

LEVEL III

AIMS
ADVANCED IMAGING
MULTIMODALITY
SEMINAR
Korea 2017

CONTRAST ENHANCED
ULTRASOUND

July 15, 2017
Seoul/Korea

This AIMS Programme is implemented with great support and partnership of Bracco, KSR (Korean Society of Radiology) and KSUM (Korean Society of Ultrasound in Medicine)..



Education in partnership.

LEVEL III

AIMS Korea

CONTRAST ENHANCED ULTRASOUND

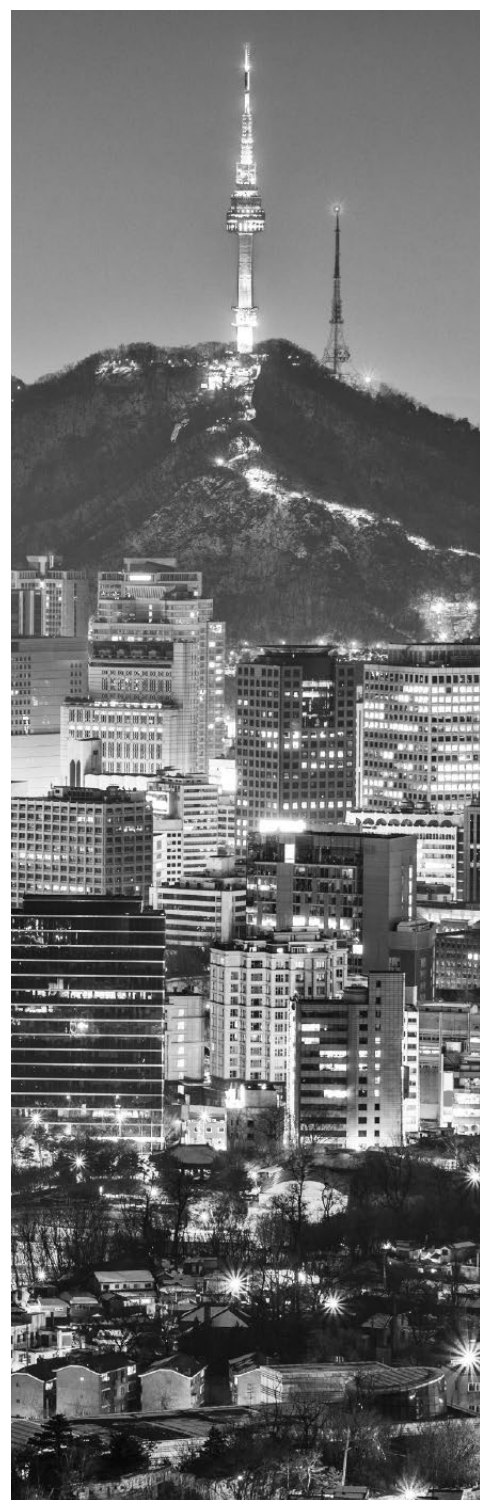
July 15, 2017
Seoul/Korea

Course information

The course is aimed at participants from Korea, in particular last-year residents, board-certified radiologists and fellows interested in contrast enhanced ultrasound (CEUS) imaging. It is designed to update knowledge on state-of-the-art CEUS imaging, including all aspects of hepatic and non-hepatic CEUS imaging. Particular attention will be paid to the latest developments in renal and other genitourinary CEUS imaging in addition to the more traditional hepatic applications. The use of CEUS in emergency imaging will be highlighted. A new and novel use of CEUS will be discussed with applications in many areas in children, reducing unnecessary radiation of CT imaging. Renowned European and Korean experts ensure a high-quality teaching programme, combining lectures and interactive case discussions.

Learning objectives

- to acquire and consolidate knowledge of the traditional application in liver disease
- to assimilate knowledge in the largest growing area for the application of CEUS in the kidney and other genitourinary applications
- to learn to apply CEUS in the emergency setting as a problem-solving tool
- to advance knowledge in the most potentially useful applications of CEUS in children, potentially reducing radiation



Programme

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Saturday, July 15, 2017

08:00–08:30	Registration
08:30–08:40	Welcome by KSR representative Seung Hyup Kim, Seoul/KR
08:40–08:45	Presentation of programme by local chairman Won Jae Lee, Seoul/KR
08:45–09:00	Introduction and welcome on behalf of ESR/ESOR
09:00–09:30	Hepatic applications of CEUS Woo Kyoung Jeong, Seoul/KR
09:30–10:00	Non-hepatic applications of CEUS Se Hyung Kim, Seoul/KR
10:00–10:30	Emergency applications of CEUS Demosthenes Cokkinos, Athens/GR
10:30–10:50	Coffee break
10:50–13:00	Workshops (Woo Kyoung Jeong, Se Hyung Kim, Demosthenes Cokkinos)
13:00–14:00	Lunch break
14:00–14:30	Renal applications of CEUS Jeong Yeon Cho, Seoul/KR
14:30–15:00	Non-renal applications of CEUS Paul Sidhu, London/UK
15:00–15:30	Paediatric applications of CEUS Annamaria Deganello, London/UK
15:30–15:50	Coffee break
15:50–18:00	Workshops (Jeong Yeon Cho, Paul Sidhu, Annamaria Deganello)
18:00	Certificate of attendance

Host Organiser



Won Jae Lee
Seoul/KR

Venue

Lee Kun-Hee Auditorium
Cancer Research Institute
Seoul National University
College of Medicine
101, Daehak-ro, Jongno-gu
03080 Seoul
Korea

Registration fee

Korean Society of Ultrasound
in Medicine
53 Mapo-daero, Mapo-gu
Seoul, 04158, Korea
Tel: +82-2-763-5627
Fax: +82-2-763-6909
E-mail: office@ultrasound.or.kr
www.ultrasound.or.kr (Korean)
www.ksum.or.kr (English)

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Learning Objectives

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Hepatic applications of CEUS

Woo Kyoung Jeong, Seoul/KR

- to understand the difference of CEUS between using Sonovue® and Sonazoid®
- to understand CEUS features of various focal hepatic lesions
- to know the effectiveness of Kupffer phase for differentiation of focal liver lesions
- to go beyond focal liver lesions: introducing utilisation of CEUS for cirrhotic or post-LT recipients

Non-hepatic applications of CEUS

Se Hyung Kim, Seoul/KR

- to refresh the knowledge on the advanced techniques of contrast enhanced US as well as on the basics of CEUS
- to be familiar with the dynamic CEUS features of GB and pancreas pathologies and advanced gastric cancers
- to present the relationship between the dynamic CEUS features of inflammatory bowel disease and clinical disease activity

Emergency applications of CEUS

Demosthenes Cokkinos, Athens/GR

- to outline various emergency indications of CEUS, including: abdominal solid organ trauma; infarct, infection and abscess of liver, kidneys and spleen; gallbladder and pancreatic pathology; cervical, abdominal and peripheral vascular obstruction, aneurysm and dissection; bladder, scrotal, penile and female pelvic emergencies; transplant kidney emergency evaluation etc.
- to understand the limitations and pitfalls of CEUS emergency imaging, in order to appreciate if patient assessment is adequate or further imaging is needed
- to propose a departmental set-up protocol for training and performing CEUS examinations on a 24/7/365 basis

Renal applications of CEUS

Jeong Yeon Cho, Seoul/KR

- to understand the major renal applications of CEUS
- to understand CEUS characterisation of cystic renal masses
- to understand CEUS differentiation of renal tumours
- to understand CEUS application in transplanted kidney
- to understand other applications of CEUS in kidneys and collecting system

Learning Objectives

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Non-renal applications of CEUS

Paul Sidhu, London/UK

- to understand the limitations, safety and potential of CEUS in the genitourinary system
- to be able to understand the indication and methodology for testicular CEUS
- to be able to appreciate the use of multi-parametric ultrasound imaging in the assessment of focal lesions of the testis
- to be able to use the CEUS in intra-cavitary use, for nephrostomy

Paediatric applications of CEUS

Annamaria Deganello, London/UK

- to understand the legal responsibilities of performing CEUS in children and using contrast agents off-label
- to understand the usefulness of CEUS in the assessment of paediatric focal liver lesions
- to review CEUS findings in the context of paediatric abdominal trauma
- to discuss novel indications for CEUS in children, including new extra-vascular applications



Please note that programmes are marked with a logo to indicate their classification according to the European Training Curriculum.

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|------------------|---|
| LEVEL I | First three years of training |
| LEVEL II | Fourth and fifth year of training
(general radiologist standard) |
| LEVEL III | Subspecialty training standard |

ESOR stands for education in partnership.

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