



**Canadian Association of Radiation Oncology
Virtual Scientific Meeting (CARO VSM)**

Transforming Care in Radiation Medicine: Lessons from 2020

September 28-October 1, 2021

Education Sessions October 5, 6, 7, 2021

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General Information

Overall Conference Objectives:

By the end of the conference, the participants will be able to:

- Discuss the role of virtual methods in cancer care and education, now and in the future.
- Demonstrate an understanding of pathways to optimizing equity and social justice in cancer care.
- Describe strategies for provider wellness and resilience in the practice of radiation medicine.
- Consider the lessons from the rapid deployment of COVID-19 practice changes on workflows, wait times & patient/staff experience.

Accreditation

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by Continuing Professional Development, Schulich School of Medicine & Dentistry, Western University.

You may claim a maximum of **18.5 hours** (credits are automatically calculated). Each participant should claim only those hours of credit that he/she actually spent participating in the educational program.

1.0 MOC Section 1 credits for full day attendance – Tuesday, September 28

3.75 MOC Section 1 credits for full day attendance – Wednesday, September 29

6.5 MOC Section 1 credits for full day attendance – Thursday, September 30

4.5 MOC Section 1 credits for full day attendance – Friday, October 1

1.0 MOC Section 1 credits for full day attendance – Tuesday, October 5

1.0 MOC Section 1 credits for full day attendance – Wednesday, October 6

1.0 MOC Section 1 credits for full day attendance – Thursday, October 7

Canadian Association of Medical Radiation Technologists (CAMRT) – Continuing Education Credit assigned to this activity will not be recognized by the American Registry of Radiologic Technologists (ARRT) however may be recognized and accepted by CAMRT’s provincial organization or other regulatory bodies for CPD requirements.

7 Category A Credit for full day attendance – Thursday, September 30, 2021.

RCEEM Reference Number: CARO-2021-169.

4.5 Category A Credit for full day attendance – Friday, October 1, 2021.

RCEEM Reference Number: CARO-2021-170.

25% of this program is dedicated to participant interaction.

Board of Directors (2019-2021)

Corinne Doll, President

Jolie Ringash, President-Elect

Paris-Ann Ingledew, Secretary/Treasurer

Michael Brundage, Past-President

Jennifer Croke

Fabio Cury

Danny Duplan

Caroline Holloway

Kurian Joseph

Jason Pantarotto

John Thoms

David Wu

CARO ASM Committee

Meredith Giuliani, Chair
Astrid Billfalk-Kelly
Matthew Chan
Jennifer Croke
Corinne Doll
Marc Gaudet
Sarah Hamilton
Neil Kopek

Mary Hooey
Paris-Ann Ingledew
Eric Leung
Brian Liszewski
David Palma
Jolie Ringash
David Wu

Keynote Speakers

Reshma Jagsi, CARO Lecture
Marjory Jolicoeur, Jean Roy Lecture
Padraig Warde, Gold Medal and Gordon Richards Lecture

Resident Refresher Course Speakers

Laura D'Alimonte
Mattias Guckenberger
Paris-Ann Ingledew
Brian Liszewski
David Palma

Theme Symposium Speakers

Luke Pike
Adrian Sacher
Willemijn Theelen

Medical Student Research and Mentorship Award Recipients

Ruijia (Rachel) Jin, University of British Columbia
Rutvij Khanolkar, University of Calgary
Jim Li, University of British Columbia
Aria Shokoohi, University of British Columbia
Saveen Sidhoo, University of Alberta
Rachel Zhao, University of British Columbia

Women in Radiation Medicine Panel

Joanne Alfieri
Marie-Andrée Fortin
Carolyn Freeman
Julia Khriguian

Pamela Catton Memorial Fun Run/Walk

September 2021 marks the 10th Anniversary of the Dr. Pamela Catton Memorial Fun Run/Walk for CROF. Pam dedicated her life to supporting patients through their cancer journey and furthering the Radiation Oncology profession through education and mentorship until her own journey ended. In Pam Catton's honour, CARO has partnered with the Urban Tree Program to plant a lasting tribute and help make our world greener.

We made a difference in our community and supported the planting and care of five trees in five regions across Canada. Our community trees were planted on National Tree Day September 22, 2021 as part of a ceremonial planting in British Columbia, Manitoba, Ontario, Quebec and Atlantic Canada.

Letter from the President



Dear Colleagues,

On behalf of the CARO Board of Directors, welcome to CARO's second Virtual Scientific Meeting. We remain in the shadow of the COVID pandemic, but light at the end of the tunnel is emerging! I hope you were able to take some well-deserved time off over the summer to reconnect with friends and family. Although we are not able to see each other for an in-person CARO Meeting this year, I am pleased that we are able to offer a high quality virtual program with exciting functionality of our new on-line platform to enhance communication and networking opportunities.

I want to extend a huge thank you to Scientific Committee, led by Dr. Meredith Giuliani, and our meeting organizer, Mary Hooley. I continue to be in awe of their dedication and the many hours that they and their team (Astrid Billfalk-Kelly, Matthew Chan, Jennifer Croke, Marc Gaudet, Sarah Hamilton, Neil Kopek, Eric Leung, Brian Liszewski, David Palma, and David Wu) have undertaken in the preparation of this virtual meeting. I also want to acknowledge the continued efforts of Dr. Jennifer Croke in organizing the Resident Refresher Course and the Resident Career Counselling Session. We also want to acknowledge Denise Craine and the CARO Secretariat Central staff for their organization and expertise.

This year's theme, "*Transforming Care in Radiation Medicine: Lessons from 2020*", is both a look back at how COVID-19 affected our practices, as well as a future-facing directive as to how this event has and will further change us. This theme will include discussions on virtual care and education, optimizing equity and social justice, and the importance of and strategies for provider wellness. There is much opportunity for "lessons learned" discussions, given the major pivots we have had to make. I am excited about the impressive line-up of keynote speakers for our major lectures. We look forward to in-depth discussions in these topics as well as many others, both virtual oral and poster, as well as new poster walk sessions, providing us with information and scientific advancements relevant to our practices.

As we all know, this is the 10th Anniversary of the Dr. Pamela Catton Memorial Fun Run/Walk. I hope you had the opportunity to get out there and challenge your colleagues for this important fundraising activity in honour of Pam Catton's legacy and please join us at the social networking activity on Thursday evening – for those who will participate in the Escape Room, get your thinking caps on!

I would like to acknowledge the generous support of our industry sponsors – without their commitment to CARO's VSM, this event would not be possible. Thank you.

I am looking forward to the time when we can see each other again in person. In the meantime, please don't hesitate to contact me with your ideas to improve how CARO can work for you. I hope you find our second CARO VSM a positive, stimulating and informative experience.



Corinne Doll
President, CARO

Lettre du Président



Chers collègues,

Au nom du conseil d'administration, je vous souhaite la bienvenue à la deuxième Réunion scientifique virtuelle de l'ACRO. Nous demeurons dans l'ombre de la pandémie de COVID-19, mais la lumière commence à faire son apparition au bout du tunnel! J'espère que vous avez pu prendre des moments de répit bien mérités pendant l'été et reprendre contact avec vos parents et amis. Bien qu'une réunion en personne ne soit pas possible cette année, je suis heureuse que nous soyons en mesure de vous présenter un programme virtuel de premier ordre grâce aux excellentes fonctionnalités de notre nouvelle plateforme en ligne, qui rehaussent les communications et les possibilités de réseautage.

Je tiens à remercier sincèrement le Comité scientifique, dirigé par D^{re} Meredith Giuliani, et l'organisatrice de la réunion, Mary Hooey. J'ai beaucoup d'admiration pour leur dévouement et les nombreuses heures qu'elles et leurs équipes (Astrid Billfalk-Kelly, Matthew Chan, Jennifer Croke, Marc Gaudet, Sarah Hamilton, Neil Kopek, Eric Leung, Brian Liszewski, David Palma et David Wu) ont consacrées à la préparation de la réunion virtuelle. Je tiens aussi à souligner les efforts soutenus que D^{re} Jennifer Croke a déployés pour organiser le cours de remise à niveau des résidents et la séance d'orientation de carrière à l'intention des résidents. Enfin, je désire signaler les excellentes compétences organisationnelles de Denise Craine et du personnel de Secretariat Central.

Le thème de cette année, « Transformer les soins de la médecine de rayonnement : leçons tirées de 2020 », est tant un regard rétrospectif sur la façon dont la COVID-19 a touché nos pratiques que des directives prospectives sur la manière dont cet événement nous a transformés et continuera de le faire. Ce thème prévoit des discussions sur les soins et les formations virtuelles, sur l'optimisation de l'équité et de la justice sociale, sur l'importance du bien-être des fournisseurs et sur les stratégies pouvant être mises en œuvre pour le maintenir. Il y aura de nombreuses occasions de tenir des discussions sur les « leçons apprises », compte tenu des nombreux virages que nous avons dû opérer. Je suis ravie de l'impressionnante gamme d'orateurs qui prononceront des allocutions lors de nos conférences d'honneur. Nous anticipons avec plaisir les discussions approfondies qui se tiendront à ces sujets, les nombreuses autres présentations, tant virtuelles que par affiches, ainsi que les nouvelles séances de discussions en petits groupes sur les affiches, qui, collectivement, nous fourniront des renseignements et nous feront part des progrès scientifiques pertinents à nos spécialités.

Comme nous le savons tous, cette année marque le 10^e anniversaire de la Course/marche amicale commémorative D^{re} Pamela Catton. J'espère que vous avez eu l'occasion de lancer un défi à vos collègues pour cette importante activité de collecte de fonds tenue en l'honneur de Pam Catton et que vous serez des nôtres pour l'activité sociale de jeudi soir – pour ceux qui participeront au jeu d'évasion, préparez-vous à vous creuser les méninges!

Je tiens enfin à souligner le généreux soutien de nos commanditaires – sans leur engagement envers la RSV de l'ACRO, sa tenue ne serait pas possible. Merci.

J'ai bien hâte au moment où nous pourrons tous nous revoir en personne. Entre-temps, n'hésitez pas à communiquer avec moi si vous avez des suggestions pour améliorer les efforts que l'ACRO déploie pour vous. J'espère que la deuxième RSV de l'ACRO représentera une expérience à la fois positive, stimulante et informative pour vous.

Corinne Doll
Présidente de l'ACRO

Letter from the Chair, Scientific Planning Committee



Dear CARO Participants,

Welcome to the second CARO Virtual Scientific Meeting. The past 18 months have given us a strong appreciation of the value of community and the support we realize through our connections as CARO. We are pleased to welcome you back in our new, revamped, virtual environment for the 2021 Virtual Scientific Meeting.

This year's theme *Transforming Care in Radiation Medicine: Lessons from 2020*, we will learn of virtual methods in cancer care and education; demonstrate an understanding of pathways to optimizing equity and social justice in cancer care; learn strategies for provider wellness and resilience in the practice of radiation medicine and consider the lessons from the rapid deployment of COVID-19 practice changes on workflows, wait times and patient/staff experience. We have enhanced the opportunities for formal and informal networking to bring our CARO community together. The program highlights radiation oncology research across Canada. The format includes a variety of sessions, with theme symposium, resident and fellow competition, plenary abstract and CBG sessions. Among our keynote speakers are the CARO Lecturer, Reshma Jaggi, Michigan; Gold Medal and Gordon Richards Lecturer, Pdraig Ward, Toronto and the Jean Roy Lecturer, Marjory Jolicoeur, Montreal.

New this year is our poster walk sessions which are gatherings of smaller groups to discuss selected posters lead by thought leaders. We look forward to connecting and celebrating the important research occurring across Canada. Posters are available to view online at your leisure. The meeting content is live and will be posted in Hubilo for 60 days post CARO.

September 2021 marked the 10th Anniversary of the Pamela Catton Memorial Fun Run/Walk. In honour of Pam Catton, CARO partnered with the Urban Tree Program. This program supports the planting and care of a community tree in five regions across Canada and was planted on National Tree Day as part of a city's ceremonial planting on September 22nd. Trees were planted in British Columbia, Manitoba, Ontario, Quebec and Atlantic provinces. Thank you to everyone who has supported the run over the last decade. Finally, back by popular demand, Goat Yoga is available over the lunch breaks on Thursday and Friday. Join us Thursday, September 30th at 5:30 for our mix and mingle in the lounge and escape room. Prizes will be awarded.

On behalf of the organizing committee, we are pleased to welcome you to the 2021 Virtual Scientific Meeting.



Meredith Giuliani
Chair, CARO VSM

Lettre du Présidente, Comité de planification scientifique



Chers participants de l'ACRO,

Bienvenue à la deuxième Réunion scientifique virtuelle de l'ACRO. Certes, les 18 derniers mois nous ont permis de mieux apprécier l'importance de l'esprit communautaire et du soutien que nous pouvons obtenir grâce à nos contacts en tant que membres de l'ACRO. Nous sommes heureux de vous accueillir de nouveau dans notre environnement virtuel restructuré pour la Réunion scientifique virtuelle de 2021.

En vertu du thème de la conférence de cette année, « Transformer les soins de radiothérapie : les leçons tirées de 2020 », nous nous familiariserons avec des méthodes virtuelles en matière de soins oncologiques et d'éducation; démontrerons une compréhension des protocoles visant l'optimisation de l'équité et de la justice sociale dans les soins contre le cancer; apprendrons des stratégies pour favoriser le bien-être et la résilience des prestataires dans la pratique de la médecine radiologique; et examinerons les répercussions, sur les flux de travail, les temps d'attente et l'expérience des patients et du personnel, de la nécessité de modifier rapidement des pratiques en raison de la COVID-19. Nous avons accru les possibilités de réseautage tant formelles qu'informelles pour permettre le rassemblement des membres de la communauté de l'ACRO. Le programme met en lumière les initiatives de recherches en radio-oncologie d'un bout à l'autre du Canada. Le format prévoit diverses séances, dont un symposium thématique, un concours destiné aux résidents et aux boursiers, des plénières pour la présentation des résumés et des séances organisées par le GCC. Parmi les conférenciers d'honneur, citons Reshma Jagsi, du Michigan, conférencière de l'ACRO; Padraig Ward, de Toronto, médaillé d'or et conférencier de l'ACRO, et Marjory Jolicoeur, de Montréal, conférencière Jean Roy.

Parmi les nouveautés de cette année, on retrouve des séances de présentations par affiches, qui consistent dans des petits groupes réunis pour discuter, sous la tutelle de leaders éclairés, des affiches sélectionnées. Nous nous réjouissons à la perspective de nous réunir et de célébrer les importantes recherches réalisées d'un bout à l'autre du Canada. Vous pouvez prendre connaissance des affiches en ligne, à votre gré. Le contenu de la réunion est disponible et restera affiché dans Hubilo pendant 60 jours après la réunion.

Le mois de septembre 2021 marquait le 10^e anniversaire de la Course/marche amicale commémorative Pamela Catton. En l'honneur de Pam Catton, l'ACRO a fait équipe avec le Urban Tree Program, qui subventionne la plantation et l'entretien d'un arbre communautaire dans cinq régions du Canada. Ces arbres ont été plantés le 22 septembre dernier en Colombie-Britannique, au Manitoba, en Ontario, au Québec et au Canada Atlantique dans le cadre de l'événement cérémonial tenu dans de chaque ville pour souligner la Journée nationale de l'arbre. Merci à tous ceux qui appuient la course depuis les dix dernières années. Enfin, de retour à la demande générale, des séances de yoga chèvre seront offertes le jeudi et le vendredi à l'heure du dîner. Soyez des nôtres le jeudi 30 septembre à 17 h 30 dans le salon pour un cinq à sept et un jeu d'évasion (escape room). Des prix seront décernés!

Au nom du comité organisateur, nous sommes heureux de vous accueillir à la Réunion scientifique virtuelle de 2021.

Meredith Giuliani
Présidente Réunion scientifique virtuelle de l'ACRO

Tuesday, September 28, 2021

*The CARO VSM is hosted on the virtual platform Hubilo.

All times shown are in EDT

TIME	EVENT
12:00 – 12:15pm	Chairs, Speakers, Moderators login
12:15 – 12:30pm	Virtual Check In
12:30 – 1:30pm	<p>Women in Radiation Medicine</p> <p>Welcome: Jennifer Croke</p> <p><i>Moderator: Julia Khriguian</i></p> <p>Panel: Carolyn Freeman, Joanne Alfieri, Marie-Andrée Fortin</p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Discuss the importance of seizing opportunities and the critical support of mentors and colleagues throughout one's career. • Identify areas where radiation oncologists can/need to make contributions, whether male or female. • Identify challenges specific to women in our field and strategies to address them.

Wednesday, September 29, 2021

*The CARO VSM is hosted on the virtual platform Hubilo.

TIME	EVENT
9:30 – 9:45am	Chairs, Speakers, Moderators login
9:45 – 10:00am	Virtual Check In
10:00 – 2:45pm	<p>Resident Refresher Course <i>Facilitators: Jennifer Croke, Sarah Hamilton</i></p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Review the principles of management and the role of radiotherapy in skin, head and neck and breast cancer. • Explore the evidence and indications for SABR in oligo metastatic disease. • Discuss the principles of HDR versus LDR brachytherapy in prostate cancer.
10:00 – 10:05am	<p>Welcome and Introductions Jennifer Croke, Sarah Hamilton</p>
10:05 – 10:35am	<p>Skin Paris-Ann Ingledew</p>
10:35 – 10:50am	Question and Answer Period
10:50 – 11:20am	<p>Oligometastases/SABR Devin Schellenberg</p>
11:20 – 11:35am	Question and Answer Period
11:35 – 11:45am	Break
11:45 – 12:15pm	<p>Head and Neck Jasbir Jaswal</p>
12:15 – 12:30pm	Question and Answer Period
12:30 – 1:15pm	Lunch
1:15 – 1:45pm	<p>Prostate Brachytherapy (LDR/HDR) Juanita Crook</p>
1:45 – 2:00pm	Question and Answer Period
2:00 – 2:30pm	<p>Breast Pauline Truong</p>
2:30 – 2:45pm	Question and Answer Period
2:50 – 4:00pm	Resident Career Counselling Session

Thursday, September 30, 2021

*The CARO VSM is hosted on the virtual platform Hubilo.

TIME	EVENT
9:30 – 9:45am	Chairs, Speakers, Moderators login
9:45 – 10:00am	Virtual Check In
10:00 – 10:10am	Welcome and Introductions Meredith Giuliani, Corinne Doll
10:10 – 10:55pm	Theme Symposium Immunotherapy and Radiotherapy <i>Moderators: Andrew Bang, Matthew Chan</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Provide a basic overview of cancer immunology, immunotherapy, and interactions with radiotherapy. • Review safety data of radiotherapy and immunotherapy, with a particular focus on more common toxicities such as brain radionecrosis and pneumonitis. • Review outcomes of the PEMBRO-RT randomized clinical trial assessing the effect of Pembrolizumab after stereotactic body radiotherapy vs Pembrolizumab alone in patients with metastatic non-small cell lung cancer, and discuss the potential enhancement of immune checkpoint inhibition after stereotactic body radiotherapy in non-irradiated lesions.
10:10 – 10:25am	Radiotherapy + immunotherapy at basic science level: overcoming resistance in the tumor microenvironment to improve tumor control with radiotherapy, CART cells and radiation, regulatory T cells and radiotherapy Adrian Sacher
10:25 – 10:40am	Review safety data of radiotherapy and immunotherapy, and describe practical considerations such as timing and site specific toxicities such as radionecrosis and pneumonitis Luke Pike
10:40 – 10:55am	Discuss current and future clinical applications of radiotherapy and immunotherapy Willemijn Theelen
10:55 – 11:10am	Question and Answer Period
11:10 – 11:20am	Break
11:20 – 12:40pm	Plenary Abstracts (1-4) <i>Moderators: Fabio Cury, Eve-Lyn Marchand</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Discuss a variety of interesting and select topics of radiation therapy innovations, and how they impact our cancer population. • Describe the results of innovative and practice-changing research done by Canadian peers.
11:20 – 11:35am	1 ELECTIVE PELVIC NODAL IRRADIATION WITH A SIMULTANEOUS HYPOFRACTIONATED INTEGRATED PROSTATE BOOST FOR LOCALIZED HIGH RISK PROSTATE CANCER: LONG TERM RESULTS FROM A PROSPECTIVE CLINICAL TRIAL Rachel Glicksman ¹ , Andrew Loblaw ¹ , Gerard Morton ¹ , Ewa Szumacher ¹ , Hans T Chung ¹ , Danny Vesprini ¹ , William Chu ¹ , Stanley K Liu ¹ , Richard Choo ² , Andrea Deabreu ³ , Alexandre Mamedov ³ , Liying Zhang ³ , Patrick Cheung ¹ ¹ University of Toronto, Toronto, ON ² Mayo Clinic, Rochester, MN ³ Sunnybrook-Odette Cancer Centre, Toronto, ON
11:35 – 11:40am	Question and Answer Period

Thursday, September 30, 2021

*The CARO VSM is hosted on the virtual platform Hubilo.

TIME	EVENT
11:40 – 11:55am	<p>Plenary Abstracts (1-4) (cont'd)</p> <p>2 POPULATION BASED PHASE II TRIAL OF STEREOTACTIC ABLATIVE RADIOTHERAPY (SABR) FOR UP TO 5 OLIGOMETASTASES: PRELIMINARY RESULTS OF THE SABR-5 TRIAL Robert Olson¹, Will Jiang¹, Mitchell Liu², Alanah Bergman², Devin Schellenberg³, Benjamin Mou⁴, Abraham Alexander⁵, Hannah Carolan², Fred Hsu⁶, Stacy Miller¹, Siavash Atchian⁴, Elisa Chan², Clement Ho³, Islam Mohamed⁴, Angela Lin⁴, Tanya Berrang⁵, Andrew Bang², Nick Chng⁷, Quinn Matthews⁷, Ante Mestrovic⁵, Derek Hyde⁴, Vicky Huang⁴, Chad Lund³, Howard Pai⁵, Boris Valev⁵, Shilo Lefresne², Scott Tyldesley² ¹University of British Columbia, Prince George, BC ²British Columbia Cancer Agency, Vancouver, BC ³British Columbia Cancer Agency, Surrey, BC ⁴British Columbia Cancer Agency Kelowna, BC ⁵British Columbia Cancer Agency, Victoria, BC ⁶British Columbia Cancer Agency, Abbotsford, BC ⁷British Columbia Cancer Agency, Prince George, BC</p>
11:55 – 12:00pm	Question and Answer Period
12:00 – 12:15pm	<p>3 TARGETING PPAR SIGNALING TO REVERSE LYMPHEDEMA SECONDARY TO CANCER TREATMENT Jennifer Yin Yee Kwan, Pierre Antoine Bissey, Wei Shi, Justin Williams, Siba Haykal, Benjamin Haibe-Kains, Kenneth W. Yip, Fei-Fei Liu University of Toronto, Toronto, ON</p>
12:15 – 12:20pm	Question and Answer Period
12:20 – 12:35pm	<p>4 CHEMORADIATION WITH OR WITHOUT METFORMIN IN LOCALLY ADVANCED CERVICAL CANCER: PHASE II RANDOMIZED TRIAL Kathy Han¹, Anthony Fyles¹, Tina Shek², Jennifer Croke¹, Neesha Dhani¹, David D'Souza³, Ting-Yim Lee³, Naz Chaudary¹, Rob Cairns², Melania Pintilie², Douglass Vines¹, David Jaffray¹, Ur Metser¹, Michael Milosevic¹, Marianne Koritzinsky¹ ¹University of Toronto, Toronto, ON ²University Health Network, Toronto, ON ³Western University, London, ON</p>
12:35 – 12:40pm	Question and Answer Period
12:40 – 1:20pm	Lunch / Visit the Virtual Exhibit Hall
12:50 – 1:10pm	Yoga
12:45 – 1:15pm	<p>Concurrent Poster Walk</p> <p>Palliative Care/Symptom Control <i>Lead: Jonathan Livergant</i></p> <p>106 A QUALITATIVE STUDY OF FACTORS TO CONSIDER IN THE INTEGRATION OF CAREGIVER-REPORTED OUTCOMES INTO PATIENT-CENTERED MODELS OF CARE Michael McKenzie¹, Scott Beck¹, Kelsey Lynch¹, Maria Torrejon¹, Jonathan Avery¹, Sally Thorne¹, Antony Porcino², Leah Lambert¹, Mary de Vera¹, Fuchsia Howard¹ ¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Vancouver, BC</p> <p>107 A SINGLE INSTITUTION RETROSPECTIVE STUDY OF PALLIATIVE RADIOTHERAPY FOR BONE METASTASES; COMPARING THE FIRST 6 MONTHS OF THE 2020 COVID-19 PANDEMIC WITH THE SAME CALENDAR PERIOD DURING 2019 Kelly Linden¹, Julie Renaud¹, Randa Kamel², Marc Gaudet², Kristopher Dennis² ¹The Ottawa Hospital, Ottawa, ON ²University of Ottawa, Ottawa, ON</p>

TIME	EVENT
12:45 – 1:15pm	<p>Concurrent Poster Walk (cont'd)</p> <p>Palliative Care/Symptom Control</p> <p>108 EFFICIENCY OF RADIOTHERAPY DELIVERY FOR PATIENTS WITH BREAST CANCER IN A DEDICATED MULTIDISCIPLINARY PALLIATION RADIATION ONCOLOGY CLINIC Jordan Hill, Mohannad Alhumaid, Sunita Ghosh, Alexander Le, Sharon Watanabe, Alysa Fairchild University of Alberta, Edmonton, AB</p> <p>109 EVALUATION OF PALLIATIVE RADIATION QUALITY ASSURANCE PROGRAM AT A SINGLE CANADIAN CENTRE WITH ASSESSMENT OF ASSOCIATED COSTS AND COMPARISON OF TWO DIFFERENT REVIEW PROCESSES Stephanie Gulstene, Adam Mutsaers, Melissa O'Neil, Andrew Warner, Robert Dinniwell, George Rodrigues Western University, London, ON</p> <p>111 COMPREHENSIVE ASSESSMENT OF CARE NEEDS DURING PALLIATIVE RADIOTHERAPY CONSULTATION OPTIMIZES PROVISION OF SUPPORTIVE CARE FOR PATIENTS WITH BREAST CANCER Mohannad Alhumaid, Jordan Hill, Sunita Ghosh, Sharon Watanabe, Alysa Fairchild University of Alberta, Edmonton, AB</p>
12:45 – 1:15pm	<p>Concurrent Poster Walk</p> <p>Stereotactic Radiosurgery <i>Lead: David Palma</i></p> <p>152 ORGAN AT RISK DOSE CONSTRAINTS IN STEREOTACTIC ABLATIVE RADIOTHERAPY: A SYSTEMATIC REVIEW OF ACTIVE CLINICAL TRIALS Serenna G. Gerhard¹, David A. Palma¹, Andrew J. Arifin¹, Alexander V. Louie², George J. Li³, Faiez Al-Shafa⁴, Patrick Cheung², George Rodrigues¹, Carol Bassim⁵, Mark T. Corkum² ¹London Health Sciences Centre, London, ON ²Sunnybrook-Odette Cancer Centre, Toronto, ON ³University of Toronto, Toronto, ON ⁴King Fahad Medical City, Abha, SB ⁵McMaster University, Hamilton, ON</p> <p>155 OUTCOMES OF STEREOTACTIC ABLATIVE RADIATION THERAPY FOR LIVER METASTASES FROM COLORECTAL CARCINOMA Ronan McDermott¹, Emma Dunne¹, Yizhou Zhao¹, Mitchell Liu¹, Roy Ma¹, Devin Schellenberg² ¹British Columbia Cancer Agency, Vancouver, BC ²British Columbia Cancer Agency, Surrey, BC</p> <p>160 EARLY STAGE LUNG CANCER STEREOTACTIC BODY RADIATION THERAPY OUTCOMES IN A SINGLE INSTITUTION Nathan Doupnik¹, Khalid Hirmiz¹, Ming Pan¹, Abdulkadir Hussein² ¹Western University, LaSalle, ON ²University of Windsor, Windsor, ON</p> <p>162 STEREOTACTIC ABLATIVE RADIOTHERAPY VERSUS CONVENTIONAL FRACTIONATED RADIOTHERAPY FOR EARLY-STAGE NON-SMALL CELL LUNG CANCER: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED TRIALS Adam Mutsaers¹, Tina Zhang², David Palma¹, George Rodrigues¹, Melody Qu¹ ¹Western University, London, ON ²University of British Columbia, Vancouver, BC</p>

Thursday, September 30, 2021

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TIME	EVENT
12:45 – 1:15pm	<p>Concurrent Poster Walk (cont'd)</p> <p>Stereotactic Radiosurgery</p> <p>165 EVALUATION OF IMMOBILIZATION TECHNIQUES IN STEREOTACTIC BODY RADIOTHERAPY FOR EARLY STAGE LUNG CANCERS AND LUNG METASTASES Shannah Murland, Pamela Paterson Alberta Health Services, Edmonton, AB</p>
1:20 – 1:55pm	<p>Jean Roy Lecture <i>Introduction/Moderator: Eric Vigneault</i></p> <p>Innovation, Precision, Adaptability, Knowledge: The art of brachytherapy Marjory Jolicoeur</p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Describe the place of brachytherapy in the cancer care strategies. • Discuss the need for imaging using Breast and GYN brachytherapy. • Briefly explain the evolution of brachytherapy. • Discuss the challenges faced through the pandemic and the lessons learned for the future.
1:55 – 2:10pm	Question and Answer Period
2:10 – 3:00pm	<p>Concurrent 1 – Brachytherapy Oral Session (5-10) <i>Moderators: Rachel Glicksman, Aman Taggar</i></p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Recognize important aspects of treatment planning and delivery of brachytherapy. • Review current practices and outcomes of brachytherapy.
	5 WITHDRAWN
2:10 – 2:17pm	<p>6 ULTRA-HYPOFRACTIONATED (UHF) COMPARED TO MODERATE-HYPOFRACTIONATED (MHF) PROSTATE IGRT WITH HDR BRACHYTHERAPY BOOST(BB): FOUR-YEAR TOXICITIES AND LOCAL CONTROL Marie-Michèle Beaudry, Damien Carignan, André-Guy Martin, William Foster, Eric Vigneault, Marie-Claude Lavallée, Sylvianne Aubin, Eric Poulin, Bernard Lachance, Frederic Lacroix, Philippe Després, Luc Beaulieu CHU de Québec-Université Laval, Ville de Québec, QC</p>
2:17 – 2:20pm	Question and Answer Period
2:20 – 2:27pm	<p>7 OCULAR BRACHYTHERAPY FOR INTRA-OCULAR MELANOMA: 5 YEAR LARGE COHORT OUTCOMES IN THE PROVINCE OF ALBERTA Mohannad Alhumaid, Deepak Dinakaran, Matthew Larocque, Albert Murtha, Ezekiel Weis University of Alberta, Edmonton, AB</p>
2:27 – 2:30pm	Question and Answer Period
2:30 – 2:37pm	<p>8 DOSIMETRIC PREDICTORS OF TOXICITY AND QUALITY OF LIFE FOLLOWING SINGLE FRACTION HIGH DOSE-RATE PROSTATE BRACHYTHERAPY Mark T. Corkum, Andrew Loblaw, Hans T. Chung, Chia-Lin Tseng, Merrylee McGuffin, Melanie Davidson, Moti Paudel, Matt Wronski, Patrick Cheung, William Chu, Ewa Szumacher, Liying Zhang, Alexandre Mamedov, Gerard Morton Sunnybrook-Odette Cancer Centre, Toronto, ON</p>
2:37 – 2:40pm	Question and Answer Period

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TIME	EVENT
2:40 – 2:47pm	9 RESULTS OF PATIENTS TREATED WITH PROSTATE BRACHY THERAPY FOR EARLY-ONSET (≤55 YEARS) PROSTATE CANCER Cédric Charrois-Durand, Daniel Taussky, Guila Delouya, Daniel Liberman Centre Hospitalier de l'Université de Montréal, Montréal, QC
2:47 – 2:50pm	Question and Answer Period
2:50 – 2:57pm	10 HIGH DOSE RATE BRACHY THERAPY IN THE MANAGEMENT OF ANAL CANCER: A SYSTEMATIC REVIEW Zakariya Ali ² , Amandeep Taggar ¹ , Paveen Mann ³ , Eden Solomon ⁴ , Kelvin Chan ¹ ¹ Sunnybrook-Odette Cancer Centre, Toronto, ON ² Royal College of Surgeons of Ireland, Dublin, IE ³ Sunnybrook Health Sciences Centre, Toronto, ON ⁴ University of Waterloo, Waterloo, ON
2:57 – 3:00pm	Question and Answer Period
2:10 – 3:10pm	Concurrent 1 – Oral Session 1 – Education (11-16) <i>Moderators: Vanessa DiLalla, Paris-Ann Ingledew</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Review current best practices in cancer education. • Explore methodologist in cancer education science.
2:10 – 2:17pm	11 THE CANADIAN ASSOCIATION OF RADIATION ONCOLOGY 2020 RADIATION ONCOLOGIST BURNOUT AND WORK ENGAGEMENT SURVEY Mira Keyes ¹ , Michael Leiter ² , Paris Ann Ingledew ¹ , Scott Tyldesley ¹ , Maryam Dosani ¹ , Michael Brundage ³ , Shaun Loewen ⁴ ¹ University of British Columbia, Vancouver, BC ² Acadia University, Wolfville, NS ³ Queen's University, Kingston, ON ⁴ University of Alberta, Calgary, AB
2:17 – 2:20pm	Question and Answer Period
2:20 – 2:27pm	12 IS REMOTE LEARNING AS EFFECTIVE AS IN-PERSON LEARNING FOR CONTOURING EDUCATION? A COMPARISON OF FACE-TO-FACE VERSUS ONLINE DELIVERY OF THE ANATOMY AND RADIOLOGY CONTOURING BOOTCAMP Paige Eansor ¹ , Leah A. D'Souza ² , Madeleine E. Norris ³ , Katherine E. Willmore ¹ , Zahra Kassam ⁴ , Eric Leung ⁵ , Anthony C. Nichols ⁶ , Manas Sharma ⁶ , Keng Yeow Tay ⁶ , Vikram Velker ⁶ , Glenn S. Bauman ⁶ , Andrew Warner ⁶ , Nicole Campbell ¹ , David A. Palma ⁶ ¹ Western University, London, ON ² Rush University Medical Center, Chicago, IL ³ University of California San Francisco, San Francisco, CA ⁴ University of Toronto, Toronto, ON ⁵ Odette Cancer Centre, Toronto, ON ⁶ London Health Sciences Centre, London, ON
2:27 – 2:30pm	Question and Answer Period
2:30 – 2:37pm	13 BURNOUT AND RESILIENCY ASSESSMENT OF CANADIAN RADIATION ONCOLOGY TRAINEES DURING THE EARLY PHASE OF THE COVID-19 PANDEMIC Che Hsuan David Wu, Tasnima Abedin, Shaun Loewen, Natalie Logie University of Calgary, Calgary, AB
2:37 – 2:40pm	Question and Answer Period

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TIME	EVENT
2:40 – 2:47pm	<p>14 LEARNING IN 360 DEGREES: THE USE OF VIRTUAL REALITY FOR RADIATION THERAPY PATIENT EDUCATION Merrylee McGuffin¹, Brian Liszewski², Krista Dawdy², Lisa Di Prospero², Yannie Lai¹, Fahad Alam², ¹Sunnybrook-Odette Cancer Centre, Toronto, ON ²University of Toronto, Toronto, ON</p>
2:47 – 2:50pm	Question and Answer Period
2:50 – 2:57pm	<p>15 PREPARING FOR BEREAVEMENT: A QUALITATIVE EXPLORATION OF INFORMATION AND SUPPORT FOR PRIMARY CAREGIVERS OF PATIENTS WITH TERMINAL CANCER UNDERGOING PALLIATIVE RADIATION THERAPY Kelly Linden¹, Sarah Smith², Kristopher Dennis¹ ¹The Ottawa Hospital, Ottawa, ON ²Sheffield Hallam University, Azienda Ospedaliero-Universitaria Careggi, Sheffield, UK</p>
2:57 – 3:00pm	Question and Answer Period
3:00 – 3:07pm	<p>16 REQUISITE KNOWLEDGE AND SKILLS FOR THE INTEGRATION OF MRI IN RADIATION THERAPY PRACTICE: AN INTERNATIONAL MODIFIED DELPHI STUDY Laura D'Alimonte¹, Mikki Campbell², Darby Eler², Kristen Porter³, Sara Morassaei⁴, Jennifer Croke⁵ ¹University of Toronto, Windsor, ON ²Sunnybrook-Odette Cancer Centre, Toronto, ON ³Sunnybrook Health Sciences Centre, Toronto, ON ⁴Queen's University, Kingston, ON ⁵Princess Margaret Cancer Centre, Toronto, ON</p>
3:07 – 3:10pm	Question and Answer Period
2:10 – 3:10pm	<p>Concurrent 1 – Oral Session 2 – Applied Technology and Physics/Basic and Translational Biology (17-22) <i>Moderators: Alanah Bergman, Oliver Holmes</i> Objectives: By the end of this session, the participants will be able to: • Discuss novel technologies utilized in the planning and delivery of radiotherapy. • Explore the impact of automation and big data on cancer control.</p>
2:10 – 2:17pm	<p>17 ASSESSMENT OF SALVAGE RADIATION THERAPY VOLUME BASED ON 18F-DCFPYL PSMA PET/CT IN PATIENTS WITH BIOCHEMICAL RECURRENCE AFTER RADICAL PROSTATECTOMY Justin Oh¹, Sara Harsini², Andra Krauze², Jonathan Livergant², Mira Keyes², Scott Tyldesley², Francois Benard² ¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Vancouver, BC</p>
2:17 – 2:20pm	Question and Answer Period
2:20 – 2:27pm	<p>18 PSMA-PET-BASED RESPONSE ASSESSMENT OF METASTATIC PROSTATE CANCER RESPONSE TO RADIOTHERAPY: A CASE SERIES. Aruz Mesci, Mohammad Gouran-Savadkoohi, Jeffrey Greenspoon, Anil Kapoor, Himanshu Lukka, Theodoros Tsakiridis McMaster University, Hamilton, ON</p>
2:27 – 2:30pm	Question and Answer Period

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TIME	EVENT
2:30 – 2:37pm	19 DEVELOPMENT OF WEB-BASED QUALITY-ASSURANCE TOOL FOR RADIOTHERAPY TARGET DELINEATION FOR HEAD AND NECK CANCER: QUALITY EVALUATION OF NASOPHARYNGEAL CARCINOMA Joseph Marsilla, Michal Kazmierski, Denis Tkachuk, Shao Hui Huang, Wei Xu, John Cho, Jolie Ringash, Scott Bratman, Benjamin Haibe-Kains, Jun Won Kim, Andrew Hope University of Toronto, Toronto, ON
2:37 – 2:40pm	Question and Answer Period
2:40 – 2:47pm	20 MACHINE LEARNING CLASSIFIER TO REPRODUCE LUNG METASTASES TUMOUR BOARD DECISIONS Christina Seo, Efthimia Karageorgos, Areej Waqar, Yiwen Xu, Tom Waddell, Marcelo Cypel, Meredith Giuliani, Derek S. Tsang, Tony Tadic, Timothy Chan, Srinivas Raman, Daniel Letourneau University of Toronto, Toronto, ON
2:47 – 2:50pm	Question and Answer Period
2:50 – 2:57pm	21 RESPONSE AND TOXICITY PATTERNS SEEN IN PATIENTS TREATED WITH COMBINATION IMMUNOTHERAPY AND RADIOTHERAPY IN THE UNSCARRED (UNRESECTABLE SQUAMOUS CELL CARCINOMA TREATED WITH AVELUMAB AND RADICAL RADIOTHERAPY) STUDY Deepak Dinakaran ¹ , Naresh Jha ² , Kurian Joseph ² , John Walker ¹ ¹ University of Alberta, Edmonton, AB ² Cross Cancer Institute, Edmonton, AB
2:57 – 3:00pm	Question and Answer Period
3:00 – 3:07pm	22 ARTIFICIAL INTELLIGENCE FOR CLINICAL DECISION-MAKING SUPPORT IN RADIATION THERAPY FOR CNS TUMOURS Salem Alfaifi, Pawel Siciarz, Shrinivas Rathod, Boyd McCurdy University of Manitoba, Winnipeg, MB
3:07 – 3:10pm	Question and Answer Period
3:10 – 3:40pm	Break

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TIME	EVENT
3:40 – 4:40pm	<p>Concurrent 2 – Oral Session 3 – Population Science and Health Services (23-28) <i>Moderators: Fabio Moraes, Shaun Loewen</i></p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Discuss current paradigms in population based cancer control. • Review the impact of social determinants of health on cancer outcomes.
3:40 – 3:47pm	<p>23 COST-EFFECTIVENESS OF SABR IN OLIGOMETASTATIC CANCER: AN ECONOMIC ANALYSIS BASED ON LONG-TERM RESULTS OF THE SABR-COMET RANDOMIZED TRIAL Melody Qu¹, Yujie Chen², Gregory Zaric², Suresh Senan³, Robert Olson⁴, Stephen Harrow⁵, Ava John-Baptiste², Stewart Gaede¹, Liam Mulroy⁶, Devin Schellenberg⁷, Sashendra Senthil⁸, Anand Swaminath⁹, Neil Kopek¹⁰, Mitchell Liu¹¹, Andrew Warner¹, George Rodrigues¹, David Palma¹, Alexander Louie¹² ¹London Health Sciences Centre, London, ON ²Western University, London, ON ³Amsterdam University Medical Center, Amsterdam, NL ⁴British Columbia Cancer Agency, Prince George, BC ⁵Beatson West of Scotland Cancer Centre, Glasgow, UK ⁶Nova Scotia Cancer Centre, Halifax, NS ⁷British Columbia Cancer Agency, Surrey, BC ⁸Alfred Health, Melbourne, ON ⁹Juravinski Cancer Centre, Hamilton, ON ¹⁰McGill University Health Centre, Montreal, QC ¹¹British Columbia Cancer Agency, Vancouver, BC ¹²Sunnybrook-Odetta Cancer Centre, Toronto, ON</p>
3:47 – 3:50pm	Question and Answer Period
3:50 – 3:57pm	<p>24 POPULATION-BASED ANALYSIS OF OUTCOMES FOR PATIENTS WITH BRAIN METASTASES FROM EPIDERMAL GROWTH FACTOR RECEPTOR MUTATION POSITIVE NON-SMALL CELL LUNG CANCER TREATED WITH TYROSINE KINASE INHIBITOR ALONE OR COMBINED WITH RADIOTHERAPY Timothy Kong¹, Alan Nichol¹, Cheryl Ho¹, Alexander Benny¹, Negar Chooback², Ian Fraser³, Lovedeep Gondara¹, Shilo Lefresne¹ ¹University of British Columbia, Vancouver, BC ²Queen's University, Kingston, ON ³National Health Service, Exeter, UK</p>
3:57 – 4:00pm	Question and Answer Period
4:00 – 4:07pm	<p>25 EXTREME WEEKLY LOCOREGIONAL HYPOFRACTIONATED RADIATION IN ELDERLY WOMEN WITH NON-METASTATIC BREAST CANCER Fadoua Rais McGill University, Montreal, QC</p>
4:07 – 4:10pm	Question and Answer Period
4:10 – 4:17pm	<p>26 ROLE OF ADJUVANT RADIOTHERAPY IN THE MANAGEMENT OF UROTHELIAL CARCINOMA OF UPPER URINARY TRACT – A SYSTEMATIC REVIEW Osbert Zalay, Michael Yan, Aamer Mahmud Queen's University, Kingston, ON</p>
4:17 – 4:20pm	Question and Answer Period

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TIME	EVENT
4:20 – 4:27pm	27 PROVINCE-WIDE ANALYSIS OF PATIENT REPORTED OUTCOMES FOR STAGE IV NON-SMALL CELL LUNG CANCER Michael C Tjong ¹ , Mark Doherty ² , Hendrick Tan ² , Wing C Chan ³ , Haoyu Zhao ⁴ , Julie Hallet ² , Gail Darling ⁵ , Biniam Kidane ⁶ , Frances C Wright ² , Alyson Mahar ⁶ , Laura E Davis ⁷ , Victoria Delibasic ² , Ambika Parmar ² , Nicole Mittmann ¹ , Natalie G Coburn ² , Alexander V Louie ² ¹ University of Toronto, Toronto, ON ² Sunnybrook-Odette Cancer Centre, Toronto, ON ³ Institute for Clinical Evaluative Sciences, Toronto, ON ⁴ University of Toronto, Toronto, ON ⁵ University Health Network, Toronto, ON ⁶ University of Manitoba, Winnipeg, MB ⁷ McGill University, Montreal, QC
4:27 – 4:30pm	Question and Answer Period
4:30 – 4:37pm	28 THE READABILITY OF ONLINE CANADIAN RADIOTHERAPY PATIENT EDUCATIONAL MATERIALS Mustafa Al Balushi, Brock Debenham, Sunita Ghosh University of Alberta, Edmonton, AB
4:37 – 4:40pm	Question and Answer Period
3:40 – 4:40pm	Concurrent 2 – Oral Session 4 – Gastrointestinal and Genitourinary Cancer (29-34) <i>Moderators: Gerard Morton, Michael Peacock</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Discuss current paradigms in gastrointestinal cancer care. • Explore the impact of hypofractionation on prostate cancer outcomes.
3:40 – 3:47pm	29 TUMOUR VOLUME PREDICTS FOR PATHOLOGICAL COMPLETE RESPONSE IN RECTAL CANCER PATIENTS TREATED WITH NEOADJUVANT CHEMORADIATION Fan Yang ¹ , Jordan Hill ¹ , Aswin Abraham ¹ , Sunita Ghosh ¹ , Tanner Steed ¹ , Clay Kurtz ¹ , Kurian Joseph ¹ , Jihyun Yun ¹ , Brad Warkentin ¹ , JoAnn Thai ¹ , Tirath Nijjar ¹ , Diane Severin ¹ , Keith Tanke ¹ , Alys Fairchild ² , Nawaid Usmani ¹ ¹ University of Alberta, Edmonton, AB ² Alberta Health Services, Edmonton, AB
3:47 – 3:50pm	Question and Answer Period
3:50 – 3:57pm	30 SYSTEMATIC REVIEW AND META-ANALYSIS OF RADIOTHERAPY FOR T3N0 RECTAL CANCER TREATED WITH TOTAL MESORECTAL EXCISION Andrew Bang ¹ , Michael Tjong ² , Jesus Fabregas ³ , Stefania Papatheodorou ⁴ , Michael Kucharczyk ⁵ ¹ University of British Columbia, Victoria, BC ² University of Toronto, Toronto, ON ³ Billings Clinic, Montana, US ⁴ Harvard T. H. Chan School of Public Health, Boston, MA ⁵ Dalhousie University, Halifax, NS
3:57 – 4:00pm	Question and Answer Period

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TIME	EVENT
4:00 – 4:07pm	<p>31 THE USE OF PROTON PUMP INHIBITORS DOES NOT ADVERSELY INFLUENCE PATHOLOGICAL AND CLINICAL OUTCOMES WHEN USED WITH CAPECITABINE IN THE NEO-ADJUVANT CHEMO-RADIATION TREATMENT OF LOCALLY ADVANCED RECTAL CANCERS Anjali Menon¹, Aswin George Abraham¹, Maria Mahfouz², Joseph J Thachuthara³, Heather Warkentin¹, Sunita Ghosh¹, Nawaid Usmani¹, Kim Paulson¹, Tirath Nijjar¹, Diane Severin¹, Keith Tankel¹, Karen Mulder¹, Wilson Roa¹, Kurian Joseph¹ ¹University of Alberta, Edmonton, AB ²RCSI University of Medical and Health Sciences, Dublin, IE ³MacEwan University, Edmonton, AB</p>
4:07 – 4:10pm	Question and Answer Period
4:10 – 4:17pm	<p>32 CONVENTIONAL VERSUS HYPOFRACTIONATION RADIATION FOR HIGH RISK PROSTATE CANCER PATIENTS (CHIRP): 24 MONTHS PATIENT-REPORTED QUALITY OF LIFE OUTCOMES OF THE RANDOMIZED PHASE II CHIRP TRIAL Fan Yang, Sunita Ghosh, Don Yee, Samir Patel, Matthew Parliament, Nawaid Usmani, Brita Danielson, John Amanie, Robert Pearcey, John Pedersen, George Dundas, Colin Field, Gino Fallone, Albert Murtha University of Alberta, Edmonton, AB</p>
4:17 – 4:20pm	Question and Answer Period
4:20 – 4:27pm	<p>33 ELECTIVE NODAL ULTRA HYPOFRACTIONATED RADIATION FOR PROSTATE CANCER: SAFETY AND EFFICACY FROM FOUR PROSPECTIVE CLINICAL TRIALS Rachel Glicksman¹, Stanley K Liu¹, Patrick Cheung¹, Danny Vesprini¹, William Chu¹, Hans T Chung¹, Gerard Morton¹, Andrea Deabreu², Melanie Davidson¹, Ananth Ravi¹, Hima Bindu Musunuru³, Joelle Helou¹, Ling Ho¹, Liying Zhang², Andrew Loblaw¹ ¹University of Toronto, Toronto, ON ²Sunnybrook-Odette Cancer Centre, Toronto, ON ³University of Pittsburgh, Pittsburgh, PA</p>
4:27 – 4:30pm	Question and Answer Period
4:30 – 4:37pm	<p>34 INFECTIOUS RISK AFTER PROSTATIC TRANSRECTAL FIDUCIAL MARKER IMPLANTATION IN RADIATION THERAPY Thomas Reynaud, Ibtihel Ben Aicha, Damien Carignan, Claude Pelchat, Cédric Fiset, William Foster, André-Guy Martin, Eric Vigneault CHU de Québec-Université Laval, Québec, QC</p>
4:37 – 4:40pm	Question and Answer Period
3:40 – 4:40pm	<p>Concurrent 2 – Oral Session 5 – Head and Neck Cancer (35-40) <i>Moderators: Astrid Billfalk-Kelly, Pencilla Lang</i> Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Discuss advances in radiotherapy delivery to improve outcomes in head and neck cancers. • Review the management of thyroid cancer.
3:40 – 3:47pm	<p>35 ADHERENCE TO THE AMERICAN THYROID ASSOCIATION GUIDELINES IN THE MANAGEMENT OF DIFFERENTIATED THYROID CANCER: IMPACT ON SURVIVAL OUTCOMES Aria Shokoohi, Cheryl Ho, Sam M. Wiseman, George Sexsmith, Jonn Wu, Sabrina Gill, Adam White, Eitan Prisman, Eric Tran, Sarah Hamilton, Eric Berthelet University of British Columbia, Vancouver, BC</p>
3:47 – 3:50pm	Question and Answer Period

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TIME	EVENT
3:50 – 3:57pm	36 ASSOCIATION OF TUMOUR VOLUME AND OUTCOMES IN T3 LARYNX CANCER WITH ORGAN PRESERVATION Nauman Malik ¹ , Nicolin Hainc ¹ , Gia Gill ² , Steven Nakoneshny ³ , Paul Kerr ² , Wayne Matthews ³ , Adam Globerman ² , Joseph Dort ³ , Pejman Maralani ¹ , Eugene Yu ¹ , John Lysack ³ , Ali Hosni Abdalaty ¹ , Irene Karam ¹ , Antoine Eskander ¹ ¹ University of Toronto, Toronto, ON ² University of Manitoba, Winnipeg, MB ³ University of Calgary, Calgary, AB
3:57 – 4:00pm	Question and Answer Period
4:00 – 4:07pm	37 COMPARISON OF RECURRENCE WITH HIGH RETROPHARYNGEAL NODAL-SPARING RADIATION TECHNIQUE IN HPV-RELATED AND HPV-UNRELATED OROPHARYNGEAL CANCER IN THE IMRT ERA Stephan Tran, Isaac Kong, Jim Wright, Stephen Sagar, Do-Hoon Kim, Han Zhang, Nhu Tram Nguyen McMaster University, Hamilton, ON
4:07 – 4:10pm	Question and Answer Period
4:10 – 4:17pm	38 RADIATION THERAPY OF ELDERLY PATIENTS WITH SQUAMOUS CELL CARCINOMA OF THE HEAD AND NECK – INSIGHTS FROM THE ANALYSIS OF THE BC CANCER REGISTRY 2007 – 2017 Melodie Kim ¹ , Arshdeep Marwaha ¹ , Rachel Zhao ¹ , Rohit Malyala ¹ , Dylan Narinesingh ² , Jeremy Hamm ² , Ryan Proulx ² , Jasbir Jaswal ² , Anand Karvat ² , Carson Leong ² , Andra Krauze ² ¹ University of British Columbia, Vancouver, BC ² University of British Columbia, Surrey, BC
4:17 – 4:20pm	Question and Answer Period
4:20 – 4:27pm	39 PATIENT REPORTED OUTCOMES AND COMPLICATIONS DURING HEAD & NECK CANCER RADIOTHERAPY BEFORE VERSUS DURING THE COVID-19 PANDEMIC Sarah Hamilton ¹ , Eric Berthelet ¹ , Matthew Chan ¹ , Eric Tran ¹ , Jonn Wu ¹ , Robert Olson ² ¹ British Columbia Cancer Agency, Vancouver, BC ² British Columbia Cancer Agency, Prince George, BC
4:27 – 4:30pm	Question and Answer Period
4:30 – 4:37pm	40 WORKFLOW AND INITIAL EXPERIENCE OF GLIOMA RADIOTHERAPY ON A HIGH FIELD 1.5 TESLA MR-LINAC Chia-Lin Tseng ¹ , Hanbo Chen ¹ , James Stewart ¹ , Angus Z. Lau ¹ , Rachel Chan ² , Liam S.P. Lawrence ¹ , Mikki Campbell ¹ , Sten Myrehaug ¹ , Hany Soliman ¹ , Zain A. Hussain ¹ , Jay Detsky ¹ , Pejman Jabehdar Maralani ¹ , Brian Keller ¹ , Mark Ruschin ¹ , Arjun Sahgal ¹ ¹ University of Toronto, Toronto, ON ² Sunnybrook Research Institute, Toronto, ON
4:37 – 4:40pm	Question and Answer Period

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TIME	EVENT
4:40 – 5:15pm	Gold Medal and Gordon Richards Lecture <i>Introduction/Moderator: Mary Gospodarowicz</i> Patients, Populations and Health Systems Padraig Warde Objectives: By the end of this session, the participants will be able to: Discuss the importance of clinical research at: <ul style="list-style-type: none">• An individual patient level.• A population level and;• A health system level.
5:15 – 5:30pm	Question and Answer Period
5:35 – 6:30pm	Networking Event – Mix and Mingle and Escape Room

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TIME	EVENT
9:30 – 9:45am	Chairs, Speakers, Moderators login
9:45 – 9:55am	Virtual Check In
9:55 – 10:00am	Welcome Day 2 Meredith Giuliani
10:00 – 10:35am	<p>CARO Lecture <i>Introduction/Moderator: Corinne Doll</i></p> <p>Advancing Equity in Radiation Oncology: Evidence-Based Approaches to Support Our Colleagues and Our Patients Reshma Jagsi</p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Articulate deontological and teleological arguments for the importance of equity, diversity, and inclusion within the medical profession. • Define the evidence regarding causal mechanisms of inequity. • Recognize the types of interventions that can target root causes of inequity.
10:35 – 10:50am	Question and Answer Period
10:50 – 11:50am	<p>Resident Competition (41-46) <i>Moderators: Reshma Jagsi, David Bowes</i></p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Discuss the top ranked resident research projects in radiation oncology across Canada. • Explore toxicity profiles with novel radiation approaches.
10:50 – 10:57am	<p>41 HEARING LOSS AFTER RADIATION AND CHEMOTHERAPY FOR CENTRAL NERVOUS SYSTEM AND HEAD AND NECK TUMOURS IN CHILDREN Zhihui Amy Liu, Vicky Papaioannou, Eric Bouffet, David Hodgson, Dana Keilty, Mohammad Khandwala, Ryan Yee, Normand Laperriere, Sameera Ahmed, Donald Mabbott, Sharon L. Cushing, Vijay Ramaswamy, Uri Tabori, Annie Huang, Ute Bartels, Derek S. Tsang University of Toronto, Toronto, ON</p>
10:57 – 11:00am	Question and Answer Period
11:00 – 11:07am	<p>42 UNDERSTANDING END-OF-LIFE CANCER CARE IN CANADA: AN UPDATED 12-YEAR RETROSPECTIVE ANALYSIS OF THREE-PROVINCES' ADMINISTRATIVE HEALTH CARE DATA Amanda Khan¹, Hsien Seow², Rinku Sutradhar³, Stuart Peacock⁴, Kelvin Chan³, Fred Burge⁵, Kim McGrail⁶, Beverley Lawson⁵, Adam Raymakers⁷, Lisa Barbera¹ ¹University of Calgary, Calgary, AB ²McMaster University, Hamilton, ON ³University of Toronto, Toronto, ON ⁴Simon Fraser University, Burnaby, BC ⁵Dalhousie University, Halifax, NS ⁶University of British Columbia, Vancouver, BC ⁷British Columbia Cancer Agency, Vancouver, BC</p>
11:07 – 11:10am	Question and Answer Period
11:10 – 11:17am	<p>43 PREDICTORS OF TOXICITY IN A RANDOMIZED STUDY OF HYPOFRACTIONATED VERSUS CONVENTIONAL RADIOTHERAPY FOR GLIOBLASTOMA: DOSIMETRIC ANALYSIS OF ORGANS AT RISK Fan Yang, Deepak Dinakaran, Amr A Heikal, Sunita Ghosh, John Amanie, Albert Murtha, Wilson Roa, Lindsay Rowe, Samir Patel University of Alberta, Edmonton, AB</p>
11:17 – 11:20am	Question and Answer Period

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TIME	EVENT
11:20 – 11:27am	<p>44 CERVICAL CANCER PATIENT REPORTED GASTROINTESTINAL OUTCOMES: INTENSITY/VOLUMETRIC MODULATED VERSUS 3D CONFORMAL RADIATION THERAPY Ryan Urban¹, Justin Wong¹, Peter Lim¹, Susan Zhang¹, Ingrid Spadinger¹, Robert Olson², Francois Bachand³, Clement Ho⁴, Anna Tinker¹, Lovedeep Gondara¹, Sarah Hamilton¹ ¹University of British Columbia, Vancouver, BC ²University of British Columbia, Prince George, BC ³University of British Columbia, Kelowna, BC ⁴University of British Columbia, Surrey, BC</p>
11:27 – 11:30am	Question and Answer Period
11:30 – 11:37am	<p>45 PATIENT-DERIVED XENOGRAFT ENGRAFTMENT PREDICTS ORAL CAVITY CANCER OUTCOMES Badr Id Said, Ailles Laurie, Christina Karamboulas, Jalna Meens, Shao Hui Huang, Wei Xu, Sareh Keshavarzi, Scott V. Bratman, B.C. John Cho, Meredith Giuliani, Ezra Hahn, John Kim, Brian O'Sullivan, Jolie Ringash, John Waldron, Anna Spreafico, John R. de Almeida, Douglas B. Chepeha, Jonathan C. Irish, David P. Goldstein, Andrew Hope, Ali Hosni University of Toronto, Toronto, ON</p>
11:37 – 11:40am	Question and Answer Period
11:40 – 11:47am	<p>46 YOUR VOICE MATTERS DURING COVID-19: EVALUATION OF DIGITAL DIVIDES ACROSS A TERTIARY CANCER CENTRE Amir H. Safavi¹, Mike Lovas², Damon Pfaff³, Zihui Amy Liu¹, Sheena Melwani², Tran Truong², Shayla Devonish², Nazek Abdelmutfi², Danielle L. Rodin¹, Alejandro Berlin¹ ¹University of Toronto, Toronto, ON ²Princess Margaret Cancer Centre, Toronto, ON ³University Health Network, Toronto, ON</p>
11:47 – 11:50am	Question and Answer Period
11:50 – 12:30pm	Lunch / Visit the Virtual Exhibit Hall
12:00 – 12:20pm	Yoga
11:55 – 12:25pm	<p>Concurrent Poster Walk</p> <p>Education <i>Lead: Joanne Alfieri</i></p> <p>119 WHEN ALL LEARNERS WENT ONLINE: ENHANCING AN ONCOLOGY EDUCATION WEBSITE WITH THE ADDITION OF ASSESSMENT TO INFORM EVALUATION Christopher Galbraith¹, Connor Bohlken¹, Paris-Ann Ingledew² ¹University of British Columbia, Prince George, BC ²University of British Columbia, Vancouver, BC</p> <p>120 CREATION OF A NATIONAL IN-TRAINING EXAMINATION IN RADIATION ONCOLOGY – IMPACT EVALUATION Sarah Kordlouie¹, David Bowes², Barbara Strang³, Jennifer Croke⁴, Meredith Giuliani⁴, Paris-Ann Ingledew⁵, Joanne Alfieri¹ ¹McGill University, Montreal, QC ²Dalhousie University, Halifax, NS ³McMaster University, Hamilton, ON ⁴University of Toronto, Toronto, ON ⁵University of British Columbia, Vancouver, BC</p>

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TIME	EVENT
11:55 – 12:25pm	<p>Concurrent Poster Walk (cont'd)</p> <p>Education</p> <p>121 FEEDBACK DELIVERY IN AN ACADEMIC CANCER CENTRE: REFLECTIONS FROM AN R2C2-BASED MICROLEARNING COURSE Amir H. Safavi¹, Janet Papadakos², Tina Papadakos², Naa Kwarley Quartey², Karen Lawrie², Eden Klein², Sarah Storer², Jennifer Croke¹, Barbara-Ann Millar¹, Raymond Jang¹, Andrea Bezjak¹, Meredith E. Giuliani¹ ¹University of Toronto, Toronto, ON ²Princess Margaret Cancer Centre, Toronto, ON</p> <p>122 REMOTE CONTOURING AND VIRTUAL REVIEW DURING THE COVID-19 PANDEMIC (RECOVR-COVID19): RESULTS OF A QUALITY IMPROVEMENT INITIATIVE FOR VIRTUAL RESIDENT TRAINING IN RADIATION ONCOLOGY Andrew Arifin, Rohann Correa, Christopher Goodman, Joanna Laba, Robert Dinniwell, David Palma, Timothy Nguyen Western University, London, ON</p> <p>123 DO SUSTAINABLE PALLIATIVE SINGLE FRACTION RADIOTHERAPY PRACTICES PROLIFERATE OR PERISH 2 YEARS AFTER A KNOWLEDGE TRANSLATION CAMPAIGN? Shaheer Shahhat¹, Julian Kim¹, Nikesh Hanumanthappa¹, Youn Tae Chung¹, James Beck¹, Rashmi Koul¹, Bashir Bashir¹, Andrew Cooke¹, Arbind Dubey¹, James Butler¹, Maged Nashed¹, William Hunter², Shrinivas Rathod¹, Aldrich Ong¹, Kim Tran³ ¹University of Manitoba, Winnipeg, MB ²CancerCare Manitoba, Winnipeg, MB ³Canadian Partnership Against Cancer, Toronto, ON</p>
11:55 – 12:25pm	<p>Concurrent Poster Walk</p> <p>Population Science – COVID <i>Lead: Corinne Doll</i></p> <p>131 PREDICTING ONCOLOGIC SURVIVAL OUTCOMES USING MACHINE LEARNING AND LARGE-SCALE REGISTRY DATA – THE BC CANCER REGISTRY EXPERIENCE Rachel Zhao¹, Melodie Kim¹, Arshdeep Marwaha¹, Terry Stubbs¹, Prableen Sandhu¹, Dylan Narinesingh², Iulian Badragan², Ryan Proulx³, Andra Krauze² ¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Surrey, BC ³Safe Software, Surrey, BC</p> <p>132 CHANGES IN THE INCIDENCE OF CERVICAL SQUAMOUS CARCINOMA/CARCINOMA IN SITU IN ONTARIO FOLLOWING THE APPROVAL OF A HUMAN PAPILLOMAVIRUS VACCINE Hanbo Chen, Eric Leung, Lilian Gien, Katarzyna Jerzak, Elizabeth Barnes, Elysia Donovan, Amandeep Taggar, Allan Covens, Ray Osborne, Helen Mackay, Danielle Vicus, Rachel Kupets University of Toronto, Toronto, ON</p> <p>134 ILLUMINATING THE GAP: DEFINING CHILDCARE NEEDS FOR CANCER PATIENTS AND THEIR FAMILIES Mackenzie MacDonald¹, Katherine Preston¹, Meredith Giuliani², Bonnie Leung¹, Barb Melosky¹, Christine Simmons¹, Sarah Hamilton¹, Anna Tinker¹, Paris-Ann Ingledew¹ ¹University of British Columbia, Vancouver, BC ²University of Toronto, Toronto, ON</p>

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TIME	EVENT
11:55 – 12:25pm	<p>Concurrent Poster Walk (cont'd)</p> <p>Population Science – COVID</p> <p>135 PATIENT REPORTED OUTCOMES IN BREAST CANCER: DEVELOPMENT AND VALIDATION OF A NOVEL AND CLINICALLY USEFUL QUESTIONNAIRE Kerensa Medhurst¹, Fuchsia Howard², Theodora Koulis³, Maryam Dosani⁴, Susan Dahinten², Paul Willinsky², Robert Olson¹ ¹University of British Columbia, Prince George, BC ²University of British Columbia, Vancouver, BC ³University of British Columbia, Kelowna, BC ⁴University of British Columbia, Victoria, BC</p> <p>136 PREVALENCE OF PALLIATIVE RADIOTHERAPY ABSTRACTS PRESENTED AT ANNUAL SCIENTIFIC MEETINGS OF THE CANADIAN ASSOCIATION OF RADIATION ONCOLOGY: 2009-2020 Saveen Sidhoo¹, Jyote Boora¹, Sunita Ghosh², Alys Fairchild¹ ¹University of Alberta, Edmonton, AB ²Cross Cancer Institute, Edmonton, AB</p>
12:30 – 1:30pm	<p>Concurrent 3 – Oral Session 6 – Stereotactic Radiosurgery (47-52) <i>Moderators: Houda Bahig, Alexander Louie</i></p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Describe the most recent advances in radiosurgery and its impact on treatment outcomes. • Discuss important factors related to quality of treatment planning and delivery.
12:30 – 12:37pm	<p>47 EFFICACY AND TOXICITY OF STEREOTACTIC BODY RADIOTHERAPY FOR LOCALIZED PROSTATE CANCER: A FOURTEEN YEAR STUDY Alan Katz¹, Josephine Kang² ¹University of Rochester, Rochester, NY ²Weill Cornell Medicine, New York, NY</p>
12:37 – 12:40pm	<p>Question and Answer Period</p>
12:40 – 12:47pm	<p>43 INTERMITTENT ANDROGEN DEPRIVATION THERAPY PLUS COMPREHENSIVE STEREOTACTIC RADIOTHERAPY FOR OLIGOMETASTATIC PROSTATE CANCER (CROP) Patrick Cheung, Chia-Lin Tseng, Hans Chung, William Chu, Danny Vesprini, Stanley Liu, Gerard Morton, Arjun Sahgal, Hany Soliman, Sten Myrehaug, Jay Detsky, Ewa Szumacher, Peter Chung, Joelle Helou, Urban Emmenegger, Alexandre Mamedov, Anam Shahid, Liying Zhang, Andrew Loblaw University of Toronto, Toronto, ON</p>
12:47 – 12:50pm	<p>Question and Answer Period</p>
12:50 – 12:57pm	<p>49 STEREOTACTIC RADIOTHERAPY BOOST FOR DE NOVO HEAD & NECK CANCERS: A SYSTEMATIC REVIEW Michael Kim¹, Nauman Malik², Hanbo Chen³, Ian Poon³, Zain Husain³, Andrew Bayley³, Gabriel Boldt⁵, Antoine Eskander⁴, Alexander Louie³, Irene Karam³ ¹Dalhousie University, Halifax, NS ²University of Toronto, Toronto, ON ³Sunnybrook-Odette Cancer Centre, Toronto, ON ⁴Sunnybrook Health Sciences Centre, Toronto, ON ⁵London Health Sciences Centre, London, ON</p>
12:57 – 1:00pm	<p>Question and Answer Period</p>

Friday October 1, 2021

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TIME	EVENT
1:00 – 1:07pm	50 PROSPECTIVE NEUROCOGNITIVE FUNCTIONS OF PATIENTS TREATED WITH CONCURRENT NIVOLUMAB AND STEREOTACTIC BRAIN RADIOSURGERY FOR NSCLC AND RCC BRAIN METASTASES Giuseppina Laura Masucci ¹ , Olivier Boucher ¹ , Marie Florescu ¹ , Marc-Emile Plourde ² , Cynthia Ménard ¹ , Laurence Masson-Côté ² , Valérie Panet-Raymond ³ , Normand Blais ¹ , Bertrand Routy ¹ , Mustapha Tehfé ¹ , Scott Owen ² , Michel Pavic ² , David Roberge ¹ , Philip Wong ⁴ ¹ Université de Montréal, Montréal, QC ² Université de Sherbrooke, Sherbrooke, QC ³ McGill University, Montréal, QC ⁴ University of Toronto, Toronto, ON
1:07 – 1:10pm	Question and Answer Period
1:10 – 1:17pm	51 A PROGNOSTIC MODEL FOR PATIENTS WITH OLIGOMETASTATIC DISEASE TREATED WITH STEREOTACTIC BODY RADIATION THERAPY Hanbo Chen ¹ , Eshetu Atenafu ¹ , Darby Erler ¹ , Ian Poon ¹ , Roi Dagan ² , Kristin Redmond ³ , Matthew Foote ⁴ , Serena Badellino ⁵ , Tithi Biswas ⁶ , Umberto Ricardi ⁵ , Arjun Sahgal ¹ , Alexander Louie ¹ ¹ University of Toronto, Toronto, ON ² University of Florida, Jacksonville, FL ³ Johns Hopkins University, Baltimore, MD ⁴ University of Queensland, Australia, AU ⁵ University of Torino, IT ⁶ Case Western Reserve University, Cleveland, OH
1:17 – 1:20pm	Question and Answer Period
1:20 – 1:27pm	52 IMPACT OF STEREOTACTIC BODY RADIOTHERAPY (SBRT) IN OLIGOPROGRESSIVE METASTATIC DISEASE Sherif Ramadan, Kimmen Quan, Kara Schnarr, Rosalyn A Juergens, Sebastien J Hotte, Anil Kapoor, Brandon M Meyers, Anand Swaminath McMaster University, Hamilton, ON
1:27 – 1:30pm	Question and Answer Period
12:30 – 1:30pm	Concurrent 3 – Oral Session 7 – Breast and Gynecological Cancer (53-58) <i>Moderators: Jennifer Croke, Maryam Dosani</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Discuss advances in radiotherapy delivery for breast cancer. • Explore the impact of advanced in radiotherapy on gynecological cancers outcomes.
12:30 – 12:37pm	53 A RETROSPECTIVE STUDY OF LOW-RISK, NODE-POSITIVE PATIENTS ELIGIBLE FOR THE CANADIAN CANCER TRIAL GROUP MA.39 (TAILOR RT) RANDOMIZED TRIAL OF REGIONAL NODAL RADIOTHERAPY Daegan Sit ¹ , Nafisha Lalani ¹ , Elisa Chan ¹ , Eric Tran ¹ , Caroline Speers ² , Lovedeep Gondara ² , Caroline Lohrisch ¹ , Karen Gelmon ¹ , Alan Nichol ¹ ¹ University of British Columbia, Vancouver, BC ² British Columbia Cancer Agency, Vancouver, BC
12:37 – 12:40pm	Question and Answer Period

Friday October 1, 2021

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TIME	EVENT
12:40 – 12:47pm	<p>54 INTERNATIONAL EXPERT DELPHI CONSENSUS GUIDELINES FOR THE USE OF BOLUS IN POST MASTECTOMY RADIATION THERAPY Hannah Dahn¹, Liesbeth Boersma², Dirk de Ruyscher², Icro Meattini³, Birgitte Offersen⁴, Jean-Philippe Pignol¹, Cynthia Aristei⁵, Dori Benjamin⁶, Nuran Bese⁷, Charlotte Coles⁸, Pierfrancesco Franco⁹, Alice Ho¹⁰, Sandra Hol¹¹, Reshma Jaggi¹², Anna Kirby¹², Livia Marrazzo¹³, Gustavo Marta¹⁴, Meena Moran¹⁵, Alan Nichol¹⁶, Henrik Dahl Nissen¹⁷, Vratislav Strnad¹⁸, Yvonne Zissiadis¹⁹, Philip Poortmans²⁰, Orit Kaidar-Person⁶ ¹Dalhousie University, Halifax, NS ²Maastricht University Medical Centre, Maastricht, NL ³Azienda Ospedaliero-Universitaria Careggi, Florence, IT ⁴Aarhus University Hospital, Aarhus, DK ⁵University of Perugia, Perugia, IT ⁶Sheba Medical Center, Ramat Gan, IL ⁷Research Institute of Senology Acibadem, Istanbul, TR ⁸University of Cambridge, Cambridge, UK ⁹University Hospital "Maggiore della Carità, Novara, IT ¹⁰Massachusetts General Hospital, Boston, MA ¹¹Instituut Verbeeten, Tilburg, UK ¹²Royal Marsden NHS Foundation Trust, UK ¹³Careggi University Hospital, Florence, IT ¹⁴Hospital Sírio-Libanês, São Paulo, BR ¹⁵Yale School of Medicine, New Haven, CT ¹⁶British Columbia Cancer Agency, Vancouver, BC ¹⁷Vejle Hospital, Beriderbakken, DK ¹⁸University Hospital Erlangen, Erlangen, GER ¹⁹GenesisCare, Denmark WA, AU ²⁰University of Antwerp, Antwerp, BE</p>
12:47 – 12:50pm	Question and Answer Period
12:50 – 12:57pm	<p>55 PREDICTORS OF LOCOREGIONAL RECURRENCE AND SURVIVAL OUTCOMES IN BREAST CANCER TREATED WITH MODERN NEOADJUVANT CHEMOTHERAPY: A CONTEMPORARY ANALYSIS OF PATIENTS TREATED IN BRITISH COLUMBIA Sonja Murchison¹, Alan Nichol², Caroline Speers², Lovedeep Gondara², Nathalie Levasseur², Caroline Lohrisch², Pauline Truong¹ ¹University of British Columbia, Victoria, BC ²University of British Columbia, Vancouver, BC</p>
12:57 – 1:00pm	Question and Answer Period
1:00 – 1:07pm	<p>56 COMPARATIVE COVERAGE OF THE SUBCUTANEOUS LAYER IN THE BREAST AND CHEST WALL USING MONTE CARLO CALCULATION AT VARIOUS ENERGIES Dylan Narinesingh, Alan Nichol, Alanah Bergman, Tony Popescu University of British Columbia, Vancouver, BC</p>
1:07 – 1:10pm	Question and Answer Period
1:10 – 1:17pm	<p>57 STEREOTACTIC PELVIC ADJUVANT RADIATION THERAPY IN CANCERS OF THE UTERUS (SPARTACUS): A MULTI-CENTRE PROSPECTIVE TRIAL EVALUATING ACUTE TOXICITIES AND PATIENT REPORTED OUTCOMES Eric Leung¹, Adam Gladwish¹, Melanie Davidson¹, Amandeep Taggar¹, Elizabeth Barnes¹, Elysia Donovan¹, Lilian Gien¹, Allan Covens¹, Danielle Vicus¹, Rachel Kupets¹, Kathy Han¹, Vikram Velker², Lucas Mendez², Helen MacKay¹, Patrick Cheung¹, Andrew Loblaw¹, David D'Souza² ¹University of Toronto, Toronto, ON ²Western University, London, ON</p>
1:17 – 1:20pm	Question and Answer Period

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TIME	EVENT
1:20 – 1:27pm	58 USE OF ROBOTIC HYSTERECTOMY IN INTERMEDIATE-RISK ENDOMETRIAL CANCER Jiheon Song ¹ , Tien Le ¹ , Laura Hopkins ² , Michael Fung-Kee-Fung ¹ , Krystine Lupe ¹ , Marc Gaudet ¹ , Choan E ¹ , Rajiv Samant ¹ ¹ University of Ottawa, Ottawa, ON ² University of Saskatchewan, Saskatoon, SK
1:27 – 1:30pm	Question and Answer Period
12:30 – 1:30pm	Concurrent 3 – Oral Session 8 – The Variety Pack (59-64) <i>Moderators: Teri Stuckless, Amanda Caissie</i> Objectives: By the end of this session, the participants will be able to: • Discuss specific topics in radiation medicine including supportive care during radiotherapy, clinical outcomes and toxicity.
12:30 – 12:37pm	59 INCIDENCE AND RISK FACTORS FOR EUTHANASIA OR PHYSICIAN-ASSISTED SUICIDE IN ONCOLOGY PATIENTS: A SYSTEMATIC REVIEW Wei Liu ¹ , Luke Liu ¹ , Alissa Liu ² , Sang Jia ³ , Gabriel Boldt ¹ , Ian Ball ¹ , Melody Qu ¹ , Tony Liu ¹ ¹ Western University, London, ON ² University of Toronto, Toronto, ON ³ University of Manitoba, Winnipeg, MB
12:37 – 12:40pm	Question and Answer Period
12:40 – 12:47pm	60 RE-EVALUATING SURGERY AND RE-IRRADIATION FOR LOCALLY RECURRENT PEDIATRIC EPENDYMOMA – A MULTI-INSTITUTIONAL STUDY David Y. Mak ¹ , Normand Laperriere ¹ , Vijay Ramaswamy ¹ , Eric Bouffet ¹ , Jeffrey C. Murray ² , Rene Y. McNall-Knapp ³ , Kevin Bielamowicz ⁴ , Arnold C. Paulino ⁵ , Wafik Zaky ⁵ , Susan L. McGovern ⁵ , M. Fatih Okcu ⁶ , Uri Tabori ⁷ , Peter B. Dirks ⁷ , Michael D. Taylor ⁷ , Derek S. Tsang ¹ , Abhishek Bavle ⁸ ¹ University of Toronto, Toronto, ON ² Cook Children's Medical Center, Fort Worth, TX ³ University of Oklahoma Health Sciences Center, Oklahoma City, OK ⁴ University of Arkansas for Medical Sciences, Little Rock, AR ⁵ MD Anderson Cancer Centre, Houston, TX ⁶ Texas Children's Cancer Center, Houston, TX ⁷ Hospital for Sick Children, Toronto, ON
12:47 – 12:50pm	Question and Answer Period
12:50 – 12:57pm	61 SURVIVAL OUTCOMES IN PRIMARY HEAD AND NECK ADULT SARCOMA: A SYSTEMATIC REVIEW AND META-ANALYSIS Sondos Zayed, Cindy Lin, Anthony Nichols, John Yoo, Adrian Mendez, Danielle MacNeil, Kevin Fung, Jinka Sathya, Varaguar Venkatesan, Nancy Read, Pencilla Lang, Gabriel Boldt, Andrew Warner, David A. Palma Western University, London, ON
12:57 – 1:00pm	Question and Answer Period
1:00 – 1:07pm	62 OPTIMAL MANAGEMENT OF RADIATION PNEUMONITIS: PRELIMINARY FINDINGS OF AN INTERNATIONAL DELPHI CONSENSUS STUDY Indu Voruganti ¹ , Cicely Cunningham ² , Lorraine McLeod ² , Stephen Harrow ² , Alexander Louie ³ ¹ University of Toronto, Toronto, ON ² NHS Greater Glasgow and Clyde, Glasgow, UK ³ Sunnybrook-Odette Cancer Centre, Toronto, ON
1:07 – 1:10pm	Question and Answer Period

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TIME	EVENT
1:10 – 1:17pm	63 CARDIAC CORONARY RADIATION DOSE AND PATIENT RISK FACTORS FOR PREDICTING MAJOR ADVERSE CARDIAC EVENTS IN PATIENTS WITH LUNG CANCER Michael Tjong ¹ , Danielle S Bitterman ² , Kristen Brantley ² , Anju Nohria ² , Udo Hoffmann ² , Katelyn M Atkins ³ , Raymond H Mak ¹ ¹ University of Toronto, Toronto, ON ² Harvard University, Boston, MA ³ Cedars Sinai, Los Angeles, CA
1:17 – 1:20pm	Question and Answer Period
1:20 – 1:27pm	64 PREDICTORS OF HIGHER RADIATION DOSE IN RECTAL CANCER PATIENTS TREATED WITH NEOADJUVANT CHEMORADIATION Fan Yang, Jordan Hill, Aswin Abraham, Sunita Ghosh, Tanner Steed, Clay Kurtz, Kurian Joseph, Jihyun Yun, Brad Warkentin, JoAnn Thai, Tirath Nijjar, Diane Severin, Keith Tankel, Alysa Fairchild, Nawaid Usmani University of Alberta, Edmonton, AB
1:27 – 1:30pm	Question and Answer Period
1:30 – 2:00pm	Break
2:00 – 3:00pm	Fellow Competition (65-70) <i>Moderators: Jolie Ringash, David Wu</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Discuss the top scored Canadian Radiation Oncology Fellow research projects.
2:00 – 2:07pm	65 A NOVEL COMPOSITE BIOMARKER PANEL FOR DETECTION OF EARLY STAGE NON-SMALL CELL LUNG CANCER Aswin Abraham, Eric Bedard, Anil Abraham Joy, Sunita Ghosh, Xiaoyu Wang, Andrew Lim, Dongyu Shao, Wilson Roa University of Alberta, Edmonton, AB
2:07 – 2:10pm	Question and Answer Period
2:10 – 2:17pm	66 LOCAL CONTROL IN TUMOUR-TARGETED DOSE ESCALATION FOR LOCALIZED PROSTATE CANCER: A REPORT ON THE TARGET STUDY Jerusha Padayachee ¹ , Noelia Sanmamed ¹ , Jenny Lee ¹ , Zhihui Liu ¹ , Alejandro Berlin ¹ , Bernadeth Lao ¹ , Alexandra Rink ¹ , Tim Craig ¹ , Andrew Bayley ¹ , Charles Catton ¹ , Aravindhan Sundaramurthy ² , Warren Foltz ¹ , Andrew McPartlin ³ , Sangeet Ghai ¹ , Eshetu Atenafu ¹ , Mary Gospodarowicz ¹ , Pdraig Warde ¹ , Joelle Helou ¹ , Srinivas Raman ¹¹ , Cynthia Ménard ⁴ , Peter Chung ¹ ¹ University of Toronto, Toronto, ON ² University of Edinburgh Cancer Research Centre, Edinburgh, UK ³ University of Manchester, Manchester, UK ⁴ université de montréal, Montreal, QC
2:17 – 2:20pm	Question and Answer Period
2:20 – 2:27pm	67 QUALITY OF LIFE OUTCOMES AFTER SALVAGE BRACHYTHERAPY FOR LOCALLY RECURRENT PROSTATE CANCER Inmaculada Navarro ¹ , Lisa Joseph ¹ , Zhihui (Amy) Liu ¹ , Alejandro Berlin ¹ , Joelle Helou ¹ , Srinivas Raman ¹ , Robert Weersink ¹ , Alexandra Rink ¹ , Bernadeth Lao ¹ , Cynthia Ménard ² , Peter Chung ¹ ¹ University of Toronto, Toronto, ON ² Centre Hospitalier de l'Université de Montréal, Montreal, QC
2:27 – 2:30pm	Question and Answer Period

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TIME	EVENT
2:30 – 2:37pm	68 A PROSPECTIVE STUDY OF MR-GUIDED FOCAL SALVAGE HIGH DOSE-RATE BRACHYTHERAPY FOR RADIORECURRENT PROSTATE CANCER: UPDATED RESULTS OF 30 PATIENTS Mark T. Corkum ¹ , Gerard Morton ¹ , Andrew Loblaw ¹ , Chia-Lin Tseng ¹ , Jure Murgic ² , Ananth Ravi ¹ , Melanie Davidson ¹ , Matt Wronski ¹ , Masoom Haider ³ , Hans T. Chung ¹ ¹ Sunnybrook-Odette Cancer Centre, Toronto, ON ² University Hospital Center Sestre Milosrdnice, Zagreb, HR ³ University of Toronto, Toronto, ON
2:37 – 2:40pm	Question and Answer Period
	69 WITHDRAWN
2:40 – 2:47pm	70 AFTER ASCENDE-RT: OUTCOMES OF ANDROGEN DEPRIVATION, EXTERNAL BEAM RADIATION AND LDR BRACHYTHERAPY BOOST FOR HIGH-TIER INTERMEDIATE AND HIGH RISK PROSTATE CANCER TREATED AT BC CANCER KELOWNA Jack Zheng, Francois Bachand, Ross Halperin, David Kim, David Petrik, Juanita Crook University of British Columbia, Kelowna, BC
2:47 – 2:50pm	Question and Answer Period
2:50 – 3:05pm	Awards Jennifer Croke, Sarah Hamilton Closing Meredith Giuliani
3:20 – 4:50pm	Annual General Meeting – Secretariat Central

Education Sessions

Please note these dates!

Tuesday, October 5, 2021

12:30 – 1:30 ET

Radiation Oncology Patient Education in the COVID-19 Era: Evolving Opportunities and Challenges

Paris-Ann Ingledew, Meredith Giuliani, Laura Nimmon, Carolyn Canfield

Objectives: By the end of this session, the participants will be able to:

- Describe best practices for patient education for radiation oncology patients.
- Assess how models such as complex adaptive system approaches can help to illuminate gaps in education and patient care.
- Explore new models of patient education delivery in the era of COVID-19.
- Describe ways to empower patients and health care professionals to collaboratively interact with digital technologies for the purposes of patient education.

Wednesday, October 6, 2021

12:30 – 1:30 ET

A Practical Approach to Head and Neck Stereotactic Ablative Radiotherapy

Houda Bahig, Jack Phan, Ian Poon

Objectives: By the end of this session, the participants will be able to:

- Review current literature on head and neck SABR (re-irradiation and previously untreated).
- Describe head and neck SABR planning technique, including the particular aspects of immobilization, contouring, prescription, dose constraints and image guidance.
- Discuss practical clinical experience related to patients' selection, management of toxicities and expected outcomes.
- Recognize the current knowledge gaps and become familiar with current Canadian and International clinical trials addressing these gaps.

Thursday, October 7, 2021

12:30 – 1:30 ET

Navigating the Land of Re-tweets & Twitter Trolls: How to use Social Media to Improve Health Professional Learning & Knowledge Translation

Julianna Sienna, Ian Pereira

Objectives: By the end of this session, the participants will be able to:

- Describe how social media engagement improves radiation oncology education, innovation, and clinical care.
- Recognize the benefits and risks of social media for health professionals.
- Develop competence to improve online communication (including scientific communication with peers and the public).
- Develop competence to manage unprofessional behaviours online (including personal risk, bad bots, & cyberbullying).

Posters

Abstract #71-176

NO.	ABSTRACT TITLE
71	BREAST DEFORMATIONS MEASURED WITH CONE BEAM COMPUTED TOMOGRAPHY DURING ADJUVANT RADIOTHERAPY FOR BREAST CANCER Lisa Perron-Gagnon, Louis Archambault, Nicolas Varfalvy, Ophelie Piron, Valérie Théberge CHU de Québec-Université Laval, Québec, QC
72	APOPTOSIS AND SENESCENCE IN LOCALIZED PROSTATE CANCER TISSUES TREATED WITH HDR-BT BOOST WITH RADIOTHERAPY (EBRT) AND ADT Imen Chebra, Damien Carignan, Martine Périgny, Andre-guy Martin, William Foster, Éric Vigneault Université de Laval, Québec, QC
73	CRANIAL RADIOTHERAPY AS SALVAGE TREATMENT IN RELAPSED PRIMARY CNS LYMPHOMAS: A SINGLE-CENTRE RETROSPECTIVE ANALYSIS Matthew Volpini, Jiheon Song, Rajiv Samant, David MacDonald, Vimoj Nair University of Ottawa, Ottawa, ON
74	NOVEL USE OF OPTICAL SCANNER AND 3D PRINTING TECHNOLOGY IN NASAL SKIN TUMOURS. A LOOK INTO CLINICAL OUTCOMES- A CASE SERIES Jui Chih Cheng, Ahmet Leylek, James Beck, David Sasaki, Arbind Dubey University of Manitoba, Winnipeg, MB
75	A SYSTEMATIC REVIEW OF INTRAFRACTION PATIENT MOTION DURING LINEAR ACCELERATOR-BASED SPINAL RADIATION THERAPY Adam Mutsaers, Stephanie Gulstene, Timothy K. Nguyen Western University, London, ON
76	MANAGEMENT DELAYS IN LOW-DOSE-RATE BRACHYTHERAPY ARE ASSOCIATED WITH AN INCREASED INCIDENCE OF RECURRENCE AND METASTASES IN INTERMEDIATE-RISK PROSTATIC CARCINOMA Rutvij Khanolkar, Harvey Quon, Kundan Thind, Michael Sia, Michael Roumeliotis, Siraj Husain, Philip McGeachy, Tyler Meyer, Kevin Martell University of Calgary, Calgary, AB
77	MARGIN PLANNING IN PERMANENT BREAST SEED IMPLANT BRACHYTHERAPY: DOES INCORPORATING SURGICAL MARGINS MAKE A DIFFERENCE? Claire Zhang, Michelle Hilts, Deidre Batchelar, Juanita Crook British Columbia Cancer Agency, Kelowna, BC
78	ARE THE RISK GROUPS USED FOR EXTERNAL BEAM TREATMENT OF PROSTATE CANCER APPROPRIATE FOR LDR BRACHYTHERAPY? Juanita Crook ¹ , Howard Thames ² , Chad Tang ² , Pierre Blanchard ² , Jeremiah Sanders ² , Jay Ciezki ³ , Mira Keyes ⁴ , WJ Morris ⁴ , Gregory Merrick ⁵ , Charles Catton ⁶ , Hamid Raziee ⁴ , Richard Stock ⁷ , Francis J Sullivan ⁸ , Mitch Anscher ² , Jeremy Millar ⁹ , Steven Frank ² ¹ University of British Columbia, Kelowna, BC ² University of Texas, Houston, TX ³ Case Western Reserve University, Cleveland, OH ⁴ University of British Columbia, Vancouver, BC ⁵ University of West Virginia, Wheeling, WV ⁶ University of Toronto, Toronto, ON ⁷ Mount Sinai Medical School, New York, NY ⁸ University of Galway, Galway, IE ⁹ University of Melbourne, Melbourne, AU
79	A SYSTEMATIC REVIEW OF INTRALUMINAL HIGH DOSE RATE BRACHYTHERAPY IN THE MANAGEMENT OF MALIGNANT BILIARY TRACT OBSTRUCTION AND CHOLANGIOCARCINOMA Amandeep Taggar ¹ , Paveen Mann ² , Michael Folkert ³ , Shahdrad Aliakbari ¹ , Sten Myrehaug ¹ , Laura Dawson ¹ ¹ University of Toronto, ON ² Sunnybrook Health Sciences Centre, Toronto, ON ³ University of Texas Southwestern Medical Center, Dallas, TX

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80	<p>DEVELOPMENT AND DESIGN OF CUSTOM 3D PRINTED CYLINDRICAL TEMPLATES FOR INTERSTITIAL GYNECOLOGICAL BRACHYTHERAPY Michael Kudla-Hooper, Deidre Batchelar, Jocelyn Moore, Juanita Crook, Francois Bachand University of British Columbia, Kelowna, BC</p>
81	<p>EFFECTS OF ANDROGEN DEPRIVATION THERAPY (ADT) COMBINED WITH RADIOTHERAPY (EBRT) AND HDR-BT BOOST ON DNA REPAIR MARKERS IN PROSTATE CARCINOMA Imen Chebra, Damien Carignan, Martine Périgny, Andre-guy Martin, William Foster, Éric Vigneault Université de Laval, Laval, QC</p>
82	<p>A POPULATION-BASED STUDY OF OUTCOMES IN ADJUVANT RADIOTHERAPY FOR STAGE II ENDOMETRIAL CARCINOMA Nataliya Moldovan, Pascal Lambert, Aldrich Ong, Alon Altman University of Manitoba, Winnipeg, MB</p>
83	<p>IMMERSIVE VIRTUAL REALITY PROSTATE BRACHYTHERAPY TRAINING Jack Zheng, Francois Bachand Juanita Crook University of British Columbia, Kelowna, BC</p>
84	<p>HYPOFRACTIONATED RADIOTHERAPY FOR BREAST CANCER: FINDINGS FROM AN INTERNATIONAL ESTRO-GIRO SURVEY Melinda Mushonga, Jessica Weiss, Amy Zhihui Liu, Danielle Rodin University of Toronto, Toronto, ON</p>
85	<p>THE USE OF BOLUS IN POSTMASTECTOMY RADIATION THERAPY FOR BREAST CANCER: A SYSTEMATIC REVIEW Hannah Dahn¹, Liesbeth Boersma², Dirk de Ruyscher³, Icro Meattini⁴, Birgitte Offersen⁵, Jean-Philippe Pignol¹, Yazid Belkacemi⁶, Dori Benjamin⁷, Nuran Bese⁸, Charlotte Coles⁹, Pierfrancesco Franco¹⁰, Alice Ho¹¹, Sandra Hol¹², Reshma Jaggi¹³, Anna Kirby¹³, Livia Marrasso¹⁴, Gustavo Marta¹⁵, Meena Moran¹⁶, Alan Nichol¹⁷, Henrik Dahl Nissen¹⁸, Vratislav Strnad¹⁹, Yvonne Zissiadis²⁰, Cynthia Aristei²¹, Philip Poortman²², Orit Kaidar-Person⁷ ¹Dalhousie University, Halifax, NS ²Maastricht University Medical Centre, Maastricht, NL ³Maastricht University, Maastricht, NL ⁴Azienda Ospedaliero-Universitaria Careggi, Florence, IT ⁵Aarhus University Hospital, Aarhus, DK ⁶University of Paris-Est (UPEC), Creteil, FR ⁷Sheba medical Center, Ramat Gan, IL ⁸Research Institute of Senology Acibadem, Istanbul, TR ⁹University of Cambridge, Cambridge, UK ¹⁰University Hospital "Maggiore della Carità, Novara, IT ¹¹Massachusetts General Hospital, Boston, MA ¹²Instituut Verbeeten, Tilburg, NL ¹³Royal Marsden NHS Foundation Trust, Sutton, UK ¹⁴Careggi University Hospital, Florence, IT ¹⁵Hospital Sírio-Libanês, São Paulo, BR ¹⁶Yale School of Medicine, New Haven, CT ¹⁷British Columbia Cancer Agency, Vancouver, BC ¹⁸Vejle Hospital, Beriderbakken, DK ¹⁹University Hospital Erlangen, Erlangen, DE ²⁰GenesisCare, Denmark WA, AU ²¹Perugia, IT ²²University of Antwerp, Antwerp, DE</p>
86	<p>PREDICTIVE FACTORS OF SURVIVAL AFTER NEOADJUVANT RADIOTHERAPY AND CHEMOTHERAPY IN HIGH-RISK BREAST CANCER Christiane Matuschek¹, Wilfried Budach¹, Balint Tamaskovics¹, Johannes Fischer¹, Edwin Boelke¹, Stefanie Corradini², Kai Kammerers³, Carolin Nestle Kraemling¹, Tanja Fehm¹, Sylvia Wollandt¹, Vanessa Speer¹, Jan Haussmann¹ ¹Heinrich Heine University, Dusseldorf, DE ²University Hospital LMU, Munich ³Johns Hopkins University, Baltimore, Maryland</p>

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87	IMPACT OF THE COVID-19 PANDEMIC ON RADIOTHERAPY PATTERNS OF PRACTICE FOR CURATIVE INTENT BREAST CANCER PATIENTS Donna Liao, Kawalpreet Singh, Joelle Helou, Anthony Fyles, Ezra Hahn, Kathy Han, Naghmeh Isfahanian, Danielle Rodin, Aisling Barry, Fei-Fei Liu, Grace Lee, Amy Liu, Srini Raman, Alejandro Berlin, Michael Milosevic, Anne Koch, Jennifer Croke University of Toronto, Toronto, ON
88	RADIOTHERAPY FOR PATIENTS WITH METASTATIC BREAST CANCER TREATED WITH CYCLIN-DEPENDENT KINASE 4/6 INHIBITORS: A PROVINCIAL MULTI-INSTITUTIONAL REVIEW OF SAFETY AND TOXICITY Abdulla Al-Rashdan, Carla Amaro, Sasha Lupichuk, Michael Roumeliotis, Sarah Quirk, Lisa Barbera, Jeffrey Cao University of Calgary, Calgary, AB
89	IS POST-OPERATIVE RADIOTHERAPY NEEDED IN THE MANAGEMENT OF ADULT CRANIOPHARYNGIOMAS? Julia Khriouian, Marwan Tolba, Farzin Khosrow-Khavar, Sarah Kordlouie, Denis Sirhan, George Shenouda, Bassam Abdulkarim, Marie-Christine Guiot, Luis Souhami, Valerie Panet-Raymond McGill University, Montreal, QC
90	UNDERSTANDING THE POTENTIAL IMPROVEMENTS IN NEUROCOGNITION AFTER RADIATION TREATMENT OF BRAIN TUMOURS WITH PROTON THERAPY Mariana Petruccelli, Amy Parent, Michael Holwell, Normand Laperriere, Barbara-Ann Millar, David Shultz, Zhihui Amy Liu, Victor Malkov, Kim Edelstein, Derek Tsang University of Toronto, Toronto, ON
91	MULTIPLE TUMOUR BOARD REVIEW OF PATIENTS REFERRED FOR CNS IRRADIATION Chalina Huynh, Pavanpreet Soos, Alysa Fairchild University of Alberta, Edmonton, AB
92	ANAL CANAL CANCER TREATMENT OUTCOMES FROM A SINGLE INSTITUTION IN EIGHTEEN YEARS Nitin Rai, Ming Pan Western University, Windsor, ON
93	A SINGLE INSTITUTION RETROSPECTIVE STUDY OF PALLIATIVE RADIOTHERAPY FOR PANCREATIC CANCER Randa Kamel ² , Suzanne Comino ¹ , Kristopher Dennis ² ¹ The Ottawa Hospital, Ottawa, ON ² University of Ottawa, Ottawa, ON
94	A CONTOURING GUIDELINE FOR THE FULL ABDOMINOPELVIC BOWEL BAG ON TREATMENT PLANNING- AND CONE BEAM CT IMAGES; FOUNDATIONAL WORK FOR ASSESSMENTS OF OBSERVER VARIABILITY, DAILY MOTION AND AUTOMATED CONTOURING. Elizabeth Orton ¹ , Elsayed Ali ² , Keren Mayorov ³ , Kristopher Dennis ² ¹ The Ottawa Hospital, Ottawa, ON ² University of Ottawa, Ottawa, ON ³ Carleton University, Ottawa, ON
95	SALVAGE EXTERNAL BEAM RADIOTHERAPY AFTER HIFU FAILURE IN LOCALIZED PROSTATE CANCER: A SINGLE INSTITUTION EXPERIENCE Vanessa Di Lalla, Maurice Anidjar, Boris Bahoric, Victor McPherson, Cristiano Ferrario, Stephan Probst, Tamim Niazi, Sara Elakshar McGill University, Montréal, QC
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97	<p>4-YEAR PSA RESPONSE RATE AS A PREDICTIVE MEASURE IN INTERMEDIATE RISK PROSTATE CANCER TREATED WITH ABLATIVE THERAPIES: THE SPRAT ANALYSIS</p> <p>Rachel Glicksman¹, Amar U Kishan², Alan J Katz³, Constantine A Mantz⁴, Sean P Collins⁵, Donald B Fuller⁶, Michael L Steinberg², David Shabsovich², Liying Zhang⁷, Andrew Loblaw¹</p> <p>¹University of Toronto, Toronto, ON ²University of California Los Angeles, Los Angeles, CA ³St. Francis Hospital, Roslyn, New York, NY ⁴st Century Oncology, Fort Myers, FL ⁵Georgetown University, Washington, DC ⁶Cyberknife Centres of San Diego Inc, San Diego, CA ⁷Sunnybrook-Odette Cancer Centre, Toronto, ON</p>
98	<p>IMPACT OF PD-L1 EXPRESSION ON ONCOLOGICAL OUTCOMES FOR PATIENTS TREATED WITH TRIMODALITY THERAPY FOR MUSCLE INVASIVE BLADDER CANCER</p> <p>Gautier Marcq, Gertruda Evaristo, Ronald Kool, Surashri Shinde-Jadhav, Rodrigo Skowronski, José João Mansure, Fabio Cury, Luis Souhami, Fadi Brimo, Wassim Kassouf</p> <p>McGill University, Montreal, QC</p>
99	<p>DENTITION RECEIVING >50GY IN THE TREATMENT OF HEAD AND NECK CANCER WITH VOLUMETRIC MODULATED ARC THERAPY</p> <p>Nathan Lee, Eric Berthelet</p> <p>University of British Columbia, Vancouver, BC</p>
100	<p>THE ROLE OF FDG-PET IN STAGING AND TREATMENT FOR STAGE III NSCLC IN ONTARIO BETWEEN 2009-2017</p> <p>Craig Beers, Greg Pond, Jim Wright, Theodoros Tsakiridis, Gordon Okawara, Anand Swaminath</p> <p>McMaster University, Hamilton, ON</p>
101	<p>A SINGLE INSTITUTION RETROSPECTIVE STUDY OF PELVIC INSUFFICIENCY FRACTURES FOLLOWING CURATIVE-INTENT PELVIC INTENSITY-MODULATED RADIATION THERAPY FOR GYNECOLOGIC, GASTROINTESTINAL AND GENITOURINARY CANCERS</p> <p>Said Al Saifi, Marc Gaudet, Scott Morgan, Alain Haddad, Krystine Lupe, Randa Kamel, Kristopher Dennis</p> <p>University of Ottawa, Ottawa, ON</p>
102	<p>TREATMENT PLANNING DURING THE PANDEMIC – DID FLEXIBLE WORK ARRANGEMENTS MAKE US MORE EFFICIENT?</p> <p>Marc Gaudet, Jason Pantarotto, Rob MacRae, Miller Macpherson, Julie Renaud</p> <p>University of Ottawa, Ottawa, ON</p>
103	<p>PATIENT SATISFACTION WITH TELECONSULTATION DURING THE COVID-19 PANDEMIC</p> <p>Marc-Émile Plourde, Emilie Pelchat</p> <p>Université de Sherbrooke, Sherbrooke, QC</p>
104	<p>FINANCIAL TOXICITY IS ASSOCIATED WITH HOSPITALIZATION DURING CONCURRENT RADIATION AND CHEMOTHERAPY</p> <p>Julie Jiang, Jeremy Eichler, William Bodner, Jana Fox, Madhur Garg, Rafi Kabarriti, Shalom Kalnicki, Keyur Mehta, Amanda Rivera, Justin Tang, Johnny Yap, Nitin Ohri, Jonathan Klein</p> <p>Albert Einstein College of Medicine, New York, NY</p>
105	<p>CHARACTERISTICS ASSESSMENT OF ONLINE YOUTUBE VIDEOS ON RADIOTHERAPY FOR LUNG CANCER</p> <p>Zhang Hao (Jim) Li¹, Meredith Giuliani², Paris-Ann Ingledew¹</p> <p>¹University of British Columbia, Vancouver, BC ²University of Toronto, Toronto, ON</p>
106	<p>A QUALITATIVE STUDY OF FACTORS TO CONSIDER IN THE INTEGRATION OF CAREGIVER-REPORTED OUTCOMES INTO PATIENT-CENTERED MODELS OF CARE</p> <p>Michael McKenzie¹, Scott Beck¹, Kelsey Lynch¹, Maria Torrejon¹, Jonathan Avery¹, Sally Thorne¹, Antony Porcino², Leah Lambert¹, Mary de Vera¹, Fuchsia Howard¹</p> <p>¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Vancouver, BC</p>

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107	<p>A SINGLE INSTITUTION RETROSPECTIVE STUDY OF PALLIATIVE RADIOTHERAPY FOR BONE METASTASES; COMPARING THE FIRST 6 MONTHS OF THE 2020 COVID-19 PANDEMIC WITH THE SAME CALENDAR PERIOD DURING 2019</p> <p>Kelly Linden¹, Julie Renaud¹, Randa Kamel², Marc Gaudet², Kristopher Dennis²</p> <p>¹The Ottawa Hospital, Ottawa, ON ²University of Ottawa, Ottawa, ON</p>
108	<p>EFFICIENCY OF RADIOTHERAPY DELIVERY FOR PATIENTS WITH BREAST CANCER IN A DEDICATED MULTIDISCIPLINARY PALLIATION RADIATION ONCOLOGY CLINIC</p> <p>Jordan Hill, Mohammad Alhumaid, Sunita Ghosh, Alexander Le, Sharon Watanabe, Alysa Fairchild</p> <p>University of Alberta, Edmonton, AB</p>
109	<p>EVALUATION OF PALLIATIVE RADIATION QUALITY ASSURANCE PROGRAM AT A SINGLE CANADIAN CENTRE WITH ASSESSMENT OF ASSOCIATED COSTS AND COMPARISON OF TWO DIFFERENT REVIEW PROCESSES</p> <p>Stephanie Gulstene, Adam Mutsaers, Melissa O'Neil, Andrew Warner, Robert Dinniwell, George Rodrigues</p> <p>Western University, London, ON</p>
110	<p>PALLIATIVE RADIOTHERAPY DELIVERY BY A DEDICATED MULTIDISCIPLINARY SUPPORTIVE CARE TEAM: FACILITATING EARLY INTEGRATION OF PALLIATIVE CARE FOR PATIENTS WITH BREAST CANCER</p> <p>Alysa Fairchild, Jordan Hill, Mohammad Alhumaid, Sunita Ghosh, Alexander Le, Sharon Watanabe</p> <p>University of Alberta, Edmonton, AB</p>
111	<p>COMPREHENSIVE ASSESSMENT OF CARE NEEDS DURING PALLIATIVE RADIOTHERAPY CONSULTATION OPTIMIZES PROVISION OF SUPPORTIVE CARE FOR PATIENTS WITH BREAST CANCER</p> <p>Mohammad Alhumaid, Jordan Hill, Sunita Ghosh, Sharon Watanabe, Alysa Fairchild</p> <p>University of Alberta, Edmonton, AB</p>
112	<p>METASTATIC MELANOMA REFRACTORY TO IMMUNE-CHECKPOINT INHIBITORS: CAN RADIOTHERAPY IMPROVE THE IMMUNOTHERAPY RESPONSE?</p> <p>Mohammad Alhumaid, Deepak Dinakaran, Michael Smylie, John Walker, Kurian Joseph</p> <p>University of Alberta, Edmonton, AB</p>
113	<p>RE-EVALUATING THE TOXICITY OF RADIOTHERAPY IN PATIENTS WITH COLLAGEN VASCULAR DISEASE: A META-ANALYSIS OF PROPENSITY SCORE STUDIES</p> <p>Wei Liu¹, Brandon Liu², Aaron Leung¹, Jane Park¹, Gabriel Boldt¹, David Palma¹, Michael Lock¹</p> <p>¹Western University, London, ON ²McMaster University, Hamilton, ON</p>
114	<p>QUALITY ASSURANCE OF RADIOTHERAPY DURING THE COVID-19 PANDEMIC: IMPACT ON PEER REVIEW IN 14 REGIONAL CANCER CENTRES ACROSS ONTARIO</p> <p>Gordon Locke¹, Julie Renaud², Jason Pantarotto³, Robert MacRae³, Shawn Malone³</p> <p>¹University of Toronto, Toronto, ON ²The Ottawa Hospital, Ottawa, ON ³University of Ottawa, Ottawa, ON</p>
115	<p>THE ADOPTION OF AN ELECTRONIC PATIENT REPORTED OUTCOME SOFTWARE DURING THE COVID-19 PANDEMIC – MAINTAINING COMMUNICATION WITH OUR PATIENTS</p> <p>Jennifer Moyer¹, Rashmi Koul², Marshall Pitz²</p> <p>¹CancerCare Manitoba, Winnipeg, MB ²University of Manitoba, Winnipeg, MB</p>
116	<p>ADVANCING RADIATION ONCOLOGY PRACTICE IN ATLANTIC CANADA (AROPAC)</p> <p>Murali Rajaraman¹, Robin Urquhart¹, Rebecca KS Wong², Nicole Harnett², Carol-Anne Davis¹, Clare Summers¹, Jean-Philippe Pignol¹</p> <p>¹Dalhousie University, Halifax, NS ²University of Toronto, Toronto, ON</p>

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117	<p>IMPACT OF THE COVID-19 PANDEMIC ON POSTGRADUATE TRAINING IN RADIATION ONCOLOGY Meredith Giuliani¹, Diana Samoil², Ankit Agarwal³, Jennifer Croke¹, Eleni Giannopoulos², Daniel W. Golden⁴, Ariel E. Hirsch⁵, Rachel Jimenez⁶, Nauman H. Malik¹, Naa Kwarley Quartey², Janet Papadakos², Che Hsuan David Wu⁷, Paris-Ann Ingledew⁸</p> <p>¹University of Toronto, Toronto, ON ²Princess Margaret Cancer Centre, Toronto, ON ³UNC School of Medicine, Chapel Hill, North Carolina ⁴University of Chicago, Chicago, IL ⁵Boston University School of Medicine, Boston, MA ⁶Harvard University, Boston, MA ⁷University of Calgary, Calgary, AB ⁸University of British Columbia, Vancouver, BC</p>
118	<p>STRATEGIC TRAINING IN TRANSDISCIPLINARY RADIATION SCIENCE FOR THE 21ST CENTURY (STARS21): 5-YEAR PROSPECTIVE EVALUATION OF AN INNOVATIVE CURRICULUM IN RADIATION RESEARCH Parasvi Patel, Shahbano Mustafa, Zhihui Liu, Shane Harding, Marianne Koritzinsky, Anne Koch University of Toronto, Toronto, ON</p>
119	<p>WHEN ALL LEARNERS WENT ONLINE: ENHANCING AN ONCOLOGY EDUCATION WEBSITE WITH THE ADDITION OF ASSESSMENT TO INFORM EVALUATION Christopher Galbraith¹, Connor Bohlken¹, Paris-Ann Ingledew²</p> <p>¹University of British Columbia, Prince George, BC ²University of British Columbia, Vancouver, BC</p>
120	<p>CREATION OF A NATIONAL IN-TRAINING EXAMINATION IN RADIATION ONCOLOGY – IMPACT EVALUATION Sarah Kordlouie¹, David Bowes², Barbara Strang³, Jennifer Croke⁴, Meredith Giuliani⁴, Paris-Ann Ingledew⁵, Joanne Alfieri¹</p> <p>¹McGill University, Montreal, QC ²Dalhousie University, Halifax, NS ³McMaster University, Hamilton, ON ⁴University of Toronto, Toronto, ON ⁵University of British Columbia, Vancouver, BC</p>
121	<p>FEEDBACK DELIVERY IN AN ACADEMIC CANCER CENTRE: REFLECTIONS FROM AN R2C2-BASED MICROLEARNING COURSE Amir H. Safavi¹, Janet Papadakos², Tina Papadakos², Naa Kwarley Quartey², Karen Lawrie², Eden Klein², Sarah Storer², Jennifer Croke¹, Barbara-Ann Millar¹, Raymond Jang¹, Andrea Bezjak¹, Meredith E. Giuliani¹</p> <p>¹University of Toronto, Toronto, ON ²Princess Margaret Cancer Centre, Toronto, ON</p>
122	<p>REMOTE CONTOURING AND VIRTUAL REVIEW DURING THE COVID-19 PANDEMIC (RECOVER-COVID19): RESULTS OF A QUALITY IMPROVEMENT INITIATIVE FOR VIRTUAL RESIDENT TRAINING IN RADIATION ONCOLOGY Andrew Arifin, Rohann Correa, Christopher Goodman, Joanna Laba, Robert Dinniwell, David Palma, Timothy Nguyen Western University, London, ON</p>
123	<p>DO SUSTAINABLE PALLIATIVE SINGLE FRACTION RADIOTHERAPY PRACTICES PROLIFERATE OR PERISH 2 YEARS AFTER A KNOWLEDGE TRANSLATION CAMPAIGN? Shaheer Shahhat¹, Julian Kim¹, Nikesh Hanumanthappa¹, Youn Tae Chung¹, James Beck¹, Rashmi Koul¹, Bashir Bashir¹, Andrew Cooke¹, Arbind Dubey¹, James Butler¹, Maged Nashed¹, William Hunter², Shrinivas Rathod¹, Aldrich Ong¹, Kim Tran³</p> <p>¹University of Manitoba, Winnipeg, MB ²CancerCare Manitoba, Winnipeg, MB ³Canadian Partnership Against Cancer, Toronto, ON</p>

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124	<p>EXPLORING “WHY IT WORKED” FOR A DISTANT-LEARNING CLINICAL RESEARCH MENTORSHIP PROGRAM (CRMP) FOR RADIATION ONCOLOGY RESIDENTS IN AFRICA – A QUALITATIVE STUDY</p> <p>Rebecca KS Wong¹, Shahbano Mustaf², Sarah Tosoni², Verna Vanderpuyne³, Joel Yarney³, Ntokozo Ndlovu⁴, Nwamaka Lasebikan⁵, Zahra Kassam¹</p> <p>¹University of Toronto, Toronto, ON ²Princess Margaret Cancer Centre, Toronto, ON ³Korle-Bu Teaching Hospital, Accra, GH ⁴University of Zimbabwe College of Health Sciences, Harare, KE ⁵University of Nigeria Teaching Hospital, Enugu, NI</p>
125	<p>A PRIORITIZATION FRAMEWORK FOR THE ANALYSIS OF NEAR MISSES IN RADIATION ONCOLOGY</p> <p>Brian Liszewski University of Toronto, Toronto, ON</p>
126	<p>SPREAD OF MISINFORMATION? QUALITY OF COVID-19 RESOURCES FOR CANCER PATIENTS</p> <p>Ruijia Jin, Paris-Ann Ingledew University of British Columbia, Vancouver, BC</p>
127	<p>USING PROFESSIONAL VIDEO INTERPRETATION TO ENHANCE PATIENT EDUCATION FOR RADIATION THERAPY PATIENTS WITH LIMITED ENGLISH PROFICIENCY</p> <p>Carmen Chan¹, Ruby Bola¹, Mikki Campbell², Darby Eler², Aaron Cumal¹</p> <p>¹Sunnybrook Health Sciences Centre, Toronto, ON ²University of Toronto, Toronto, ON</p>
128	<p>AN INTERACTIVE SMARTPHONE APPLICATION FOR MEDICAL STUDENT ORIENTATION AND LEARNING IN RADIATION ONCOLOGY: “THE RAD ONC HANDBOOK”</p> <p>Sonia Skamene, Benson Wan, Joanne Alfieri, Ian J. Gerard McGill University, Montreal, QC</p>
129	<p>NAVIGATING RADIATION THERAPY DURING COVID-19 USING YOUTUBE AS A SOURCE OF INFORMATION</p> <p>Inhwa Kim¹, Jim Li², Meredith Giuliani³, Paris-Ann Ingledew²</p> <p>¹Dalhousie University, Halifax, NS ²University of British Columbia, Vancouver, BC ³University of Toronto, Toronto, ON</p>
130	<p>RADIATION ONCOLOGIST CONSULTATIONS PRIOR TO RADICAL PROSTATECTOMY IN ONTARIO: DISPARITIES AND IMPLICATIONS FOR HEALTH HUMAN RESOURCE PLANNING</p> <p>Mark Corkum¹, Andrew Loblaw¹, Gerard Morton¹, Alexander Louie¹, Rachel Glicksman¹, Joseph Chin², Girish Kulkarni³, Robert Dinniwel², Barbara Fisher², Refik Saskin⁴, Jason Pantarotto⁵, Andrew Warner², George Rodrigues²</p> <p>¹Sunnybrook-Odetta Cancer Centre, Toronto, ON ²London Health Sciences Centre, London, ON ³University Health Network, Toronto, ON ⁴Institute for Clinical Evaluative Sciences, Toronto, ON ⁵The Ottawa Hospital, Ottawa, ON</p>
131	<p>PREDICTING ONCOLOGIC SURVIVAL OUTCOMES USING MACHINE LEARNING AND LARGE-SCALE REGISTRY DATA – THE BC CANCER REGISTRY EXPERIENCE</p> <p>Rachel Zhao¹, Melodie Kim¹, Arshdeep Marwaha¹, Terry Stubbs¹, Prableen Sandhu¹, Dylan Narinesingh², Iulian Badragan², Ryan Proulx³, Andra Krauze²</p> <p>¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Surrey, BC ³Safe Software, Surrey, BC</p>
132	<p>CHANGES IN THE INCIDENCE OF CERVICAL SQUAMOUS CARCINOMA/CARCINOMA IN SITU IN ONTARIO FOLLOWING THE APPROVAL OF A HUMAN PAPILLOMAVIRUS VACCINE</p> <p>Hanbo Chen, Eric Leung, Lilian Gien, Katarzyna Jerzak, Elizabeth Barnes, Elysia Donovan, Amandeep Taggar, Allan Covens, Ray Osborne, Helen Mackay, Danielle Vicus, Rachel Kupets University of Toronto, Toronto, ON</p>

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133	<p>SURVIVAL OUTCOMES IN METASTATIC EWING SARCOMA TREATED WITH WHOLE LUNG RADIATION Caroline Holloway¹, Alexa Dang², Xiaolan Feng¹, Jeremy Hamm², Pauline Truong¹ ¹University of British Columbia, Victoria, BC ²University of British Columbia, Vancouver, BC</p>
134	<p>ILLUMINATING THE GAP: DEFINING CHILDCARE NEEDS FOR CANCER PATIENTS AND THEIR FAMILIES Mackenzie MacDonald¹, Katherine Preston¹, Meredith Giuliani², Bonnie Leung¹, Barb Melosky¹, Christine Simmons¹, Sarah Hamilton¹, Anna Tinker¹, Paris-Ann Ingledew¹ ¹University of British Columbia, Vancouver, BC ²University of Toronto, Toronto, ON</p>
135	<p>PATIENT REPORTED OUTCOMES IN BREAST CANCER: DEVELOPMENT AND VALIDATION OF A NOVEL AND CLINICALLY USEFUL QUESTIONNAIRE Kerensa Medhurst¹, Fuchsia Howard², Theodora Koulis³, Maryam Dosani⁴, Susan Dahinten², Paul Willinsky², Robert Olson¹ ¹University of British Columbia, Prince George, BC ²University of British Columbia, Vancouver, BC ³University of British Columbia, Kelowna, BC ⁴University of British Columbia, Victoria, BC</p>
136	<p>PREVALENCE OF PALLIATIVE RADIOTHERAPY ABSTRACTS PRESENTED AT ANNUAL SCIENTIFIC MEETINGS OF THE CANADIAN ASSOCIATION OF RADIATION ONCOLOGY: 2009-2020 Saveen Sidhoo¹, Jyote Boora¹, Sunita Ghosh², Alys Fairchild¹ ¹University of Alberta, Edmonton, AB ²Cross Cancer Institute, Edmonton, AB</p>
137	<p>AN EXPLORATORY ANALYSIS OF STUDY OUTCOMES AND FOUNDATIONAL EVIDENCE FOR 5 YEARS OF PHASE III TRIALS IN RADIATION ONCOLOGY Adam Mutsaers, Claire Browne, Gabriel Boldt, Lucas Mendez Western University, London, ON</p>
138	<p>MEDICAL ASSISTANCE IN DYING IN ONCOLOGY PATIENTS: A CANADIAN ACADEMIC HOSPITAL EXPERIENCE Tony Liu¹, Wei Liu², Aaron Leung², Luke Liu¹, Sue Miller², Kimia Honarmand², Ian Ball², Melody Qu² ¹Western University, London, ON ²London Health Sciences Centre, London, ON</p>
139	<p>ADOPTION AND IMPLEMENTATION OF SINGLE FRACTION LUNG STEREOTACTIC ABLATIVE RADIOTHERAPY IN A MULTI-CENTRE PROVINCIAL CANCER PROGRAM DURING THE COVID-19 PANDEMIC Benjamin Mou¹, Derek Hyde¹, Cynthia Araujo¹, Leigh Bartha¹, Alanah Bergman², Mitchell Liu² ¹British Columbia Cancer Agency, Kelowna, BC ²British Columbia Cancer Agency, Vancouver, BC</p>
140	<p>WITHDRAWN</p>
141	<p>RADIOTHERAPY DECISION MAKING IN A PANDEMIC: ALBERTA'S EXPERIENCE DURING THE FIRST WAVE OF COVID-19 Sarah Quirk¹, Jonatan Snir¹, Ben Burke², Winter Spence³, Lisa Barbera¹ ¹University of Calgary, Calgary, AB ²University of Alberta, Edmonton, AB ³Alberta Health Services, Edmonton, AB</p>
142	<p>VIRTUAL CARE UPTAKE IN RADIATION MEDICINE: LESSONS LEARNED FROM THE CV19 PANDEMIC Julie Renaud, Marc Gaudet, Jason Pantarotto, Robert MacRae University of Ottawa, Ottawa, ON</p>
143	<p>VIRTUAL HEALTH IN CANCER CARE: RESULTS FROM A SEMI-STRUCTURED INTERVIEW-SURVEY OF ONCOLOGY HEALTH CARE PROVIDERS Dan Le¹, Paris-Ann Ingledew², Tamara Shenkier², Amanda Brain² ¹University of British Columbia, Surrey, BC ²University of British Columbia, Vancouver, BC</p>

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