

Friday May 31, 2019

8:00 to 9:00	Registration and Breakfast	
9:00 – 9:10	UT DRO Chair Welcome and Opening Remarks: Fei Fei Liu	
9:10 – 9:20	Conference Chairs Welcome and Opening Remarks: Laura D’Alimonte and Michael Velec	
9:20 – 10:10 (50 min)	Innovate Keynote Address Planning the Way Forward - Sophie Foxcroft	
10:10 – 10:40 (30 min)	Innovate Plenary Session A Technique to Accumulate External-Beam and Brachytherapy Doses for Prostate Radiotherapy - Aran Kim	
10:40 – 11:05 (25 min)	Break and Poster Viewing	
11:05 – 12:05 (60 min)	Proffered Session 1 Motion Management Innovations (Moderator: Darby Eler)	Proffered Session 2 Novel Operations and Models of Care (Moderator: TBD)
	Evaluation and validation of an Image-Guided Traffic Light Protocol for head and neck cancer patients undergoing radiotherapy - Filipa Sousa	Utilizing Quality Improvement Methods to Examine the Radiation Therapy Pathway for Patients Requiring Urgent Radiation Therapy at a Community Cancer Centre - Carrie Lavergne
	Prostate Or Bone? – Comparing The Efficacy Of Image Guidance Surrogates For Pelvis & Prostate Radiotherapy Using Accumulated Delivered Dose - Vickie Kong	Development of a Collaboration Model Between Two Cancer Centres to Maintain Patient Access to Radiation Therapy During the Replacement of a Sole CT Simulator at a Regional Cancer Centre - James Loudon
	Implementing and Improving Pancreas SBRT: One Challenge at a Time - Saher Ali	Radiation Therapy 7 Days a Week - Sandy Garraway
	LIVER: Live IGRT VERification for Respiratory-gated hepatic tumors - Melissa O’Neil	Implementing Daily Team Huddles within a Radiation Therapy Department to Improve Team Communication and Morale - Madette Galapin
	Use of Moderate Deep Inspiration Breath Hold for Loco-Regional Radiotherapy of Right Breast Cancer including Internal Mammary Lymph Nodes - Gulaid Mohamoud	Increased Automation and Artificial Intelligence in Radiation Therapy Clinical Practice: A Qualitative Exploration of Radiation Therapist Perceptions - Elen Moyo
12:05 – 1:05 (60 min)	LUNCH	
1:05 – 2:05 (60 min)	Junior Investigator Session (Moderator: TBD)	Workshop (Moderator: TBD)
	Quantitative thermography and grey-tone difference matrix texture features correlate with radiation-induced skin toxicity – Jillian Sindo	Patient Reported Outcomes: Equipping Radiotherapy Teams with the Knowledge and Skills to ‘Go PRO’ - Fiona Mitchell, Karey McCann, Alex Liska, Winter Spence
	Dose/Volume Relationships between Anatomically Distinct Bowel Regions and Late GI Toxicity after EBRT for High-risk Prostate Cancer – Fatima Oshin	
	Establishing Guidelines for Quality Assurance and Clinical Application of Metal Artifact Reduction (O-MAR) Software in Radiation Therapy – Derek Lo	
	Determining potential benefits of volumetric image matching in radiation therapy – Sarah Aubert	
	Current Vaginal Dilator Practice Across Canada – Regan Clarke	



INQUIRE
INSPIRE
INNOVATE

	Exploring the Utilization of Single Fraction Radiation Therapy for Bone Metastases at a Community Cancer Centre from 2013-2017: A Retrospective Analysis and Comparison to Canadian Literature – Deanna Ng Humpreys	
2:05 – 2:10	Transit Time	
2:10 – 3:10 (60 min)	Proffered Session 3 Patient Experience and Outcomes (Moderator: Merrylee McGuffin)	Proffered Session 4 Quality Improvement and Safety (Moderator: TBD)
	The Prevalence and Determinants of Return to Work in Nasopharyngeal Carcinoma Survivors - Nathaniel So	Implementation of an On-line Incident Learning System in a Radiation Medicine Program - Agnes Cheung
	Symptom burden among Northern Alberta radiotherapy patients with advanced cancer: mapping needs and gaps - Winter Spence	Deviation from Standard Practice Reporting – a Novel Technique to Directly Improve Quality and Safety within Radiation Treatment Program - Cassandra Costello
	A Patient's Perspective: Bridging the Transition Following Radiation Therapy Treatments for Patients With Breast Cancer - Alex Liska	Improving the Quality of Patient Data Capture in Breast Radiotherapy Peer-Review - Grace Lee
	What was it like for you? The experience of a radiation skin reaction in patients with head and neck cancer. - Angela Cashell	Implementing Technology to Drive Improvements within a High Volume Brachytherapy Program - Laura D'Alimonte
	Enhancing person-centred care by improving the use of patient reported outcomes among Radiation Therapists - Lynn Nguyen	Minimizing Anaesthesia Use in Paediatric Radiation Therapy - Stephanie Ntoukas
3:10 – 3:35 (25 min)	Break and Poster Viewing	
3:35 – 4:05 (30 min)	Inspire Plenary Session Identifying a Niche: Development of the Orthopedic Radiation Oncology Clinic - Julie Blain	
4:05 – 4:55 (50 min)	Inter-professional Keynote Address Biomarkers for Prostate Cancer - Paul Boutros	
4:55 – 5:00	Closing Remarks: Michael Velec and Laura D'Alimonte	
5:00 – 8:00	Reception & Poster Viewing Network, Share and Learn over drinks, appetizers and conversation!	

Saturday June 1, 2019

8:00 to 8:25			Registration and Breakfast		
8:25 – 8:30			Welcome and Opening Remarks: Laura D’Alimonte and Michael Velec		
8:30 – 9:20 (50 min)			Inspire Keynote Address Making the Impossible Possible: Inspiring the Development of Obtainable Performance Goals for Radiation Oncology Practice - Charles Washington		
9:20 – 9:25			Transit Time		
9:25 – 10:25 (60 min)	National Innovation Snapshot (Moderators: Merrylee McGuffin, Brian Liszewski)		Proffered Session 5 Planning and Treatment Outcomes (Moderator: TBD)		
	Education Sessions for Prostate Patients Receiving EBRT - Jennifer Lam		Development of a Reference Planning Template for MR Linac treatment of Brain Patients - Shawn Binda		
	Sustaining a Small Yet Meaningful Program for Your Patients: Dignity Robes at the WRCP - Rosey Belisle and Alice McKenzie		Semi-Automated Volumetric Modulated Arc Therapy Planning for Post-Operative Radiotherapy in Endometrial Cancer: Improvements in Normal Tissue Sparing and Planning Time - Tony Kin-Ming Lam		
	Reducing Delays to Treatment for P2 Patients Using QI Techniques - Elana de Pagter		Every Breath You Take – Evaluating Respiratory Motion of the Bony Thorax in the Context of Bone SBRT- Darby Erler		
	Music Health Cares - Françoïis Gallant		Safety and efficacy of pre-operative, short course radiation therapy for prostate cancer: Results from a Phase I trial - Tara Rosewall		
	Radiation Therapists’ Staff Declaration at the Durham Regional Cancer Centre - Sarah Zolis		Does accumulated dose to parotid glands improve prediction of patient reported outcomes related to salivary function in nasopharyngeal cancer patients? - Olive Wong		
Serious Illness Conversations: An RT Approach - Krista Bota					
Development and Implementation of an In-house Bariatric Couch for External Beam Radiation Therapy - Winnie Li					
Multidisciplinary Treatment Planning Education in Ottawa - Manon Lacelle					
10:25-10:30			Transit Time		
10:30 – 11:30 (60 min)	Proffered Session 6 Patient Education (Moderator: Martin Chai)		Proffered Session 7 Evolving Role of the Radiation Therapist (Moderator: TBD)		
	“How are you today?”: Partnering with Patient Volunteers to Enhance Documentation in Radiation Therapy Practice - Marnie Peacock		Progress Towards a Person-Centered Model of Care for Radiation Therapy - Diana Lee		
	Harnessing Interprofessional Expertise and Patient Lived Experience: Developing a Care Pathway for Gynecological Cancer Patients Receiving Interstitial Brachytherapy - Aaron Cumal		Expanding the role of the Radiation Therapist in Brachytherapy for Cervical Cancer at the Odette Cancer Centre - Mackenzie Smith		
	Development and Implementation of an Online Educational Module for the Deep Inspiration Breath-Hold Technique - Jessica Gluszko		Coming Out in Radiation Therapy: A Narrative Inquiry - Amanda Bolderston		
	A Radiation Therapist-led educational intervention for patients receiving radiotherapy for gastro-intestinal and lung cancer - Christine Hill		Examining the Prevalence of Compassion Fatigue and Burnout in Radiation Therapists Caring for Palliative Cancer Patients - Alexandra Sarra		
	Inspiring Change in Radiation Therapy Patient Education - Amanda Jacques		Think Unconventionally: Staffing Should Not Be a Threat to MRI-Guided Radiation Therapy - Mikki Campbell		
11:30 – 12:30 (60 min)			LUNCH + Student Speed Dating (Moderator: Grace Lee, Nathaniel So)		

1:20 – 1:50 (30 min)	Inquire Plenary Session The Speedy CTV: Creation of an Adaptable Spine CTV Mesh to Decrease Contouring Times - Natalie Rozanec
12:30 – 1:20 (50 min)	Inquire Keynote Address Nurturing Curiosity in the Radiotherapy Workforce - Pete Bridge
1:50 – 2:00 (15 min)	Closing Remarks, Prizes & Awards – Laura D’Alimonte and Michael Velec
2:00	END of CONFERENCE

Posters:

- 1) Student-Centred Learning for Patient-Centred Care: Development and Application of a Provincial Clinical Teaching Philosophy - Heather Gaunt
- 2) Examining the Information Needs of the Lung Cancer Patient in Radiation Therapy - Jennifer Lam
- 3) Investigating The Need For A Standardized Adaptive Radiotherapy Model for Tumor Bed Boost Treatment In Early Stage Breast Cancer Patients –A Retrospective Quality Study - Jinhong Min*
- 4) A Qualitative Analysis of Human Error within the DIBH Procedure - Kennedy Holland*
- 5) Essential Role of a Radiation Therapist in an Accelerated Partial Breast Radiation Cosmesis Trial - Mark Lesiuk
- 6) The Effectiveness of Mammography as a Screening Method to Detect Breast Cancer in High Breast Density Populations - Hailey Richards*
- 7) A Retrospective Study Comparing The Effectiveness Of The Resources; (Time, Money And Human Resources), Used For Stereotactic Radiosurgery (SRS) And Whole Brain Radiation Therapy (WBRT) Treatment For Palliative Brain Metastases Patient At Carlo Fidani Peel Regional Cancer Center - Nawroz Fatima*
- 8) On Treatment Consultations – a Method to Increase Communication within the Radiation Therapy Department - Amanda Lamb
- 9) How Long is Too Long? Tshe GK Icon Experience - Kayla MacIntyre*
- 10) Bridging the Gap: Integrating Tobacco Cessation into Cancer Care - Natasha McMaster
- 11) HEAR HOOVES, THINK ZEBRAS: A Case Report & Systematic Literature Review of Isolated Neck Node Metastases from Prostate Cancer - Tara Rosewall
- 12) Prostate Margin Reduction for External Beam Radiation Therapy Treatment of High-Risk Prostate Cancer Including Pelvic Lymph Nodes - Samantha Bulger*
- 13) Can Volumetric Modulated Arc Therapy (VMAT) Improve Conformity, Dose Homogeneity and Speed of Delivery in Radiation Therapy Treatments for Spinal Metastases Compared to Conventional Techniques? - Meagan Robbins*
- 14) Comparison of Planned and Estimated Delivered Dose to the Pharyngeal Constrictor Muscles in Head and Neck Patients - Ankur Sharma*
- 15) A Novel Application of Varian’s RapidPlan Knowledge-Based Planning Tool to Screen for Significant Contour Changes in Nasopharyngeal Cancer Patients For Replanning Purposes - Valerie Phillips*

- 16) Dosimetric Effects of Paint Application in Pediatric Immobilization in Radiation Therapy - Sarah Kohli*
- 17) Evaluation of a High-Density 3D Printed Material for Orthovoltage Cutout Shielding - Kathy Song*
- 18) Operational Capacity Modeling: A Novel Approach to Optimize Radiation Treatment Capacity - Gulaid Mohamoud
- 19) Determining the Correlation Between Respiration-Induced Liver Deformity and Liver Disease Status - Jillian Klassen*
- 20) Normal Tissue Reproducibility using Abdominal Compression Evaluated with Magnetic Resonance Imaging - Maureen Lee*
- 21) Evaluation of Multiparametric Magnetic Resonance Imaging Dose Painting to Dominant Intraprostatic Lesion in Prostate HDR Brachytherapy - Yannie Lai*
- 22) Monaco Super User: An Agent of Change in Ensuring the Readiness of MRI Guided Radiation Therapy - Shawn Binda
- 23) A Retrospective Study: Does the Signal Intensity Highlighted in Red by the Wood's Lamp Correlate to the Pain Felt by the Patient During Photodynamic Therapy Treatment? - Prisheela Yogendran*
- 24) Quantitative Thermal Imaging to Evaluate Acute Skin Toxicity from Radiation Treatment using GLCM texture biomarkers: Dosimetric Associations - Prisheela Yogendran*
- 25) Quantitative Thermal Imaging Using Grey-Level Run Length Matrix Texture Features Correlate to Radiation Induced Skin Toxicity - Victor Lin*

**Student Investigator*