

KING'S COLLEGE HOSPITAL
5TH INTERNATIONAL PAEDIATRIC CEUS COURSE
24TH – 25TH JUNE 2019

WELCOME ADDRESS

The course will take place at the Windsor Walk Lecture Theatre, Fetal Medicine Research Institute, King's College Hospital in London SE5 8BB, within easy connection to central London.

The organizers of the above course wish to invite you to participate in a 2-day concentration of experience and education in the new and exciting field of contrast-enhanced ultrasound (CEUS) in children. This is now an important aspect of imaging in children with recent FDA approvals of CEUS for characterisation of focal liver lesions and ureteric reflux assessment. The organizers have extensive experience in the application of CEUS in children with over 10 years of accumulated knowledge, and wish to share this widely, and a truly international speaker panel has been selected.

This is the 5th occasion we are organizing this course, and this has grown to a full two days. The course is recognized as a EUROSON School, with full endorsement of the European Federation of Societies of Ultrasound in Medicine and Biology (EFSUMB) and is endorsed by the British Medical Ultrasound Society (BMUS), with continuing medical education credits provided by the Royal College of Radiologist, United Kingdom.

The aim is to attract participants from across Europe, and further afield, who have an interest in introducing CEUS for children, in whom the importance of radiation dose reduction and accurate imaging are paramount. It is hoped that the faculty as well as the participants will establish a worldwide network to encourage the use of CEUS in children. The aim is to bring together this experience with fruitful exchange of knowledge and experience.

We have put together a program that we hope will serve the needs of the participants, encourage discussion and subsequently increased clinical use.

The background to the development, safety and future developments of CEUS will be discussed, and the legal role in children explained. The use in focal liver lesions, benign and malignant will be discussed. CEUS in blunt abdominal trauma, vesico-ureteric reflux, paediatric transplantation, oncology, inflammatory bowel disease and in areas where only CEUS can be used as a problem solving tool will be demonstrated, including novel brain applications. Discussion around guidelines for CEUS and experience in Europe and the United States will be led by experts. Speakers who have recently set-up their own program of CEUS in children will share their experience.

Course beverages and lunches will be complimentary. An exhibition will take place of ultrasound equipment. Free WiFi will be provided.

We hope you will be able to participate and add to this exciting initiative.



Maria E Sellars



Annamaria Deganello



Paul S Sidhu

COURSE DIRECTORS.

KING'S COLLEGE HOSPITAL, DENMARK HILL, LONDON, UNITED KINGDOM

REGISTRATION FEES (INCLUDES ALL BEVERAGES AND LUNCH ON 2 DAYS)

EFSUMB OR BMUS MEMBER	£200.00 (WITH LETTER OF PROOF)
MEDICAL OR RADIOLOGY TRAINEE	£200.00 (WITH LETTER OF PROOF)
SONOGRAPHER OR ULTRASOUND TECHNICIAN	£200.00
NON-AFFILIATED PHYSICIAN	£240.00

Faculty

Kirsten Christensen-Jeffries	King's College London, UK
Kassa Darge	The Children's Hospital of Philadelphia, Philadelphia, United States
Annamaria Deganello	King's College Hospital, London, United Kingdom
Tina Fang	King's College Hospital, London, United Kingdom
Emer Fitzpatrick	King's College Hospital, London, United Kingdom
Doris Franke	Medizische Hochschule, Hannover, Germany
Christian Greis	Bracco Imaging, Konstanz Germany
Zoltan Harkanyi	Heim Pal Hospital, Budapest, Hungary
Dean Huang	King's College Hospital, London, United Kingdom
Paul Humphries	Great Ormond Street Hospital, London, United Kingdom
Misun Hwang	The Children's Hospital of Philadelphia, Philadelphia, United States
Jeevesh Kapur	National University Hospital, Singapore
Damjana Ključevšek	University Medical Centre, Ljubljana, Slovenia
Wojciech Kosiak	Medical University of Gdansk, Gdansk, Poland
Martin Krix	Bracco Imaging, Konstanz, Germany
Anoushka Ljutikov	Royal London Hospital, London, United Kingdom
Aikaterini Ntoulia	The Children's Hospital of Philadelphia Philadelphia, United States
Beth MacCarville	St. Jude Children's Research Hospital, Memphis, Tennessee, United States
Erica Makin	King's College Hospital, London, United Kingdom
Maciej Piskunowicz	Medical University of Gdansk, Gdansk, Poland
Laura Poznick	The Children's Hospital of Philadelphia, Philadelphia, United States
Vasileios Rafailidis	AHEPA University Hospital, Thessaloníki, Greece
Martin Stenzel	University Hospital Jena, Germany
Maria Sellars	King's College Hospital, London, United Kingdom
Paul Sidhu	King's College Hospital, London, United Kingdom
Dr Abhay Srinivasan	The Children's Hospital of Philadelphia, Philadelphia, United States
Gibran Yusuf	King's College Hospital, London, United Kingdom

Course Endorsement

BMUS



COURSE ACCREDITATION
THE ROYAL COLLEGE OF RADIOLOGISTS (UK) 12CPD CREDITS
EFSUMB CME CREDITS

With the Contribution of



KING'S COLLEGE HOSPITAL
5TH INTERNATIONAL PAEDIATRIC CEUS COURSE PROGRAMME
24TH – 25TH JUNE 2019

<i>Monday 25th JUNE 2019</i>		
08.30 -09.00	Registration	
09.00 - 9.10	Welcome by the Course Directors	<p>Prof Paul Sidhu, Professor of Imaging Sciences, King's College London, UK</p> <p>Dr Maria Sellars, Department of Radiology, King's College Hospital, London, UK</p> <p>Dr Annamaria Deganello, Department of Radiology, King's College Hospital, London, UK</p>
09.10 – 09.30	Introduction to CEUS	Prof Martin Krix, Bracco Imaging, Konstanz, Germany
09.30 – 09.50	Safety of CEUS in Adults and Children	Dr Kirsten Christensen-Jeffries, Biomedical Engineering Department, King's College London, UK
09.50 – 10.10	Quantitative Measurement: Techniques and Challenges	Dr Kirsten Christensen-Jeffries, Biomedical Engineering Department, King's College London, UK
10.10 – 10.30	VueBox® for SonoVue®	Dr. Christian Greis, Bracco Imaging, Konstanz, Germany
10.30 – 10.50	EFSUMB Paediatric Statement and review of the literature	Prof Maciej Piskunowicz, Department of Radiology, Medical University of Gdansk, Poland
10.50 – 11.10	Coffee Break	
11.10 – 11.30	Legal aspects of using CEUS in Children and artefacts to be aware of	Prof Martin Stenzel, Institute of Diagnostic and Interventional Radiology, University Hospital Jena, Germany
11.30 – 11.50	Clinical Safety of Paediatric CEUS in 2017 and How I do it – tips and tricks	Prof Maciej Piskunowicz, Department of Radiology, Medical University of Gdansk, Poland
11.50 – 12.00	CEUS and Anaphylaxis: how to deal with it	Dr Maria Sellars, Department of Radiology, King's College Hospital, London, UK
12:00 – 12:20	EFSUMB paediatric registry – current status	Dr Vasileios Rafailidis, AHEPA University Hospital, Thessaloniki, Greece
12.20 – 12:40	How we set up a Paediatric CEUS Service – UK experience	<p>Dr Anoushka Ljutikov, Department of Radiology, Royal London Hospital, UK</p> <p>Dr Paul Humphries, Department of Radiology, Great Ormond Street Hospital, London, UK</p>
12.40 – 13:00	How we set up a Paediatric CEUS Service – USA experience	Ms Laura Poznick, Ultrasound Department, The Children's Hospital of Philadelphia
13.00 – 14.00	Lunch	

14.10 - 14.30	Paediatric Liver Disease –A physicians perspective	Dr Emer Fitzpatrick, Department of Paediatric Hepatology, King's College Hospital, London, UK
14.30 – 14.50	Paediatric Liver Disease Imaging Spectrum	Dr Paul Humphries, Department of Radiology, Great Ormond Street Hospital, London, UK
14.50 – 15.10	CEUS in Paediatric Indeterminate Focal liver lesions	Dr Annamaria Deganello, Department of Radiology, King's College Hospital, London, UK
15.10 – 15.20	<i>Scientific Oral presentation. Adenoma vs FNH</i>	Dr Tina Fang, Department of Radiology, King's College Hospital, London, UK
15.20 – 15.50	CEUS in Paediatric Oncology	Prof Beth MacCarville, Department of Radiological Sciences, St. Jude Children's Research Hospital, Memphis, Tennessee, USA
15.50 – 16.10	<i>Tea Break</i>	
16.10 – 16.40	CEUS in Paediatric Transplantation	Dr Doris Franke, Division of Paediatric Nephrology, Hepatology and Metabolic Diseases, Hannover Medical School, Germany
16.40 – 17.00	CEUS in Paediatric inflammatory bowel disease	Prof. Damjana Ključevšek, Department of Paediatric radiology, University Medical Centre, Ljubljana, Slovenia

Tuesday 26th JUNE 2019		
09.00 – 09.40	The “David Cosgrove lecture” – A quantum leap in pediatric contrast ultrasound: The impact of the CHOP Center for Pediatric Contrast Ultrasound (CPCU)	Prof Kassa Darge, Professor of Radiology and Surgery, University of Pennsylvania, Chief, Division of Body Imaging, Dept. of Radiology, The Children's Hospital of Philadelphia, Philadelphia, USA
09.40 - 10.00	Blunt Abdominal Trauma – a surgeons perspective	Ms Erica Makin, Department of Paediatric Surgery, King's College Hospital, London, UK
10.00 - 10.30	CEUS in Paediatric Trauma	Dr Maria Sellars, Department of Radiology, King's College Hospital, London, UK
10.30 – 10.40	<i>Oral scientific presentation. A new proposed grading scale for abdominal trauma in children</i>	Dr Tina Fang, Department of Radiology, King's College Hospital, London, UK
10.40 - 11.10	CEUS in Paediatric splenic lesions	Prof Zoltan Harkanyi, Department of Paediatric Radiology, Heim Pal Children's Hospital, Budapest, Hungary
10.10 – 11.30	<i>Coffee Break</i>	
11.30 – 12.00	CEUS in Paediatric Renal Disease	Dr. Jeevesh Kapur Department of Diagnostic Imaging, National University Hospital, Singapore
12.00– 12.20	Ce-VUS. How I do it	Ms Laura Poznick, Ultrasound Department, The Children's Hospital of Philadelphia
12.20 – 12.50	CEUS for Vesicoureteric Reflux Diagnosis	Dr Aikaterini Ntoulia, Department of Radiology, The Children's Hospital of Philadelphia

12.50 – 13.10	CEUS in the Paediatric Testis	Dr Dean Huang, Department of Radiology, King's College Hospital, London, UK
13.10 – 14.10	<i>Lunch</i>	
14.10 – 14.40	Ultrasound of the lungs: with and without contrast	Prof Wojciech Kosiak, Department of Paediatric, Haematology, Oncology, and Endocrinology, Medical University of Gdansk, Gdansk, Poland
14.40 – 15.10	CEUS in Paediatric Intervention	Dr Abhay Srinivasan, Department of Radiology, The Children's Hospital of Philadelphia
15.10 – 15.40	CEUS of the neonates' brain	Dr Misun Hwang, Department of Radiology, The Children's Hospital of Philadelphia
15.40 – 16.00	<i>Tea Break</i>	
16:00 – 16.20	Cost Effectiveness of Paediatric CEUS	Dr Tim Yusuf, Department of Radiology, King's College Hospital, London, UK
16.20 – 16.40	Paediatric CEUS as a problem solving tool	Dr Annamaria Deganello, Department of Radiology, King's College Hospital, London, UK
16.40 – 16.50	Course Assessment	