



COVID-19 IMAGING: PART 2

Virtual event

CPD: 3 CREDITS

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Following on from part 1, 'COVID-19 imaging: Part 2' will cover extra thoracic manifestations and also explore some interesting COVID-19 cases from a leading London Hospital. It will look at the impact of the virus on non-COVID imaging pathways such as chest and acute care. There will also be input from an immunologist expert in viral lung disease. There will be plenty of opportunities to ask questions of the various speakers.

Questions moderated by Dr Nicholas Screaton, Consultant Cardiothoracic Radiologist, Papworth Hospital NHS Foundation Trust

13:30	Introduction and background Dr Sridhar Redla, Honorary Secretary, President Elect, British Institute of Radiology	15:20	Break
13:35	Immunopathogenesis of COVID-19 Professor Peter Openshaw, Respiratory Physician and Mucosal Immunologist, Imperial College London	15:30	Extra thoracic manifestations of COVID-19 Dr Mary Roddie, Consultant Radiologist, Imperial College Healthcare NHS Trust
14:05	Q and A	15:55	Q and A
14:15	Impact on acute care and radiology services Dr Emer Sutherland, Clinical Director - Emergency Medicine and Honorary Senior Lecturer; Major Trauma Consultant, King's College Hospital NHS Foundation Trust and Dr Keshthra Satchithananda, Consultant Radiologist and Director of Southeast London Breast Screening Program, King's College Hospital NHS Foundation Trust	16:05	COVID-19 case studies Professor Simon Padley, Professor of Practice, National Heart and Lung Institute, Imperial College London; Consultant Radiologist, The Royal Brompton and Harefield NHS Foundation Trust and Professor Sujal Desai, Professor of Practice, National Heart and Lung Institute, Imperial College London; Consultant Radiologist, The Royal Brompton and Harefield NHS Foundation Trust
14:40	Q and A	16:35	Q and A
14:50	Impact on coronary pathways Dr Will Davies, Consultant Interventional Cardiologist, Royal Papworth Hospital	16:45	Close of event
15:10	Q and A		

This course provides 3 CPD credits in accordance with the CPD Scheme of the Royal College of Radiologists

Biographies



Dr Will Davies, Consultant Interventional Cardiologist, Royal Papworth Hospital

Dr Will Davies is a Consultant Cardiologist at Royal Papworth Hospital with specialist interests in percutaneous coronary intervention for coronary artery disease and structural intervention for degenerative valvular disease.

Dr Davies graduated from the University of Sheffield in 1998, gaining clinical distinctions and prizes at Final MB ChB. He then undertook training in Cardiothoracic Surgery, and was awarded Membership of the Royal College of Surgeons in 2001. During his period of surgical training, Dr Davies was appointed as the William J von Liebig Scholar in Cardiothoracic Transplantation at the Mayo Clinic, USA where he studied towards a Doctor of Philosophy research degree. His work on the role of circulating progenitor cells post cardiac transplantation led to him being honoured with the Mayo Clinic and Foundation Award for Individual Excellence.

Having experienced first-hand the exciting advances in minimally invasive valve therapies whilst in the US, Dr Davies undertook cardiology training within the Eastern Deanery and gained Membership of the Royal College of Physicians in 2009. His Fellowship at St Thomas' Hospital, London afforded him the opportunity to work alongside the pioneers in the field of minimally-invasive heart valve implantation.

Dr Davies's unique training in both cardiac surgery and cardiology allows him to understand the relative strengths and weaknesses of both specialties when dealing with the patient with complex cardiac pathology.



Professor Sujal Desai, Professor of Practice (Thoracic Imaging), National Heart and Lung Institute, Imperial College London; Consultant Radiologist, The Royal Brompton and Harefield NHS Foundation Trust

Professor Sujal Desai is a Consultant Radiologist at Royal Brompton and Harefield NHS Foundation Trust. Dr Desai trained in medicine at the University of London and in radiology at King's College Hospital and the Royal Brompton Hospital.

Biographies



Professor Peter Openshaw, Respiratory Physician and Mucosal Immunologist, Imperial College London

Professor Peter Openshaw is a Respiratory Physician and Mucosal Immunologist, studying how the immune system both protects against infection but also causes disease. He has worked on RSV and influenza since the mid-1980s, leading a large Wellcome Trust funded consortium ('MOSAIC') to investigate the pathogenesis of human influenza in 2009-12. He is vice-Chair of NERVTAG, a Department of Health committee horizon-scanning for emerging respiratory threats; he directs MRC and EU-funded studies of human volunteers infected with RSV and influenza and HIC-Vac, an international consortium that promotes the use of human challenge to accelerate vaccine development. He is Theme Lead for Infection in Imperial Biomedical Research Centre, Respiratory Infections Section Head within the National Heart and Lung Institute. He co-leads ISARIC4C, a UK-wide consortium established in 2020 to study the COVID-19 pandemic.



Professor Simon Padley, Professor of Practice (Diagnostic and Interventional Radiology), National Heart and Lung Institute, Imperial College London; Consultant Radiologist, The Royal Brompton and Harefield NHS Foundation Trust

Professor Simon Padley is a Consultant Radiologist at the Royal Brompton Hospital and Professor of Practice (diagnostic and interventional radiology), Imperial College London. Professor Padley leads the lung cancer imaging plus the interventional and cardiac CT service at the Royal Brompton Hospital. He specialises in thoracic and vascular imaging and intervention.



Dr Sridhar Redla, Honorary Secretary, President Elect, British Institute of Radiology

Dr Sri Redla is currently BIR Honorary Secretary and is a Consultant Radiologist and the Clinical Lead for the AI Assurance Board, helping the Trust with the Digital strategy at Princess Alexandra Hospital, Harlow. Dr Redla was Chair of the Clinical Imaging Special Interest Group (SIG) at the BIR and has taken an active lead in supporting special interest group and branches. He has also played a vital role in helping to develop and grow the BIR Annual Congress. Dr Redla was the College Tutor for Radiology at Princess Alexandra Hospital, Harlow and a member of the East of England Deanery Radiology Training Committee between 2004 and 2007. He has taken on various management roles in his Trust from 2007.



Dr Mary Roddie, Consultant Radiologist, Imperial College Healthcare NHS Trust

Dr Mary Roddie is a Consultant Thoracic Radiologist from London with a major interest in group learning from error and exemplary practice as well as the development of electronic teaching material for shared learning. She was the inaugural convenor of the Radiology Events and Learning programme at Imperial College Healthcare NHS Trust and chaired the READ panel (now the REAL panel) of the Royal College of Radiologists from 2016 to 2019. She is past secretary of the British Society Thoracic Imaging and is currently chair of the Fellowship Examination Committee of the RCR.

Biographies



Dr Keshthra Satchithananda, Consultant Radiologist and Director of Southeast London Breast Screening Program, King's College Hospital NHS Foundation Trust

Dr Keshthra Satchithananda is a Consultant Radiologist with a special interest in Breast and Musculoskeletal Imaging, at King's College Hospital. She is also Honorary Senior Lecturer at King's College, London. She is the Director of Breast Screening for the South East London Breast Screening Program and National Training Center. She is a radiology Clinical Professional Advisor (CPG) for Quality Assurance in PHE South Region.



Dr Nick Screaton, Consultant Cardiothoracic Radiologist, Papworth Hospital NHS Foundation Trust

Dr Nick Screaton is a Consultant Cardiothoracic Radiologist at Papworth Hospital Cambridge. His specific areas of interest are imaging in airways disease, interstitial lung disease, pulmonary hypertension and lung cancer screening. Nick has undertaken various roles in recent years including President of the British Society of Thoracic Imaging 2009-13, NICE committee work, representation on Specialised Imaging NCRG and guidelines development work with RCR, BTS and NICE. Nick is also Chair of the BIR's East of England Branch.

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A promotional graphic for a COVID-19 imaging event. It features a dark blue background with several stylized, glowing orange and yellow virus particles. In the center, a larger, more detailed virus particle is shown with green and blue internal structures. Overlaid on this is a white rectangular box containing text. In the top right corner of the graphic, there is a yellow rectangular box with black text. The BIR logo is in the bottom left corner of the graphic.

SAVE THE DATE!

**COVID-19 IMAGING: PART 3
FRIDAY 5 JUNE**

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