



Hybrid Event: In-Person and Live Interactive Webinars

SGRT COMMUNITY

**3rd December 2021**

08.45am to 16.45pm GMT

**etc.venues**

County Hall (London)

2021 SGRT ANNUAL EUROPEAN MEETING

SEEING IS BELIEVING

SGRT: MORE THAN JUST MOTION MANAGEMENT**REGISTER: SGRT.ORG****08.45 • Room: WATERLOO****Welcome to the Meeting****Menna Creed***Head of SGRT Development, Vision RT***08.50 • Room: WATERLOO****Review of current opinion SGRT****Josh Naylor***Imaging Lead Principal Physicist, University Hospitals Dorset, UK***09.10 • Room: WATERLOO****More than just DIBH: How SGRT Is Improving Workflows Across Multiple Indications****Ben Allen***Consultant Radiographer, University Hospitals Birmingham NHS Foundation Trust
Queen Elizabeth Hospital, UK***09.30****Product Demonstrations & Refreshments****09.45 - CHOOSE 1 of 4 sessions to attend.****1 NEW TO SGRT WORKSHOP • Room: WATERLOO****• REMOTE • Go-Live with Tattoo and Mark Free Treatments****Kenton Thompson**, RT Clinical Coordinator, Peter MacCallum Cancer Centre, Australia**Dealing with SGRT Workload in a Large-Scale University Radiotherapy Department****Dennis Konings**, Radiotherapy Technologist, University Hospital Leuven, Belgium**Safe Implementation of AlignRT for Breast Patients Across a Multi-Site Center: Commissioning and Clinical Validation Work****Nicki McGrath**, Principal Radiotherapy Physicist, The Christie NHS Foundation Trust, UK**Bringing SGRT to Every NHS patient, Every Fraction in Rural Dorset****Josh Naylor**, Imaging Lead Principal Physicist, University Hospitals Dorset, UK**Deborah Branson**, Technique Development Lead, University Hospitals Dorset, UK

2 SRS WORKSHOP • Room: EARL

• REMOTE • SGRT Quality Assurance for Stereotactic Treatments & Initial Experience with SGRT and IGRT in SRS Treatments

Ruth Rodríguez-Romero, Medical Physicist, Hospital Universitario Puerta de Hierro Majadahonda, Spain

Patricia Sánchez Rubio, Medical Physicist, Hospital Universitario Puerta de Hierro Majadahonda, Spain

Accuracy of the SRS Module of AlignRT for Stereotactic Intracranial Radiotherapy: a Comparative Study

Luc Simon, PhD, Medical Physicist, IUCT-Oncopole, France

Aurélien Tournier, Medical Physicist, IUCT-Oncopole, France

• REMOTE • SGRT: an Aid for Machine-Related Quality Assurance on the Linear Accelerator? - A Case Report

Kirsten Hierholz, Lead Medical Physicist, Klinikum Darmstadt, Germany

3 BREAST AND DIBH WORKSHOP • Room: BARON

Reproducibility of Deep-Inspiration Breath Hold Treatments on Halcyon™ Performed Using AlignRT® InBore™

Fabrice Lorchel, MD PhD, Centre de Radiothérapie de Mâcon, Orlam, France

Daniel Nguyen, MS, Centre de Radiothérapie de Mâcon, Orlam, France

Review of Clinical Applications and Challenges with Surface Guided Radiation Therapy in Treating Various Malignancies at a Territory Cancer Center

Bellala Ravishankar, MD, Head of Clinical Oncology, Omega Hospital, India

Surface Guided Radiotherapy (SGRT) vs Varian RPM for Deep Inspiration Breath Hold (DIBH) Breast Treatments

Darina Hickey, Medical Physicist, Beacon Hospital, Ireland

End to End DIBH at QE Birmingham from CT to Markerless Treatments: Our Experiences and Clinical Results

Julie Kilkenny, Technical Lead Practitioner, University Hospitals Birmingham NHS Foundation Trust Queen Elizabeth Hospital, UK

Abdul Qadir, Senior Therapeutic Radiographer, University Hospitals Birmingham NHS Foundation Trust Queen Elizabeth Hospital, UK

4 SBRT / SABR WORKSHOP • Room: DUKE

• REMOTE • Introduction of an End Expiration Breath Hold (EEBH) Workflow Using AlignRT for Liver SBRT

Megan McDonald, Senior Radiation Therapist, Alfred Health Radiation Oncology, Alfred Hospital, Australia

Thorax and SGRT Immobilization Evaluation and Implementation of SGRT for Lung SABR

Victoria Hammond-Turner, Technical and Development Lead Radiographer, Berkshire Cancer Centre, Royal Berkshire NHS Foundation Trust, UK

Stereotactic Radiotherapy of Lung Tumors on Halcyon™ v2.0 in Inspiration Breath Hold, Guided by the AlignRT® InBore™ Surface System

Senna Yossi, MD, Centre de Radiothérapie de Charcot et Mermoz, Orlam, France

Daniel Nguyen, Medical Physicist, Centre de Radiothérapie de Mâcon, Orlam, France

10.45 • Room: KNIGHTS LOUNGE

Networking Break with Refreshments

11.15 - CHOOSE 1 of 4 sessions to attend.

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12.15 • Room: KNIGHTS LOUNGE

Lunch, Networking, Vendor Demonstrations

13.15 • Room: WATERLOO

LATEST SGRT RESEARCH RESULTS

From DIBH to Every Patient, Every Fraction

Suzanne Coupland, Advanced Imaging Lead Radiographer, Raigmore Hospital, NHS Highland, Scotland

From Surface to Video-Guided Radiotherapy: Commissioning and Clinical Implementation of a Video-Based Interface

Hin Lau, Medical Physicist, Radiology Clinic, Department for Radiation Oncology and Radiation Therapy, University Hospital Heidelberg, Germany

Feasibility Study of an InBore Real-Time Surface Monitoring System

Grace Gwe-Ya Kim, Ph.D, FAAPM, Associate Professor and Assistant Vice Chair Senior Associate Director, Clinical Physics Operations, UC San Diego, USA

14.15

Networking Break with Refreshments

14.30 - CHOOSE 1 of 2 sessions to attend.

1 CLINICAL CASE STUDIES • Room: DUKE

Clinical Case Study: Radiation Therapy Delivery With Open Treatment Mask and SGRT

Audrey Hendricks, Radiation Therapist, Kantonsspital Winterthur, Switzerland

Clinical Case Study: Does Thermoplastic Breast Immobilization Have a Place in SGRT and DIBH?

Sally Goodwin, Superintendent Radiographer, The Christie NHS Foundation Trust, UK

Feasibility of the Use of an SGRT Device in Patient Positioning for the Treatment of Extremities

Diego Tomarelli, Radiation Therapist, University Hospital Zurich, Switzerland

2 PARTICLE THERAPY WORKSHOP • Room: WATERLOO

• REMOTE • Installation of a Surface Guidance System (SGRT) at a Heavy Ion Gantry Treatment Room

Andrea Schwahofer, Dr, Research Fellow, German Cancer Research Center, National Center for Radiation Research in Oncology (NCRO), Heidelberg Institute for Radiation Oncology (HIRO), Germany

Installation of a Surface Guidance System (SGRT) at a Heavy Ion Gantry Treatment Room Part 2: Workflow Optimization and First Clinical Results

Abdallah Qubala, Medical Physicist and PhD Student, Heidelberg Ion Beam Therapy Center, Medical Faculty of Heidelberg, Germany

• REMOTE • Proton Simulation Solutions: Utilizing Lessons Learned from Photon SGRT to Create New Processes in Proton Treatment

Wendy Tisue, MBA, RTT (R)(T), Mayo Clinic Arizona, USA

Sarah Carroll, RTT (R)(T), Mayo Clinic Arizona, USA

15.30

Networking Break with Refreshments

15.45 • Room: WATERLOO

LATEST INNOVATIONS

SimRT™ - One Step Forward

Mathias Dierl, Head of Medical Physics, Klinikum Bayreuth, Germany

Cherenkov Imaging Identifies Opportunities to Improve Treatment Delivery

Brian W. Pogue, PhD,

McLean Professor of Engineering & Surgery at Dartmouth, Director, Medical Physics PhD Education Program at Dartmouth, Center for Imaging Medicine, Dartmouth-Hitchcock Medical Center, USA

16.45

End of Meeting

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