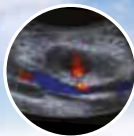
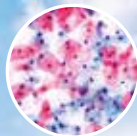


29th EUROSON 2017 CONGRESS OF EFSUMB

22-24 SEPTEMBER 2017

LJUBLJANA - SLOVENIA



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PROGRAM BOOK



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

Özlem Pata, Turkey

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 Yıldız, 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 Ultrasound findings of intrauterine infections

Özlem Pata, Turkey

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 Çakır, Melis Baykara Uluhan, 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

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 Sonography of multiple gestations

Natasa Tul Mandic, Slovenia

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

15:30 - 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 Kabaalioglu, Turkey and Özlem Pata, Turkey*

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

Natasa Tul Mandic, 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 - MARMORNA 1

18:00 - WELCOME RECEPTION - MARMORNA 2 / EXHIBITION AREA



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 - 09:05 Cystic abdominal echinococcosis – does the “typical” US image sometimes mislead?*

Branimir Golemanov-Bulgaria

09:05 - 09:20 Current Management Algorithms

Adnan Kabaalioglu

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

Okan Akhan, Turkey

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, Cîrpiian 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): *Gordana Ivanac, Croatia and Emel Durmaz, Turkey*

08:30 - 09:00 Breast US update

Gordana Ivanac, Croatia

09:00 - 09:30 BIRADS 3 lesions

Emel Durmaz, Turkey

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

Gordana Ivanac, 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 Kiliç, 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, Helmut Prosch, 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 - **UK**

10:40 - 10:50 Subclinical psoriatic arthritis detection in patients with psoriatic onychopathy

V. Linovs, M. Radzina, T. Sidorcika, A. Rubins, S. Rubins - **Latvia**

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 - **Romania**

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 - **Italy**

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 - **Turkey**

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 - **The Netherlands**

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 - **Norway**

11:40 - 11:50 Sonoelastography of the Supraspinatus Tendon

Brage K, Hjarbaek J, Kjaer P, Juul-Kristensen B - **Denmark**

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 Çorbacioğlu, 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 Ewertsen, Denmark

- 13:00 - 13:20 Breast elastography: The impact
Gordana Ivanac, Croatia
- 13:20 - 13:35 Advances in breast elastography
Caroline Ewertsen, Denmark
- 13:35 - 13:50 Ablation of breast tumors under US guidance
Saim Yilmaz, Turkey

DEGUM LECTURE – POVODNI 4

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

DEGUM Lecture

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

Theresa Planiol Lecture

- 13:30 - 14:00 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



FINAL PROGRAM

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

15:30 - 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 Kabaalioğlu, Turkey and Aytül Çorbacioğlu, Turkey*

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



FINAL PROGRAM

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

Maria Sellars, United Kingdom

VASCULAR – POVODNI 3

Vascular US

Chair(s): *Gordana Ivanac, Croatia and Irene Mastorakou, Greece*

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

Gordana Ivanac, 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



FINAL PROGRAM

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



FINAL PROGRAM

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



FINAL PROGRAM

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 2D shear 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



FINAL PROGRAM

GENITO-URINARY – POVODNI 2

Penile and Testicular US

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

08:30 - 08:50 Management of impalpable 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

**FINAL PROGRAM**

- 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



FINAL PROGRAM

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 Flesland 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

FINAL PROGRAM

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

INTERVENTIONAL – POVODNI 1

Endoscopic US - Laparoscopic US - Intraoperative US

Chair(s): Mustafa Seçil, Turkey and Roald Flesland 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



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 elastpQ 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

14:10 - 14:20 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 Flesland 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 - MARMORNA 1



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

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