

Microbubble Ultrasound Imaging Course



Imperial College London

Imaging Department
Experimental Medicine Division
Hammersmith Hospital Campus

Course organiser: Professor Edward Leen



This educational
event is made possible
with an educational
grant from



LIFE FROM INSIDE

Morning Session: Introduction

07.50 - 08.00	Welcome address	E Leen
08.00 - 09.00	Microbubble contrast agent	P Burns
09.00 - 09.30	Safety of microbubbles	P Burns
09.30 - 09.45	Discussion	
09.45 - 10.00	<i>Coffee break</i>	
10.00- 10.30	Non-linear imaging modes: optimisation	M Averkiou
10.30 - 11.00	EFSUMB Guideline	D Cosgrove
11.00 - 11.30	Making a business case for CEUS	M Sellars
11.30 - 12.00	Cost effectiveness of CEUS	C Greis
12.00 - 12.15	Discussion	
12.15 - 13.30	<i>Lunch</i>	

Afternoon Session: CEUS Liver Imaging

13.30 - 14.00	Detection of focal liver lesions	H Weskott
14.00 - 14.30	Intra-operative CEUS of liver	E Leen
14.30 - 14.45	Discussion	
14.45 - 15.00	<i>Coffee break</i>	
15.00 - 15.30	Characterisation of focal lesions in normal background liver	S Wilson
15.30 - 16.00	Characterisation of focal lesion in cirrhotic liver	S Wilson
16.00 - 16.30	Discussion	
16.30 - 17.30	Case presentations	S Wilson/H Weskott
19.00 - 21.00	Reception	

Morning Session: Other Abdominal and Small Parts Applications

08.00 - 08.30	Abdominal trauma	C Harvey
08.30 - 09.00	CEUS of small parts	D Cosgrove
09.30 - 10.00	CEUS of pancreas	D'Onofrio
10.00 - 10.15	Discussion	
10.15 - 11.00	<i>Coffee break</i>	
11.00 - 11.30	CEUS of kidneys	G Baxter
11.30 - 12.00	CEUS In transplantation	P Sidhu
12.00 - 12.15	Discussion	
12.15 - 13.30	<i>Lunch</i>	

Afternoon Session: Intervention / Therapy

13.30 - 14.00	CE-US monitoring following EVAR	D Clevert
14.00 - 14.30	CEUS guided ablative therapy	E Leen
14.30 - 14.45	Discussion	
14.45 - 15.00	<i>Coffee break</i>	
15.00 - 15.30	CEUS of GI tract	S Wilson
15.30 - 16.00	DCE-US technique: monitoring therapy with biological agents	P Burns
16.00 - 17.00	DCE-US monitoring of therapy	M Averkiou
17.00 - 17.20	Quantification of using VueBox	L Mercier
17.20 - 17.30	Discussion & closing remarks	

Directions

The Macdonald Holyrood Hotel is set in Edinburgh's historic and beautiful old town. Conveniently located in the city centre, this Edinburgh hotel boasts views of the Craggs and Arthur's Seat. In close proximity to key locations like the Scottish Parliament, Dynamic Earth and Palace of Holyrood House, the hotel is an ideal base for exploring historic Edinburgh.

81 Holyrood Road, Edinburgh EH8 8AU
Tel: 0844 879 9028

Road

Situated on Holyrood Road

Rail

0.5 miles from Edinburgh Waverley Station

Air

8 miles from Edinburgh Airport



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Useful websites:

1. <https://sites.google.com/site/microbubbleultrasound/>
2. <http://www1.imperial.ac.uk/medicine/people/edward.leen/>
3. <http://www1.imperial.ac.uk/departmentofmedicine/divisions/experimentalmedicine/sirjohnmcmichaelcentre/microbubbleimaging/>