



RCSI FACULTY OF RADIOLOGISTS

Annual Scientific (*Virtual*) Meeting

2020

Imaging in Infection.

COVID 19 and other microbes.



Estimated CPD Credits:

Diagnostic Radiology: 12 CPD Credits TBC



Diagnostic Radiology Programme

Thursday 24th September

0855	Welcome Address, Dr Niall Sheehy, Dean, Faculty of Radiologists
0900	Scientific Session 1
1040	Coffee Break
1100	Practice Based Learning Presentations
1230	Lunch
1300	Practice Based Learning : Audit Presentations
1415	Coffee Break
1440	Scientific Session 2
1630	End of Day

Friday 25th September

0900	Welcome Address, Dr Niall Sheehy, Dean, Faculty of Radiologists
0910	Session 1: COVID 19 Pandemic Imaging and Implications
1130	Coffee Break
1145	Session 2: Registrars Prize
1235	Lunch break
1300	Session 3: Infections of Specific systems
1515	Coffee Break
1530	Session 4
1700	End of Day

Diagnostic Radiology Programme

Thursday 24th September

Estimated CPD Credits: 6 Credits

0855-0910	Welcome Address	Dr Niall Sheehy, Dean	Faculty of Radiologists
0910-1040	Scientific Session 1		
	Moderator:	Dr Patricia Cunningham	Louth Meath Hospital Group
0910-0920	Classification and Diagnostic Accuracy of Portable Chest Radiography in Suspected COVID-19	Andrew Yates	Mater Misericordiae University Hospital
0920-0930	Malignancy in contra-lateral lobe and role of surveillance US after hemithyroidectomy-only for differentiated thyroid cancer	Owen O'Brien	Glasgow Royal Infirmary
0930-0940	A Review of the Diagnostic Utility and Clinical Impact of After-Hours CT Imaging Ordered for General Surgery Inpatients	Sean-Tee Lim	Hawke's Bay Hospital, New Zealand.
0940-0950	Reporting of CT Sinuses: CLOSE to redundant?	Hershil Khatri	Ipswich Hospital, Australia
0950-1000	Diagnostic yield of CT Thorax, Abdomen and Pelvis (CT TAP) in patients with unexplained weight loss.	Roisin O'Cearbhaill	Beaumont Hospital
1000-1010	Celt ACD® vascular closure device- is it safe? A single center experience	Sami Francis	Belfast City Hospital
1010-1020	The reciprocal duty of care; a single institution review of Radiology reports	Michael Oyuga	Mater Misericordiae University Hospital
1020-1030	The Relationship Between Ultrasound Microcalcifications and Psammoma Bodies in Thyroid Tumours: A Single-Institution Retrospective Study	Eoghan O'Connor	University Hospital Galway
1030-1040	Analysis of outcomes of kyphoplasty as a treatment for traumatic	Donald Courtney	Galway University Hospital

	compression fractures; 5-year follow up of a consecutive series		
1040-1050	Q&A		
1050-1100	Coffee Break		
1100-1230	Practice Based Learning Presentations		
	Moderator:	Dr Gabrielle Colleran	Children's University Hospital
1100-1108	In acute uncomplicated type B aortic dissection, is endovascular repair superior to optimal medical treatment alone?	Ivan Welaratne	Mater Misericordiae University Hospital
1108-1116	In patients with liver metastases from uveal melanoma, which form of liver directed therapy confers greatest survival benefit?	Roisin MacDermott	St.Vincent's University Hospital
1116-1124	In patients with confirmed or suspected large vessel vasculitis, is MRI as good as US, CT or PET/CT in diagnosis and surveillance?	Arlene Weir	Cork University Hospital
1124-1132	Is CT TAP routinely indicated for patients with unprovoked pulmonary embolus?	Shane Davy	University Hospital Galway
1132-1140	Pre-operative CTA for patients undergoing DIEP flap reconstruction – does it actually help?	George Rahmani	University Hospital Galway
1140-1148	In patients with newly diagnosed colon cancer, is CT TAP the most suitable imaging modality for initial staging?	Michael Durand	St James's Hospital
1148-1156	In inoperable non-small cell lung cancer, is radiofrequency ablation as effective as stereotactic radiation therapy?	Louise Rice	St James's Hospital
1156-1204	Does pre-hydration prevent contrast-induced nephropathy in patients with renal impairment?	Aoife Lee <i>Winner</i>	Beaumont Hospital
1204-1212	Fielding Medal Presentation: Respirators and surgical facemasks for COVID-19: implications for MR imaging	Orla Murray <i>Winner</i>	University of Limerick
1212-1230	Q&A		
1230-1300	Lunch Break		

1300-1415		Practice Based Learning: Audit Presentations	
	Moderator:	Dr Rachel Ennis	University Hospital Galway
1300-1308	Audit of requests for urgent spinal MR Imaging in suspected Cauda Equina Syndrome (CES from the Emergency Department at St James's Hospital)	Johnny O'Mahony	St James's Hospital
1308-1316	Cleaning Up Our Act: An audit of Radiology workstation hygiene practices	Louise Rice	St James's Hospital
1316-1324	Sitting Ducks: An audit of occupational sedentary behaviour of Radiology Registrars at UCHG	Shane Davy	University Hospital Galway
1324-1332	Audit on CT neck standards	Marion Hanley	Beaumont Hospital
1332-1340	An audit to assess the current local performance with regard to conducting prostate MRI prior to first-time prostate biopsy in patients with clinically suspected prostate cancer	Laura Greene	University Hospital Waterford
1340-1348	An audit on the timing of IV antibiotic prophylaxis for transrectal ultrasound guided prostate biopsies	George Rahmani	University Hospital Galway
1348-1356	Audit of pulmonary nodule management pre and post implementation of a virtual pulmonary nodule clinic	Aoife Lee	Beaumont Hospital
1356-1404	Subscription vs. On-demand: Portable chest radiographs in the Intensive Care Unit	Francis Delaney <i>Winner</i>	Mater Misericordiae University Hospital
1404-1412	Q&A		
1412-1440	Coffee break		
1440-1630		Scientific Session 2	
	Moderator:	Dr Peter Ball	Royal Victoria Hospital
1440-1450	Pareidolia in radiology education: A randomised controlled trial of metaphoric signs in medical student teaching.	Brian Gibney	Mater Misericordiae University Hospital
1450-1500	Intravenous iodinated contrast material and Acute Kidney Injury:	Sophie Murphy	St Vincent's University Hospital

	Contrasting local practice with the latest evidence-based guidelines.		
1500-1510	Audit of Reporting Room Illumination: Keeping 20/20 Vision in the Dark	Sean-Tee Lim	University Hospital Limerick
1510-1520	Image Guided Percutaneous Renal Cryoablation in Belfast City Hospital.	Shane Dunnion	Belfast City Hospital
1520-1530	Gallbladder Polyp Surveillance: How frequently should we be scanning?	Ann T Foran	Beaumont Hospital
1530-1540	Is intravenous contrast of benefit in patients undergoing CT Colonography over 75 years of age?	Ann T Foran	Beaumont Hospital
1540-1550	Minimising radiation exposure during CT KUB	Elisha Ogbodo	Cork University Hospital
1550-1600	CT KUB: Do we really need to go that far?	Elisha Ogbodo	Cork University Hospital
1600-1610	COVID-19 Novel Chest X-ray scoring system and patient outcomes	Marion Hanley	Beaumont Hospital
1610-1620	Evaluation of CT chest as a screening tool for COVID-19 in surgical patients presenting to the Royal Victoria Hospital Emergency Department	Katherine O'Boyle	Royal Victoria Hospital
1620-1630	Q&A		
1630	End of Day		

Friday 25th September

Estimated CPD Credits: 6 Credits

0900-0910	Welcome Address	Dr Niall Sheehy, Dean	Faculty of Radiologists
0910-1130	Session 1: COVID 19 Pandemic Imaging and Implications		
	Moderator:	Dr Peter Ball	Royal Victoria Hospital
0910-0940	Chest Findings in COVID	Dr Arjun Nair	University College London Hospitals NHS Trust
0940-1010	Managing the Pandemic. The Northern Ireland Experience	Dr Michael McBride	Chief Medical Officer, Northern Ireland Dept of Health
1010-1040	COVID-19: It's all about the host	Dr Cliona Ni Cheallaigh	St James's Hospital

1040-1110	Barcelona Experience of COVID 19	Dr Oscar Persiva I.D.I.	Val D'Hebron Hospital Barcelona
1110-1130	Q+A		
1130-1145	Coffee break		
1145-1230	Session 2: Registrars Prize		
	Moderator:	Dr Peter Kavanagh	Connolly Hospital Blanchardstown
1145-1155	Deep learning for the assessment of acute stroke on cerebral angiogram and guidance of thrombectomy	Brendan S. Kelly	St Vincent's University Hospital
1155-1205	Utilisation of Lean Six Sigma Tools to Optimise Patient-Prep, Bed Occupancy, Cost and Throughput in a Busy IR Department	James Ryan	Mater Misericordiae University Hospital
1205-1215	Microwave Imaging in Breast Cancer – Results from the First-In-Human Trial of the Wavelia System	Brian Moloney	Galway University Hospital
1215-1225	Ultra-low-dose versus standard-dose Cone Beam Computed Tomography for the detection of extremity fractures.	Mark C. Murphy	Mater Misericordiae University Hospital
1225-1235	Combined Autologous Blood Patch with Rapid Needle-Out Patient-Rollover Technique following CT Fluoroscopy-guided Lung Biopsy Reduces the Incidence and Size of Pneumothoraces: A Single-arm Interventional Cohort Study	John A. Duignan	St Vincent's University Hospital
1235-1300	Lunch break		
1300-1515	Session 3: Infections of Specific Systems 1		
	Moderator:	Dr Carole Ridge	Royal Brompton Hospital
1300-1330	Mediastinum and Heart Infection	Dr John Kavanagh	Toronto General Hospital
1330-1400	GI	Dr Alison Corr	St Marks Hospital, LNWH trust
1400-1430	A case based approach to imaging of infection with nuclear medicine	Dr Jane Cunningham	Beaumont Hospital
1430-1500	Infections in Women's Imaging	Dr Sylvia O' Keefe	St James's University Hospital
1500-1515	Q+A		

1515-1530	Coffee break		
1530-1700	Session 4: Infection of Specific Systems 2		
	Moderator:	Dr Peter Beddy	St James's Hospital
1530-1555	Infection in MSK	Dr John Walsh	Vancouver General Hospital
1555-1620	Infection of the liver and Biliary Tract	Dr Lisa Lavelle	St Vincent's University Hospital
1620-1650	Elimination of Malaria in Africa	Prof Roly Gosling	Professor, Department of Epidemiology and Biostatistics and Director of the Malaria Elimination Initiative, University of California San Francisco
1650-1700	Q+A		
1700	Closing Remarks & Announcing of Prize Winners	Dr Niall Sheehy	Faculty of Radiologists

Diagnostic Radiology Poster Presentations

Control No. ASM 2020-DR-P-01

Blunt Renal Trauma over a Five Year Period: A Retrospective Pictorial Review

J.Lee, T.Anderson, W.Torreggiani, J.Finnegan, C.Barry.

Department of Radiology, Tallaght University Hospital, Dublin 24.

Control No. ASM 2020-DR-P-02

An audit of usage of computed tomography pulmonary angiography (CTPA) in investigation of suspected pulmonary embolism in Antrim Area Hospital.

S Dunnion, B Purcell, R Kelly, R Smyth

Department of Radiology, Antrim Area Hospital, Northern Ireland

Control No. ASM 2020-DR-P-05

Isolated Peri-ampullary metastasis from a Recurrent Endometrial Adenocarcinoma Presenting as Obstructive Jaundice: A Rare Metastatic Phenomenon

Eltaib Saad, Khalid Khalifa

Control No. ASM 2020-DR-P-06

A Closed-loop Audit on Standard Consent Documentation Practice for Interventional Radiological (IR) Procedures at a Regional Trust Hospital

Eltaib Saad, Martin Lynch

Control No. ASM 2020-DR-P-07

Recreational Drugs Use: A Rare Etiology of Pneumomediastinum in a Young Patient

Eltaib Saad, Khalid Khalifa

Control No. ASM 2020-DR-P-08

A Clinical Audit Of The Diagnostic Yield Of Chest Radiographs In Our General Practice

L O'Halloran, K Murphy

Westbury Medical Centre, Athea, Limerick

Control No. ASM 2020-DR-P-09

Abdominal X-Ray Are We Following The Guidelines

A.Suliman¹ , W.Benfayed² , S.Sarhan³

¹General Surgery Department, Naas General Hospital,Ireland

²Radiology Department,Naas General Hospital, Ireland

³General Surgery Department, Naas General Hospital,Ireland

Control No. ASM 2020-DR-P-10

An Assessment of New RAPID Software for Automated Evaluation of CT Cerebral Angiograms

E. O'Connor¹, J. Bruzzi², R. Nevin²

¹Pathology Department. University Hospital Galway. Newcastle Rd, Galway, H91 YR71.

² Radiology Department. University Hospital Galway. Newcastle Rd, Galway, H91 YR71.

Control No. ASM 2020-DR-P-11

Respirators and surgical facemasks for COVID-19: implications for MR imaging

Orla M. Murray^{1,2}, James M. Bisset², Patrick J. Gilligan², Margaret M. Hannan³, John G. Murray²

¹Present address: Graduate Entry Medical School, University of Limerick, Limerick City.

²Department of Radiology, Mater Private Hospital, Eccles Street, Dublin 7.

³Department of Microbiology, Mater Private Hospital, Eccles Street, Dublin 7.

Control No. ASM 2020-DR-P-12

Incidental unilateral right closed lip schizencephaly: case report and literature review

G, Ahmed¹, M, Alkareem²

¹Departments of Radiology, Royal Preston Hospital, Preston, UK

²Radiology Department, Tameside General Hospital, Manchester, UK

Control No. ASM 2020-DR-P-13

Predominantly-solid hemangioblastoma presenting as an intra and extra-axial CP angle lesion: case report and discussion

G Ahmed, U Sheikh, J Masri, A Joseph, H Sonwalkar

Radiology department, Royal Preston Hospital, Preston, UK

Control No. ASM 2020-DR-P-14

Intradural extramedullary spinal schwannoma with Intramedullary extension

G, Ahmed, H, Sonwalkar

Royal Preston Hospital, Preston, UK

Control No. ASM 2020-DR-P-15

Computed Tomography Colonography (CTC): Audit of request and reporting parameters

Marc, MOR, O' Reilly; Cathy, CD, Dewhurst; Marie, MS, Staunton

Department of Radiology, Mercy University Hospital, Cork CLG, Grenville Pl, Cork, T12 WE28.

Control No. ASM 2020-DR-P-16

Cataract risk and radiation safety in interventional radiology: a review and update

J.S. Kelly¹, R. Schlegel²

¹St James's Hospital, Dublin, Ireland

²Emergency and Trauma Centre, Alfred Health, Melbourne, Victoria, Australia

Control No. ASM 2020-DR-P-17

The impact of COVID-19 on multidisciplinary meetings (MDMs) in a tertiary hospital.

Dempsey PJ, Yates A, Power JW, Murphy MC, Murray JG.

Department of Radiology, Mater Misericordiae University Hospital, Dublin.

Control No. ASM 2020-DR-P-18

Lilliputian Hallucinations with Posterior Reversible Encephalopathy Syndrome as a first presentation of Takayasu's Arteritis

RM Dunne³, J Duignan¹, G McNeill¹, D Murphy¹, N Tubridy², JA Kinsella², TA Omer², L O'Neill³, R Killeen¹,

¹Department of Radiology, St. Vincent's University Hospital, Elm Park, Dublin

²Department of Neurology, St. Vincent's University Hospital, Elm Park, Dublin

³Department of Rheumatology & General Medicine, St. Vincent's University Hospital, Elm Park, Dublin

Control No. ASM 2020-DR-P-19

Social Media in Radiology: A Pictorial Review of A Modern Way of Teaching

Sean-Tee Lim¹, Eric Heffernan².

¹ University Hospital Limerick, Dooradoyle, Limerick, Ireland.

² St Vincent's University Hospital, 196 Merrion Road, Elm Park, Dublin, Ireland.

Control No. ASM 2020-DR-P-20

Subarachnoid Haemorrhage (SAH) – 'It's not always trauma' – Different Patterns and Aetiologies for SAH: A Pictorial Review.

E O'Neill¹, M Sheehan², D Herlihy², P Brennan², J Thornton², A O'Hare², S McWilliams², S Power², S Looby²

¹General Medicine, University Hospital Kerry

²Department of Radiology, Beaumont Hospital Dublin

Control No. ASM 2020-DR-P-21

A Retroperitoneal Arteriovenous Malformation: A Rare Cause of Proximal Lower Limb DVT

B Sheehy, S Gregg, T Higgins, General Medicine

University Hospital Kerry, Tralee, Co Kerry

Control No. ASM 2020-DR-P-22

Not all is, as it seems; the first appearance deceives many

RM Dunne², J Duignan¹, O Collins², E Kelly², G McNeill¹

¹Department of Radiology, St. Vincent's University Hospital, Dublin

²Department of Acute & General Medicine, St. Vincent's University Hospital, Dublin

Control No. ASM 2020-DR-P-23

CT Screening for occult malignancy in unprovoked venous thromboembolism (VTE) in a tertiary centre: Is it worthwhile?

Lee R¹, ²Herlihy D, ²O'Neill DC, ¹Madden-Doyle L, ²Morrin M, ²Lee MJ

¹Dept. of Medicine Beaumont Hospital Dublin

²Dept. of Radiology Beaumont Hospital Dublin

Control No. ASM 2020-DR-P-24

An Eye for An I(MRT): A Challenging Case of Optic Nerve Sheath Meningioma

J. Diedrich, G. Rangasawmy, C. Faul

St. Luke's Radiation Oncology Network, Dublin

Control No. ASM 2020-DR-P-25

2020 Vision - Improving the radiological eye. A survey on teaching of radiology at undergraduate level.

S Pfister¹, Dr. M Courtney², Prof. J Meaney³

¹Department of Surgery, St. James's Hospital, Dublin

²Department of Radiology, CAMI, St. James's Hospital, Dublin

³Department of Radiology, St. James's Hospital, Dublin

Control No. ASM 2020-DR-P-26

Evidence Based Radiology in the age of Artificial Intelligence: PICO/DACO model

Brendan S Kelly 1,2, , Aonghus Lawlor 2, Ronan P Killeen 1,

St Vincent's University Hospital

Control No. ASM 2020-DR-P-27

Transjugular Intrahepatic Portosystemic Shunt (TIPS) Procedure: An Assessment of the Quality and Readability of Online Information

Sean-Tee Lim ¹, Logeswaran Selvarajah ², Martin Kelly ¹, Timothy Scanlon ²

¹ Department of Surgery, University Hospital Limerick, St Nessan's Rd, Dooradoyle, Co. Limerick

² Department of Radiology, University Hospital Limerick, St Nessan's Rd, Dooradoyle, Co. Limerick

Control No. ASM 2020-DR-P-28

CT manifestations of Acute vs Chronic Crohns Disease

Afreen Ameer Hussain¹, Arafat M Haris²

¹Accident and Emergency, Manchester Royal Infirmary, Manchester United Kingdom

²Diagnostic Gastro-radiology, Hyderabad India

Control No. ASM 2020-DR-P-29

CTB requests for alcohol associated falls by ED during the lockdown period for the SARS-CoV-2 pandemic

P.Tansey¹, H. Acton¹, S. Doran², P. Beddy³,

¹Medical SHO, St James's Hospital, Dublin 8.

²Radiology SpR, St James's Hospital, Dublin 8.

³Consultant Radiologist, St James's Hospital, Dublin 8.

Control No. ASM 2020-DR-P-30

Lower Limb Ultrasound for Deep Vein Thrombosis performed in Nenagh General Hospital MAU. Can clinical indications be more clearly defined?

K. O'Riordan¹, S.T. Lim¹, J. Noonan²

¹Department of Medicine, Nenagh General Hospital, Nenagh

²Department of Radiology, Nenagh General Hospital, Nenagh

Control No. ASM 2020-DR-P-31

Is there an increased incidence of pulmonary embolus in patients with COVID-19 infection?

AM Lee¹, D O'Neill¹ , N Ni Mhuircheartaigh¹, PM Logan¹, M Morrin¹; K Hurley² ,C Ottewill² , H O'Brien², MJ Lee¹

¹Department of Radiology, Beaumont Hospital, Dublin 9

²Respiratory Medicine, Beaumont Hospital, Dublin 9

Control No. ASM 2020-DR-P-32

Use of automated software in acute ischemic stroke detection and it's effect on timely referrals to an endovascular centre

Nour F, Alderson A, Thornton T, Paul Brennan, Alan O'Hare and Sarah Power

Beaumont Hospital, Beaumont, Dublin 9

Control No. ASM 2020-DR-O-15

The added benefit of the MRA sequence in follow-up MRI for rapid discharge TIA and stroke patients.

Dempsey PJ, Murphy MC, Marnane M, Murphy S, Kavanagh EC

Department of Radiology, Mater Misericordiae University Hospital

Control No. ASM 2020-DR-P-34

Intra & Extra-cranial Traumatic Vascular injuries: “The Subtle & Helpful Signs” - A Pictorial Review.

C Doyle, M Sheehan, D Herlihy, P Brennan, J Thornton, A O’Hare, S McWilliams, S Power, S Looby

Department of Radiology, Beaumont Hospital, Beaumont, Dublin 9

Control No. ASM 2020-DR-P-35

Non-Traumatic CSF Rhinorrhoea

Ronan G, Barry R, Fanning N, Merwick A

Cork University Hospital, Wilton, Cork