

Faculty of Radiologists and Radiation Oncologists

Annual Scientific Meeting

28th and 29th September 2023



Credits have been awarded by the Faculty of Radiologists:

Day 1: External CPD Credits 4

Day 2: External CPD Credits 5

Please note that CPD certificates will be forwarded during the week following the meeting



Annual Scientific Meeting
Radiation Oncology Programme
28th and 29th September 2023

Thursday 28th September
Professor Day

Visiting

Friday 29th September

09:30	Coffee and Meet the Professor	08:00	Poster Judging
10:00	Welcome and Introduction	09:00	Welcome and Introduction
10:10	Visiting Professor Lecture 1	09:05	St Luke's Research Medal Presentations
10:40	Visiting Professor Lecture 2	10:45	NCCP EBM Medal Winner Presentation
11:10	Coffee Break	10:55	Announcement of Winners of St Luke's Registrar Research Medal and SLRON Best Poster Medal
11:40	Visiting Professor Lecture 3	11:00	Coffee Break and Poster Viewing
12:10	Lunch Break and Meet the Professor	11:30	Educational Session 1
13:30	Clinical Fellowship/Observership Updates	12:40	Faculty of Radiologists and Radiation Oncologists Annual General Meeting
14:15	Coffee Break	13:10	Lunch Break and Poster Viewing
14:45	NCHD Case Presentations	14:00	Educational Session 2
15:55	Announcement of Winning NCHD Presentations and Close of Day	15:00	Coffee Break and Poster Viewing
		15:15	Clinical Fellowship/Observership Updates
		15:45	Visiting Professor Keynote Address
		16:30	Close of Meeting

Thursday
28th September 2023

Visiting Professor Day at
St. Luke's Hospital, Rathgar

MEETING OPENS

09:30-10:00	Coffee and Meet the Professor:	Prof Gerard Hanna	Belfast Health and Social Care Trust; Queens University Belfast
10:00	Welcome and Introduction	Prof Charles Gillham	Network Director, SLRON and Consultant Radiation Oncologist
10:10-12:15	Visiting Professor Lectures		
10:10	Drug and radiotherapy combinations: Perfect partners or a tango too far?	Prof Gerard Hanna	
10:40	Radiotherapy in the management of stage III NSCLC in the immunotherapy era	Prof Gerard Hanna	
11:10-11:40 Coffee Break			
11:40	Altered fractionation – is it time to say goodbye to 2 Gy per fraction?	Prof Gerard Hanna	
12:10-13:30 Lunch Break and Meet the Professor			
13:30-14:00	Clinical Fellowship/ Observership Updates (Virtual Live Presentations via Webex)	Moderator: Prof Sinead Brennan	Director, SLICR and Consultant Radiation Oncologist, SLRON
	Talk Title	Presenter	Hospital
13:30	Peter Mac Fellowship: A year with the lung & SABR teams in Peter Mac	Dr Neil Wallace	Clinical Fellow, Peter MacCullum Cancer Centre, Australia
13:45	QUB Fellowship: In vivo dosimetry in pelvic brachytherapy	Dr Orla Houlihan	Clinical Fellow, Queens University Belfast
14:00	Hollywood SLICR Travelling Observership: Proton therapy - the Swedish perspective	Dr Julianne O'Shea	Clinical Fellow, Peter MacCullum Cancer Centre, Australia

Thursday
28th September 2023

Visiting Professor Day at
St. Luke's Hospital, Rathgar

14:15-14:45 Coffee Break			
14:45-15:45 NCHD Case Presentations		Moderator: Dr Karen Olden, Senior SpR, SLRON	Judges: Prof Gerard Hanna, Prof Alex Boychak Dr.Jennifer Gilmore
	Talk Title	Presenter	Hospital
14:45	Radiotherapy to patient with TP53 mutation/Li-Fraumeni like syndrome	Dr Amir Nadzif	SLRON, Dublin
14:57	Radiotherapy planning challenges for sphenoid sinus carcinoma with intracranial extension	Dr Ayes ha Mushtaq	CUH, Cork
15:09	Bra instorming the diagnosis of SMART syndrome – a rare case report and literature review	Dr Akvile Kovanaite	SLRON, Dublin
15:21	SABR to ultra-central recurrent metastatic colorectal adenocarcinoma and long term followup	Dr Elvis Matini	SLRON, Dublin
15:33	Case of Li-Fraumeni syndrome with thyroid cancer, breast cancer and Pheochromocytoma	Dr Liam O'Connell	SLRON, Dublin
15:55 Announcement of Winner – NCHD Presentations and Close of Day			

Friday
29th September 2023

Poster Judging

St. Luke's Research Medal
Presentations

08:00-08:55		Poster Judging	Judges: Prof Gerard Hanna and Dr Martin Higgins. Prof Orla McArdle and Dr Jill Nicholson.	
MEETING OPENS		<i>Location: Cheyne Lecture Theatre, RCSI</i>		
09:00-09:05		Welcome and Introduction	Dr Martin Higgins	Consultant Radiation Oncologist, CUH
09:05-10:41		St Luke's Research Medal Presentations	Moderator: Dr Guhan Rangaswamy	Clinical Tutor, SLRON, Dublin
		Judges:	Prof Gerard Hanna, Prof Clare Faul, Dr Lorraine Walsh	
		Talk Title	Presenter	
09:05	Treatment of oropharyngeal cancer during lockdown – outcomes for patients treated during the pandemic		Dr Niall O'Dwyer	SLRON, Dublin
09:17	Simultaneous integrated boost in breast radiotherapy: Comparison of delineation methods		Dr Jennifer Trousdell	SLRON, Dublin
09:29	A retrospective analysis of clinical outcomes of patients with hepatocellular carcinoma diagnosed in the south of Ireland		Dr Jake Murphy	CUH, Cork
09:41	Radiation-induced pelvic insufficiency fractures and sacro-iliac joint optimisation in pelvic external beam radiotherapy		Dr Emer Herlihy	SLRON, Dublin
09:53	Clinical outcomes following stereotactic radiosurgery for EGFR mutated lung cancer brain metastases : A retrospective analysis		Dr Akvile Kovanaite	SLRON, Dublin
10:05	Optimal dose of radiotherapy for patients with confirmed internal mammary lymph node metastasis in breast cancer in the adjuvant setting: A systematic review		Dr Michelle Colfer	SLRON, Dublin

Friday
29th September 2023

St Luke's Research Medal
Presentations (continued)

NCCP Medal Winner
Presentation

Educational Session 1

Faculty of Radiologists and
Radiation Oncologists Annual
General Meeting

09:05-10:41	St Luke's Research Medal Presentations (continued)	<i>Location: Cheyne Lecture Theatre, RCSI</i>	
	Talk Title	Presenter	
10:17	Review of oropharyngeal cancer recurrences - how do they present?	Dr Niall O'Dwyer	SLRON, Dublin
10:29	Salvage LDR prostate brachytherapy for local recurrence following external beam radiotherapy: A single institution retrospective study	Dr Rebecca Geary	University Hospital Galway, Galway
10:45 – 11:00	NCCP EBM Medal Winner Presentation		
	Talk Title	Presenter	Hospital
10:45	The role of regional nodal irradiation in patients with node positive breast cancer who have undergone sentinel lymph node biopsy but not had a completion dissection	Dr Sinead Cleary	SLRON, Dublin
10:55	Announcement of Winners of St Luke's Registrar Research Medal and SLRON Best Poster Medal	Prof Gerard Hanna	Belfast Health and Social Care Trust; Queens University Belfast
11:00-11:30	Coffee Break and Poster Viewing	<i>Location: Examination Hall, RCSI</i>	
11:30-12:30	Educational Session 1	Moderator: Dr Moya Cunningham	Consultant Radiation Oncologist, SLRON
	Talk Title	Presenter	Hospital
11:30	Radiation cardiotoxicity in NSCLC - time for a change of heart	Dr Gerard Walls	Academic Clinical Lecturer in Clinical Oncology, Patrick G Johnston Centre for Cancer Research, Queens University Belfast
11:50	One and done: Single fraction extracranial SABR - why it should be put on the menu	Dr Ronan McDermott	Consultant Radiation Oncologist, UHG, Galway
12:10	Proton Therapy in Lung Cancer!	Dr Maeve Keys	Consultant Radiation Oncologist, SLRON, Dublin
12:40-13:10	Faculty of Radiologists and Radiation Oncologists Annual General Meeting		
13:10-14:00	Lunch Break and Poster Viewing	<i>Location: Examination Hall, RCSI</i>	

Friday
29th September 2023

Educational Session 2

Clinical Fellowship/Observership Updates

Visiting Professor Keynote Address

			<i>Afternoon Location: Cheyne Lecture Theatre, RCSI</i>
14:00-15:00	Educational Session 2	Moderator: Prof Jerome Coffey	Consultant Radiation Oncologist, SLRON
	Talk Title	Presenter	Hospital
14:00	IRROG Highlights	Prof Sinead Brennan And Ms Roisin O Maolalai	Director, SLICR and Consultant Radiation Oncologist, SLRON, Dublin Clinical Trials Project Manager, SLRON, Dublin
14:20	Recent Developments in SABR for early stage NSCLC	Prof Pierre Thirion	Consultant Radiation Oncologist, SLRON, Dublin
14:40	NCCP Update in Radiation Oncology	Prof Clare Faul	Clinical Advisor, NCCP and Consultant Radiation Oncologist SLRON,, Dublin
15:00-15:15	Coffee Break and Poster Viewing		<i>Location: Examination Hall, RCSI</i>
15:15-15:45	Clinical Fellowship/Observership Updates	Moderator: Prof Charles Gillham	Network Director, SLRON and Consultant Radiation Oncologist
	Talk Title	Presenter	Hospital
15:15	Hollywood SLICR Traveling Observership: MR-Linac at Princess Margaret Cancer Centre, Toronto	Dr Aisling M Glynn	SLRON, Dublin
15:30	Stereotactic MRI-guided daily adaptive radiotherapy: Oxford fellowship experience	Dr Killian Nugent	Clinical Fellow, Oxford University Hospital, UK
15:45-16:25	Visiting Professor Keynote Address	Moderator: Dr Martin Higgins	Consultant Radiation Oncologist, CUH
15:45	Radiotherapy research and development: Is this 'as good as it gets' or is it 'I still haven't found what I'm looking for?'	Prof Gerard Hanna	Belfast Health and Social Care Trust; Queens University Belfast
16:30	Meeting Close	Dr Martin Higgins	Consultant Radiation Oncologist, CUH

Poster Display List

Display No. 1

Financial implications of evolving breast cancer radiotherapy treatment protocols

D. Coyle, Beaumont Hospital, Dublin;

B. McClean, St. Luke's Radiation Oncology Network, Dublin; R. Woods, St. Luke's Hospital, Dublin; F. Duane, St. Luke's Hospital, Dublin; O. McArdle, St. Luke's Radiation Oncology Network, Dublin

Display No. 2

Unveiling the Hidden: Radiomic Insights into Parotid Gland Transformations During Radiotherapy for Xerostomia Prediction

Elizabeth Forde, M. Leech; L. Marignol, Applied Radiation Therapy Trinity (ARTT), Discipline of Radiation Therapy, School of Medicine, Trinity St. James's Cancer Institute, Trinity College Dublin

Display No. 3

Expert consensus for the prevention of osteoradionecrosis (ORN) in patients with head and neck cancer (HNC) treated with radiation therapy (RT).

Amara Naseer¹, Sinead Brennan², Denise McCarthy³, Eleanor O'Sullivan⁴, Michelle Leech¹

¹ Applied Radiation Therapy Trinity, Trinity St. James's Cancer Institute, Discipline of Radiation Therapy, Trinity College, Dublin ².

² St Luke's Radiation Oncology Network, Dublin

³ Dublin Dental University Hospital, Ireland

⁴ Cork University Dental Hospital, ENTO Research Unit, UCC

Display No. 4

A single-centre experience with HyperArc fractionated Stereotactic Radiosurgery [fSRS] for benign brain tumours

Holly E Hicks, M Samuji, L Barry, E Bennett, E Toomey, PJ Kelly

Bon Secours Radiotherapy Cork in partnership with UPMC Hillman Cancer Centre University College Cork

Display No. 5

A real-world intrafraction motion assessment of the Qfix Encompas™ mask

Erica Bennett, T O'Donovan, L Barry, PJ Kelly

Bon Secours Radiotherapy Cork in partnership with UPMC Hillman Cancer Centre University College Cork

Poster Display List

Display No. 6

A single-center experience of phase-gated lung Stereotactic Body Radiotherapy [SBRT]

Laura Barry, E Bennett, PJ Kelly, Bon Secours Radiotherapy Cork in partnership with UPMC Hillman Cancer Centre

Display No. 7

Silicone Ear bolus : A Less Ear-irritating Solution

Denise Carroll, Radiation Therapy, SLRON

C Malone, Medical Physics, SLRON; LO Neill, Medical Physics, SLRON; R Walsh, Radiation Therapy, SLRON; S Brennan, Radiation Oncology, SLRON; R Joyce, Radiation Oncology, SLRON

Display No. 8

Radiation Therapy Notes Standardisation in St. Luke's Radiation Oncology Network

L Donnelly (RT), B Smith (RT), M Daly (CSRT), S Traynor (CSRT), J Mulfaul (RT), H Fitzpatrick (RT).
R Woods (Dir of Rad Services) - all in St. Luke's Radiation Oncology Network

Display No. 9

Proton beam therapy in treating rhabdomyosarcoma in children: A systematic review.

Lauren Noonan, A. Devine, T. O'Donovan, A. Barry, M.F. McEntee, A. England

Medical Imaging and Radiation Therapy, School of Medicine, UG Assent, Brookfield Health Sciences, University College Cork, T12 AK54, Ireland

Display No. 10

The utility of a Stop-Motion Animation aid in providing information for patients undergoing radiation therapy treatment for thoracic cancers

Laura Delaney

T. O'Donovan, Medical Imaging and Radiation Therapy, School of Medicine, UG Assent, Brookfield Health Sciences, University College Cork

A. Devine, Medical Imaging and Radiation Therapy, School of Medicine, UG Assent, Brookfield Health Sciences, University College Cork

Dr. A. England, Medical Imaging and Radiation Therapy, School of Medicine, UG Assent, Brookfield Health Sciences, University College Cork

Prof. M. McEntee, Medical Imaging and Radiation Therapy, School of Medicine, UG Assent, Brookfield Health Sciences, University College Cork

Prof Aisling Barry, The Glandore Centre, Cork University Hospital

C. Harman, The Glandore Centre, Cork University Hospital

Dr Faisal Jamaluddin, The Glandore Centre, Cork University Hospital

Poster Display List

Display No. 11

The effectiveness of an educational intervention on young adults' perception of Radiation Therapy

Kate Murphy¹, A. Devine¹, T. O'Donovan¹, Dr. A. England¹, Prof. A. Barry^{1,2}, Prof. M.F. McEntee¹

¹ Discipline of Medical Imaging and Radiation Therapy, School of Medicine, University College Cork, Ireland.

² The Glandore Centre, Cork University Hospital, Wilton Road, Cork

Display No. 12

A retrospective review of risk factors associated with the development of osteoradionecrosis in Head and Neck cancer patients

Kathleen T Fitzgerald, Dr. Ciara Lyons^b, Dr. Andrew England^a, Prof. Mark F. McEntee^a, Annemarie Devine^a, Theresa O'Donovan^a, Prof Aisling Barry^{ab}, Dr. Eleanor O'Sullivan^{ac}
^a Brookfield Health Sciences, University College Cork, Cork, Ireland.
^b The Glandore Centre, Cork University Hospital Cork, Cork, Ireland.
^c Cork University Dental School & Hospital, Cork, Ireland.

Display No. 13

Health-Related Quality of Life in Long-Term Survivors of Childhood Medulloblastoma: A Systematic Review

Jennifer Delaney^a, T O'Donovan^a, A Devine^a, Prof M McEntee^a, Prof Aisling Barry^{ab}, Dr. Andrew England

^a Medical Imaging and Radiation Therapy, College of Medicine & Health, University College Cork, Ireland

^b Radiation Oncology Department, Cork University Hospital, Ireland

Display No. 14

Comparison of comparing free breathing and deep inspiration radiotherapy techniques in right-sided breast cancer- Is deep inspiration breath hold really necessary?

Emma Richardson^a A O Connell^b, R O'Rourke^b, Prof M. McEntee^a, Dr. A. England^a, A. Devine^a, T. O'Donovan^a, M. Roche^b, Prof A. Barry^{ab}, Dr. C. McGibney^b

^a University College Cork, College Rd, Cork, Ireland

^b The Glandore Centre, Cork University Hospital, Wilton, Cork, Ireland

Display No. 15

Perceptions of radiotherapy

Billy Cashman, T O Donovan, A Devine, Prof Mark McEntee, Prof A. Barry, Dr Andrew England
Medical Imaging and Radiation Therapy, College of Medicine & Health, University College Cork, Ireland

Poster Display List

Display No. 16

Surgical Clip Insertion in Patients Undergoing Radiotherapy Breast Boost at University Hospital Galway: An Audit

R Geary, R Noray, A Saud, J Martin.

University Hospital Galway, Galway

Display No. 17

Beyond the Brain: Unveiling Extra-Cranial Glioblastoma Multiforme - A Rare Case Report and Literature Review

Akvila Kovanaite, Aisling M Glynn, Guhan Rangaswamy, David Fitzpatrick

St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 18

An audit of humeral head doses among patients receiving locoregional radiotherapy for breast cancer in St Luke's Radiation Oncology Network (SLRON)

J. Trousdell, J. Nicholson, G. Rangaswamy, D. Coyle, F. Duane O. McArdle

St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 19

Clinical outcomes and patterns of recurrence in the treatment of locally advanced cervical cancer: A single institution experience

Aoiffe Magner, Bola Ofi, Laura Royo

Cork University Hospital, Cork

Display No. 20

Pelvic sarcoma following external-beam radiotherapy for prostate cancer (PCa)

Keith Geraghty, O Cullivan, K Keane, MK Ahmed, I Afridi, L Yap, C Cozman, J Keane, P

Daly. Department of Urology, University Hospital Waterford. C Lyons, D Hacking. Department of Radiation Oncology, UPMC Hillman Cancer Centre (Whitfield).

Poster Display List

Display No. 21

Paranasal Sinus Carcinoma – A 10-year single institution experience in St Luke's Radiation Oncology Network, Ireland

J. O'Shea, A.M. Glynn, G. Rangaswamy, M. Dunne, O'Boychak, N. El Beltagi, S. Brennan, O. McArdle

St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 22

Total Neoadjuvant Therapy (TNT) For Locally Advanced Rectal Cancer: South East Experience

N Hashim, A Azmi

UPMC Hillman Cancer Centre, Whitfield Hospital, Waterford

Display No. 23

Streamlining Thyroid Cancer Surveillance: Enhancing Service Quality and Workflow through Virtual Phone Consultation

Akvila Kovanaite, Jill Nicholson, Guhan Rangaswamy, Oleksandr Boychak, Clare Faul

St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 24

Radiotherapy in the elderly; do they receive and tolerate the same treatment as younger patients with cancer?

Claire Conlon, Lorna Keenan, Mary Dunne, Serena Brophy, Orla McArdle

St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 25

An Audit of Thromboprophylaxis Prescribing in Radiation Oncology inpatients in St. Luke's hospital

E. Herlihy, A. Kovanaite, A. Bennett, R. Wynne, C. Tynan, G. Rangaswamy, O. Boychak

St. Luke's Radiation Oncology Network (SLRON), Dublin

Poster Display List

Display No. 26

Management of a positive sentinel lymph node in breast cancer – patterns of care

John P Jones, D Coyle, A Boychak, J Coffey, J Gilmore, C Faul, O McArdle,
St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 27

Urinary Tract Infections in Patients Undergoing Frequent Urinary

Catheterisation for Brachytherapy: a case series

Aisling Finnegan, Jill Nicholson, Claire Gildea, Jennifer Gilmore
St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 28

Analysis of the challenges surrounding the delivery of cancer care to Ukrainian refugees – An Irish Hospital Experience

Karen Olden, C Moloney, Medical Oncology Dept, CUH, N Relihan, Breast Surgery CUH,
K Rock, Radiation Oncology Dept, CUH, F Kiely, Palliative Care, Marymount Hospice, J
Browne, Epidemiology & Public Health, University College Cork, L Regal, Cancer Research,
University College Cork, S O'Reilly, Medical Oncology Dept, CUH, A Barry, Radiation
Oncology Dept, CUH

Display No. 29

Implementation of New Electronic Clinical Tasks to Improve Patient Care

L. O'Connell, R. Woods, D. Browne, N. O'Dwyer, A. Bell, J. Trousdell, O. McArdle,
St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 30

Use of Radioactive Iodine in the management of thyroid cancer in those with Stage IV / V Chronic Kidney Disease; A single-centre experience

S. Horan, M. Higgins
Cork University Hospital, Cork

Display No. 31

Unmasking the potential limitations of Mean Heart Dose in Cardiotoxicity Prediction

Palak Sharma, Jill Nicholson, Guhan Rangaswamy, Oleksandr Boychak
St. Luke's Radiation Oncology Network (SLRON), Dublin

Poster Display List

Display No. 32

Requirement for acute inpatient care in a tertiary referral head and neck cancer radiotherapy treatment service

Aoife Bell, Jennifer Trousdell, Orla McArdle

St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 33

Prevention of trachea-oesophageal fistula in cervical oesophageal Squamous Cell Carcinoma - a novel chemo-radiotherapy approach

Sharon Chandrakanth, Clare Farrell, Guhan Rangaswamy, Brian O'Neill

St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 34

Head and neck cancers with synchronous primary cancers in Ireland- Case Series

L. O'Connell, N. O'Dwyer, F. Duane, S. Brennan, O. Boychak, N. Elbeltagi, J. Armstrong,

O. Mc Ardle

St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 35

Outcomes in older patients with oropharyngeal squamous cell carcinoma treated with radiotherapy with curative intent

D Browne, N O' Dwyer, J Burns,, M McNamara, O McArdle

St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 36

A baseline audit of Deep Inspiration Breath Hold use and Heart and Lung radiation doses in Breast Cancer Radiotherapy in a Multicentre Radiation Oncology Network

Elaine Quinlan, Gemma Farmer, Orla McArdle, Fran Duane

St. Luke's Radiation Oncology Network (SLRON), Dublin

Display No. 37

An Audit of Cardiopulmonary Resuscitation and DNAR Decision-Making and Documentation in Radiation Oncology Inpatients in St. Luke's Hospital

Emer Herlihy, Jill Nicholson, Guhan Rangaswamy, Oleksandr Boychak

St. Luke's Radiation Oncology Network (SLRON), Dublin



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