - 09:50 1038 - Evaluation of ovarian vascularity by using “superb micro-vascular imaging” ultrasonography technique in children and comparison with the conventional doppler ultrasonography techniques

Ercan Ayaz, Ahmet Aslan, Ibrahim Inan, Ali Yikilmaz

09:50 - 10:00 1163 - The efficiency of shear wave elastography evaluation in determining the malignancy potential of solid thyroid nodules

Alpaslan Yavuz, Ibrahim Akbudak, Rifki Ucler, Mesut Ozigokce, Harun Arslan, Abdussamet Batur

Short Oral Presentations – Ultrasound Learning Center

Chair(s): Ruhi Onur, Turkey and Pavlos Zoumpoulis, Greece

10:00 - 10:07 1070 - Numbers may say the truth if you know to play with them

Ilker Özgür Koska

10:07 - 10:14 1054 - Use of combined BI RADS classification and NAKAGAMI statistics of ultrasound echoes in the diagnosis of breast lesions

Katarzyna Dobruch-sobczak, Hanna Piotrkowska-wroblewska, Michal Byra, Andrzej Nowicki, Wieslaw Jakubowski



FINAL PROGRAM

- 10:14 - 10:21 1056 - Shear wave elastography in testicular tissue
Malene Roland Pedersen, Henrik Møller, Palle Jørn Sloth Osther, Peter Vedsted, René Holst, Søren Rafael Rafaelsen
- 10:21 - 10:28 1168 - Usability of transthoracic shear wave elastography in differentiation of subpleural benign and malign solid masses
Mesut Özgökç, Alpaslan Yavuz, İbrahim Üney, İbrahim Akbudak, Harun Arslan, Abdussamet Batur, Yener Aydın, Hanifi Yıldız
- 10:28 - 10:35 1167 - Ultrasonographical diagnosis of subclinical atherosclerosis and assessment of vulnerability at the atheromatous plaques with the strain elastography in primary care
Mihai Iacob
- 10:35 - 10:42 1024 - Shear wave elastography can it be a new radiologic approach for the diagnosis of erectile dysfunction
Rustu Turkyay, Ercan Inci, Gurkan Mustafa Yenice, Volkan Tugcu

10:00 - 10:30 Coffee Break

ABDOMEN / INTERVENTIONAL - MARMORNA 1

Interventional

Chair(s): *Okan Akhan, Turkey and Dieter Nuernberg, Germany*

- 10:30 - 11:00 US-guided tumor ablations: general view
Okan Akhan, Turkey
- 11:00 - 11:30 Nonparasitic cyst treatment of liver, spleen and kidney: What is new?
Zeno Sparchez, Romania
- 11:30 - 11:50 Biliary interventions and complications
Dieter Nuernberg, Germany
- 11:50 - 12:00 Selected Oral Presentation
 1018 - Ablation treatment of primary and secondary liver tumors under contrast-enhanced ultrasound (CEUS) guidance. A multicenter study
Giampiero Francica, Maria Franca Meloni, Laura Riccardi, Ilario De Sio, Fulvia Terracciano, Eugenio Caturelli

OBSTETRICS COURSE - URSKA 1

Obstetrics 7

Chair(s): *Esra Özkavukçu, Turkey and Natasa Tul Mandic, Slovenia*

- 10:30 - 11:00 Fetal central nervous system anomalies
Naile Bolca Topal, Turkey
- 11:00 - 11:30 Fetal face and neck anomalies
Aytül Çorbacıoğlu, Turkey
- 11:30 - 12:00 Fetal skeletal dysplasias
Naile Bolca Topal, Turkey

FINAL PROGRAM

PEDIATRICS – POVODNI 1

Pediatrics 2- Pediatric Urology

Chair(s): *Andreas Serra, Switzerland and S. Süreyya Özbek, Turkey*

- 10:30 - 11:00 Congenital Hydronephrosis
S. Süreyya Özbek, Turkey
- 11:00 - 11:20 Diagnosing reflux with CEUS
Damjana Ključevšek, Slovenia
- 11:20 - 11:50 Pediatric cystic diseases
Andreas Serra, Switzerland
- 11:50 - 12:00 Selected Oral Presentation
 1097 - Two-dimensional shear wave elastography in children: What is the number of liver stiffness measurements needed for a high quality evaluation?
Corina Pienar, Ioan Sporea, Diana Gherhardt, Alina Popescu, Oana Belei, Ioana Ciuca, Corina Paul, Puiu-iulian Velea

BREAST – POVODNI 3

Breast 2

Chair(s): *Jan Tuma, Switzerland and Gordana Ivanac, Croatia*

- 10:30 - 10:50 Pediatric breast lesions
Emel Durmaz, Turkey
- 10:50 - 11:10 US of Implants
Gordana Ivanac, Croatia
- 11:10 - 11:30 Complex Cystic lesions
Emel Durmaz, Turkey
- 11:30 - 11:50 CEUS in breast disease
Jan Tuma, Switzerland
- 11:50 - 12:00 Selected Oral Presentation
 1115 - A valuable diagnostic tool in idiopathic granulomatous mastitis:
 Ultrasound
Funda Dinç Elibol, Yelda Dere, Cenk Elibol, Ibrahim Onder Yeniçeri, Rabia Mihriban Kilingç, Ahmet Korkut Belli, Özcan Dere, Okay Nazli



FINAL PROGRAM

YOUNG INVESTIGATORS SESSION – POVODNI 4

Chair(s): *Vito Cantisani, Italy and Michael Bachmann Nielsen, Denmark*

Judges: *Ksenija Vukovic, Carmel Moran, Maija Radzina, Jordan Genov, Andreas Serra, Aris Antsaklis*

10:30 - 10:40 Permelastography: Quantitative poroelastic property imaging by combining shear wave and strain Elastography **M Theodorou**, J Fromageau, NM deSouza, JC Bamber

10:40 - 10:50 Subclinical psoriatic arthritis detection in patients with psoriatic onychopathy
V. Linovs, M. Radzina, T. Sidorcika, A. Rubins, S. Rubins

10:50 - 11:00 Diagnostic accuracy of contrast-enhanced ultrasound algorithm (ACR CEUS LI-RADSv 2016) for the diagnosis of hepatocellular carcinoma in patients with chronic liver disease
Ana-Maria Stepan, Mirela Danila, Roxana Sirlu, Alina Popescu, Tudor Moga, Cristian Ivascu, Corina Pienar, Ioan Sporea

11:00 - 11:10 Assessing Baveno VI criteria with a new point-shear wave elastography technique: The BAVElastPQ study
Garcovich Matteo, Gibiino Giulia, Annicchiarico Brigida Eleonora, Ainora Maria Elena, Riccardi Laura, Pompili Maurizio, Siciliano Massimo, Gasbarrini Antonio, Zocco Maria Assunta

11:10 - 11:20 Virtual touch imaging quantification shear wave elastography of perirenal fat can sticky fat be predictable
İkay Çamlıdağ, Süleyman Öner, Ender Özden

11:20 - 11:30 Prostate cancer localization with contrast-enhanced ultrasound - from technical innovation to clinical implementation
Ruud JG van Sloun, Hessel Wijkstra and Massimo Mischi

11:30 - 11:40 Introduction of point-of-care ultrasound for medical students, emergency medicine and intensive care physicians in Romania
Charlotte Louise Bysheim Skorpen

11:40 - 11:50 Sonoelastography of the Supraspinatus Tendon
Brage K, Hjarbaek J, Kjaer P, Juul-Kristensen B

12:00 - 13:00 LUNCH / INDUSTRY SYMPOSIUMS

FINAL PROGRAM

ABDOMEN / INTERVENTIONAL – MARMORNA 1

A new look at pancreas US

Chair(s): Georg Dimcevski, Norway and Alina Popescu, Romania

13:00 - 13:20 The value of ultrasound in acute pancreatitis

Alina Popescu, Romania

13:20 - 13:35 New data on ultrasound in chronic pancreatitis

Georg Dimcevski, Norway

13:35 - 13:50 When is CEUS indicated in scanning of the pancreas?

Dieter Nuernberg, Germany

13:50 - 14:00 Selected Oral Presentation

1132 - Our initial experience with endoscopic ultrasound

Erdem Yilmaz, Ali Riza Soylu, Ahmet Tezel, Nermin Tunçbilek

OBSTETRICS COURSE – URSKA 1

Obstetrics 8

Chair(s): Sevgi Tercanlı, Switzerland and Andreja Trojner Bregar, Slovenia

13:00 - 13:30 Ultrasound findings of chromosomal anomalies

Özlem Pata, Turkey

13:30 - 14:00 Ultrasound findings of common non-chromosomal congenital syndromes and multisystem disorders

Aytül Çorbacıoğlu, Turkey

PEDIATRICS – POVODNI 1

Pediatrics 3- Cranial-Spinal US

Chair(s): György Harmat, Hungary and Yeliz Pekçevik, Turkey

13:00 - 13:20 Neonatal Cranial US (Basic)

Yeliz Pekçevik, Turkey

13:20 - 13:35 Neonatal and infant Cranial US (Advanced)

György Harmat, Hungary

13:35 - 13:50 Neonatal Spinal US

Yeliz Pekçevik, Turkey

13:50 - 14:10 US in early pregnancy

Panos Antsaklis, Greece



FINAL PROGRAM

BREAST – POVODNI 3

Breast 3

Chair(s): Saim Yilmaz, Turkey and Caroline Ewertzen, Denmark

- 13:00 - 13:20 Breast elastography: The impact
Gordana Ivanac, Croatia
- 13:20 - 13:35 Advances in breast elastography
Caroline Ewertzen, Denmark
- 13:35 - 13:50 Ablation of breast tumors under US guidance
Saim Yilmaz, Turkey
- 13:50 - 14:00 Selected Oral Presentation
1094 - Permelastography: Quantitative poroelastic property imaging by combining shear wave and strain elastography
Maria Theodorou

DEGUM LECTURE – POVODNI 4

Chair(s): Odd Helge Gilja, Norway and Christian Jenssen, Germany

DEGUM Lecture

- 13:30 - 14:00 Ultrasound meets endoscopy: Combined imaging procedures for different Clinical situations
Dirk Becker, Germany

Theresa Planiol Lecture

- 14:00 - 14:30 Image fusion of the native and transplanted kidney
Michel Claudon, France

14:00 - 14:30 **Coffee Break**

ABDOMEN / INTERVENTIONAL – MARMORNA 1

Multimodality Imaging of GIT

Chair(s): Kim Nylund, Norway and Klaus Dirks, Germany

- 14:30 - 14:50 Comparison of US and MR imaging in IBD
Rune Wilkens, Denmark
- 14:50 - 15:10 How can endoscopy and US complement each other in the management of IBD patients?
Giovanni Maconi, Italy
- 15:10 - 15:30 US versus CT in diverticulitis
Klaus Dirks, Germany



FINAL PROGRAM

OBSTETRICS COURSE – URSKA 1

Chair(s): İbrahim Kalelioğlu, Turkey and Faris Mujezinović, Slovenia

14:30 - 15:00 Anomalies of urogenital system

Tamara Štampalija, Italy

15:00 - 15:30 Fetal thorax and lung anomalies

Andreja Trojner Bregar, Slovenia

PEDIATRICS – POVODNI 1

Pediatrics 4- GIT / Lung US

Chair(s): Wojciech Kosiak, Poland and Annamaria Deganello, United Kingdom

14:30 - 14:45 Pediatric GIT US

Tomasz Batko, Poland

14:45 - 15:00 Lung US in children

Wojciech Kosiak, Poland

15:00 - 15:15 CEUS for pediatric lungs

Annamaria Deganello, United Kingdom

15:20 - 15:30 Selected Oral Presentation

1154 - Evaluation of hepatic fibrosis in pediatric patients with various hepatobiliary diseases via shear-wave ultrasound elastography
Melih Akyuz, Suna Ozhan Oktar, Buket Dalgic, Guldal Esendagli Yilmaz, Neslihan Gurcan Yilmaz, Cem Yucel

ESR/EFSUMB Joint Meeting – POVODNI 3

Hand held devices: game changer?

Chair(s): Michel Claudon, France and Paul Sidhu, United Kingdom

14:30 - 14:45 Reviewing the market

Michael Bachmann Nielsen, Denmark

14:45 - 15:00 Who can use the equipment and reimbursement?

Roald Flesland Havre, Norway

15:00 - 15:15 Appropriate training

Helmut Prosch, Austria

15:15 - 15:30 US to train students

Vito Cantisani, Italy



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SELECTED ORAL PRESENTATIONS – POVODNI 4

Chair(s): *Saim Yilmaz, Turkey and Branimir Golemanov, Bulgaria*

- 14:30 - 14:40 1043 - Endoscopic biliary drainage vs. US guided percutaneous biliary drainage in the treatment of hilar cholangiocarcinoma
Tudor Mocan, Dan Chicinas, Pompilia Radu, Carmen Cruciat, Marcel Tantau, Zeno Sparchez
- 14:40 - 14:50 1044 - Tumor ablation in the treatment of naive and recurrent type hepatocellular carcinoma
Tudor Mocan, Pompilia Radu, Nadim Al Hajjar, Cornel Iancu, Zeno Sparchez
- 14:50 - 15:00 1060 - Contrast-enhanced ultrasound as an assessment method during microwave ablation for benign thyroid nodules: A prospective study
Wen-ping Wang, Zihan Zhang, Lingxiao Liu, Jiaying Cao, Yi Dong
- 15:00 - 15:10 1081 - Contrast-enhanced ultrasound performance in the evaluation of focal nodular hyperplasia in a multicenter study
Roxana Sirlu, Ioan Sporea, Larisa Sandulescu, Alina Popescu, Mirela Danila, Tudor Moga, Adrian Saftoiu, Zeno Spârchez, Cristina Cijevschi, Simona Ioanitescu, Dana Nedelcu, Iulia Siminov, Ciprian Brisc, Radu Badea
- 15:10 - 15:20 1084 - Contrast enhanced ultrasound in focal liver lesions – a cost efficiency multicenter study
Roxana Sirlu, Ioan Sporea, Larisa Sandulescu, Alina Popescu, Mirela Danila, Tudor Moga, Adrian Saftoiu, Zeno Spârchez, Cristina Cijevschi, Simona Ioanitescu, Dana Nedelcu, Iulia Siminov, Ciprian Brisc, Radu Badea
- 15:20 - 15:30 1036 - Assessment of steal phenomenon in MMD patients with combination of t-ASL and MRA
Xinyi Gao

15:30 - 15:45 Short Break

EUROSON LECTURE – MARMORNA 1

Chair(s): *Odd Helge Gilja, Norway and Christian Nolsoe, Denmark*

- 15:45 - 16:15 Prostate cancer detection and localization by dynamic CEUS
Massimo Mischi, Netherlands
- 16:15 - 16:45 International CEUS guidelines: US imaging in the new millennium
Christian Nolsoe, Denmark

OBSTETRICS COURSE – URSKA 1

Obstetrics 10 - Interactive Case Discussion

Chair(s): *Adnan Kabaalioglu, Turkey and Aytül Çorbacıoğlu, Turkey*

- 15:45 - 16:15 Hydrops fetalis
Natasa Tul Mandic, Slovenia
- 16:15 - 16:45 Fetal skeletal dysplasias
Faris Mujezinović, Slovenia



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PEDIATRICS – POVODNI 1

Pediatrics 5-Pediatric CEUS

Chair(s): *Paul Sidhu, United Kingdom*

15:45 - 16:00 EFSUMB CEUS pediatric statement

Paul Sidhu, United Kingdom

16:00 - 16:15 CEUS for pediatric trauma

Annamaria Deganello, United Kingdom

16:15 - 16:30 CEUS for pediatric liver

Maria Sellars, United Kingdom

16:30 - 16:45 CEUS for pediatric testis

VASCULAR – POVODNI 3

Vascular US

Chair(s): *Boris Brkljačić, Croatia and Irene Mastorakou, Greece*

15:45 - 16:00 Vascular ultrasound in the era of CTA and MRA

Boris Brkljačić, Croatia

16:00 - 16:15 The carotids: assesment of atherosclerosis

Irene Mastorakou, Greece

16:15 - 16:30 Ultrafast doppler in clinical practice

Gordana Ivanac, Croatia

16:30 - 16:45 Assesment of the vertebrobasilar system

Irene Mastorakou, Greece

INTERVENTIONAL – POVODNI 4

Chair(s): *Christian Jenssen, Germany and Jordan Genov, Bulgaria*

15:45 - 16:10 Percutaneous thermal ablation of liver tumors

Jordan Genov, Bulgaria

16:10 - 16:30 The role of CEUS in (E)US-guided interventions”

Christian Jenssen, Germany

16:30 - 16:45 Percutaneous interventional procedures in pancreatic diseases

Jordan Genov, Bulgaria

16:45 - 17:00 Short Break

ABDOMEN / INTERVENTIONAL – MARMORNA 1

Interventional Interactive Case Discussion

Chair(s): *Zeno Sparchez, Romania and Kağan Çeken, Turkey*

17:00 - 17:30 US-Guided Collection and Abscess Drainages

Kağan Çeken, Turkey

17:30 - 18:00 Complications in intervention

Zeno Sparchez, Romania



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OBSTETRICS COURSE – URSKA 1

Obstetrics 11 - Interactive Case Discussion

Chair(s): *Özlem Pata, Turkey and Andreja Trojner Bregar, Slovenia*

- 17:00 - 17:30 Doppler in pregnancy
Tamara Štampalija, Italy
- 17:30 - 18:00 Intrauterine Hypoxia
Alexandros Sotiriadis, Greece

PEDIATRICS – POVODNI 1

Pediatrics Interactive Case Discussion

Chair(s): *Wojciech Kosiak, Poland and Maria Sellars, UK*

- 17:00 - 17:20 Pediatric Hip-Screening US
Maria Sellars, United Kingdom
- 17:20 - 17:40 Hematology-Oncology Cases (Video Demo) #1
Tomasz Batko, Poland
- 17:40 - 18:00 Hematology-Oncology Cases (Video Demo) #2
Wojciech Kosiak, Poland

VASCULAR – POVODNI 3

Vascular Interactive Case Discussion

Chair(s): *Diana Gaitini, Israel and Gordana Ivanac, Croatia*

- 17:00 - 17:20 Renal Doppler: How I do it?
Diana Gaitini, Israel
- 17:20 - 17:40 Carotid doppler: How I do it?
Diana Gaitini, Israel
- 17:40 - 17:50 Selected Oral Presentation
1101 - Evaluate the recanalization in deep venous thrombosis using superb microvascular imaging (SMI) and compare diagnostic value of SMI with color and power doppler ultrasonography
Fatma Zeynep Arslan, Mehmet Sedat Durmaz, Mesut Sivri, Serdar Arslan, Ali Fuat Tekin, Mustafa Dağlı
University Of Health Sciences, Education And Research Hospital, Radiology,



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SELECTED ORAL PERESENTATIONS – POVODNI 4

Chair(s): *Artür Salmashioğlu, Turkey and Radu Badea, Romania*

- 17:00 - 17:10 1085 - Intraobserver reliability of b mode ultrasonography color Doppler ultrasonography and sonoelastography features of thyroid nodules
Emrah Duman, Ahmet Aslan, Aysenur Buz, Seda Sancak, Mine Aslan, Ender Onur, Tuba Fersahoglu, Nalan Okuroglu
- 17:10 - 17:20 1071 - Evaluation of normal thyroid parenchyma and hashimoto's thyroiditis with or without colloid nodules by shearwave ultrasonography using virtual touch tissue imaging quantification (vtiq) and virtual touch tissue quantification (vtq) techniques
Onder Turna, Mehtap Erturk
- 17:20 - 17:30 1073 - Liver focal fatty change evaluated by contrast enhanced ultrasound. a retrospective study in an ultrasound expert center
Tudor Moga, Camelia Foncea, Cristian Ivascu, Alina Popescu, Diana Gherhardt, Corina Pienar, Ruxandra Mare, Felix Bende, Roxana Sirlui, Mirela Danila, Ioan Sporea
- 17:30 - 17:40 1074 - Contrast enhanced ultrasound in focal liver lesions can we rely on it
Richard Azevedo, Cátia Leitão, Helena Ribeiro, João Pinto, Flávio Pereira, Ana Caldeira, Eduardo Pereira, António Banhudo
- 17:40 - 17:50 1076 - Liver stiffness values using elastpq in healthy subjects
Ruxandra Mare, Ioan Sporea, Alina Popescu, Roxana Sirli



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ABDOMEN – MARMORNA 1

Elastography

Chair(s): *Fabio Piscaglia, Italy and Ivica Grgurević, Croatia*

- 08:30 - 09:00 Same stiffness thresholds for liver diffuse disease with the various US elastography machines?
Fabio Piscaglia, Italy
- 08:50 - 09:25 Doppler in portal hypertension in the era of elastography
Ivica Grgurević, Croatia
- 09:25 - 09:50 Significance of elastography in patients with viral hepatitis naive or after antivirals
Sudhir Vinayak, Kenya
- 09:50 - 10:00 Selected Oral Presentation
1012 - The measurement of normal spleen elasticity using 2dshear wave elastography *Eda Albayrak*

INTERVENTIONAL – POVODNI 1

Chair(s): *Christian Nolsoe, Denmark and Bjorn Skjoldbye, Denmark*

- 08:30 - 09:00 US guided abdominal drainages-the basic principles
Bjorn Skjoldbye, Denmark
- 09:00 - 09:25 What's new? What is the impact of CEUS in Interventions?
Christian Nolsoe, Denmark
- 09:25 - 09:50 PET/MRI/US guided biopsy of lymphomas
Caroline Ewertsen, Denmark
- 09:50 - 10:10 Selected Oral Presentations
- 09:50 - 10:00 1017 - Biopsy of abdominal target lesions under contrast enhanced ultrasound guidance. a multicenter study
Giampiero Francica, Ilario De Sio, Maurizio Pompili, Fulvia Terracciano, Eugenio Caturelli, Maria Franca Meloni
- 10:00 - 10:10 1147 - Role of ultrasound guided lymph node biopsy in the diagnosis of suspected lymphadenopathy
Gianpaolo Vidili, Chiara Pes, Valentina Spissu, Immacolata Albioni, Pierluigi Meloni, Upinder Dial, Gianni Pes, Andrea Ercole Satta



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GENITO-URINARY – POVODNI 2

Penile and Testicular US

Chair(s): Michele Bertolotto, Italy and Paul Sidhu, United Kingdom

08:30 - 08:50 Management of palpable testicular masses – the role of multiparametric US

Simon Freeman, United Kingdom

08:50 - 09:10 Testicular torsion in boys

Rasa Augustiniene, Lithuania

09:10 - 09:30 CEUS in testis/scrotum acute and chronic diseases

Michele Bertolotto, Italy

09:30 - 09:50 Penile US

Michele Bertolotto, Italy

09:50 - 10:00 Selected Oral Presentation

1162 - Reliability of testicular stiffness quantification using shear wave elastography in predicting male fertility a preliminary prospective research report

Alpaslan Yavuz, Adem Yokus, Kerem Taken, Harun Arslan, Mesut Ozgokce, Abdussamet Batur

NEUROSONOLOGY – POVODNI 3

ESNCH Session - Update in Neurosonology

Chair(s): Natan Borstein, Israel and Eva Bartels, Germany

08:30 - 08:45 Carotid US and cognition

Janja Pretnar-Oblak, Slovenia

08:45 - 09:00 Cerebrovascular vasoreactivity in assessment of subclinical cerebrovascular disease

Arijana Lovrencic-Huzjan, Croatia

09:00 - 09:15 HITS in daily practice

Branko Malojcic, Croatia

09:15 - 09:30 Use of contrast agents in extra- and transcranial duplex ultrasonography

Eva Bartels, Germany

09:30 - 09:45 Sonographic evaluation of cerebral parenchyma in neuropsychiatric diseases

Milija Mijajlovic, Serbia

STUDENT SESSIONS – POVODNI 4

ABC in Ultrasonography 1

Chair(s): Adrian Saftoiu, Romania

08:30 - 08:45 The Spectrum of US

Adnan Kabaalioglu, Turkey

08:45 - 09:00 The view in the body – Abdominal US exam technique

Alina Popescu, Romania



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- 09:00 - 09:15 Small introduction in US machines' technical details
Sebastian Krog, Germany
- 09:15 - 09:30 Abdominal vessels – ultrasound landmarks
Horst Kinkel, Germany
- 09:30 - 09:45 US exam of the liver – technique and pathology examples
Dieter Nuernberg, Germany
- 09:45 - 10:00 US exam of the gall bladder – technique and pathology examples
Alina Popescu, Romania
- 10:00 - 10:45 **Short Oral Presentations – Ultrasound Learning Center**
Chair(s): Gülgün Demir Polat, Turkey and Branimir Golemanov, Bulgaria
- 10:00 - 10:07 1133 - A comparative study of shear wave and strain elastography in solid liver lesions preliminary results
Sinem Aydin, Seyma Yildiz, Ozlem Korkmaz, Alpay Alkan
- 10:07 - 10:14 1020 - Acute appendicitis or lymphoid hyperplasia how to distinguish more safely
Sonay Aydin, Cihat Tek, Elif Ergun, Omer Kazci, Pinar Kosar
- 10:14 - 10:21 1093 - ULTRASOUND shear wave elastography in prostate cancer
Søren Rafaelsen, Chris Vagn-hansen, Torben Sørensen, Anuj Pareek, Jonathan Carlsen, Inge Mejlholm
- 10:21 - 10:28 1137 - The value of ultrasonography in evaluation of the patient with acute gastrointestinal injury a pilot study
Xiu-ping Fan, Ying Zhang, Qiang Zhu
- 10:28 - 10:35 1090 - Sonoelastographic features of quadriceps tendon in patients with chronic renal failure
Yildiz Gulseren, Ahmet Aslan, Ahmet Aktan, Mine Aslan
- 10:35 - 10:42 1059 - Feasibility of using virtual touch imaging & quantification technology to determine pancreatic ductal adenocarcinomas stiffness in C57BL 6 rats model
Yi Dong, Feng Mao, Jiaying Cao, Yongjian Jiang, Wenping Wang

10:00 – 10:30 Coffee Break

ABDOMEN – MARMORNA 1

How to scan the bowels

Chair(s): Dieter Nuernberg, Germany and Klaus Dirks, Germany

- 10:30 - 10:50 How to scan the intestines
Kim Nylund, Norway
- 10:50 - 11:10 Ultrasound is a useful tool in appendicitis
Klaus Dirks, Germany
- 11:10 - 11:30 The clinical usefulness of ultrasound in IBD
Rune Wilkens, Denmark
- 11:30 - 11:50 Ultrasound for the detection of ileus
Dieter Nuernberg, Germany
- 11:50 - 12:00 Selected Oral Presentation
 1062 - Development of a novel simplified ultrasound score for Crohn's disease activity
Kim Nylund, Fredrik Sævik, Hilde Løland Von Volkmann, Trygve Hausken, Odd Helge Gilja

24th September 2017, Sunday



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INTERVENTIONAL – POVODNI 1

Interventional / Vascular

Chair(s): Saim Yilmaz, Turkey and Diana Gaitini, Israel

- 10:30 - 10:50 Lower extremity varicose veins: Tips and tricks for the US diagnosis
Saim Yilmaz, Turkey
- 10:50 - 11:20 Lower Extremity Doppler: How I do it?
Diana Gaitini, Israel
- 11:20 - 11:50 US-Guided endovenous treatment of venous insufficiency and varicose veins
Saim Yilmaz, Turkey
- 11:50 - 12:00 Selected Oral Presentation
 1008 - The importance of great saphenous vein types and segmental aplasia in venous reflux *Elif Evrim Ekin, Hülya Kurtul Yildiz*

GENITO-URINARY – POVODNI 2

Clinical Applications of Transrectal / Transperineal US

Chair(s): Adrian Saftoiu, Romania and Roald Havre, Norway

- 10:30 - 10:45 Sonoanatomy and indications of transrectal/transperineal US
Dieter Nurnberg, Germany
- 10:45 - 11:00 New techniques for the US evaluation of anorectal diseases
Christoph F. Dietrich, Germany
- 11:00 - 11:15 Clinical impact of TRUS in the staging of colorectal CA
Jo Waage, Denmark
- 11:15 - 11:30 Endoanal US for perianal fistulas and inflammations
 İsmail Mihmanlı, Turkey
- 11:30 - 11:45 Therapeutic interventions guided by transrectal / transperineal US
Dirk Clevert, Germany
- 11:45 - 12:00 New EFSUMB guidelines of TRUS/TPUS
Adrian Saftoiu, Romania

PHYSICS AND SAFETY – POVODNI 3

Technology Physics and Safety

Chair(s): Gail Ter Haar, United Kingdom

- 10:30 - 10:45 New kids on the block: New techniques & technologies, their use & relevant safety considerations
Klaus Jenderka, Germany
- 10:45 - 11:00 How high is too high? How to use on-screen safety messages
Gail Ter Haar, United Kingdom
- 11:00 - 11:15 Can I use hand held devices in obstetrics (or anywhere else) – are they safe?
Kjell Salvesen, Norway
- 11:15 - 11:30 A bio-effect in the wrong place is a hazard – the good, the bad, and the ugly
Nico de Jong, Netherlands
- 11:30 - 11:45 To push or not to push? That is the question – is ARFI safe?
Carla Serra, Italy
- 11:45 - 12:00 Ten essential things everyone should know about ultrasound safety
Christian Kollmann, Austria



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WFUMB LECTURE / HANS HENRIK HOLM LECTURE – POVODNI 4

Chair(s): Odd Helge Gilja, Norway and Sudhir Vinayak, Kenya

WFUMB Lecture

10:30 - 11:15 Ultrasound integration into the Medical School Curriculum
Harvey Nisenbaum, USA

Hans Henrik Holm Lecture

11:15 - 12:00 Simulators and hand-held ultrasound: Is that the way it goes?
M. Bachmann Nielsen, Denmark

12:00 - 13:00 Break

**ABDOMEN – MARMORNA 1
 CEUS**

Chair(s): Jan Tuma, Switzerland and Simon Freeman, United Kingdom

- 13:00 - 13:20 CEUS of the spleen
Simon Freeman, United Kingdom
- 13:20 - 13:45 CEUS in kidney disease
Jan Tuma, Switzerland
- 13:45 - 14:10 Microvascular imaging flow in Focal liver lesions
Ksenija Vuković, Slovenia
- 14:10 - 14:30 Selected Oral Presentation
- 14:10 - 14:20 1039 - Evaluation of renal lesions using contrast enhanced ultrasound (ceus); a 10 year retrospective mono center analysis
Johannes Rübenthaler, Marco Armbruster, Katharina Müller-peltzer, Maximilian Reiser, Dirk-andré Clevert
- 14:20 - 14:30 1080 - Contrast enhanced ultrasound for the characterization of malignant vs. benign focal liver lesions in a prospective multicenter experience scrumb study
Ioan Sporea, Larisa Sandulescu, Roxana Sirlu, Alina Popescu, Mirela Danila, Tudor Moga, Adrian Saftoiu, Zeno Spârchez, Cristina Cijevschi, Simona Ioanitorescu, Dana Nedelcu, Iulia Siminov, Ciprian Brisc, Radu Badea

INTERVENTIONAL – POVODNI 1

Endoscopic US - Laparoscopic US - Intraoperative US

Chair(s): Mustafa Seçil, Turkey and Roald Havre, Norway

- 13:00 - 13:25 Cystic pancreatic lesions: Improved diagnostic accuracy with EUS contrast, microbiopsy and cyst fluid aspiration?
Roald Havre, Norway
- 13:25 - 13:50 The role of EUS in acute pancreatitis
Davorin Čeranić, Slovenia
- 13:50 - 14:20 Intraoperative and Laparoscopic US in Abdomen
Mustafa Seçil, Turkey
- 14:20 - 14:30 Selected Oral Presentation
- 1033 - The role of intraoperative ultrasonography in detection of hepatic vascular variations in living donor liver transplantation
Uğur Kesimal, Kağan Çeken, Adnan Kabaalioğlu, Ayhan Dinçkan, Emel Durmaz, Metin Çubuk, Ali Apaydin, Timur Sindel

24th September 2017, Sunday



FINAL PROGRAM

GENITO-URINARY – POVODNI 2

Genitourinary / Prostate

Chair(s): Adnan Kabaalioglu, Turkey and Pavlos Zoumpoulis, Greece

13:00 - 13:25 Testicular masses; Differential Diagnosis

Adnan Kabaalioglu, Turkey

13:25 - 13:50 US in Infertility

İsmail Mihmanlı, Turkey

13:50 - 14:20 Prostate US

Pavlos Zoumpoulis, Greece

14:20 - 14:30 Selected Oral Presentation

1066 - The influence of vascular factors on kidney shear wave speed measured using the elastpqq technique

Flaviu Bob, Iulia Grosu, Ioan Sporea, Romulus Timar, Daniel Lighezan, Alina Popescu, Roxana Sirli, Roxana Buzas, Ligia Petrica, Adalbert Schiller

OBSTETRICS / GYNECOLOGY – POVODNI 3

Chair(s): Sudhir Vinayak, Kenya and Alexandros Sotiriadis, Greece

13:00 - 13:20 New standards and techniques for fetal dating scans

Sudhir Vinayak, Kenya

13:20 - 13:50 Intrauterine infections

Alexandros Sotiriadis, Greece

13:50 - 14:10 Training midwives to perform basic Obstetric PoCUS in rural areas

Sudhir Vinayak, Kenya

14:10 - 14:30 Selected Oral Presentations

1031 - Measuring the pregnant cervix to improve clinical outcomes

Susan Westerway, Jon Hyett, Lars Henning Pedersen

14:20 - 14:30

1122 - 3D pixelflux measurements of uterine arterial flow volume from 2d color doppler videos in high risk pregnancies

Thomas Scholbach, Helene Caroline Arneberg, Thea Anette Andersen, Liv Lorås, Hans Torp, Torbjørn Moe Eggebø



FINAL PROGRAM

STUDENT SESSIONS – POVODNI 4

ABC in Ultrasonography 2

Chair(s): Adrian Saftoiu, Romania

- 13:00 - 13:15 US exam of the pancreas – technique and pathology examples
Adrian Saftoiu, Romania
- 13:15 - 13:30 US exam of the kidneys – technique and pathology examples
Alexander Sachs, Austria
- 13:30 - 13:45 US exam of the spleen and abdominal lymph nodes – technique and pathology examples
Zeno Sparchez, Romania
- 13:45 - 14:00 US exam of the digestive tube – technique and pathology examples
Odd Helge Gilja, Norway
- 14:00 - 14:15 Where to check for free fluid – FAST US
Matthias Wuestner, Germany
- 14:20 - 14:30 Selected Oral Presentation
1104 - Enhancement pattern of hepatocellular carcinoma on contrast enhanced ultrasound examination in patients with chronic liver disease
Mirela Danila, Ioan Sporea, Roxana Sirli, Alina Popescu, Tudor Moga, Ana-Maria Stepan

14:30 - 15:00 **Coffee Break**

ELASTOGRAPHY – MARMORNA 1

US Elastography

Chair(s): Sorin Dudea, Romania and Roel Verhoeven, Netherlands

- 15:00 - 15:20 Elastography: Experience with strain and shear wave methods in vitro and in liver scanning
Roald F Havre, Norway
- 15:20 - 15:40 Elastography can differentiate benign and malignant lung nodules
Roel Verhoeven, Netherlands
- 15:40 - 16:00 Sonoelastography of thyroid nodule: an update
Sorin Dudea, Romania

INTERVENTIONAL – POVODNI 1

INVUS Guidelines

Chair(s): Christoph F. Dietrich, Germany and Paul Sidhu, United Kingdom

- 15:00 - 15:20 US-guided diagnostic procedures
Paul Sidhu, United Kingdom
- 15:20 - 15:40 US-guided treatments
Christoph F. Dietrich, Germany
- 15:40 - 16:00 Endoscopic US-guided interventions
Christian Jenssen, Germany



FINAL PROGRAM

CEUS – POVODNI 2

Chair(s): Fabio Piscaglia, Italy and Ioan Sporea, Romania

15:00 - 15:20 US and CEUS of focal liver lesions in cirrhosis, screening and characterization. Which use for daily practice?

Fabio Piscaglia, Italy

15:20 - 15:40 Pediatric masses: Impact of CEUS

Dagmar Schreiber-Dietrich, Germany

15:40 - 16:00 CEUS versus doppler in liver masses

Ioan Sporea, Romania

SELECTED ORAL PRESENTATIONS – POVODNI 3

Chair(s): Pavlos Zoumpoulis, Greece and Gülgün Kavukçu, Turkey

15:00 - 15:10 1051wear wave elastography ge in the assessment of patients with chronic kidney disease

Flaviu Bob, Iulia Grosu, Ioan Sporea, Alina Popescu, Roxana Sirli, Ligia Petrica, Adalbert Schiller

15:10 - 15:20 1078 - Experience of using shear wave elastography imaging in superficial venous insufficiency of lower extremity; feasible reproducible and of clinical potential

Mehmet Sedat Durmaz, Ahmet Nihat Baysal, Mesut Sivri, Serdar Arslan, Fatma Zeynep Arslan, Funda Gökğöz Durmaz, Ismet Tolu

15:20 - 15:30 1100 - The evaluation of soft tissue changes with sonoelastography in acromegaly patients

Emrah Solmaz, Emrah Caglar, Dilek Arpacı, Taner Bayraktaroglu, Serkan Guneyli, Ilker Oz

15:30 - 15:40 1103 – 2D shear wave elastography in differentiating parathyroid adenomas from thyroid nodules

Mihaela Vlad, Ioana Golu, Ioana Zosin, Maria Oprea, Daniela Amzar, Melania Balas, Ioan Sporea

15:40 - 15:50 1125 - Preoperative lymph node dignity determination by dynamic perfusion measurements with the pixelflux technique

Thomas Scholbach, Nora Hennebach

15:50 - 16:00 1131 - What to do when transient elastography is not feasible

Raluca Lupusoru, Ioan Sporea, Alina Popescu, Roxana Sirli, Mirela Danila, Claudia Zaharia, Radu Moleriu

STUDENT SESSIONS – POVODNI 4

Chair(s): Matthias Wuestner, Germany and Katerina Chatzimichail, Greece

15:00 - 15:30 Potential of Ultrasound Simulators in Teaching

Matthias Wuestner, Germany

15:30 - 16:00 CEUS evaluation of Focal Liver Lesions

Katerina Chatzimichail, Greece

16:00 - 16:30 CLOSING SESSION



POSTERS

P1 - 1002 - PICTORIAL VIDEO REVIEW OF MEDIAN NERVE ULTRASOUND

Bora Kalaycioglu, Bahattin Ozkul

P2 - 1003 - IDIOPATHIC RADIAL ARTERY ANEURYSM

Bora Kalaycioglu, Zeki Talas²

P3 - 1118 - A RARE CASE OF INGUINAL HERNIA URINARY BLADDER HERNIATION MIMICKING MASS

Salih Hamcan, Ali Kirici, H.tuba Sanal, Bulent Karaman, Mustafa Taşar

P4 - 1145 - COEXISTENCE OF GRANULOMATOUS MASTITIS AND DCIS

Mustafa Tasar, Ali Kirici, Mehmet Serindere, Salih Hamcan, Ugur Bozlar

P5 - 1112 - THE ROLE OF DIFFERENT NONINVASIVE FIBROSIS ASSESSMENT SCORES IN THE EVALUATION OF LIVER FIBROSIS IN NAFLD PATIENTS

Alina Popescu, Ioan Sporea, Diana Gherhardt, Corina Pienar, Adina Braha, Alexandra Sima, Roxana Sirli, Mirela Danila, Cristina Filip, Silviu Nistorescu, Raluca Lupusoru, Alin Lazar, Camelia Foncea, Tudor Moga, Romulus Timar

P6 - 1007 - CORONARY FISTULAS AND SHUNTS IN TERMS OF LOCAL HEMODYNAMICS

Andrey Tsokolov, Stepan Terentyev, Dmytrii Lushchenkov

P7 - 1011 - CASE HISTORY OF OBSTINATE SUBFEBRILITATE RESISTANT TO THE COMBINED ANTIBACTERIAL THERAPY IN PATIENT WITH THE PACEMAKER

Andrey Tsokolov, Dmitrii Lushchenkov

P8 - 1153 - ASSESSING LIVER STIFFNESS USING 2D SHEAR WAVE ELASTOGRAPHY IN A HEALTHY COHORT

Felix Bende, Anesa Mulabecirovic, Ioan Sporea, Alina Popescu, Roxana Sirli, Odd Helge Gilja, Mette Vesterhus, Roald Flesland Havre

P9 - 1008 - THE IMPORTANCE OF GREAT SAPHENOUS VEIN TYPES AND SEGMENTAL APLASIA IN VENOUS REFLUX

Elif Evrim Ekin, Hülya Kurtul Yildiz

P10 - 1067 - REAL TIME BIDIMENSIONAL SHEARWAVE ELASTOGRAPHY (TOSHIBA®) IN THE ASSESSMENT OF CLINICAL SIGNIFICANT PORTAL HYPERTENSION

Marta Abadía, María Luisa Montes, Dolores Ponce, Alberto Borobia, Miriam Romero, Teresa Hernández, Joan Novo, Joaquín Poza, Araceli García, Rubén Fernández, Pilar Castillo, Javier García-samaniego, José Carlos Erdozain, Antonio Oliveira

P11 - 1009 - CONTRIBUTION OF SUPERIOR THYROID ARTERY DOPPLER TO DIFFERENTIAL DIAGNOSIS OF GESTATIONAL AND NON AUTOIMMUNE HYPERTHYROIDISM

Tuğba Duraklioglugil, Arzu Turan



POSTERS

P12 - 1116 - RARE CASES OF EXTREMELY DILATED URINARY BLADDER

Atanas Hilendarov, Antonia Nedeva, Daniela Alexieva

P13 - 1046 - SONOGRAPHIC ASSESSMENT OF DIFFERENT SONOGRAPHIC HIP CLASSES IN NEWBORNS ONE CENTER STUDY

Atoosa Adibi

P14 - 1047 - HOW TO APPROACH TO AN OVARIAN CYST DETECTED BY ULTRASOUND IN AN ULTRASOUND REPORT

Atoosa Adibi

P15 - 1161 - A CONTROVERSIAL CASE OF MASSIVE PORTAL THROMBOSIS

Carlo Acierno, Mafalda Di Caterino, Natalina Iuliano, Annalisa Amelia, Pasquale Perillo, Valentina Sirotti, Riccardo Nevola, Luigi Elio Adinolfi, Luca Rinaldi

P16 - 1096 - TWO DIMENSIONAL SHEAR WAVE ELASTOGRAPHY IN CHILDREN LINEAR VERSUS CONVEX PROBE

Corina Pienar, Ioan Sporea, Diana Gherhardt, Alina Popescu, Oana Belei, Ioana Ciuca, Corina Paul, Puiu-iulian Velea

P17 - 1098 - ULTRASOUND BASED ELASTOGRAPHY AND BIOLOGICAL SCORES FOR ASSESSING NAFLD IN OBESE CHILDREN

Corina Pienar, Ioan Sporea, Diana Gherhardt, Alina Popescu, Oana Belei, Ioana Ciuca, Corina Paul, Puiu-iulian Velea

P18 - 1088 - HEPATOCELLULAR CARCINOMA DIAGNOSTIC PERFORMANCE OF LIVER IMAGING REPORTING AND DATA SYSTEM FOR CONTRAST ENHANCED ULTRASOUND AND OF QUANTITATIVE CONTRAST ENHANCED ULTRASOUND

Cosmin Gabriel Cristea, Larisa Daniela Săndulescu, Adrian Săftoiu, Ioana Andreea Gheonea, Sergiu Marian Cazacu, Tudorel Ciurea

P19 - 1107 - EXPERIENCE OF TARGETED MR TRUS FUSION BIOPSIES IN DETECTION OF PROSTATE CANCER IN PATIENTS WITH NEGATIVE RESULTS OF THE PREVIOUS STANDARD TRUS BIOPSIES

Daria Dolgacheva, Boris Alekseev, Stanislav Stepanov, Nataliya Skreptsova, Andrey Koryakin, Dmitriy Roshin

P20 - 1099 - A RARE CAUSE OF INTUSSUSCEPTION IN ADULT INTESTINAL LIPOMATOSIS

Deniz Guvenir, Mustafa Tasar, Salih Hamcan, Bulent Karaman, Ugur Bozlar

P21 - 1049 - INTRAOBSERVER REPRODUCIBILITY OF TWO DIMENSIONAL SHEAR WAVE ELASTOGRAPHY IN CHILDREN

Diana Gherhardt, Corina Pienar, Puiu-iulian Velea, Oana Belei, Alina Popescu, Ioan Sporea

P22 - 1041 - GALLBLADDER MOTILITY PATTERNS IN INTERCRITIC PERIODS IN YOUNG FEMALES MIGRENEURS

Doina Georgescu, Daniela Reisz, Florina Andrica, Mihaela Munteanu



POSTERS

P23 - 1030 - HEPATIC HEMANGIOMAS IN CHILDREN THE FEASIBILITY OF ULTRASOUND EXAMINATION

Anna Sugak, *Elena Feoktistova*, Michail Tarasov, Roman Moiseenko, Anton Petrushin, Dmitry Shevzov

P24 - 1127 - DIFFERENT STANDARD AND CONTRAST ENHANCED ULTRASOUND FINDINGS IN TWO CASES OF SPLENIC LYMPHOMA ON HEPATITIS C VIRUS INFECTION

Elena Simona Ioanitorescu, Adriana Mercan Stanciu, Catalina Rotaru, Elena Laura Iliescu¹

P25 - 1130 - PARTICULAR ULTRASONOGRAPHIC FEATURES IN BUDD CHIARI SYNDROME ACCORDING TO ETIOLOGY

Elena Simona Ioanitorescu, Elena Laura Iliescu, Mariana Mihaila, Eugenia Mindrut, Ionel Copaci

P26 - 1106 - ULTRASONOGRAPHY EVALUATION OF THE INHERENT RHYTHMIC MOVEMENT OF THE SUPERFICIAL MUSCULAR FASCIA A PILOT STUDY

Giacomo Consorti, *Felice Sperandeo*, Gianluca Sperandeo

P27 - 1124 - MEN 2 SONOGRAPHIC DIAGNOSIS

Funda Dinç Elibol, Cenk Elibol

P28 - 1019 - RADIOFREQUENCY ABLATION (RFA) USING MULTIPLE ELECTRODE SWITCHING SYSTEM FOR UNRESECTABLE MEDIUM LARGE HEPATOCELLULAR CARCINOMA (HCC) NODULES. PRELIMINARY EXPERIENCE

Giampiero Francica, Federica Romano, Umberto Codella, Isabella Iadevito, Ettore Laccetti, Michela Tanga, Mariano Scaglione

P29 - 1042 - COEXISTENCE OF PHEOCHROMOCYTOMA AND MULTIFOCAL THYROID PAPILLARY MICROCARCINOMA

Serap Gülçek, Emre Alp, Hediye Sevinç Bostanoğlu, *Hamza Özer*

P30 - 1111 - POORLY DIFFERENTIATED THYROID CARCINOMA WITH INTERNAL JUGULAR VEN INVASION AND LUNG METASTASES

Serap Gülçek, *Hamza Özer*, Aysun Erdoğan

P31 - 1055 - A RARE CAUSE OF ACUTE PANCREATITIS IN CHILDREN; DUODENAL DUPLICATION CYST

Hatice Ayça Ata Korkmaz, Ulaş Emre Akbulut, Seda Kanbağlı

P32 - 1045 - ULTRASONOGRAPHIC APPROACH AND IMAGING FINDINGS OF SKIN AND PREMAMMARY ZONE OF THE BREAST

Hye-won Kim

P33 - 1105 - DIAGNOSTIC VALUE OF 2D SHEAR WAVE ELASTOGRAPHY IN THYROIDITIS

Ioana Golu, Mihaela Vlad, Daniela Amzar, Melania Balas, Romulus Timar, Ioan Sporea



POSTERS

P34 - 1142 - EFFECTIVE AND SAFE CONTROL OF LIVER METASTASES FROM CRC AND OTHER NEOPLASMS

Irina Boeva, Jordan Genov, Rumiana Mitova, Kaloyan Pavlov, Borislav Vladimirov, Gergana Taneva, Rumiana Hristova, Klimentina Gerdjikova, Nikola Grigorov, Plamen Getsov, Dobromir Sotirov, Ivan Terziev

P35 - 1095 - LIVER SHEAR WAVE VELOCITY MEASUREMENTS IN PATIENTS WITH HEPATITIS B AND C DOES THE LOCATION OF MEASUREMENT AND PATIENT'S RESPIRATION AFFECT PERFORMANCE

Atilla Suleyman Dikici, Deniz Alis, Serkan Akbas, Sedat Giray Kandemirli, Fatih Gulsen, Ilker Inanc Balkan, Nuray Kepil, Ismail Mihmanli

P36 - 1063 - SONOGRAPHIC APPEARANCE OF INTRATHYROID ECTOPIC THYMUS

Ilhan Hekimsoy, Sadik Tamsel, Gülgün Kavukçu, Süha Süreyya Özbek

P37 - 1064 - AN ATYPICAL LARGE CISTERNA CHYLI CASE THAT MIMICS RETROPERITONEAL MASS

Ilhan Hekimsoy, Sadik Tamsel, Gülgün Kavukçu, Mustafa Harman, Nevra Elmas, Süha Süreyya Özbek

P38 - 1069 - NOT SURE OF PARENCHYMAL HETEROGENEITY GIVE A CHANCE TO COLOR CODED IMAGES

Ilker Özgür Koska

P39 - 1026 - THE ROLE OF SONOELASTOGRAPHY IN ORBITAL MASSES

Ismail Akdulum, Rahmi Duman, Zeynel Yologlu, Ramazan Tiken, Feyza Kabar, Mehmet Balci, Bilgin Kadri Aribas

P40 - 1079 - DETERMINATION OF HEPATIC SEGMENT IN INTRAHEPATIC TUMOR USING ULTRASOUND CONTRAST AGENT (SONAZOID) CAN IT HELP THE SURGEON DECIDE HEPATIC SEGMENTECTOMY OR SECTIONECTOMY

Jinhan Cho, Sangyun Lee, Heejin Kwon

P41 - 1089 - TREATMENT OF A HEPATOBLASTOMA IN A 1 YEAR OLD BOY BY INTRAOPERATIVE ULTRASOUND GUIDED RADIOFREQUENCY ABLATION WITH 3 YEARS FOLLOW UP

Kagan Ceken, Adnan Kabaalioglu, Emel Durmaz, Can Cevikol, Elif Güler, Mustafa Melikoglu, Timur Sindel

P42 - 1138 - MICROWAVE AND RADIOFREQUENCY ABLATION RESULTS IN TREATMENT OF LIVER MALIGNANCY IN 450 PATIENTS

Kaloyan Pavlov, Jordan Genov, Rummyana Mitova, Dobromir Sotirov, Irina Boeva, Gergana Taneva, Rummyana Hristova, Plamen Getsov, Ivan Terziev, Borislav Vladimirov, Nikola Grigorov

P43 - 1048 - ROLE OF COLOR DOPPLER SONOGRAPHY IN THE EVALUATION OF PRESSURE ULCERS IN HYPOECHOIC AREAS

Koichi Yabunaka, Gojiro Nakagami, Tomomitsu Miyagaki, Sanae Sasaki, Hiromi Sanada



POSTERS

P44 - 1037 - STRAIN ELASTOGRAPHY DIAGNOSTIC VALUE IN ASSESSMENT OF BI RADS 4 LESIONS

Kristina Bojanić, Damir Timac, Gordana Ivanac, Mirta Pacovski, Miroslav Sikora, Kristina Kralik, Darija Arambač Čurić

P45 - 1121 - OVULATION INDUCTION IN POLYCYSTIC OVARIAN DISEASE THROUGH ULTRASOUND GUIDED FOLLICULAR ASPIRATION

M.yousri Amin, Mohamed Ramadan, Mohamed Hussin, Emad Khalifa, Mona Gaber

P46 - 1040 - ROLE OF SHEAR WAVE ELASTOGRAPHY IN PREDICTION OF RESPONSE TO NEOADJUVANT CHEMOTHERAPY IN LOCALLY ADVANCED BREAST CANCER

Niraj Kumar, *Manavjit Singh Sandhu*, Tulika Singh, Gurpreet Singh, Amanjit Bal, Niranjan Khandelwal

P47 - 1149 - ULTRASOUND CRITERIA IN THE IMAGISTIC DIAGNOSIS OF PERICARDIAL EFFUSION

Maria Cristina Bezna, Marinela Bezna, Doina Carstea, Camelia Poenaru, Sorin Bezna, Octavian Istratoaie

P48 - 1086 - SONOGRAPHIC MEASURED SUBCUTANEOUS FAT THICKNESS AS A PREDICTOR OF CORONARY ARTERY DISEASE

Maryam Moradi, Amir Nosrati, Mehdi Karami, Amir Reza Sajjadih Khajouei

P49 - 1134 - ULTRASOUND GUIDED MORTONS NEUROMA TREATMENT

Bulent Karaman, *Mehmet Ersen*, Salih Hamcan, Hatice Tuba Sanal, Mustafa Tasar¹

P50 - 1135 - NONSPECIFIC BREAST GRANULOMA; A RARE MIMICKER OF BREAST CARCINOMA

Salih Hamcan, *Mehmet Ersen*, Bulent Karaman, Hatice Tuba Sanal

P51 - 1136 - INTRATHYROIDAL ECTOPIC THYMUS PRESENTING AS AN ATYPICAL THYROID NODULE

Onur Taydas, Emre Unal, *Mehmet Ruhi Onur*, Erhan Akpinar

P52 - 1143 - SCROTAL TRAUMA SONOGRAPHIC FINDINGS

Mehmet Ruhi Onur, Emre Unal, Ali Devrim Karaosmanoglu, Erhan Akpinar

P53 - 1144 - NONTRAUMATIC ACUTE SCROTUM

Mehmet Ruhi Onur, Emre Unal, Ali Devrim Karaosmanoglu, Erhan Akpinar

P54 - 1014 - STRAIN INDEX VALUES IN THE ULTRASONOGRAPHIC EVALUATION OF PSORIASIS

Serdal Citil, *Mehmet Sait Menzilioglu*, Yasemin Akman, Fatih Tuten, Gulay Gungor

P55 - 1109 - SONOGRAPHY GUIDED PERCUTANEOUS THROMBIN INJECTION FOR TREATMENT OF BRACHIAL ARTERY PSEUDOANEURYSM

Mehmet Semih Çakir, İlhan Nahit Mutlu, Mehmet Hamza Türkcanoğlu, Melis Baykara Ulsan, Özgür Kiliçkesmez



POSTERS

P56 - 1155 - PEDUNCULATED LIVER TUMOR CAPILLARY HEMANGIOMA SURROUNDED BY FOCAL CIRRHOSIS A CASE REPORT

Meri Trajkovska, Aleksandar Shumkovski, Rozalinda Popova-jovanovska, Nikola Brzanov, Vesna Janevska

P57 - 1139 - HERLYN WERNER WUNDERLICH SYNDROME WITH INITIAL PRESENTATION OF ENDOMETRIOSIS

Mesut Ozgokce, Fatma Durmaz, Alpaslan Yavuz, Harun Arslan, Abdussamet Batur, Veysel Ayyildiz, Mehmet Melek

P58 - 1141 - A PEDIATRIC CASE OF SIGMOID COLON MALIGNANCY PRESENTED WITH KRUKENBERG TUMOR

Mesut Ozgokce, Fatma Durmaz, Alpaslan Yavuz, Harun Arslan, Abdussamet Batur, Veysel Ayyildiz, Kemal Ağengin

P59 - 1117 - INOCULE HYDATIC CYST PRESENTING AS PELVIC MASS

Mesut Özgökçe, Alpaslan Yavuz, Harun Arslan, Abdussamet Batur, Abdusselam Özdemir, Çetin Kotan

P60 - 1004 - MULTISEPTATE GALLBLADDER IN AN ASYMPTOMATIC YOUNG WOMAN

Mete Özdikici

P61 - 1006 - PURE LIPOMA OF THE UTERUS A RARE CASE REPORT WITH REVIEW OF LITERATURE

Mete Özdikici

P62 - 1091 - UNUSUAL SITES OF HYDATID DISEASE SONOGRAPHIC FINDINGS OF TWO CASES

Mustafa Abali, Ugurcan Balyemez, Ugur Bozlar, Mustafa Tasar

P63 - 1028 - A ROLE OF THE LINEAR PROBE IN A DIAGNOSIS OF THE DISEASES INVOLVED LUNG INTERSTITIAL SPACES

Natalia Buda, Wojciech Kosiak

P64 - 1023 - EVALUATION OF ULTRASOUND ELASTOGRAPHY RESULTS IN GYNECOMASTIA PATIENTS

Samet Genez, Nuray Voyvoda, Tülay Özer

P65 - 1102 - MRI VS CEUS LET THE CHALLENGE BEGIN

Ortansia Doryforou, Michail Goumenakis, Vasiliki Atsali, Christos Tekedis, Nikolaos Gidarakos, Dimitrios Matsaridis, Maria Gkagkanasiou, Emmanouil Skoulikaris, Konstantinos Dritsakos

P66 - 1061 - SPLEEN STIFFNESS EVALUATED BY ACOUSTIC RADIATION FORCE IMPULSE (ARFI) ELASTOGRAPHY IN CIRRHOTIC PATIENTS IS NOT A USEFUL TOOL TO PREDICT ESOPHAGEAL VARICES NEEDING TREATMENT

Giovanni Galati, Paolo Gallo, Antonio De Vincentis, Umberto Vespasiani Gentilucci, Alessandro Guidi, Antonio Picardi

POSTERS

P67 - 1015 - CLINICAL VALUE OF NSTEMI ACS LEFT VENTRICULAR MYOCARDIAL ISCHEMIA WAS EVALUATED BY LAYER SPECIFIC STRAIN TECHNIQUE

Qinwang Qin, Yanchunmeng Yanchun

P68 - 1165 - VASCULAR MALFORMATIONS IN CHILDREN: HAEMANGIOMA AN OVERVIEW

Simona Cerbu, Ramona Stroescu, Florin Birsasteanu, Eugen Boia

P69 - 1164 - PEDIATRIC LUNG ULTRASOUND OUR EXPERIENCE IN DIAGNOSIS PULMONARY DISEASES

Ramona Stroescu, Simona Cerbu, Teofana Bizerea, Otilia Marginean, Gabriela Doros

P70 - 1082 - RESULTS OF THE ULTRASOUND APP STUDY (UPPS)

Sabine Volz, Nikolaus De Gregorio, Christiane Lato, Florian Ebner, Krisztian Lato

P71 - 1156 - NON INVASIVE ASSESSMENT OF LIVER FIBROSIS BY POINT SHEAR WAVE ELASTOGRAPHY (ELASTPQ) WITH TRANSIENT ELASTOGRAPHY SERVING AS THE REFERENCE METHOD

Vladimir Matić, Sanda Mustapić, Tomislav Bokun, Nermin Salkić, Marko Banić, Milan Kujundžić, Ivica Grgurević

P72 - 1013 - EFFICACY OF SINGLE DOSE GONADOTROPIN RELEASING HORMONE AGONIST ADMINISTRATION PRIOR TO MAGNETIC RESONANCE GUIDED FOCUSED ULTRASOUND SURGERY FOR SYMPTOMATIC UTERINE FIBROIDS

Sang-wook Yoon

P73 - 1034 - IMAGING FINDINGS OF IMMATURE TERATOMA OF UNDESCENDED TESTIS IN A NEWBORN

Sermin Tok, Hakan Taskinlar, Yuksel Balci, Taylan Kara, Feramuz Demir Apaydin, Ali Nayci

P74 - 1068 - IS THIS MIRIZZI SYNDROME OR THE GALLBLADDER CARCINOMA

Sevcan Türk, Güngün Kavukçu, Sadik Tamsel, Ezgi Güler

P75 - 1113 - A MODEL OF TEACHING AND EVALUATION OF ULTRASOUND SKILL IN FINAL YEAR MEDICAL STUDENTS OF BURAPHA UNIVERSITY

Sornsupha Limchareon, Sutasineng Kongprompsuk

P76 - 1092 - DOPPLER US FOLLOW UP OF MIDDLE HEPATIC VEIN TRIBUTARIES IN RECIPIENTS OF LIVING DONOR LIVER TRANSPLANTATION USING MODIFIED RIGHT LOBE GRAFTS

Sunyoung Lee, Kyoung Won Kim, Kyung Jin Lee, Gi Won Song, Sung Gyu Lee

P77 - 1025 - WHY WE NEED INFECTION PREVENTION AND CONTROL PROTOCOLS FOR ULTRASOUND PRACTITIONERS

Susan Campbell Westerway, Jocelyne Basseal



POSTERS

P78 - 1123 - A UNIFYING CONCEPT FOR ALL ABDOMINAL VASCULAR COMPRESSION SYNDROMES
THE LORDOGENETIC MIDLINE CONGESTION SYNDROME

Thomas Scholbach

P79 - 1032 - VALUE OF B MODE ULTRASONOGRAPHY AND REAL TIME SONOELASTOGRAPHY FOR
DETECTING INJURY OF THE LATERAL LIGAMENTS OF THE ANKLE JOINTS

Ayşegül Karadayı, *Tiülay Özer*, Nuray Voyvoda, Burak Fariz

P80 - 1146 - ULTRASOUND FINDINGS OF SUPERFICIAL TEMPORAL ARTERY PSEUDOANEURYSM
CASE REPORT

Mehmet Serindere, *Ugurcan Balyemez*, Ugur Bozlar, Mustafa Tasar

P81 - 1148 - INTESTINAL LIPOMA INDUCED ILEOCECAL INTUSSUSCEPTION IN AN ADULT A RARE
CASE REPORT

Ugur Bozlar, *Ugurcan Balyemez*, Suat Demirkapi, Mustafa Tasar

P82 - 1150 - DUCTAL CARCINOMA IN SITU INCLUDING NODULAR ADENOSIS OF BREAST
MAMMOGRAPHY SONOGRAPHY AND ELASTOGRAPHY FINDINGS

Hatice Tuba Sanal, *Ugurcan Balyemez*, Salih Hamcan, Bulent Karaman

P83 - 1140 - SPLENIC AND KIDNEY INFARCTION AS A COMPLICATION OF ATRIAL FIBRILLATION

Vlasta Malnarič Marentič, Polona Golob Kosmina

P84 - 1021 - THE EVALUATION OF FETAL CEREBELLAR VERMIS A PRELIMINARY STUDY BY
TRANSABDOMINAL THREE DIMENSIONAL ULTRASOUND

Xueyu Rong, Qiang Zhu, Ning Guo, Yanyan Zhang, Limei Wang, Meilan Li, Ying Zhang

P85 - 1022 - DIFFERENT VARIANTS OF PAPILLARY THYROID CARCINOMA MORPHOLOGIC AND
ECHOGRAPHIC PRESENTATION

Zdenka Bence-zigman

SATELLITE SYMPOSIUMS

Bracco Satellite Symposium - MARMORNA 1

Saturday, September 23

12.00 - 13.00 (Marmorna Hall)

Evolving clinical applications for CEUS

Moderator: Deike Strobel

- Pediatric use of SonoVue
Paul Sidhu
- CEUS in breast imaging: is it useful for the characterization and BI-RADS classification of focal breast lesions?
Jun Luo
- Role of Sonovue in diagnosis and therapy of HCC
Deike Strobel

Faculty

Deike Strobel

University Hospital, Erlangen, Germany

Paul Sidhu

King's College Hospital, London, UK

Jun Luo

West China Hospital, Sichuan, China

Samsung Satellite Symposium - POVODNI 4

Saturday, September 23

12.00 - 13.00 (Povodni Hall 4)

- | | |
|---------------|---|
| 12:00 - 12:20 | CEUS in Liver Lesions
<i>Dirk-André Clevert, Germany</i> |
| 12:20 - 12:40 | CEUS in the Pediatric Liver
<i>Maria Sellars, UK</i> |
| 12:40 - 13:00 | CEUS in Pediatric Practice: Safety and Cost-effectiveness
<i>Paul S. Sidhu, UK</i> |

GENERAL INFORMATION

CONGRESS VENUE



The GR - Ljubljana Exhibition and Convention Centre is the leading events center in Slovenia, located in the close proximity of the Ljubljana Old Town. 20 multifunctional halls with 12.323 square meters in total are complemented by 8,844 square meters of external exhibition space. The function rooms providing a high degree of versatility can be arranged to welcome any kind of meeting from 15 to 4,000 delegates. The entire GR premises are fitted with state-of-the-art technical equipment and the majority of the function rooms also feature daylight.



Ljubljana Exhibition and Convention Centre (GR)

Dunajska cesta 18, SI - 1000 Ljubljana, Slovenija

T. +386 (0)1 300 26 00

F. +386 (0)1 300 26 28

Web : www.ljubljanafair.com



GENERAL INFORMATION

Banks and Currency Exchange

The official currency of Slovenia as a European Union member state is **EURO (€)**. In Slovenia you can change money at banks, exchange offices, hotel receptions and at large shopping malls. The exchange rate is published daily by the [Bank of Slovenia](#).

You can withdraw cash 24 hours a day from cash dispensers around the country. Most cash dispensers accept MasterCard, Visa, Maestro, Cirrus and Visa Electron Plus. Banks are open Monday to Friday 09.00 am till 5.00 pm (Some banks close their branches at 12.00 pm for one hour.)

Dining Out

Ljubljana's restaurant scene is heavily influenced by the surrounding countries with Italian, Hungarian, Austrian and Balkan cuisines, all helping create an eclectic range of restaurants.

Internet Access

Wireless internet access is available from the majority of hotels in Ljubljana, in most cases free of charge. Several public internet access points as well as free wireless internet access offered by a large number of the city's cafés and bars are available.

Electricity

Slovenia operates on 220V single-phase. Slovenian plugs have two pins.

Time Zones

Slovenia is in the Central European Time Zone (CET +1)

Weather and Climate

The average temperature in Ljubljana in September is around 20°C during the day time and around 12 °C during the evenings.

CME Accreditation

29th Congress of EFSUMB – EUROSON 2017 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) for a maximum of 18 European CME credits (ECMEC®s).

Liability and Insurance

Registration fees do not include the insurance of participants against personal accidents, sickness and cancellations by any party, theft, loss or damage to personal possessions. Participants are advised to take out adequate personal insurance to cover travel, accommodation, cancellation and personal effects.



GENERAL INFORMATION

Registration Desk

Registration desk will be located at Jurcek Hall at the side entrance of the congress center.

The working hours of the registration desk will be;

21 st September 2017, Thursday	14:00 - 19:00
22 nd September 2017, Friday	07:30 - 19:30
23 rd September 2017, Thursday	08:00 - 18:30
24 th September 2017, Thursday	08:00 - 17:00

Exhibition Opening Hours

Marmorna Hall 2 will be the exhibition area.

22 nd September 2017, Friday	08:00 - 19:30
23 rd September 2017, Thursday	08:00 - 18:00
24 th September 2017, Thursday	08:00 - 16:00

Name Badges

Please wear your name badges at all times. Only EUROSON 2017 participants wearing official name badges will be allowed to access the conference site and attend the scientific and social programs.

SPEAKERS PREVIEW LOUNGE - FORUM HALL / 1st FLOOR

DATA PRESENTATION:

- The presentation should be supplied **only in PowerPoint format**. Please note that it should be on a CD or a memory stick and should be loaded on one of the conference computers in the Preview Room **at least 2 hours before**

THE START OF THE SESSION:

- If you are combining video films with a PowerPoint presentation, please make sure to download the video film on the same computer in the Preview Room and inform the staff about the video.
- Please note that the conference computers in the session halls are supplied with Microsoft Office
- Presenters **MAY NOT** use their own computer to run lectures; lectures should be presented with the equipment supplied.



GENERAL INFORMATION

IMPORTANT NOTE FOR APPLE USERS:

- If you are using an Apple Device, please note that you need to supply your own laptop **as a back-up** and **confirm that it has a VGA** socket for external signal. Additionally please come to check it **first in the Preview Room** and **later in the session hall** where your lecture will take place. Note that this should be done during the coffee break or lunch break prior to your session and **at least 2 hours before THE START OF THE SESSION.**
- The organizing committee strongly discourages the use of your own computer and will not accept any responsibility for bad connections, lack of compatibility and other problems.

VIDEO:

- If you need to use a video for your presentation (mpeg format only), please advise the staff in the Preview Room as soon as you arrive, **at least 2 hours before THE START OF THE SESSION.**

Date	Location	Time
21 st September 2017	Forum Hall	16:00 - 19:00
22 nd - 23 rd September 2017	Forum Hall	07:30 - 18:30
24 th September 2017	Forum Hall	08:00 - 17:00

Posters Affixation and Removal

Affixation	21 st September 2017	14:00 - 17:00
Removal	24 th September 2017	16:00 - 18:00

29th EUROSON 2017
CONGRESS OF EFSUMB
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EXHIBITOR

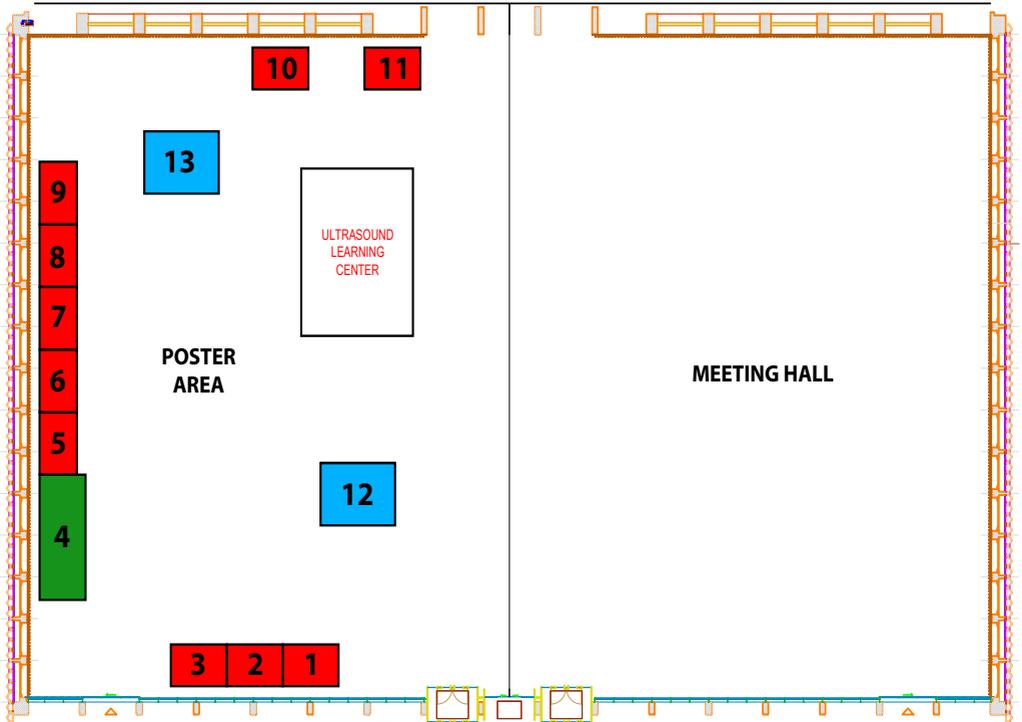


GE Healthcare



EXHIBITION FLOOR PLAN

GROUND FLOOR



EXHIBITOR LIST

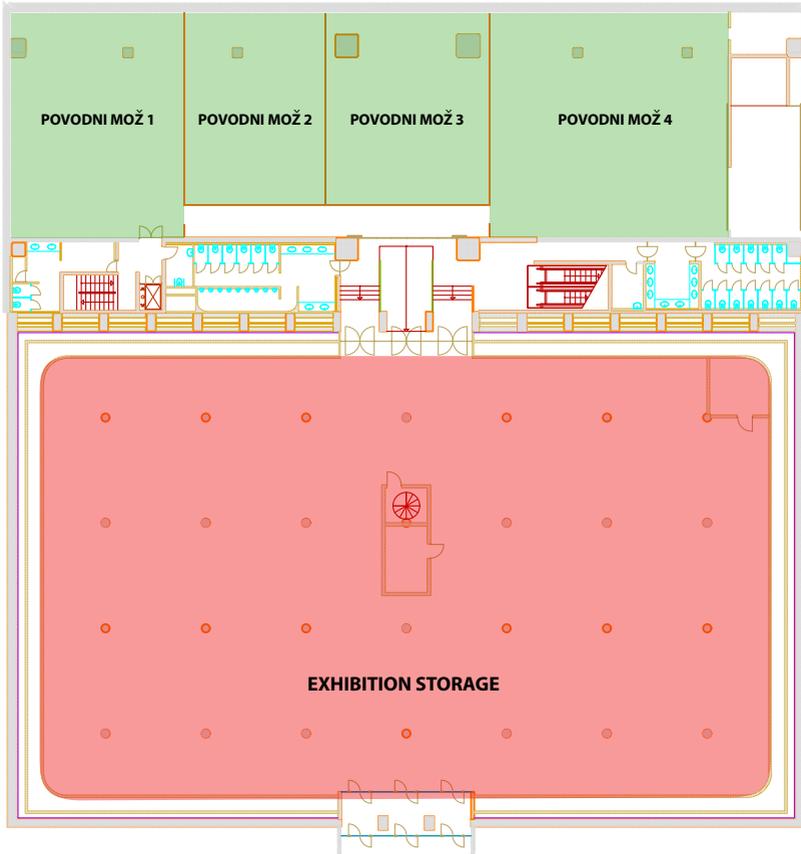
- 1 - GE HEALTHCARE
- 2 - MEDIS
- 3 - MINDRAY
- 4 - BRACCO
- 5 - PHILIPS HEALTHCARE
- 6 - EASL
- 7 - EFSUMB
- 8 - EUROSON 2018
- 9 - GAMPT mbH
- 10 - 3D SYSTEMS
- 11 - TOSHIBA MEDICAL SYSTEMS
- 12 - SAMSUNG
- 13 - SUPERSONIC IMAGINE

12 sqm 15 sqm 6 sqm



FLOOR PLANS

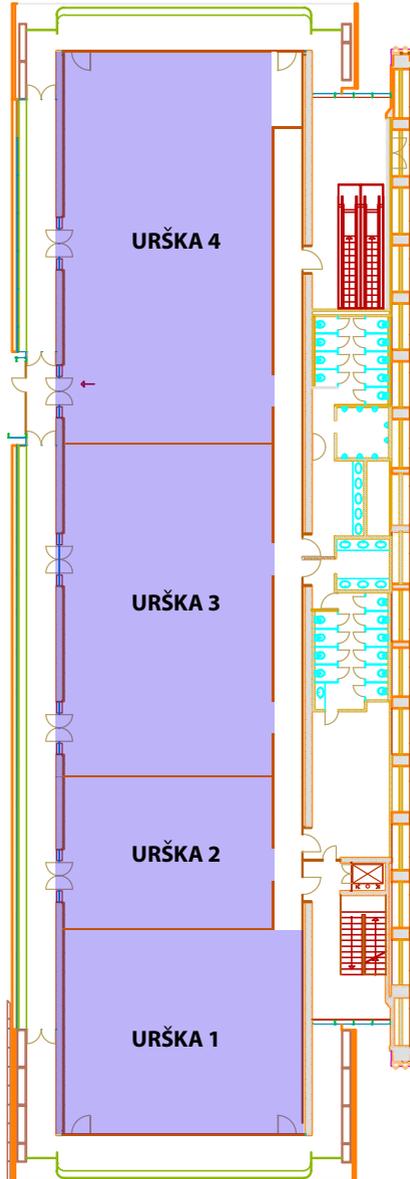
-1 FLOOR





FLOOR PLANS

2nd FLOOR



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ORGANIZING SECRETARIAT

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