

ESTRO

Elizabeth Forde
Assistant Professor, RTT
Discipline of Radiation Therapy, Trinity College Dublin
Ireland

ESTRO background

My engagement within ESTRO is wide-reaching. I actively contribute to the Society's mission statement by fulfilling my educational responsibilities within the School, as well as contributing meaningfully to the research dialogue of the ESTRO community. In 2016 I was the only RTT to attend the Agora "future leaders" retreat as a participant, where we worked alongside senior members to redefine ESTRO's vision for the future. Below I have listed evidence of my engagement within ESTRO:

Key Items of Engagement within the ESTRO School

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|---------|---|
| Ongoing | Faculty member for the course in Advanced Skills for Modern Radiotherapy since 2014. Course Director as of 2020 |
| 2020 | Co-Director for the Special Multidisciplinary Contouring Workshop |
| 2020 | Co-Chair Online course in Thoracic Contouring |

Acted as FALCON Tutor/Co-tutor in Workshops

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|------|---|
| 2017 | Online course in Breast Cancer Contouring |
| 2016 | RTT Pre-meeting contouring course, Turin |
| 2015 | Online courses in Thoracic Contouring |

Acted as Local Organiser for ESTRO Courses

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| 2018 | Clinical Radiobiology, Dublin |
| 2017 | Multidisciplinary Management of Breast Cancer Course, Dublin |
| 2016 | ASMR Course, Dublin |

Invited Speaker at Annual Congress

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|------|---|
| 2019 | "Workload/clinic logistics, and not technical uncertainties, are the main barriers to widespread implementation of adaptive RT practice: Against the motion." ESTRO 38, Milan |
| 2015 | "Who Does What? The Increasing Role of the RTT." 3rd ESTRO Forum, Barcelona |

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2014 "In the era of CBCT, this house believes that electronic portal Imaging is obsolete: Against the motion." ESTRO 33, Vienna

Oral Presentations (peer reviewed) at Annual Congress

2018 Fitzpatrick L, Menezes G, Forde E, Mullaney L. Impact of environmental factors in IGRT image interpretation: RTT's opinions and perceptions. ESTRO 37, Barcelona, 2018

2015 Forde E, Booth J, Eade T, Kneebone A, Le Motte M, Leech M FSD measurements are obsolete when treating prostate IMRT and VMAT. 3rd. ESTRO Forum, Barcelona, 2015

Reviewer for Annual Congress and ESTRO Journals

Ongoing Manuscript Reviewer for publications in TipsRO

2019 Reviewer of RTT abstracts for ESTRO2020

2018 Reviewer of RTT abstracts for ESTRO 38

2017 Reviewer of RTT abstracts for ESTRO 37

Experience

With over 10 years of clinical experience I have worked as a Clinical Specialist RTT in Australia and Ireland. This senior role included the supervision and training of staff to ensure an efficient and safe clinical workflow. I was also responsible for the management of teams, both in treatment planning and on the treatment units where I lead and motivated staff during the busy working week. I oversaw quality assurance processes and regularly wrote and reviewed local policies and protocols to ensure best practice.

In my current academic role, I regularly display leadership when taking charge in the classroom and managing discussions within large student groups; challenging students to become independent, critical thinkers. My leadership skills have also facilitated my supervision of student research. These experiences have proved invaluable when I have taken the initiative to establish and maintain international collaborations for joint research projects. Finally, serving as council member for our national society in Ireland has enabled me to contribute to meaningfully to the profession of RTTs at a national level.

Education and Qualifications

Education

PhD Candidate, Trinity College Dublin

MSc, Trinity College Dublin (2015)

BAppSc, The University of Sydney (2001)

Research Interests

Treatment planning, Normal Tissue Damage, Quantitative imaging analysis, ART

Research Outputs (n=30)

h-index: 3

Citations: 51

Peer reviewed full papers: 12 (Maximum impact factor: 4.524)

Peer reviewed conference proceedings: 16

Invited speaker at conferences: 8

Grants Awarded: ESTRO Mobility Grant (2018), NSW Cancer Institute Clinical Study Tour (2010)

Top 5 Publications

Eade T, Guo L, Forde E et al., Image-guided dose-escalated intensity-modulated radiation therapy for prostate cancer: treating to doses beyond 78 Gy. *BJU International*. 2012. 109;(11):1655 – 1660

Nolan C and Forde E. A Review of the Use of Lipiodol and Gold Fiducials for Image Guided Bladder Radiotherapy. *Acta Oncologica*. 2016. 55;(5):533 – 538

Moore A and Forde E. A Dosimetric Evaluation of Threshold Bladder Volumes for Prostate Cancer Radiotherapy, *Journal of Medical Imaging and Radiation Sciences*. 2017

Mohan A and Forde E. Adherence to ICRU-83 reporting recommendations is inadequate in prostate dosimetry studies. *Practical Radiation Oncology*. 2018; 8(3):133-138

Forde E, Bromley R, Kneebone A, Eade T, A class solution for volumetric modulated arc therapy planning in post prostatectomy radiotherapy. *Medical Dosimetry*. 2014. 39;(3):261 – 265

Current Associated Professional Appointments and Memberships

Council Member and National Educational Representative: Irish Institute of Radiography and Radiation Therapy (IIRRT)

Member: Cancer Trials Ireland

Editorial board member: *Journal of Medical Imaging and Radiation Sciences*

IIRRT Representative and Member: MEDIRAD Stakeholder Forum

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Awards and Honours

Selected for the ESTRO Agora "future leaders" Meeting, 2016

Winner – Best Poster Award IIRT Conference 2016

Shortlisted – Trinity Creative Challenge 2016

Winner – Best Poster Award IIRT Conference 2014

Personal

In 2011 I moved from Australia to Ireland, where I live with my husband and our two beautiful children, Liam and Eimear. My favorite pastime is still cooking, but with the move to Ireland I have found I am barbequing less and baking more!

Final statement

I am excited by the prospect of serving as a member of the ESTRO board and am honoured by the nomination.

It is recognised by ESTRO that the composition of the board should reflect the diversity of the Society. As an RTT, a young ESTRO member, and an early career academic with clinical experience beyond Europe, I represent an important portion of the Society's membership body which continues to grow. I value the opportunity to represent this group at a governance level within ESTRO.

Based on my previous experience in clinical, educational, and research environments I possess the required skill set to support the radiation oncology community in realising the mission of the Society. I am scientifically active and have demonstrated leadership qualities in the various educational positions I have held within the Society. Most importantly I am visionary for the future direction of ESTRO and its engagement with all members of the radiation oncology community.