

Interdisciplinary webinar series

## Challenges in Reirradiation: From Art to Science

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### **Webinar 1: Reirradiation Challenges & Opportunities**

Thursday 26 October 2023, 15:00-16:00 CEST

*Chair: Ane Appelt*

Modern reirradiation in practice: challenges and opportunities

– Nicolaus Andratschke, University of Zurich, Switzerland

Introducing the ESTRO Reirradiation Working Groups

– Ane Appelt, University of Leeds, UK, and Eliana Vasquez Osorio, University of Manchester, UK

### **Webinar 2: Challenges in the Clinical Reirradiation Workflow**

Monday 6 November 2023, 15:00-16:00 CET

*Chair: Marija Popovic*

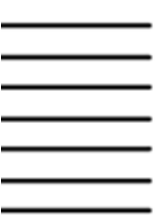
The role of the specialist medical physics consultation for reirradiation patients

– Kelly Paradis, University of Michigan, USA

ESTRO Working Group summary on reirradiation workflows

– Myriam Ayadi, Centre Léon Bérard, Lyon, France





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### Webinar 3: Practical Radiobiology for Clinical Reirradiations Challenges

Monday 4 December 2023, 15:00-16:00 CET

*Chair: Nick West*

Retreatment radiobiology: time, dose & location

– Laure Marignol, Trinity College Dublin University of Dublin, Ireland

Clinical perspective of reirradiation radiobiology

– Dorota Gabryś, Institute of Oncology Gliwice, Poland

### Webinar 4: Challenges in Accumulating Doses

Tuesday 9 January 2024, 15:00-16:00 CET

*Chair: Heidi Rønne*

Image registration: Where are we? Where do we need to go?

– Eliana Vasquez Osorio, University of Manchester, UK

Assessing cumulative doses - guidelines for best practice

– Ane Appelt, University of Leeds, UK

Accounting for dose accumulation uncertainty

– James Mechalakos, MSKCC, New York, USA



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## **Webinar 5: Dose Constraints for Reirradiation: What Do We Know?**

Monday 5 February 2024, 15:00-16:30 CET

*Chair: Ane Appelt*

Review for dose constraints for reirradiation

– Georges Noel, iCANS, Strasbourg, France

A practical and usable collation of reirradiation dose constraints

– Jeff Ryckman, West Virginia University, USA

Site specifics:

Thorax – Robert Rulach, Oxford University Hospitals, UK

Pelvis – Finbar Slevin, Leeds Cancer Centre, UK

Head & Neck – Panagiotis Balermipas, University Hospital  
Zurich, Switzerland

CNS – Christina Tsien, McGill University, Montreal, Canada

## **Webinar 6: Proton Reirradiation: Current Status & Challenges**

Tuesday 5 March 2024, 15:00-16:00 CET

*Chair: Eliana Vasquez Osorio*

Proton reirradiation: planning and treatment

– Heidi S. Rønne and Camilla Kronborg, Danish Centre for Particle  
Therapy, Aarhus University Hospital, Denmark

Clinical considerations for proton reirradiations

– Charles Simone, New York Proton Center, USA

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## **Webinar 7: Other Reirradiation Techniques Available**

Thursday 11 April 2024, 15:00-16:00 CET

*Chair: Ali Zaila*

Brachytherapy for gynaecological reirradiation

– Supriya Chopra, Tata Memorial Hospital, Mumbai, India

MR guided reirradiation: challenges and opportunities

– Stephanie Tanadini-Lang, University Hospital Zurich, Switzerland

## **Webinar 8: Going Forward: How we do learn? How do we improve?**

Thursday 23 May 2024, 15:00-16:00 CET

*Chair: Marija Popovic*

Defining the clinical problem and the lack of evidence

– Louise Murray, University of Leeds, UK

Operational Ontology for Oncology: real world data for improving reirradiation treatments

– Charles Mayo, University of Michigan, USA

Collecting real world data for reirradiation patients

– Jonas Willmann, University Hospital Zurich, Switzerland

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