

**International Cancer Imaging Society  
20th Annual Teaching Course**

# Concepts in Cancer Imaging

**Virtual Meeting  
19–22 September 2021**

**President 2021: Dr Aslam Sohaib, London, UK**

## **Learning objectives**

To improve your knowledge of

- Cancer diagnosis and staging
- Response assessment
- State of the Art oncological imaging techniques
- Role of imaging in treatment planning
- Cancer genetics
- Interventional radiology for cancer
- Mimics of malignancy

This course is designed for all radiologists, radiation oncologists, medical oncologists and other specialists interested in the diagnosis and management of cancer patients.

## **Call for Abstracts**

**Deadline 1 July 2021**

**submit online at: [icimatingsociety.org.uk](http://icimatingsociety.org.uk)**

Submission of abstracts for scientific papers and posters are invited; those selected for presentation will also be published online in the Proceedings of the ICIS 20th Annual Teaching Course.

## **Programme Planning Committee:**

Khaled Elsayes (USA), Dow-Mu Koh (UK), Kieran McHugh (UK), Giovanni Morana (IT), Anwar Padhani (UK), Aslam Sohaib (UK), Harriet Thoeny (CH) and Annick Van Den Abbeele (USA)

## Sunday 19 September 2021

TIME	SUBJECT	SPEAKER
13:00 – 13:10	Welcome	President
13:10 – 14:30	<b>State of the Art Oncological Imaging: Cancer Genetics</b>	<b>Chair: A George / A Sohaib</b>
13:10 – 13:30	Tumour genomics: primer for radiologists	H Hanson
13:30 – 13:50	Integrating cancer genetics into the cancer pathway	Z Kemp
13:50 – 14:10	Genetic insights into prostate cancer	E Bancroft
14:10 – 14:30	Clues to hereditary cancer syndromes on imaging	R Gore
14:00 – 14:30	Scientific Session	Chair: A Vargas
14:30 – 14:50	Break	
14:50 – 15:20	<b>Keynote Lecture</b>	<b>Chair: A Sohaib</b>
	Harnessing the human genome	A George
15:20 – 16:20	<b>Case-based Workshop</b>	
15:20 – 15:50	PI-RADS v2.1	J Barentsz
15:50 – 16:20	Extra-visceral soft tissue masses in the retroperitoneum and abdomen	C Messiou
16:20 – 16:40	Break	
16:40 – 18:10	<b>Oncological Imaging: Practical Approach - Diagnosis</b>	<b>Chair: A Sahdev</b>
16:40 – 17:00	Indeterminate adrenal lesions	A Sahdev
17:00 – 17:20	Pancreatic cystic lesions	G Morana
17:20 – 17:40	Cystic renal masses	H Chandarana
17:40 – 18:00	Indeterminate splenic masses	K Elsaves
18:00 – 18:10	Questions & Discussion	

## Monday 20 September 2021

TIME	SUBJECT	SPEAKER
13:00 – 14:30	<b>State of the Art Oncological Imaging: Imaging Techniques</b>	<b>Chair: Conor Collins</b>
13:00 – 13:20	Contrast enhanced ultrasound and hepato-cellular carcinoma	O Lucidarme
13:20 – 13:40	Spectral and dual energy CT in oncology	T Persigehl
13:40 – 14:00	Clinical applications of new MRI technologies in oncology	E Scurr
14:00 – 14:20	Contrast media for liver MRI - when, what and how?	B Taouli
14:20 – 14:30	Questions & Discussion	
14:00 – 14:30	Scientific Session	Chair: A Vargas
14:30 – 14:50	Break	
14:50 – 15:20	<b>Keynote Lecture</b>	<b>Chair: A Sohaib</b>
	Seeing is Believing	E Mayer
15:20 – 16:20	<b>Oncological Imaging: Practical Approach - Response Assessment</b>	<b>Chair: A Rockall</b>
15:20 – 15:40	Commonly asked questions about RECIST 1.1	A Rockall
15:40 – 16:00	Which immune response criteria should we use?	L Schwartz
16:00 – 16:20	Rectal cancer: assessing neo-adjuvant treatment response	K Jhaveri
16:20 – 16:40	Break	
16:40 – 18:10	<b>Oncological Imaging: Practical Approach - Staging</b>	<b>Chair: S Vinnicombe</b>
16:40 – 17:00	Lung cancer staging: pitfalls and challenges	T McLoud
17:00 – 17:20	Risk-based prostate cancer staging	G Petralia
17:20 – 17:40	FIGO staging: strength and limitations	R Forstner
17:40 – 18:00	Strategies in breast cancer staging	S Vinnicombe
18:00 – 18:10	Questions & Discussion	

### Residents' Corner: On-Demand Stream

- 1 Staging head and neck cancer
- 2 Chemo/immunotherapy toxicity in the chest
- 3 MR imaging of bladder carcinoma
- 4 Artificial intelligence in gynaecology oncology imaging
- 5 Delivering the impacts of MRI-directed pathway for prostate cancer diagnosis
- 6 Solid pancreatic masses
- 7 Focal liver lesions on MRI
- 8 Pitfalls to avoid in determining progressive disease in body oncology
- 9 Open access labelled data to advance machine learning research in Cancer Imaging

A King  
N Sverzelatti  
D-M Koh  
G Lin  
A Padhani  
G Morana  
K Elsaves  
J Goldin  
F Prior

## Tuesday 21 September 2021

TIME	SUBJECT	SPEAKER
13:00 – 14:30	<b>State of the Art Oncological Imaging: Radiation Therapy</b>	Chair: A Padhani
13:00 – 13:20	How radiotherapy has changed in the last decade	J Murray
13:20 – 13:40	MR Linac: Radiotherapy of the future	A Tree
13:40 – 14:00	Imaging following SBRT for HCC and liver metastases	L Grazioli
14:00 – 14:20	Targeted therapies in nuclear medicine	J Kunikowska
14:20 – 14:30	Questions & Discussion	
14:00 – 14:30	Scientific Session	Chair: A Vargas
14:30 – 14:50	Break	
14:50 – 15:20	<b>Keynote Lecture</b>	Chair: A Van Den Abbeele
	Cancer Survivorship - Imaging Implications	R Huddart
15:20 – 16:20	<b>Case-based Workshop</b>	
15:20 – 15:50	Colorectal MRI	G Brown
15:50 – 16:20	CT/MR LI-RADS	J Heiken
16:20 – 16:40	Break	
16:40 – 18:10	<b>State of the Art Oncological Imaging: Surgical &amp; Focal Therapies</b>	Chair: S Diederich
16:40 – 17:00	Microwave ablation in lung cancer and metastases: when and why	S Diederich
17:00 – 17:20	Imaging for minimally invasive surgical techniques	B Gebauer
17:20 – 17:40	Intra-tumoural immunotherapy	N Fotiadis
17:40 – 18:00	Ablation/Irreversible electroporation	M D'Onofrio
18:00 – 18:10	Questions & Discussion	

## Wednesday 22 September 2021

TIME	SUBJECT	SPEAKER
13:00 – 14:30	<b>State of the Art Oncological Imaging: Lymphoma</b>	Chair: W Oyen
13:00 – 13:20	WHO classification - implication for imaging	M Mayerhoefer
13:20 – 13:40	Advances in lymphoma therapy	S Iyengar
13:40 – 14:00	Response assessment in lymphoma	W Oyen
14:00 – 14:20	Extra nodal manifestation of lymphoma in the abdomen	I Francis
14:20 – 14:30	Questions & Discussion	
14:30 – 14:50	Break	
14:50 – 15:10	<b>Awards and Presentations</b>	Chair: A Sohaib
	ICIS Gold Medal Citation	
	Oral and Poster Prize Announcements	A Vargas
	Handing over Presidency	A Sohaib / A Van Den Abbeele
15:10 – 16:20	<b>Oncological Imaging: Practical Approach - Mimics of Malignancy</b>	Chair: D MacVicar
15:10 – 15:30	Lung and pleura	L Frank
15:30 – 15:50	Pancreas	M Bali
15:50 – 16:10	Adnexa	G Masselli
16:10 – 16:20	Questions & Discussion	
16:20 – 16:40	Break	
16:40 – 18:10	<b>Oncological Imaging: Practical Approach</b>	Chair: E Sala
16:40 – 17:00	Paediatric oncological emergencies	K McHugh
17:00 – 17:20	Brain haemorrhage/drug induced encephalopathy	G Morana
17:20 – 17:40	Imaging of liver metastases and impact on clinical management	D-M Koh
17:40 – 18:00	Staging of uterine malignancies and the impact on treatment selection and planning	E Sala
18:00 – 18:10	Questions & Discussion	
18:10	Meeting Closes	

### Accreditation:

Royal College of Radiologists – 18 CPD credits will be awarded for the four-day course according to the CPD scheme of the Royal College of Radiologists.

European Accreditation Council for Continuing Medical Education (EACCME) accreditation has been applied for. EACCME European CME Credits (ECMEC®s) can be converted to AMA PRA Category 1 Credit™ by applying to the AMA. Personal certificates can be generated following completion of the ICIS 2021 daily online feedback form.

# Faculty

## ICIS Fellows

Maria Antonietta Bali (Brussels)  
Jelle Barentsz (Nijmegen)  
Hersh Chandarana (New York)  
Conor Collins (Dublin)  
Mirko D'Onofrio (Verona)  
Stefan Diederich (Düsseldorf)  
Khaled Elsayes (Houston)  
Rosemarie Forstner (Salzburg)  
Isaac Francis (Ann Arbor)  
Luba Frank (Wisconsin)  
Bernhard Gebauer (Berlin)  
Jonathan Goldin (Santa Monica)  
Richard Gore (Evanston)  
Luigi Grazioli (Brescia)  
Jay Heiken (Rochester)  
Kartik Jhaveri (Toronto)  
Ann King (Hong Kong)  
Jolanta Kunikowska (Warsaw)  
Dow-Mu Koh (Sutton)  
Gigin Lin (Taipei)  
Olivier Lucidarme (Paris)  
David MacVicar (London)

Theresa McCloud (Boston)  
Kieran McHugh (London)  
Gabriele Masselli (Sapienza)  
Marius Mayerhoefer (New York)  
Christina Messiou (London)  
Giovanni Morana (Genoa)  
Giovanni Morana (Treviso)  
Wim Oyen (Arnhem)  
Anwar Padhani (London)  
Thorsten Persigehl (Cologne)  
Giuseppe Petralia (Milan)  
Fred Prior (Arkansas)  
Andrea Rockall (London)  
Anju Sahdev (London)  
Larry Schwartz (New York)  
Aslam Sohaib (London)  
Evis Sala (Cambridge)  
Nicola Sverzellati (Parma)  
Bachir Taouli (New York)  
Annick Van Den Abbeele (Boston)  
Alberto Vargas (New York)  
Sarah Vinnicombe (Cheltenham)

## Invited Faculty

Elizabeth Bancroft (London)  
Gina Brown (London)  
Nicos Fotiadis (London)  
Angela George (London)  
Helen Hanson (London)  
Robert Huddart (Sutton)  
Sunil Iyengar (London)  
Zoe Kemp (London)  
Erik Mayer (London)  
Julia Murray (London)  
Erica Scurr (Sutton)  
Alison Tree (London)

## Scientific Committee

Alberto Vargas (New York) (Chair)  
Stephanie Nougaret (Montpellier)  
Nishat Bharwani (London)  
Hersh Chandarana (New York)  
Marius Mayerhoefer (New York)

## Registration and full meeting details available at:

[https://www.icimatingsociety.org.uk/annual\\_meeting\\_registration](https://www.icimatingsociety.org.uk/annual_meeting_registration)

Join us for our first virtual annual teaching course! There will be opportunities to interact with faculty during Q&A and the case-based workshop sessions; and test your knowledge with polling during the 'Practical Approach' sessions and workshops! Programme times shown are BST (British Summer Time).

## Important Information:

Registration will not be confirmed until full payment has been received. Registration includes access to the four days' live-stream, parallel sessions featuring scientific presentations, a dedicated area of the meeting website to view the scientific and educational posters, and additional pre-recorded on-demand lectures covering a variety of topics. All meeting content will be available to access as part of the registration fee until 31st December 2021. Full terms & conditions are available online.

**The ICIS 2022 Annual Teaching Course will be held in October 2022, under the Presidency of Dr Annick Van Den Abbeele – see details at [icimatingsociety.org.uk](https://www.icimatingsociety.org.uk)**

## Acknowledgement

ICIS wish to thank the following companies who are supporting the 20th Annual Teaching Course – our corporate sponsors Siemens Healthineers, INFINITT and Guerbet, as well as Bayer, Bracco, GE & Mint Medical.