

BIR ANNUAL CONGRESS 2020

4–6 November 2020
Virtual event



#BIRAC20

BIR Annual Congress 2020

The BIR Annual Congress continues to grow. After being sold-out consecutively in 2018 and 2019, we are back this year with four exciting streams that offers a comprehensive programme on the latest innovations in imaging and treatment to medical imaging professionals and their senior management teams.

Taking place over three half days with a mix of four streams, the virtual event provides excellent opportunities to engage and interact with attendees, speakers and industry representatives in an open and relaxed format.

Who should attend?

This multidisciplinary event will appeal to anyone within radiology, radiation oncology and the underlying sciences, including radiologists, physicists, radiology managers, radiographers, oncologists, clinical scientists, physicians, heads of department, decision makers, radiation protection advisers and supervisors.

Five reasons to attend

1. Enhance your knowledge
2. Hear from experts in the field
3. Network with colleagues and peers
4. Extensive ePoster exhibition
5. Meet industry representatives

Back to the future

CPD credits

The full three-days of Congress is worth up to 18 CPD credits in total:

Day 1 = 4 CPD credits

Day 2 = 6 CPD credits

Day 3 = 3 CPD credits

The pre-congress sessions are worth 1 CPD credits each. You will be required to complete a self-reflection for each of these sessions to claim your CPD credits.

ePosters

We once again see the return of electronic posters but in an online format, which can be viewed anytime from a computer, laptop or mobile device.



Headline sessions

The BIR Sir Godfrey Hounsfield lecture and awards

Dr Clare Gerada

Medical Director

Practitioner Health Programme

Wednesday 4 November 13:35



The BIR/Canon Memorial lecture

Professor Evis Sala

Professor of Oncological Imaging

University of Cambridge

Friday 6 November 15:20



Pre-Congress sessions

Monday 26 October ONCOLOGY

13:00	Update on novel diagnostic and therapeutic tracers Professor Gary Cook, Professor of PET Imaging, King's College London
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Tuesday 27 October PATIENT PROTECTION: NEW TECHNIQUES, TECHNOLOGIES AND STANDARDS

13:00	Medical Physics Expert – from best practice to expected practice, the new norm Mr Matthew Dunn, Head of Radiation Physics, Nottingham University Hospitals NHS Trust
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Wednesday 28 October ARTIFICIAL INTELLIGENCE – THE IMPACT AND IMPLICATIONS FOR THE WORKFORCE

13:00	Title to be confirmed Dr Hugh Harvey, Director, Hardian Health
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Thursday 29 October LEADERSHIP AND WELLBEING

13:00	Title to be confirmed Speaker to be confirmed
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Friday 30 October ONCOLOGY

13:00	Update in immunotherapy – what the radiologist needs to know Dr Alison Tree, Consultant Clinical Oncologist, The Royal Marsden NHS Foundation Trust
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Monday 2 November ARTIFICIAL INTELLIGENCE – INDUSTRY PERSPECTIVE

13:00	Title to be confirmed Dr George Langs, Chief Scientist and Co-Founder, contextflow
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Tuesday 3 November INNAUGURAL SESSION

19:00	Radiology 2020 : Looking back and lessons learned for the future Dr Vijay Rao, President, Radiological Society of North America (RSNA)
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Wednesday 4 November

LEADERSHIP AND WELLBEING

13:30 **President's welcome and introduction**

Dr Sridhar Redla, Consultant Radiologist, Princess Alexandra Hospital NHS Trust

13:35 **BIR Awards**

13:40 **The BIR Sir Godfrey Hounsfield lecture and awards: 'Leadership during crisis'**

Dr Clare Gerada, Medical Director, Practitioner Health Programme

14:40 **Break**

Chair: Dr Elizabeth Loney and Dr Teik Choon See

14:50 **Radiology services – tipping the balance**

Mr Chris Kalinka, President Elect, Society of Radiographers

15:20 **Difficult professional interactions during COVID-19**

Dr Sarah Coope, Senior Medical Educator; and Dr James Thorpe, Medicolegal Consultant, Medical Protection Society

15:50 **Medical professionalism**

Professor Jane Dacre, Professor of Medical Education and Director, University College London Medical School

16:20 **Break**

16:30 **Burnout plus Covid-19 = A toxic combination for the medical profession**

Dr Susie Hunt, Professional Wellbeing and Clinician Support, Cambridge University Hospitals NHS Foundation Trust

17:00 **A doctor's story**

Professor Henrietta Bowden-Jones OBE, Director, National Problem Gambling Clinic

17:30 **Talk title to be confirmed**

RCR Support and Wellbeing Group

18:00 **Close of day**

Thursday 5 November

ARTIFICIAL INTELLIGENCE – THE IMPACT AND IMPLICATIONS FOR THE WORKFORCE / PATIENT PROTECTION: NEW TECHNIQUES, TECHNOLOGIES AND STANDARDS

13:30 **President's welcome and introduction**

Dr Sridhar Redla, Consultant Radiologist, Princess Alexandra Hospital NHS Trust

Session 1: Artificial intelligence – the impact and implications for the workforce

Chair: Dr Hugh Harvey and Dr Sridhar Redla

13:35 **AI in radiography**

Professor Maryann Hardy, Professor of Radiography and Imaging Practice Research, University of Bradford

14:05 **AI in radiotherapy**

Dr Raj Jena, Group Leader, Machine Learning and Radiomics in Radiation Therapy, University of Cambridge

14:35 **Validation and deployment of AI – resourcing and workforce considerations for NHS Trusts**

Mr Simon Harris, EMRAD Senior Project Manager, East Midland Radiology (EMRAD) Consortium; and Dr Jonathan James, Consultant Radiologist, Nottingham Breast Institute

15:05 **Break**

15:15 **Title to be confirmed**

Mr Dominic Cushnan, Special Advisor (AI and Digital Health), NHSX

15:45 **COVID deployments in Italy and France**

Qure.ai

16:00 **Increased quality with AI**

Dr Gareth Davies, UK Medical Director and Head of Body Section, Europe, Telemedicine Clinic

16:15 **Scalable augmentation of non-radiologist clinicians for point of care radiology**

Dr Matthew Lungren, Assistant Professor of Radiology, Stanford University Medical Centre

17:00 **Break**

Session 2: Patient protection: New techniques, new technologies and standards

Chair: Mr Andy Rogers

18:30 **Patient Pb protection – the new guidelines**

Mr Peter Hiles, Head of Radiation Physics, Glan Clwyd District General Hospital

19:00 **Patient Pb protection – a radiographer's perspective**

Professor Mark McEntee, Professor of Diagnostic Radiography, University College Cork, Ireland

19:30 **Break**

19:40 **CQC inspections: Expectations and consequences for quality control, optimisation and radiographer knowledge**

Miss Rachael Ward, Inspection Manager IR(ME)R, Care Quality Commission

20:10 **Health and Safety Executive inspections: Feedback on findings**

Mr Stewart Robertson, HM Principal Specialist Inspector of Health and Safety (Radiation), Health and Safety Executive

20:40 **Close of day**

Friday 6 November

ONCOLOGY

13:30 **President's welcome and introduction**

Dr Sridhar Redla, Consultant Radiologist, Princess Alexandra Hospital NHS Trust

Chair: Christina Messiou

13:35 **Whole body MRI in myeloma – MY-RADS**

Dr Christina Messiou, Consultant Radiologist, The Royal Marsden NHS Foundation Trust

14:05 **Whole body MRI in metastatic bone disease – MET-RADS**

Professor Anwar Padhani, Consultant Radiologist, Paul Strickland Scanner Centre

14:35 **Quantitative whole body MRI**

Professor Dow-Mu Koh, Consultant Radiologist in Functional Imaging, The Royal Marsden NHS Foundation Trust

15:05 **Break**

15:15 **BJR Awards**

15:20 **The BIR/Canon Memorial lecture: 'Integrated radiogenomics for virtual biopsy and treatment monitoring in ovarian cancer'**

Professor Evis Sala, Professor of Oncological Imaging, University of Cambridge

16:20 **Close of Congress**

BIR ANNUAL CONGRESS 2020

Reviews from BIR Annual Congress 2019

“The event was well organised and venue was superb. The speakers were excellent who were successful in creating a great impact in mind of audience. The topics were relevant to day to day practice.”

“Good range of topics, well delivered, reinforced my knowledge, even where one already knew the facts it’s reassuring to have this confirmed and reinforced, also picked up some useful take-home points. Very pleasant and informative day.”

“Pleasant atmosphere; good learning environment.”

“The topics were very attractive and the different speakers very good. I particularly enjoyed the abdominal imaging and chest radiotherapy lectures.”

“This was yet again an excellent congress. With three so good streams it is difficult to choose between them.”

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