

Optimizing Patient Outcomes: The Intersection of Technology and Human Touch


CANADIAN ASSOCIATION
OF RADIATION ONCOLOGY
ANNUAL SCIENTIFIC MEETING
(CARO ASM)
SEPTEMBER 28-OCTOBER 1, 2022



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<p>Wi-Fi Network: Hilton_meeting Code: CARO22</p>	 #caroasm2022; #caro2022 @caro_acro_ca
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General Information

Program Objectives:

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

- demonstrate an understanding of innovative radiotherapy techniques and current evidence for use in clinical practice;
- discuss how patient- and tumour-specific factors play a role in recommended new technologies and treatment modalities;
- describe the factors that lead to inequities in cancer care delivery;
- describe the implications of implementing newer radiotherapy techniques within a center, including opportunities for education, research, and clinical practice.

Board of Directors (2021-2023)

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Marc Gaudet

Sarah Hamilton

Mary Hooey

Paris-Ann Ingledew

Brian Liszewski

Kevin Martell

Jolie Ringash

Keynote Speakers

Mark Corkum – Jean Roy Lecture

David Palma – Gold Medal and Gordon Richards Lecture

Sue Yom – CARO Lecture

CARO-ESTRO Symposium Speakers

Andy McPartlin

Srinivas Raman

Marco van Vulpen

Resident Refresher Course Speakers

Peter Chung

Will Chu

Jennifer Croke

Eric Leung

Philip Wong

Jeff Winter

Theme Symposium Speakers

Louise Bird

Joshua Giambattista

Michael Velec

Cynthia Menard

Woman in Radiation Medicine Speaker

Mira Keyes

Medical Student Research and Mentorship Awardees

Arash Algouneh

Ruijia Jin

Mornisha Panchalingam

Katherine Preston

Benson Wan

Libby Ben-Zvi

September 28-October 1, 2022

General Information

Accreditation

This continuing professional development activity was held under the auspices of Continuing Professional Development, Temerty Faculty of Medicine, University of Toronto. Continuing Professional Development has awarded the 2022-Canadian Association of Radiation Oncology Annual Scientific Meeting with the following credits:

Royal College Maintenance of Certification Section 1: **19.0 hours**

American Medical Association Category 1: **19.0 credits**

European Union for Medical Specialists UEMS-EACCME®: **19.0 credits**

Canadian Association of Medical Radiation Technologists

Attendance of the full session is mandatory to claim credit, but we have split most days up into half-day sessions.

Optimizing Patient Outcomes:	Morning Day 1 (September 29, 2022)
RCEEM Reference Number:	CARO-2022-097
RCEEM Reference Expiration Date:	September 29, 2022
Category "A" Credit:	4.00 Category A Credits for full session attendance
Accredited events:	Symposium, Lecture and Competition

Optimizing Patient Outcomes:	Afternoon Day 1 (September 29, 2022)
RCEEM Reference Number:	CARO-2022-098
RCEEM Reference Expiration Date:	September 29, 2022
Category "A" Credit:	5.75 Category A Credits for full session attendance
Accredited events:	Lecture, Oral Sessions and Guided Poster Discussion

Optimizing Patient Outcomes:	Morning Day 2 (September 30, 2022)
RCEEM Reference Number:	CARO-2022-099
RCEEM Reference Expiration Date:	September 30, 2022
Category "A" Credit:	6.00 Category A Credits for full session attendance
Accredited events:	Oral Sessions and Competition

Optimizing Patient Outcomes:	Afternoon Day 2 (September 30, 2022)
RCEEM Reference Number:	CARO-2022-100
RCEEM Reference Expiration Date:	September 30, 2022
Category "A" Credit:	2.50 Category A Credits for full session attendance
Accredited events:	Lecture and Workshops

Optimizing Patient Outcomes:	Day 3 (October 1, 2022)
RCEEM Reference Number:	CARO-2022-101
RCEEM Reference Expiration Date:	October 1, 2022
Category "A" Credit:	4.00 Category A Credits for full session attendance
Accredited events:	Lecture, Oral Session, Symposium


General Information

CROF Yoga

QUIET YOUR MIND. FREE YOUR BODY.

YO-GO FOR RO!

FRIDAY, SEPTEMBER 30, 2022
TIME: 6:15PM – 6:45PM ET
TORONTO, ONTARIO



CROF Fun Run/Walk

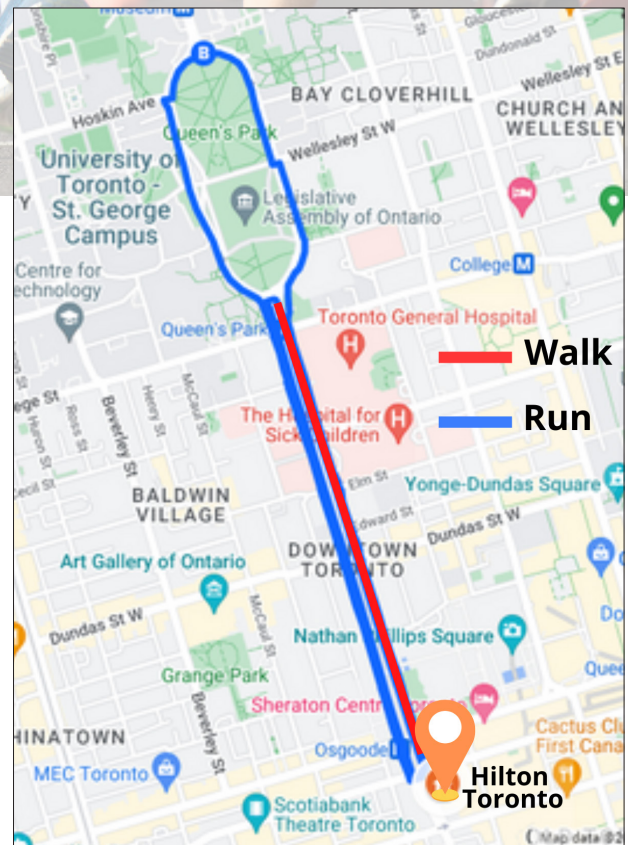
LACE UP!

**DR. PAMELA CATTON
 MEMORIAL FUN RUN / WALK
 FOR CROF**

SATURDAY, OCTOBER 1, 2022
TIME: 7:00AM ET
TORONTO, ONTARIO



Pamela Catton Memorial Fun Run/Walk
 CROF supports professional education and scientific research in radiation medicine, as well as educational programs to enhance public awareness of the crucial role of Radiation Oncology in national cancer care.



CROF Fun Run/Walk Map

September 28-October 1, 2022

Letter from the President



My Very Dear Colleagues and Friends,

Welcome to CARO’s first in-person Scientific Meeting in 3 years! I cannot overstate how much I have missed the fun of exchanging academic ideas with all of you, or the support that comes from being together. I am thrilled that we are able to meet face to face once again.

Thank you to our Scientific Committee, under direction of new Chair, Dr. Jennifer Croke; to Mary Hooey, without whom this meeting would never get off the ground; and to the CARO Board of Directors. The team at Secretariat Central, led by Denise Craine, have been invaluable in the planning of this meeting, and in keeping CARO going while we all fought a certain virus (not to be named).

Thank you industry sponsors for sticking with us through two years of virtual meetings. We know the experience for you was not the same, and we are very grateful for your generous ongoing support. Let’s talk!

Our theme this year is one close to my heart: **Optimizing Patient Outcomes: The Intersection of Technology and Human Touch**. We have never needed “human touch” more than we do today. Of course, the always superb work of our trainees is invariably a meeting high point, but this year I am most excited about the opportunity to catch up with many friends from across Canada between sessions and at the planned social events. Remember, the only thing better than chatting with old friends is chatting while getting exercise and raising money for a good cause! Please sign up for the CROF yoga and Fun Run/Walk events.

I hope to speak to as many of you as possible during the meeting, but please reach out at any time with your suggestions to improve CARO.

Let’s go!

Jolie Ringash
President, CARO

Lettre du Président



Mes très chers collègues et amis,

Bienvenue à la première réunion scientifique en personne de l'ACRO depuis 3 ans! Je ne peux pas dire à quel point le plaisir d'échanger des idées académiques avec vous tous, ou le soutien que l'on reçoit en étant ensemble, m'ont manquée. Je suis ravie que nous puissions nous rencontrer face à face une fois de plus.

Merci à notre comité scientifique, sous la direction de la nouvelle présidente, la D^{re} Jennifer Croke; à Mary Hooey, sans qui cette réunion ne pourrait jamais avoir lieu; et au conseil d'administration de l'ACRO. L'équipe de Secretariat Central, dirigée par Denise Craine, a joué un rôle inestimable dans la planification de cette réunion et a permis à l'ACRO de continuer à fonctionner pendant que nous combattions tous un certain virus (que je ne nommerai pas).

Merci aux commanditaires de l'industrie d'être restés avec nous pendant deux ans de réunions virtuelles. Nous savons que l'expérience n'a pas été la même pour vous, et nous sommes très reconnaissants pour votre généreux soutien continu. Parlons-en!

Notre thème cette année est un thème qui me tient à cœur : **Optimisation des résultats du patient : L'intersection de la technologie et du contact humain**. Nous n'avons jamais eu autant besoins de « contact humain » qu'aujourd'hui. Bien sûr, le travail toujours superbe de nos stagiaires est invariablement le point culminant de la réunion, mais cette année, je suis surtout enthousiaste à l'idée de pouvoir retrouver de nombreux amis de tout le Canada entre les séances et lors des événements sociaux prévus. N'oubliez pas que la seule chose meilleure que de discuter avec de vieux amis est de discuter tout en faisant de l'exercice et en collectant des fonds pour une bonne cause! Veuillez-vous inscrire pour le yoga et la course/marche de la FCRO.

J'espère pouvoir m'entretenir avec le plus grand nombre d'entre vous lors de la réunion, mais n'hésitez pas à me faire part à tout moment de vos suggestions pour améliorer l'ACRO.

C'est parti!

Jolie Ringash
Présidente de l'ACRO

September 28-October 1, 2022

Letter from the Chair, Scientific Planning Committee



Dear Friends,

WELCOME BACK LIVE! It feels so good to be hosting the 2022 CARO Annual Scientific Meeting in person!

Over the past 2 years, we have all encountered unprecedented challenges. As we move away from the pandemic, we hope our CARO community will be stronger than ever as we resume the ability to connect and network in person. We are excited for this year’s program.

The Organizing Committee has put together a robust program “**Optimizing Patient Outcomes: The Intersection of Technology and Human Touch.**” Our overall program objectives are to demonstrate an understanding of innovative radiotherapy techniques and current evidence for use in clinical practice; discuss how patient- and tumour-specific factors play a role in recommended new technologies and treatment modalities; describe the factors that lead to inequities in cancer care delivery; describe the implications of implementing newer radiotherapy techniques within a center, including opportunities for education, research, and clinical practice.

Program highlights include our keynote speakers Sue Yom (CARO Lecturer) from University of California San Francisco; David Palma (Gold Medal and Gordon Richards Lecturer) from Western University and Mark Corkum (Jean Roy Lecturer) from University of Ottawa. Featured in Women in Radiation Medicine this year is Mira Keyes from University of British Columbia. Our trainee mentorship session will also resume in person. There’s something for everyone in the theme symposium, oral, poster, poster discussion, plenary abstract sessions and the CARO-ESTRO Symposium. There will be many opportunities for formal and informal networking, catching up with old friends and colleagues and creating new connections.

Join us in our fundraising efforts in the Yo-Go for RO, Yoga session is on Friday and the CROF Fun Run/Walk is bright and early Saturday morning. Full details can be seen in the program.

The Welcome Reception will not disappoint at The Ballroom on Thursday, a casual evening full of fun and games with live music – what more could you ask for! Dinner and Awards Ceremony to be held on Friday. If you are still looking for a ticket, check availability at the registration desk.

Enjoy the next several days reminiscing and catching up with your old friends and colleagues.

Welcome to Toronto!

Jennifer Croke
Chair, CARO Annual Scientific Meeting

Lettre du Présidente, Comité de planification scientifique



Chers amis

BIENVENUE DE NOUVEAU EN PERSONNE! C'est tellement bon d'accueillir en personne la réunion scientifique annuelle de l'ACRO de 2022!

Au cours des deux dernières années, nous avons tous été confrontés à des défis sans précédent. Au fur et à mesure que nous nous éloignons de la pandémie, nous espérons que notre communauté ACRO sera plus forte que jamais, car nous retrouverons la possibilité de nous connecter et d'établir des réseaux en personne. Nous sommes ravis du programme de cette année.

Le comité organisateur a mis sur pied un programme solide intitulé « **Optimisation des résultats du patient : L'intersection de la technologie et du contact humain** ». Les objectifs généraux de notre programme sont les suivants : démontrer une compréhension des techniques innovantes de radiothérapie et des preuves actuelles pour leur utilisation dans la pratique clinique; discuter le rôle que jouent les facteurs spécifiques des patients et des tumeurs dans les nouvelles technologies et modalités de traitement recommandées; décrire les facteurs qui entraînent des inégalités dans la prestation des soins contre le cancer; décrire les implications de l'application de techniques de radiothérapie plus récentes dans un centre, y compris les possibilités en matière d'éducation, de recherche et de pratique clinique.

Les principaux éléments du programme comprennent les conférenciers d'honneur suivants : Sue Yom (conférencière de l'ACRO) de l'Université de Californie San Francisco; David Palma (conférencier de Gold Medal et de Gordon Richards) de l'Université Western et Mark Corkum (conférencier de Jean Roy) de l'Université d'Ottawa. Cette année, Mira Keyes, de l'Université de la Colombie-Britannique, est présentée dans Les femmes en médecine radiologique. Notre séance de mentorat pour les stagiaires reprendra également en personne. Il y en a pour tous les goûts dans le symposium thématique, les séances orales, les affiches, les discussions d'affiches, les séances de résumés pléniers et le symposium de l'ACRO et de l'ESTRO. Il y aura de nombreuses possibilités de réseautage formel et informel, de retrouver d'anciens amis et collègues et de créer de nouvelles connexions.

Joignez-vous à nos efforts de collecte de fonds dans la Yo-Go pour la RO, la séance de yoga est le vendredi et la course/marche pour la FCRO a lieu tôt le samedi matin. Tous les détails peuvent être consultés dans le programme.

La réception d'accueil ne décevra pas au Ballroom le jeudi, une soirée décontractée pleine d'amusement et de jeux avec de la musique en direct – que demander de plus! Le souper et la cérémonie de remise des prix auront lieu le vendredi. Si vous êtes toujours à la recherche d'un billet, vérifiez la disponibilité au bureau d'inscription.

Profitez des prochains jours pour vous remémorer et retrouver avec vos anciens amis et collègues.

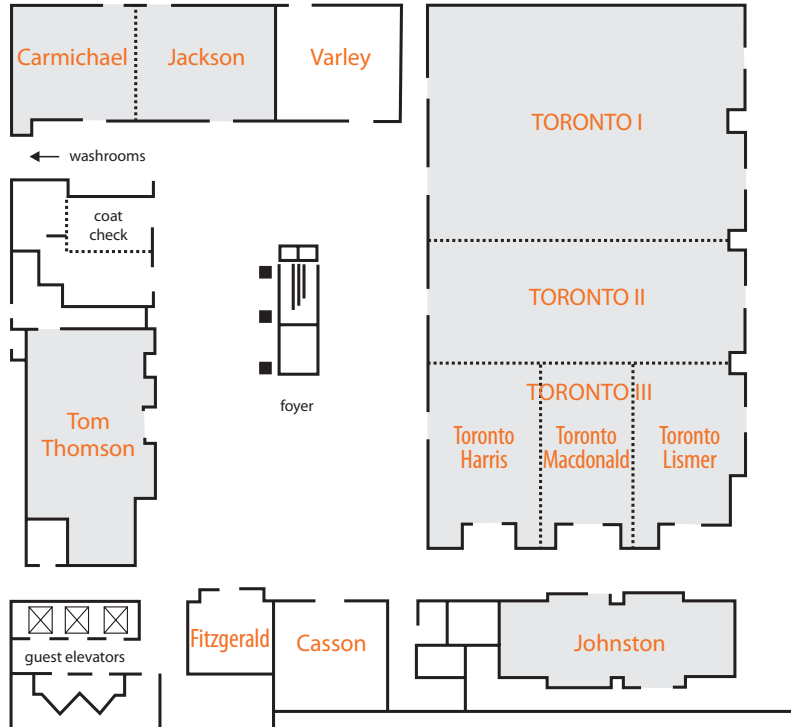
Bienvenue à Toronto!

Jennifer Croke

Présidente, Réunion scientifique annuelle de l'ACRO

September 28-October 1, 2022

Conference Floorplan

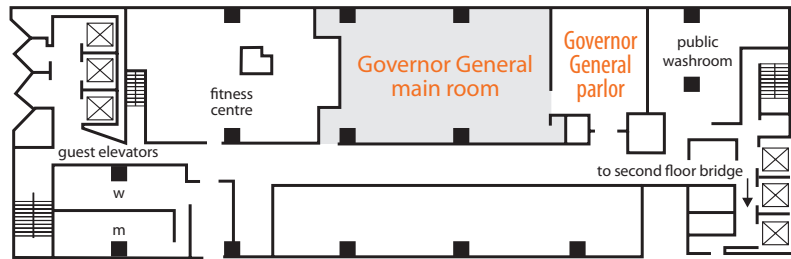


CONVENTION LEVEL



MEETING ROOMS – CONVENTION LEVEL

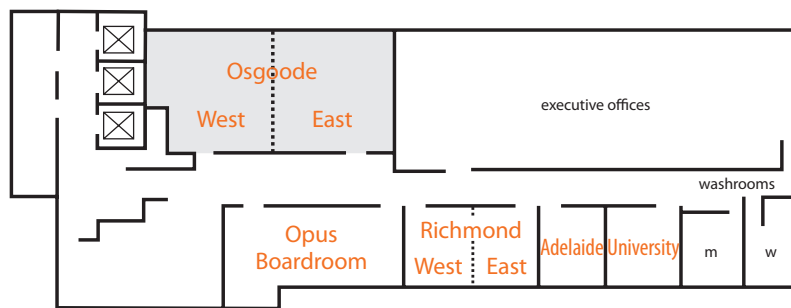
- Carmichael
- Fitzgerald
- Harris
- Jackson
- Johnston
- McDonald
- Lismer
- Tom Thomson
- Toronto 1 Ballroom
- Toronto 2 Ballroom
- Toronto 3 Ballroom
- Varley



SECOND FLOOR

MEETING ROOMS – SECOND FLOOR

- Governor General – main room
- Governor General – parlour



THIRD FLOOR

MEETING ROOMS – THIRD FLOOR

- Adelaide
- Opus
- Osgoode – east and west
- Richmond – east and west
- University

Schedule-at-a-Glance

Wednesday, September 28, 2022

TIME	EVENT	ROOM
8:00 – 4:00pm	Resident Refresher Course	Toronto Ballroom (TB) I
7:00 – 8:00am	Registration and Breakfast	Convention Level
4:30 – 5:30pm	Resident Career Counselling Social	2 nd floor Bridge Foyer
5:30 – 9:30pm	CARO Board Meeting	Governor General, 2 nd floor
6:00 – 7:00pm	CROF Meet and Greet	2 nd floor Bridge Foyer

Thursday, September 29, 2022

TIME	EVENT	ROOM
7:00 – 8:00am	Registration and Breakfast	Exhibit Hall
8:00 – 8:15am	Welcome and Introductions	TB I/II/III
8:15 – 9:45am	Theme Symposium: High Tech, High Touch: The Heart of Radiation Medicine	TB I/II/III
9:45 – 10:30am	Refreshment Break	Exhibit Hall
10:30 – 11:30am	CARO Lecture: How to Build a Journal: Scientific Publishing Challenges in the 2020s	TB I/II/III
11:30 – 12:30pm	Resident Competition	TB I/II/III
12:45 – 1:45pm	Women in Radiation Medicine	Carmichael Jackson
12:30 – 2:30pm	Lunch Committee Meetings – see page 47	
2:30 – 3:30pm	Oral Session 1: Population Science Oral Session 2: Applied Physics and Technology	TB I TB II/III
3:30 – 4:30pm	Poster Discussion 1 Poster Discussion 2	TB I TB II/III
4:30 – 5:30pm	Mentorship Session	TB I
7:00pm	Welcome Reception Backyard Party at The Ballroom	145 John Street www.theballroom.ca

Wi-Fi

Network: Hilton_meeting
Code: CARO22



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September 28-October 1, 2022

Schedule-at-a-Glance

Friday, September 30, 2022

TIME	EVENT	ROOM
7:00 – 8:00am	Registration and Breakfast	Convention Level
8:00 – 9:00am	Oral Session 3: Education and Survivorship Oral Session 4: Breast and GI Cancer	TB I TB II/III
9:00 – 10:00am	Oral Session 5: Stereotactic Radiotherapy Oral Session 6: Variety Pack	TB I TB II/III
10:00 – 10:50am	Poster Viewing and Refreshment Break	TB II, III, Tom Thomson
10:00 – 10:30am	Book Reading and Signing <i>Cancer Confidential: Backstage Dramas in the Radiation Clinic</i>	Casson
10:50 – 12:00pm	Fellow Competition	TB I/II/III
12:00 – 1:50pm	Lunch Committee Meetings – see page 47	
1:50 – 2:00pm	Truth and Reconciliation Tribute	TB I/II/III
2:00 – 3:00pm	CARO Gold Medal and Gordon Richards Lecture: Barriers to Clinical Research: We Can Get Over the Hurdles	TB I/II/III
3:00 – 4:15pm	Workshop 1: Pan-Canadian Expansion of Electronic Patient Reported Outcomes (ePROs): A Patient Engagement Tool Needed More than Ever	Jackson Carmichael
3:00 – 4:15pm	Workshop 2: Integrating Equity-oriented Healthcare Into Cancer Care Practice	Governor General
3:00 – 4:15pm	Workshop 3: Future of SABR Trials in Oligometastatic Cancer	TB II/III
4:15 – 4:30pm	Refreshment/Stretch Break	Exhibit Hall
4:30 – 6:00pm	Annual General Meeting (By Invitation Only)	TB II/III
6:15 – 6:45pm	Yoga	Poolside
7:00pm	Dinner and Awards Ceremony	TB I/II

Saturday, October 1, 2022

TIME	EVENT	ROOM
7:00 – 8:00am	Breakfast	Convention Level
7:00 – 8:00am	CROF Fun Run/Walk Meet in the lobby 6:45am	Hotel Lobby
8:00 – 9:00am	Jean Roy Lecture: Brachytherapy Training: How Do We Construct a Renaissance?	TB I
9:00 – 10:00am	Canadian Brachytherapy Group Oral Session	TB I
10:00 – 10:30am	Refreshment Break	
10:30 – 12:00pm	CARO-ESTRO Symposium: Radiation Oncology 2042	TB I
12:00 – 12:15pm	Refreshment/Stretch Break	
12:15 – 1:15pm	Plenary Abstracts	TB I
1:15 – 1:30pm	Closing Remarks	TB I

Wednesday, September 28, 2022

TIME	EVENT	ROOM
8:00 – 4:00pm	Resident Refresher Course <i>Facilitator: Sarah Hamilton</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Review the principles of management and the role of radiotherapy in sarcoma, endometrial cancer, and high risk prostate cancer. • Explore the evidence and indications for neoadjuvant radiotherapy for rectal cancer. • Develop a radiotherapy treatment plan evaluation approach. 	Toronto Ballroom (TB) I
8:00 – 9:00am	Registration	Convention Level
9:00 – 9:10am	Welcome and Introductions	
9:10 – 10:40am	Treatment Planning Evaluation Jennifer Croke, Jeff Winter	
10:40 – 11:00am	Refreshment Break	
11:00 – 11:30am	The Role of Radiotherapy in Sarcoma Philip Wong	
11:30 – 11:45am	Discussion Period	
11:45 – 1:15pm	Lunch	
1:15 – 1:45pm	The Role of Neoadjuvant Rectal Cancer Will Chu	
1:45 – 2:00pm	Discussion Period	
2:00 – 2:30pm	Endometrial Cancer Eric Leung	
2:30 – 2:45pm	Discussion Period	
2:45 – 3:05pm	Refreshment Break	
3:05 – 3:35pm	High Risk/Locally Advanced Prostate Cancer Peter Chung	
3:35 – 3:50pm	Discussion Period	
3:50 – 4:00pm	Closing Remarks Sarah Hamilton	
4:30 – 5:30pm	Resident Career Counselling Social (for residents only)	2 nd floor Bridge Foyer
5:30 – 9:30pm	CARO Board Meeting	Governor General, 2 nd floor
5:30 – 7:00pm	CROF Meet and Greet (for residents only)	2 nd floor Bridge Foyer

Wi-Fi

Network: Hilton_meeting

Code: CARO22


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September 28–October 1, 2022

Thursday, September 29, 2022

TIME	EVENT	ROOM
7:00 – 8:00am	Registration and Breakfast	Exhibit Hall
8:00 – 8:15am	Welcome and Introductions Jennifer Croke, Jolie Ringash	TB I/II/III
8:15 – 9:45am	Theme Symposium High Tech, High Touch: The Heart of Radiation Medicine <i>Moderators: David Roberge, Teri Stuckless</i> Objectives: By the end of this symposium, the participants will be able to: <ul style="list-style-type: none"> • Understand the factors shaping the experience of individuals diagnosed with cancer as they navigate radiation treatment. • Identify evaluative approaches and research opportunities to assess the impact of new treatment technologies and technologies on patient outcomes. • Explore novel methods for delivering radiotherapy and training future radiation health professionals. 	TB I/II/III
8:15 – 8:25am	Patient Perspective Louise Bird	
8:25 – 8:40am	Clinical Implementation Perspective Joshua Giambattista	
8:40 – 8:55am	Evaluation Perspective (Research Opportunities) Cynthia Menard	
8:55 – 9:10am	Interdisciplinary Perspective on Patient-centered Radiation Medicine Michael Velec	
9:10 – 9:45am	Discussion	
9:45 – 10:30am	Refreshment Break	Exhibit Hall
10:30 – 11:15am	CARO Lecture <i>Moderator: Jolie Ringash</i> How to Build a Journal: Scientific Publishing Challenges in the 2020s Sue Yom Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Name three major trends that are rapidly changing current scientific publishing. • List at least three metrics to evaluate a scientific journal's performance. • Describe three ways scientific publishing can enhance diversity and inclusion. 	TB I/II/III
11:15 – 11:30am	Question & Answer Period	
11:30 – 12:30pm	Resident Competition <i>Moderator: Sue Yom, Danny Lavigne</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Discover the top ranked resident research projects in radiation oncology across Canada. • Describe the latest radiation oncology research taking place in Canada by radiation oncology residents. 	TB I/II/III
11:30 – 11:40pm	IMPACT OF MGMT PROMOTER METHYLATION STATUS ON TUMOUR DYNAMICS DURING WEEKLY ADAPTIVE RADIOTHERAPY FOR GLIOBLASTOMA John M. Hudson, James Stewart, K. Liang Zeng, Hanbo Chen, Mark Ruschin, Hany Soliman, Sten Myrehaug, Zain Husain, Arjun Sahgal, Jay Detsky University of Toronto, Toronto, ON	TB I/II/III

Thursday, September 29, 2022

TIME	EVENT	ROOM
11:30 – 12:30pm	Resident Competition (cont'd)	TB I/II/III
11:40 – 11:50am	3 ASSESSING TREATMENT RESPONSE AFTER LUNG SABR: AN EVALUATION OF THE PREDICTIVE VALUE OF RECIST CRITERIA Stephanie Gulstene, Pencilla Lang, Melody Qu, Joanna Laba, Brian Yaremko, George Rodrigues, Edward Yu, Andrew Warner, David Palma Western University, London, ON	
11:50 – 12:00pm	4 A PHASE II TRIAL OF CONCURRENT SUNITINIB, TEMOZOLOMIDE AND RADIATION THERAPY FOLLOWED BY ADJUVANT TEMOZOLOMIDE FOR NEWLY DIAGNOSED GLIOBLASTOMA PATIENTS WITH AN UNMETHYLATED MGMT GENE PROMOTER (A01-M121-11A, MCG1132) Mame Daro Faye ¹ , Siham Sabri ¹ , Paula De Robles ² , Jacob Easaw ² , Raman Agnihotram ¹ , Alexander Torres-Vasquez ¹ , Valerie Panet-Raymond ¹ , George Shenouda ¹ , Luis Souhami ¹ , Bassam Abdulkarim ¹ ¹ McGill University Health Centre, Montreal, QC ² Tom Baker Cancer Centre, Calgary, AB	
12:00 – 12:10pm	5 LONG TERM TOXICITIES OF ADOLESCENT AND YOUNG ADULT SURVIVORS OF CERVIX CANCER WHO UNDERWENT RADIATION THERAPY: A CROSS-SECTIONAL ANALYSIS Andrew Pritchard ¹ , Sarah Hamilton ¹ , Iwa Kong ¹ , Peter Lim ¹ , Karen Goddard ¹ , Anna Tinker ¹ , Melanie Altas ² ¹ British Columbia Cancer Agency, Vancouver, BC ² University of British Columbia, Vancouver, BC	
12:10 – 12:20pm	6 SAFETY AND EFFICACY OF STEREOTACTIC BODY RADIOTHERAPY FOR ULTRA-CENTRAL THORACIC TUMOURS George J. Li ¹ , Hendrick Tan ² , Humza Nusrat ³ , Hanbo Chen ³ , Joe Chang ⁴ , Jeevin Shahi ⁵ , Ian Poon ³ , May Tsao ³ , Yee C. Ung ³ , Patrick Cheung ³ , Alexander V. Louie ³ ¹ University of Toronto, Toronto, ON ² GenesisCare, Perth, AU ³ Sunnybrook-Odette Cancer Centre, Toronto, ON ⁴ Liverpool Hospital, Liverpool, UK ⁵ Saint Louis University School of Medicine, St. Louis, MO	
12:20 – 12:30pm	7 RATES OF REGIONAL RADIOTHERAPY RECEIPT OVER TIME IN LOW-RISK, NODE POSITIVE BREAST CANCER Daegan Sit ¹ , Nafisha Lalani ¹ , Elisa Chan ¹ , Eric Tran ¹ , Caroline Speers ² , Lovedeep Gondara ² , Stephen Chia ¹ , Karen Gelmon ¹ , Caroline Lohrisch ¹ , Alan Nichol ¹ ¹ University of British Columbia, Vancouver, BC ² British Columbia Cancer Agency, Vancouver, BC	
12:30 – 2:30pm	Lunch	
12:30 – 2:30pm	Visit Exhibit Hall Committee Meetings – see page 47	Exhibit Hall

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Thursday, September 29, 2022

TIME	EVENT	ROOM
12:45 – 1:45pm	<p>Women in Radiation Medicine <i>Moderator: Jennifer Croke</i></p> <p>The “Golden Joinery” – Seeing Beauty in the Flawed and Imperfect <i>Mira Keyes</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 imperfections of knowledge. • Describe what we may be called to learn. • Outline the power of questions. 	Carmichael Jackson
2:30 – 3:20pm	<p>Oral Session 1 – Population Science <i>Moderators: Alexander Louie, Rob Olson</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 latest research taking place in population science, including new consensus recommendations, patterns of care research and health economics. 	TB I
2:30 – 2:40pm	<p>8 FIRST PAN-CANADIAN CONSENSUS RECOMMENDATIONS FOR PROTON BEAM THERAPY ACCESS IN CANADA Gunita Mitera University of Toronto, Toronto, ON</p>	
2:40 – 2:50pm	<p>9 TRENDS IN RADIOTHERAPY FRACTIONATION IN ONTARIO FROM 2011/12 TO 2020/21 FOR THE MAJOR DISEASE SITES AND THE IMPACT OF COVID19 Jonathan Wang¹, Audrey Wong¹, Brian Liszewski¹, Eric Gutierrez¹, Sophie Foxcroft¹, Jason Pantarotto² ¹Ontario Health, Toronto, ON ²University of Ottawa, Ottawa, ON</p>	
2:50 – 3:00pm	<p>10 COST MINIMIZATION ANALYSIS OF CONVENTIONAL VERSUS SHORT-COURSE RADIOTHERAPY WITH TEMOZOLOMIDE FOR NON-ELDERLY PATIENTS WITH NEWLY DIAGNOSED GLIOBLASTOMA Jordan Hill¹, Samir Patel¹, Michael Zhu¹, Tanner Steed¹, Mustafa Al Balushi¹, Conley Kriegler, Yugmel Nijjar, Eldon Spackman² ¹University of Alberta, Edmonton, AB ²University of Calgary, Calgary, AB</p>	
3:00 – 3:10pm	<p>11 HEALTH-ECONOMICS AND EVIDENCE-BASED HYPOFRACTIONATION: A EUROPEAN CLUSTER ANALYSIS WITH RELEVANCE TO NORTH AMERICA Carol Oliveira⁴, Ramon Clèries², Julieta Corral², Danielle Rodin¹, Josep M Borrás², Yolande Lievens³ ¹University of Toronto, Toronto, ON ²University of Barcelona, Barcelona, SP ³Ghent University, Ghent, BE ⁴Queen's University, Kingston, ON</p>	
3:10 – 3:20pm	<p>12 TUMOUR AND PATIENT FACTORS INFLUENCING THE USE OF ADJUVANT RADIOTHERAPY IN LOCALLY ADVANCED HEAD AND NECK CANCER Marc Gaudet¹, Jean-Marc Bourque², Matthew Beckett¹, Kristopher Dennis¹, May Abdel-Wahab³ ¹University of Ottawa, Ottawa, ON ²Centre Hospitalier de l'Université de Montréal, Montreal, QC ³International Atomic Energy Agency, Vienna, AT</p>	

Thursday, September 29, 2022

TIME	EVENT	ROOM
2:30 – 3:30pm	<p>Oral Session 2 – Applied Physics and Technology <i>Moderators: Ian Gerard, Robert Kosztyla</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 latest in applied physics taking place within radiation oncology. • Discuss the latest technology research, including artificial intelligence and machine learning, taking place within Canada. 	TB II/III
2:30 – 2:40pm	<p>13 PHOTON VERSUS PROTON WHOLE VENTRICULAR RADIOTHERAPY FOR INTRACRANIAL NON-GERMINOMATOUS GERM CELL TUMOURS – A REPORT FROM THE CHILDREN'S ONCOLOGY GROUP Zain Siddiqui¹, David Mak², Zhihui Amy Liu², Hitesh Dama², Shengjie Wu⁴, Shannon M. MacDonald³, Erin S. Murphy⁵, Matthew Hall⁶, Victor Malkov², Arzu Onar-Thomas⁴, Sameera Ahmed², Girish Dhall⁷, Derek S. Tsang⁸ ¹Queen's University, Kingston, ON ²Princess Margaret Cancer Centre, Toronto, ON ³Massachusetts General Hospital, Boston, MA ⁴St. Jude Children's Research Hospital, Memphis, TN ⁵Cleveland Clinic, Cleveland, OH ⁶Miami Cancer Institute, Miami, FL ⁷Children's of Alabama, Birmingham, AL ⁸Hospital for Sick Children, Toronto, ON</p>	
2:40 – 2:50pm	<p>14 KNOWLEDGE-BASED PLANNING TO IMPROVE AND AUTOMATE PATIENT-SPECIFIC QUALITY ASSURANCE PROCEDURES IN CLINICAL TRIALS – UPDATED SECONDARY ANALYSIS OF CCTG HN6 Srinivas Raman¹, Wendy Parulekar², Carrie-Lynne Swift¹, Robert Kosztyla¹, Jolie Ringash³, John Waldron³, Alys Fairchild⁴, Alexander Montenegro², Ulin Kenneth⁵, Timothy Fitzgerald⁵, Alan Nichol¹ ¹British Columbia Cancer Agency, Vancouver, BC ²Queen's University, Kingston, ON ³Princess Margaret Cancer Centre, Toronto, ON ⁴University of Alberta, Edmonton, AB ⁵University of Massachusetts, Lincoln, RI</p>	
2:50 – 3:00pm	<p>15 A COMPARISON OF THREE DIFFERENT BREATH HOLD TECHNIQUES USED FOR REDUCING CARDIAC DOSE FOR PATIENTS RECEIVING LEFT-SIDED BREAST CANCER RADIATION THERAPY Anh Hoang¹, Matt Wronski², Merrylee McGuffin², Nelly Kager², Aaron Cumal², Dilshad Nathoo², Ruby Bola², Danny Vesprini², Anthony Kim², Claire McCann², Brian Keller², Aisha Sheikh², Francois Gallant², Brian Liszewski², Irene Karam² ¹Sunnybrook Health Sciences Centre, Toronto, ON ²University of Toronto, Toronto, ON</p>	
3:00 – 3:10pm	<p>16 RADCURE: A LARGE OPEN SOURCE HEAD AND NECK RADIATION THERAPY DATASET FOR DATA SCIENCE Andrew Hope¹, Mattea Welch², Scott Bratman¹, The Head and Neck Site Group², John Waldron¹, Brian O'Sullivan¹, Tirth Patel², Katrina Rey-McIntyre², Sejin Kim¹, Joseph Marsilla¹, Zhibin Lu², Michal Kazmierski², Shao Hui Huang¹, Benjamin Haibe-Kains¹, Tony Tadic² ¹University of Toronto, Toronto, ON ²Princess Margaret Cancer Centre, Toronto, ON</p>	

Thursday, September 29, 2022

TIME	EVENT	ROOM
2:30 – 3:30pm	Oral Session 2 – Applied Physics and Technology (cont’d)	
3:10 – 3:20pm	17 INITIAL ASSESSMENT OF A COMMERCIAL AUTO-SEGMENTATION SOFTWARE BASED ON DEEP-LEARNING MODELS IN THE CONTEXT OF ARTIFICIAL INTELLIGENCE-ASSISTED RADIATION TREATMENT PLANNING Ming Pan, Luc Serre, John Agapito, Junaid Yousuf, Khalid Hirmiz, Caitria Michie, Lynn Brown Western University, Windsor, ON	
3:20 – 3:30pm	18 A RANDOMIZED BLINDED ASSESSMENT OF A MACHINE LEARNING BASED AUTOCONTOURING TOOL FOR BREAST CANCER RADIOTHERAPY COMPARED TO PEER-REVIEWED RADIATION ONCOLOGIST CONTOURS Michael Kucharczyk ¹ , Krista Chytk-Praznik ¹ , Joshua Giambattista ² , Carter Kolbeck ³ , Nick Chng ⁴ , Gopal Bala ³ , James Robar ¹ , Andrew Beam ⁵ ¹ Dalhousie University, Halifax, NS ² University of Saskatchewan, Regina, SK ³ AI Limbus, Toronto, ON ⁴ British Columbia Cancer Agency, Prince George, BC ⁵ Harvard T. H. Chan School of Public Health, Boston, MA	
3:30 – 4:30pm	Poster Discussion 1 <i>Moderators: Michael McKenzie, Eve-Lyne Marchand</i> Objectives: By the end of this session, the participants will be able to: • Discover ongoing radiation oncology research taking place across a variety of areas.	TB I
3:30 – 3:35pm	59 ELIMINATING TATTOOS FOR SHORT COURSE PALLIATIVE RADIOTHERAPY: SET-UP ERROR, SATISFACTION AND COST Joanna Javor ² , Tara Rosewall ¹ , Angela Cashell ² , Carina Feuz ² , Edward Taylor ¹ , Aisling Barry ¹ ¹ University of Toronto, Toronto, ON ² Princess Margaret Cancer Centre, Toronto, ON	
3:35 – 3:40pm	60 DOES A SUBSPECIALTY GYNECOLOGIC PATHOLOGY REVIEW CHANGE MANAGEMENT OF ENDOMETRIAL CANCER PATIENTS: A BC CANCER-VICTORIA EXPERIENCE Jennifer Rauw ¹ , Caroline Holloway ¹ , Heather Lockyear ² , Celine Laumont ¹ , Julie Irving ¹ , Joyce Leo ¹ ¹ University of British Columbia, Victoria, BC ² British Columbia Cancer Agency, Victoria, BC	
3:40 – 3:45pm	61 THE NON-OPERATIVE MANAGEMENT USING SBRT FOR TECHNICALLY RESECTABLE, BUT MEDICALLY INOPERABLE, PANCREATIC ADENOCARCINOMA Benjamin Royal-Preyra, Matthew Abrams Harvard University, Boston, MA	
3:45 – 3:50pm	62 ACUTE TOXICITY IN HIGH-RISK PROSTATE CANCER PATIENTS TREATED WITH EXTREME HYPOFRACTIONATION (HRPC-SBRT) Sergio Faria, Marie Duclos, Mohammed Aldohan, Fabio Cury, Horacio Patrocinio, Luis Souhami McGill University, Montreal, QC	

Thursday, September 29, 2022

TIME	EVENT	ROOM
3:30 – 4:30pm	Poster Discussion 1 (cont'd)	TB I
3:50 – 3:55pm	63 DOSE TO THE INTERNAL MAMMARY CHAIN LYMPH NODES IN CASES WITH INTERNAL MAMMARY LYMPH NODE RELAPSE: A CASE CONTROL STUDY Louise Wade ¹ , Lovedeep Gondara ² , Carrie-Lynne Swift ² , Nick Chng ² , Dylan Narinesingh ¹ , Caroline Speers ² , Caroline Lohrsch ¹ , Alan Nichol ¹ ¹ University of British Columbia, Vancouver, BC ² British Columbia Cancer Agency, Vancouver, BC	
3:55 – 4:00pm	64 POPULATION-BASED OUTCOMES OF GYNECOLOGIC CANCER PATIENTS TREATED WITH WHOLE BRAIN OR STEREOTACTIC RADIOTHERAPY FOR BRAIN METASTASES Timothy Kong ¹ , Maryam Dosani ² , Jennifer Rauw ² , Isabelle Vallieres ² , Abraham Alexander ¹ ¹ University of British Columbia, Vancouver, BC ² University of British Columbia, Victoria, BC	
4:00 – 4:05pm	65 PREDICTORS OF EARLY POLYMETASTATIC RELAPSE FOLLOWING STEREOTACTIC ABLATIVE RADIOTHERAPY FOR UP TO 5 OLIGOMETASTASES: A SECONDARY ANALYSIS OF THE PHASE II SABR-5 TRIAL Sarah Baker ¹ , Benjamin Mou ¹ , Will (Wei Ning) Jiang ¹ , Mitchell Liu ¹ , Alanah Bergman ² , Devin Schellenberg ¹ , Abraham Alexander ¹ , Hannah Carolan ¹ , Siavash Atrchian ¹ , Tanya Berrang ¹ , Andrew Bang ¹ , Nick Chng ² , Quinn Matthews ² , Scott Tyldesley ¹ , Robert Olson ¹ ¹ University of British Columbia, Vancouver, BC ² British Columbia Cancer Agency, Vancouver, BC	
4:05 – 4:10pm	66 DO ANTHROPOMETRIC INDICES CORRELATE WITH PROSTATE CANCER IN NIGERIAN MEN? Kehinde Adeyinka ¹ , Atara Ntekim ² , Oluwabori Olukoyejo ³ , Temitope Ilori ² , Augustine Takure ² , Samuel Ajekwu ³ , Nurudeen Bakare ⁴ , Ramat Ganiyu ⁴ , Oluwaponmile Odukoya ² , Paul Olapade ² , Kenechukwu Okwunze ² , Abraham Oladimeji ³ , Taiwo Aremu ⁵ , Anuja Jhingran ⁶ , Oluwatosin Oluwole ⁵ , Rebecca Wong ⁷ ¹ University College Hospital, Ibadan, NRA ² University of Ibadan, Ibadan, NRA ³ Obafemi Awolowo University Teaching Hospital, Ile-Ife, NRA ⁴ Lagos State University Teaching Hospital, Ikeja, NRA ⁵ University of Minnesota, Minneapolis, MN ⁶ The University of Texas MD Anderson Cancer Center, Houston, TX ⁷ University of Toronto, Toronto, ON	
4:10 – 4:15pm	67 ENSURING SUPERIOR REPORTING OF NON-INFERIORITY RADIOTHERAPY CLINICAL TRIALS: A SYSTEMATIC REVIEW Andrew Arifin ¹ , Vivian Tan ¹ , Michael Yan ² , R. Gabriel Boldt ¹ , Andrew Warner ¹ , George Rodrigues ¹ , David Palma ¹ , Alexander Louie ² ¹ London Health Sciences Centre, London, ON ² Sunnybrook Health Sciences Centre, Toronto, ON	
4:15 – 4:20pm	68 RADIATION DOSE, TECHNIQUE, AND USE OF BRAIN RADIATION ON OVERALL SURVIVAL IN PATIENTS WITH LIMITED-STAGE SMALL CELL LUNG CANCER Anand Swaminath, Shelly Palchik, Gregory Pond, Che Hsuan David Wu, Jim Wright, Theodoros Tsakiridis McMaster University, Hamilton, ON	

Thursday, September 29, 2022

TIME	EVENT	ROOM
3:30 – 4:30pm	<p>Poster Discussion 2 <i>Moderators: Iwa Kong, 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"> Discover ongoing radiation oncology research taking place across a variety of areas. 	TB II/III
3:30 – 3:35pm	<p>69 MULTI-TARGET THORACIC STEREOTACTIC BODY RADIOTHERAPY – TOXICITY AND EFFICACY ANALYSIS Eric Nguyen¹, Ian Poon¹, Yee Ung¹, May Tsao¹, Renee Korol¹, Alyaa Elzibak¹, Darby Erler¹, Liying Zhang², Alexander Louie¹, Patrick Cheung¹ ¹Odette Cancer Centre, Toronto, ON ²University of Toronto, Toronto, ON</p>	
3:35 – 3:40pm	<p>70 PERSON-CENTERED RADIATION THERAPY FOR BREAST CANCER PATIENTS: PATIENT EXPERIENCES FROM A PROSPECTIVE RANDOMIZED TRIAL (PERSON) Vivian Hoang, Michael Velec, Angela Cashell, Joseph Nachman, Jennifer Croke, Anthony Fyles, Rachel Glicksman, Ezra Hahn, Kathy Han, Joelle Helou, Fei-Fei Liu, Kawalpreet Singh, Amy Liu, Susan Chen, Kirsten Bryant, Suyeon Kim, Susanne Lofgren, Sajida Moledina, Anita Vloet, C. Anne Koch Princess Margaret Cancer Centre, Toronto, ON</p>	
3:40 – 3:45pm	<p>71 INCIDENCE AND MANAGEMENT TRENDS IN LOCALLY ADVANCED HEAD AND NECK NON-MELANOMA SKIN CANCER Ka-Kit David Yeung, Han Zhang, Michael Gupta, Matthew McRae, Gregory Pond, Justin Lee McMaster University, Hamilton, ON</p>	
3:45 – 3:50pm	<p>72 PAIN AND INTERVENTIONS IN STAGE IV NON-SMALL CELL LUNG CANCER: A PROVINCE-WIDE ANALYSIS Vivian Tan¹, Michael Tjong², Wing Chan³, Michael Yan², Victoria Delibasic³, Gail Darling², Laura Davis⁴, Mark Doherty², Julie Hallet², Biniam Kidane⁵, Alyson Mahar⁵, Nicole Mittmann⁶, Ambika Parmar², Hendrick Tan⁷, Frances Wright², Natalie Coburn², Alexander Louie² ¹Western University, London, ON ²University of Toronto, Toronto, ON ³Institute for Clinical Evaluative Sciences, Toronto, ON ⁴Sunnybrook Research Institute, Toronto, ON ⁵University of Manitoba, Winnipeg, MB ⁶Canadian Agency for Drugs and Technology in Health, Ottawa, ON ⁷GenesisCare, Perth, AU</p>	
3:50 – 3:55pm	<p>73 ERECTILE FUNCTION AFTER 60GY IN 20 FRACTIONS EXTERNAL BEAM RADIOTHERAPY TO THE PROSTATE Conrad Bayley¹, Sarah Quirk², Jeremy Braun², Lingyue Sun², Wendy Smith², Harvey Quon², Kundan Thind³, Kevin Martell² ¹University of Alberta, Edmonton, AB ²University of Calgary, Calgary, AB ³Henry Ford Health System, Detroit, MI</p>	
3:55 – 4:00pm	<p>74 NEUROMODULATORY EFFECT AND DOSE RESPONSE OF FUNCTIONAL RADIOSURGERY ON CORTICAL NEURONS Megan Boucher-Routhier¹, Janos Szanto², Jean-Philippe Thivierge¹, Vimoj Nair² ¹University of Ottawa, Ottawa, ON ²The Ottawa Hospital, Ottawa, ON</p>	

Thursday, September 29, 2022

TIME	EVENT	ROOM
3:30 – 4:30pm	Poster Discussion 2 (cont'd)	TB II/III
4:00 – 4:05pm	75 STEREOTACTIC BODY RADIOTHERAPY FOR RENAL CELL CARCINOMA: ONCOLOGIC AND RENAL FUNCTION OUTCOMES Rachel Glicksman ¹ , Patrick Cheung ² , Renee Korol ² , Mark Niglas ³ , Humza Nusrat ² , Darby Erler ² , Danny Vesprini ² , Anand Swaminath ⁴ , Melanie Davidson ² , Liying Zhang ² , William Chu ² ¹ University of Toronto, Toronto, ON ² Odette Cancer Centre, Toronto, ON ³ Lakeridge Health, Oshawa, ON ⁴ Juravinski Cancer Centre, Hamilton, ON	TB II/III
4:05 – 4:10pm	76 EVALUATION OF USE OF ADJUVANT RADIOTHERAPY AND SURGICAL APPROACH WITH RESPECT TO ONCOLOGIC OUTCOMES IN THE MANAGEMENT OF EARLY-STAGE CERVICAL CARCINOMA Laura Burgess, Wafa Alduwaisan, Tien Le, Rajiv Samant University of Ottawa, Ottawa, ON	
4:10 – 4:15pm	77 OUTCOMES OF 30GY IN 4 FRACTIONS FOR SPINE STEREOTACTIC BODY RADIOTHERAPY Daniel Palhares, Kang Liang Zeng, Sten Myrehaug, Chia-Lin (Eric) Tseng, Jay Detsky, Zain Husain, Chinthaka (Chris) Heyn, Pejman Maralani, Leodante da Costa, Jeremie Larouche, Arjun Sahgal, Hany Soliman Sunnybrook Health Sciences Centre, Toronto, ON	
4:15 – 4:20pm	78 A BRITISH COLUMBIA BASED POPULATION STUDY ON THE TREATMENT AND LONG-TERM OUTCOMES OF THYMOMA: A 25-YEAR RETROSPECTIVE REVIEW Eric Wu ¹ , Daegan Sit ² , Heather Derocher ¹ , Tami Yu-Yu Lin ³ , Angela Lin ⁴ , Delia Sauciac ⁴ , Sonja Murchison ² , Jodi Siever ³ , Siavash Atrchian ⁴ ¹ University of British Columbia, Vancouver, BC ² British Columbia Cancer Agency, Vancouver, BC ³ University of British Columbia, Kelowna, BC ⁴ British Columbia Cancer Agency, Kelowna, BC	
4:30 – 5:30pm	Mentorship Session	TB I
7:00pm	Welcome Reception Backyard Party at The Ballroom	145 John Street www.theballroom.ca

Friday, September 30, 2022

TIME	EVENT	ROOM
7:00 – 8:00am	Registration and Breakfast	Convention Level
7:00 – 8:00am	Committee Meetings – see page 47	
8:00 – 9:00am	Oral Session 3 – Education and Survivorship <i>Moderators: Paris-Ann Ingledew, Vanessa di Lalla</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Discover ongoing education research taking place within radiation oncology. • Discover ongoing survivorship research taking place within radiation oncology. 	TB I
8:00 – 8:10am	19 EVALUATION OF SIMULATION-BASED VIRTUAL PATIENT ENCOUNTERS FOR LEARNING ONCOLOGIC EMERGENCY MANAGEMENT Vanessa Di Lalla, Nancy Posel, Ian J. Gerard, Ziad Simon Fawaz, Joanne Alfieri McGill University, Montreal, QC	
8:10 – 8:20am	20 OPTIMIZING PATIENT-CENTERED INCLUSIVE CARE IN ONCOLOGY: HEALTHCARE PROFESSIONALS' KNOWLEDGE, ATTITUDES AND PRACTICES CARING FOR LGBTQ2+ INDIVIDUALS Nazlin Jivraj ¹ , Gilla Shapiro ² , Christian Schulz-Quach ² , Emily Van de Laar ¹ , Zhihui (Amy) Liu ² , Jessica Weiss ² , Jennifer Croke ² ¹ Princess Margaret Cancer Centre, Toronto, ON ² University of Toronto, Toronto, ON	
8:20 – 8:30am	21 DOES A MENTORSHIP AWARD IN RADIATION ONCOLOGY INSPIRE MEDICAL STUDENTS TO PURSUE THE SPECIALTY? A SURVEY ANALYSIS OF MEDICAL STUDENTS, RESIDENT MENTORS, AND RESEARCH PROJECT SUPERVISORS Paris-Ann Ingledew ¹ , Ruijia Jin ² , Meredith Giuliani ³ , David Wu ⁴ ¹ British Columbia Cancer Agency, Vancouver, BC ² University of British Columbia, Vancouver, BC ³ Princess Margaret Cancer Centre, Toronto, ON ⁴ Juravinski Cancer Centre, Hamilton, ON	
8:30 – 8:40am	22 VALIDATION OF THE BC-BRAIN PATIENT REPORTED OUTCOME QUESTIONNAIRE FOR PATIENTS WITH CENTRAL NERVOUS SYSTEM TUMOURS TREATED WITH RADIOTHERAPY Ling Yan ¹ , Alan Nichol ² , Robert Olson ³ ¹ University of British Columbia, Vancouver, BC ² British Columbia Cancer Agency, Vancouver, BC ³ British Columbia Cancer Agency, Prince George, BC	
8:40 – 8:50am	23 LONG TERM RESULTS OF A LONGITUDINAL STUDY OF UNMET SURVIVORSHIP NEEDS IN PATIENTS WITH HEAD AND NECK CANCER Ionut Busca ¹ , Meredith Giuliani ² , Jessica Weiss ² , Jennifer Jones ² , Naa Kwarley Quartey ² , Shao Hui Huang ² , Alexander Toulany ³ , Janet Papadacos ² , Jolie Ringash ² ¹ University of Toronto, Toronto, ON ² Princess Margaret Cancer Centre, Toronto, ON ³ Hamilton Health Sciences, Hamilton, ON	
8:50 – 9:00am	24 EQUITY AS AN EMERGING FOCUS IN THE CANADIAN CANCER CARE SECTOR: RESULTS OF A RAPID SCOPING REVIEW Michael McKenzie ¹ , Leah Lambert ¹ , Tara Horrill ¹ , Annette Browne ² , Kelli Stajduhar ³ , Jagbir Kaur ¹ , Shannon Cheng ¹ , Amber Bourgeois ³ , Fuchsia Howard ² , Scott Beck ¹ , Sally Thorne ² ¹ British Columbia Cancer Agency, Vancouver, BC ² University of British Columbia, Vancouver, BC ³ University of Victoria, Victoria, BC	

Friday, September 30, 2022

TIME	EVENT	ROOM
8:00 – 9:00am	<p>Oral Session 4 – Breast and GI Cancer <i>Moderators: Joelle Helou, Julianna Sienna</i></p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Discover ongoing breast research taking place within radiation oncology. • Discover ongoing GI research taking place within radiation oncology. 	TB II/III
8:00 – 8:10am	<p>25 ONCOLOGIC OUTCOME, TOXICITY AND COSMESIS AFTER SINGLE-FRACTION NEOADJUVANT RADIOTHERAPY FOR LOW-RISK BREAST CANCER Danny Lavigne¹, David Tiberi², Peter Vavassis¹, David Nguyen¹, Marie-Christine Guilbert¹, Alexis-Simon Cloutier¹, Pierre Dubé¹, Mai-Kim Gervais¹, Lucas Sideris¹, Guy Leblanc¹, Michel-Pierre Dufresne¹, Tarek Hijal³, Michael Yassa¹ ¹Université de Montréal, Montreal, QC ²University of Ottawa, Ottawa, ON ³McGill University, Montreal, QC</p>	
8:10 – 8:20am	<p>26 ADJUVANT RADIOTHERAPY (RT) FOR BREAST CANCER PATIENTS WITH REMOTE RECONSTRUCTION: INSTITUTIONAL OUTCOMES Nina Samson¹, Sarah Quirk¹, Tannis Graham², Natalie Logie¹ ¹University of Calgary, Calgary, AB ²Tom Baker Cancer Centre, Calgary, AB</p>	
8:20 – 8:30am	<p>27 EARLY INSTITUTIONAL EXPERIENCE OF ULTRA-HYPOFRACTIONATED BREAST RADIOTHERAPY IN A LARGE ACADEMIC CANCER CENTRE Hiba Othman¹, Aisling Barry¹, Anthony Fyles¹, Danielle Rodin¹, Ezra Hahn¹, Fei-Fei Liu¹, Joelle Helou¹, Rachel Glicksman¹, Naghmeh Isfahanian¹, Zhihui (Amy) Liu¹, Jessica Weiss¹, Tony Tadic¹, Michelle Chan², Tom Purdie¹, Anne Koch¹, Jennifer Croke¹ ¹University of Toronto, Toronto, ON ²Princess Margaret Cancer Centre, Toronto, ON</p>	
8:30 – 8:40am	<p>28 DOSIMETRIC PARAMETERS CORRELATED WITH TOXICITY WITH SHORT COURSE RADIATION IN THE NEOADJUVANT TREATMENT OF RECTAL CANCERS Yugmel Nijjar, Kurian Joseph, JoAnn Thai, Sunita Ghosh, Jihyun Yun, Brad Warkentin, Tirath Nijjar, Diane Severin, Keith Tankel, Alyssa Fairchild, Nawaid Usmani University of Alberta, Edmonton, AB</p>	
8:40 – 8:50am	<p>29 AN EXAMINATION OF RECTAL ANATOMY DEFINITIONS AND FUTURE DIRECTIONS Yiming (Michael) Zhu, Diane Severin University of Alberta, Edmonton, AB</p>	
8:50 – 9:00am	<p>30 STATIN THERAPY IN PATIENTS UNDERGOING SHORT-COURSE NEOADJUVANT RADIOTHERAPY FOR RECTAL CANCER Daniel Schep, Tyler McKechnie, Luisa Cardenas, Oren Levine, Cagla Eskicioglu, Raimond Wong McMaster University, Hamilton, ON</p>	

Friday, September 30, 2022

TIME	EVENT	ROOM
9:00 – 10:00am	<p>Oral Session 5 – Stereotactic Radiotherapy <i>Moderators: Alanah Bergman, Laura Dawson</i></p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Discuss ongoing stereotactic radiotherapy, extra-cranial, research taking place within radiation oncology. 	TB I
9:00 – 9:10am	<p>31 SINGLE FRACTION PERIPHERAL LUNG SBRT DURING THE GLOBAL COVID-19 PANDEMIC AT A CANCERCARE MANITOBA: AN ANALYSIS OF TECHNICAL FEASIBILITY AND CLINICAL SAFETY Salem Alfaifi, William Hunter, Julian Kim, Shrinivas Rathod, Naseer Ahmed, Sankar Venkataraman, Niranjan Venugopal, Bill Kane, Amitava Chowdhury, Arbind Dubey, Ahmet Leylek, Gokulan Sivananthan, Saranya Kakumanu, Bashir Bashir University of Manitoba, Winnipeg, MB</p>	
9:10 – 9:20am	<p>32 SETUP AND TREATMENT EFFICIENCY OF TWO PROSTATE SBRT RECTAL PREPARATION TECHNIQUES: EXPERIENCE FROM PROGRAM DEVELOPMENT AT A COMMUNITY CENTRE Adam Gladwish¹, Jessica Conway¹, Christiaan Stevens¹, Jesse Mclean², Fred Yoon¹, Amanda Lamb², Muoi Tran², Janice Kim², Patrick Quinn² ¹University of Toronto, Barrie, ON ²Royal Victoria Regional Hospital, Barrie, ON</p>	
9:20 – 9:30am	<p>33 A PROSPECTIVE RANDOMIZED PARALLEL-CONTROLLED PILOT TRIAL OF STEREOTACTIC BODY RADIATION THERAPY VERSUS RADIOFREQUENCY ABLATION FOR THE MANAGEMENT OF SMALL RENAL MASSES – INITIAL RESULTS Anand Swaminath, Jen Hoogenes, Oleg Mironov, Braden Millan, Edward Matsumoto, Anil Kapoor McMaster University, Hamilton, ON</p>	
9:30 – 9:40am	<p>34 OUTCOMES OF STEREOTACTIC BODY RADIOTHERAPY FOR METASTASES TO THE HEAD AND NECK Irene Karam, Ahmed Abugharib, Joshua Loblaw, Zain A. Husain, Andrew Bayley, Liying Zhang, Lee Chin, Darby Erlar, Kevin Higgins, Danny Enepekides, Antoine Eskander, Ian Poon University of Toronto, Toronto, ON</p>	
9:40 – 9:50am	<p>35 IMMUNOTHERAPY AND THE RISK OF RADIATION NECROSIS IN BRAIN METASTASES PATIENTS TREATED WITH STEREOTACTIC RADIOSURGERY Benjamin Royal-Preyra, Griffin Harry, Donnell Comeau, Lauren Hertan, Erik Uhlmann Harvard University, Boston, MA</p>	
9:50 – 10:00am	<p>36 PROGRESSION-FREE SURVIVAL AND LOCAL CONTROL FOLLOWING STEREOTACTIC ABLATIVE RADIOTHERAPY FOR UP TO 5 OLIGOMETASTASES: AN ANALYSIS FROM THE POPULATION-BASED PHASE II SABR-5 TRIAL Sarah Baker¹, Will (Wei Ning) Jiang¹, Benjamin Mou¹, Chad Lund¹, Mitchell Liu¹, Alanah Bergman², Devin Schellenberg¹, Abraham Alexander¹, Hannah Carolan¹, Siavash Atrchian¹, Nick Chng³, Quinn Matthews³, Alexander Benny¹, Scott Tyldesley¹, Robert Olson¹ ¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Vancouver, BC ³N/A, Prince George, BC</p>	

Friday, September 30, 2022

TIME	EVENT	ROOM
9:00 – 10:00am	<p>Oral Session 6 – Variety Pack <i>Moderators: Ezra Hahn, Brian Liszewski</i></p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> Review ongoing research taking place within radiation oncology in a variety of categories. 	TB II/III
9:00 – 9:10am	<p>37 CLINICAL OUTCOMES OF MEDULLOBLASTOMA PATIENTS TREATED WITH PROTON RADIOTHERAPY: A SYSTEMATIC REVIEW Sympascho Young¹, Kiran Phaterpekar², Glenn Bauman¹, Gabriel Boldt¹, Derek Tsang³ ¹Western University, London, ON ²University of British Columbia, Vancouver, BC ³University of Toronto, Toronto, ON</p>	
9:10 – 9:20am	<p>38 MALIGNANT SALIVARY GLAND TUMOURS AND LONGTERM PATIENTS OUTCOMES BASED ON THE AMERICAN JOINT COMMITTEE ON CANCER 8TH EDITION STAGING SYSTEM Daegan Sit¹, Ko Ta Chen¹, Billy Zhao¹, Matthew Chan¹, Eric Tran¹, Eric Berthelet¹, Robert Olson², Sarah Hamilton¹, Tony Ng¹, Nicole Chau¹, Jonn Wu¹ ¹University of British Columbia, Vancouver, BC ²University of British Columbia, Prince George, BC</p>	
9:20 – 9:30am	<p>39 A NOVEL, RAPID AND SIMPLE (RAPPLE) PARTIAL BRAIN RADIOTHERAPY TECHNIQUE TO TREAT BRAIN METASTASIS: A RETROSPECTIVE REVIEW OF OUTCOMES Timothy Kong¹, Gurjit Parmar¹, Hannah Carolan¹, Mitchell Liu¹, Shilo Lefresne¹, Eric Berthelet¹, Jessica Chan¹, Lovedeep Gondara², Steven Thomas², Ante Mestrovic², Alan Nichol¹ ¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Vancouver, BC</p>	
9:30 – 9:40am	<p>40 EVALUATING MULTIDISCIPLINARY PEER REVIEW: A RETROSPECTIVE STUDY OF PLAN MODIFICATIONS IN RADICAL AND PALLIATIVE INTENT RADIATION THERAPY TREATMENTS Adrian Cozma¹, Muoi Tran², Tiffany Tam², Frederick Yoon², Kyle Malkoske², Jesse McLean², Giulio Didiodato², Keith Nakonechny², Christiaan Stevens² ¹University of Toronto, Toronto, ON ²Royal Victoria Regional Health Centre, Barrie, ON</p>	
9:40 – 9:50am	<p>41 OUTCOMES OF EXTRACRANIAL OLIGORECURRENCE AFTER PRIOR METASTASES DIRECTED STEREOTACTIC BODY RADIOTHERAPY FOR OLIGOMETASTATIC DISEASE Jonathan Peng¹, Darby Erler¹, Hanbo Chen¹, Roi Dagan², Kristin J. Redmond³, Matthew Foote⁴, Serena Badellino⁵, Tithi Biswas⁶, Alexander V. Louie¹, Umberto Ricardi⁵, Arjun Sahgal¹, Poon Ian¹ ¹Odette Cancer Centre, Toronto, ON ²University of Florida, Jacksonville, FL ³Johns Hopkins University, Baltimore, MD ⁴University of Queensland, Woolloongabba, AU ⁵University of Turin, Turin, IT ⁶Case Western Reserve University, Cleveland, OH</p>	
9:50 – 10:00am	<p>42 A COMPETING RISK ANALYSIS OF PROGNOSTIC FACTORS FOR LOCAL AND REGIONAL RECURRENCE AND SURVIVAL OUTCOMES IN EARLY-STAGE NON-SMALL CELL LUNG CANCER TREATED WITH STEREOTACTIC ABLATIVE RADIATION THERAPY Marion Tonneau, Corentin Richard, Bertrand Routy, Marie-Pierre Campeau, Toni Vu, Edith Fillion, David Roberge, Dominique Mathieu, Robert Doucet, Dominic Beliveau-Nadeau, Houda Bahig Centre Hospitalier de l'Université de Montréal, Montréal, QC</p>	

September 28-October 1, 2022

Friday, September 30, 2022

TIME	EVENT	ROOM
10:00 – 10:50am	Refreshment Break	Exhibit Hall
10:00 – 10:30am	Book Reading and Signing <i>Cancer Confidential: Backstage Dramas in the Radiation Clinic</i> (University of Toronto Press, September 2022) www.charleshayter.com	Casson
10:00 – 10:50am	Poster Viewing	TB II, III, Tom Thomson
10:50 – 12:00pm	Fellow Competition <i>Moderators: Andrew Arifin, Astrid Billfalk-Kelly</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Discover ongoing research taking place by radiation oncology fellows. • Discuss the top ranked Canadian Radiation Oncology Fellow research abstracts. 	TB I/II/III
10:50 – 11:00am	1 A RANDOMIZED PHASE III TRIAL COMPARING HEALTH-RELATED QUALITY OF LIFE AFTER LOW DOSE RATE (LDR) OR HIGH DOSE RATE (HDR) PROSTATE BRACHYTHERAPY BOOST COMBINED WITH EXTERNAL BEAM PELVIC RADIOTHERAPY (EBRT) Nikitha Moideen ¹ , Juanita Crook ¹ , Cynthia Araujo ² , Deidre Batchelar ¹ , Felipe Castro Canovas ¹ , Ross Halperin ¹ , Michelle Hilts ² , David Kim ¹ , David Petrik ¹ , Jim Rose ³ , Francois Bachand ¹ ¹ University of British Columbia, Kelowna, BC ² British Columbia Cancer Agency, Kelowna, BC ³ University of British Columbia, Abbotsford, BC	
11:00 – 11:10am	43 PREDICTIVE FACTORS FOR SURVIVAL AND RADIATION NECROSIS IN PATIENTS WITH RECURRENT HIGH-GRADE GLIOMA TREATED WITH RE-IRRADIATION Daniel Palhares ¹ , Hanbo Chen ¹ , Michael Wang ¹ , Sten Myrehaug ¹ , Jay Detsky ¹ , Chia-Lin (Eric) Tseng ¹ , Zain Husain ¹ , Mary Jane Lim-fat ¹ , Nir Lipsman ¹ , Sunit Das ² , Julia Keith ¹ , Arjun Sahgal ¹ , Hany Soliman ¹ ¹ Sunnybrook Health Sciences Centre, Toronto, ON ² University of Toronto, Toronto, ON	
11:10 – 11:20am	44 LONG-TERM OUTCOMES OF SABR TO PRIMARY RENAL CELL CARCINOMA: A MULTI-CENTRE ANALYSIS FROM THE INTERNATIONAL RADIOSURGERY ONCOLOGY CONSORTIUM FOR KIDNEY (IROCK) Rohann Correa ¹ , Shankar Siva ² , Ali Muhammad ² , Alexander Muacevic ³ , Lee Ponsky ⁴ , Rodney Ellis ⁵ , Simon S. Lo ⁶ , Hiroshi Onishi ⁷ , Anand Swaminath ⁸ , Mark McLaughlin ⁹ , Scott Morgan ¹⁰ , Fabio Cury ¹¹ , Bin S. Teh ¹² , Anand Mahadevan ¹³ , Irving Kaplan ¹⁴ , William Chu ¹⁵ , Raquibul Hannan ⁹ , Michael Staehler ³ , Andrew Warner ¹⁶ , Alexander V. Louie ¹⁵ ¹ Western University, London, ON ² University of Melbourne, Melbourne, AU ³ University of Munich Hospitals, Munich, DE ⁴ Case Western Reserve University, Cleveland, OH ⁵ Pennsylvania State University, Hershey, PA ⁶ University of Washington School of Medicine, Seattle, WA ⁷ University of Yamanashi, Yamanashi, JP ⁸ McMaster University, Hamilton, ON ⁹ University of Texas Southwestern Medical Center, Dallas, TX ¹⁰ University of Ottawa, Ottawa, ON ¹¹ McGill University, Montreal, QC ¹² Houston Methodist Hospital Cancer Center and Research Institute, Houston, TX ¹³ Geisinger Health, Danville, PA ¹⁴ Beth Israel Deaconess Medical Center, Boston, MA ¹⁵ Sunnybrook Health Sciences Centre, Toronto, ON ¹⁶ London Health Sciences Centre, London, ON	

Friday, September 30, 2022

TIME	EVENT	ROOM
11:20 – 11:30am	Fellow Competition (cont'd) 45 TREATMENT PATTERNS AND OUTCOMES OF PATIENTS WITH HIGH-GRADE GLIOMA DURING THE COVID-19 PANDEMIC Ghufran Aljawi, Manik Chahal, Rebecca Harrison, Alan Nichol, Brian Thiessen British Columbia Cancer Agency, Vancouver, BC	TB I/II/III
11:30 – 11:40am	46 PSMA-PET/CT GUIDED INTENSIFICATION OF RADIOTHERAPY FOR PROSTATE CANCER (PSMAGRT): FINDINGS OF DETECTION RATE, IMPACT ON CANCER MANAGEMENT, AND EARLY TOXICITY FROM A PHASE 2 RANDOMIZED CONTROLLED TRIAL Claire Petit ¹ , Guila Delouya ¹ , Daniel Taussky ¹ , Maroie Barkati ¹ , Carole Lambert ¹ , Marie-Claude Beauchemin ¹ , Sébastien Clavel ² , Gary Mok ² , Anne-Sophie Gauthier Paré ² , Thu-van Nguyen ² , Danny Duplan ² , Khun Visith Keu ² , Fred Saad ¹ , Daniel Juneau ¹ , Cynthia Ménard ¹ ¹ Centre de Recherche du Centre Hospitalier de l'Université de Montréal (crCHUM), Montreal, QC ² CHU de Quebec, Laval, QC	TB I/II/III
11:40 – 11:50am	47 MATURE LOCAL CONTROL AND REIRRADIATION RATES COMPARING SPINE STEREOTACTIC BODY RADIOTHERAPY TO CONVENTIONAL PALLIATIVE EXTERNAL BEAM RADIOTHERAPY K. Liang Zeng ¹ , Sten Myrehaug ¹ , Hany Soliman ¹ , Zain A. Husain ¹ , Chia-Lin Tseng ¹ , Jay Detsky ¹ , Mark Ruschin ¹ , Eshetu Atenafu ² , Christopher Witwi ¹ , Jeremie Larouche ¹ , Leodante da Costa ¹ , Pejman Jabehdar Maralani ¹ , Wendy Parulekar ³ , Arjun Sahgal ¹ ¹ University of Toronto, Toronto, ON ² University Health Network, Toronto, ON ³ Queen's University, Kingston, ON	TB I/II/III
11:50 – 12:00pm	48 STEREOTACTIC BODY RADIATION THERAPY FOR NON-SPINE BONE METASTASES: LOCAL CONTROL AND FRACTURE RISK Eric Nguyen ¹ , Renee Korol ¹ , Saher Ali ¹ , Aaron Cumal ¹ , Darby Erler ¹ , Alexander Louie ¹ , Timothy Nguyen ² , Arjun Sahgal ¹ , Hanbo Chen ¹ ¹ Odette Cancer Centre, Toronto, ON ² London Health Sciences Centre, London, ON	TB I/II/III
12:00 – 1:50pm	Lunch	
12:00 – 1:50pm	Visit Exhibit Hall Committee Meetings – see page 47	Exhibit Hall
1:50 – 2:00pm	Truth and Reconciliation Tribute	TB I/II/III
2:00 – 2:45pm	CARO Gold Medal and Gordon Richards Lecture <i>Moderator: Lisa Barbera</i> Introduction Scott Tyledsley Barriers to Clinical Research: We Can Get Over the Hurdles David Palma Objectives: By the end of this session, the participants will be able to: • Review the barriers that prevent the completion of clinical research. • Discuss pragmatic strategies for successful study design and completion.	TB I/II/III
2:45 – 3:00pm	Question & Answer Period	

Friday, September 30, 2022

TIME	EVENT	ROOM
3:00 – 4:15pm	<p>Workshop 1</p> <p>Pan-Canadian Expansion of Electronic Patient Reported Outcomes (ePROs): A Patient Engagement Tool Needed More than Ever Michael McKenzie, Lisa Barbera, Sylvie Lambert, Tarek Hijal, Amanda Caissie, Andrea Coronado</p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Illustrate the current state of the pan-Canadian PRO radiotherapy (recently divested from CPQR to CARO), using examples from PROs initiatives in Canadian radiotherapy centres. • Identify the clinical benefits of PROs from point of care clinical use (symptom monitoring/management) to patient triage models: real-life examples from early PRO adopters. • to guide future PRO program expansion, apply lessons learned from early adopters in PROs implementation: from change management strategies to navigation of IT challenges and PROs use for quality improvement. 	Jackson Carmichael
3:00 – 4:15pm	<p>Workshop 2</p> <p>Integrating Equity-oriented Healthcare Into Cancer Care Practice Scott Beck, Jagbir Kaur, Michael McKenzie</p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Discuss health and healthcare equity, and how inequities impact patient experiences and outcomes in the cancer care sector. • Begin applying an equity lens in clinical settings and practice. • Explore strategies and existing tools for integrating equity-oriented approaches at a systems level. 	Governor General
3:00 – 4:15pm	<p>Workshop 3</p> <p>Future of SABR Trials in Oligometastatic Cancer Rob Olson, David Palma</p> <p>Objectives: By the end of this session, the participants will be able to:</p> <ul style="list-style-type: none"> • Review current state of SABR clinical trials. • Review candidate future clinical trials. • Select Canadian led SABR trials to further develop. 	TB II/III
4:15 – 4:30pm	Refreshment/Stretch Break	Exhibit Hall
4:30 – 6:00pm	Annual General Meeting (By Invitation Only)	TB II/III
6:15 – 6:45pm	Yoga	Poolside
7:00pm	Dinner and Awards Ceremony	TB I/II

Saturday October 1, 2022

TIME	EVENT	ROOM
7:00 – 8:00am	Breakfast	Convention Level
7:00 – 8:00am	CROF Fun Run/Walk Meet in the lobby of the hotel at University Avenue Doors at 6:45am	Hotel Lobby
8:00 – 8:45am	Jean Roy Lecture <i>Moderator: Marc Gaudet</i> Brachytherapy Training: How Do We Construct a Renaissance? Mark Corkum Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Understand factors which have contributed to a decline in brachytherapy utilization. • Describe approaches to enhance training of radiation oncologists in brachytherapy. • Propose steps aimed at attracting the next generation of radiation oncologists to become brachytherapy. 	TB I
8:45 – 9:00am	Question & Answer Period	
9:00 – 10:00am	Canadian Brachytherapy Group Oral Session <i>Moderators: Maroie Barkati, Kevin Martell</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> • Discover ongoing brachytherapy research taking place within radiation oncology. • Discuss the top ranked brachytherapy research abstracts. 	TB I
9:00 – 9:10am	49 AUTOMATED CATHETER TRACKING IN 3D ULTRASOUND IMAGES FROM HIGH-DOSE-RATE PROSTATE BRACHYTHERAPY USING DEEP LEARNING AND FEATURE EXTRACTION Nicole Kitner, Jessica R. Rodgers, Tamas Ungi, Timothy Olding, Chandra Joshi, Parvin Mousavi, Gabor Fichtinger, Martin Korzeniowski Queen's University, Kingston, ON	TB I
9:10 – 9:20am	50 A PILOT STUDY OF SALVAGE HDR BRACHYTHERAPY IN RECURRENT PROSTATE CANCER: 5 YEAR TOXICITY AND OUTCOMES Maxence Cloutier, Damien Carignan, Marie-Claude Lavallée, André-Guy Martin, Éric Vigneault, William Foster CHU de Québec-Université Laval, Québec, QC	TB I
9:20 – 9:30am	51 PATIENT'S REPORTED OUTCOMES (PROS) OF AN ULTRA-HYPO FRACTIONATED (UHF) PROSTATE IMAGE GUIDED RADIATION THERAPY (IGRT) WITH HDR BRACHYTHERAPY BOOST (BB) AS COMPARED TO A MODERATE HYPO FRACTIONATED (MHF) APPROACH: INTERIM ANALYSIS OF A PHASE TWO STUDY André-Guy Martin, Damien Carignan, Marie-Michèle Beaudry, Élyse Ménard, William Foster, Éric Vigneault, Cindy Magnan, Bernard Lachance, Éric Poulin, Louis Archambault, Frédéric Lacroix, Luc Beaulieu, Philippe Després CHU de Québec-Université Laval, Québec, QC	TB I
9:30 – 9:40am	52 EARLY CLINICAL OUTCOMES AFTER PELVIC INTERSTITIAL BRACHYTHERAPY USING 3D-PRINTED PATIENT-SPECIFIC CUSTOM VAGINAL TEMPLATES IN BRITISH COLUMBIA Francois Bachand, Deidre Batchelar, Michael Kudla, Jocelyn Moore, Hamid Raziee, Nikitha Moideen, Felipe Castro, Juanita Crook University of British Columbia, Kelowna, BC	TB I

September 28-October 1, 2022

Saturday October 1, 2022

TIME	EVENT	ROOM
9:40 – 9:50am	Canadian Brachytherapy Group Oral Session (cont'd) 53 COMPARING DOSIMETRY OF LOCALLY ADVANCED CERVIX CANCER PATIENTS TREATED WITH 3 VERSUS 4 FRACTIONS OF MRI-GUIDED BRACHYTHERAPY ABA Scott, Madrigal Weersink, Zhihui Amy Liu, Michael Milosevic, Jennifer Croke, Anthony Fyles, Jelena Lukovic, Alexandra Rink, Akbar Beiki-Ardakani, Jette Borg, Jason Xie, Kitty Chan, Heather Ballantyne, Julia Skliarenko, Jessica Conway, Adam Gladwish, Robert Weersink, Kathy Han University of Toronto, Toronto, ON	TB I
9:50 – 10:00am	54 RADIOBIOLOGICAL RESPONSE TO BRACHYTHERAPY: CERVICAL SQUAMOUS CELL CARCINOMA VERSUS ADENOCARCINOMA PARAMETERS, QUANTIFIED IN VITRO Braden Chow, Brad Warkentin, Kareena Nanda, Sunita Ghosh, Fleur Huang, Armin Gamper, Geetha Menon University of Alberta, Edmonton, AB	TB I
10:00 – 10:30am	Refreshment Break	
10:30 – 12:00pm	CARO-ESTRO Symposium Radiation Oncology 2042 <i>Moderators: Corinne Doll, Fan Yang</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> Identify patients who will benefit from novel radiotherapy techniques (protons and MR-based radiotherapy) and the importance of collecting clinical outcomes and toxicity. Understand the future of how clinical care is delivered, including optimizing patient/provider experience and research opportunities. 	Convention Level
10:30 – 11:00am	The Future of Radiation Medicine Protons and Particles Marco van Vulpen	
11:00 – 11:15am	Personalization and Adaptation Andy McPartlin	
11:15 – 11:30am	The Future of Patient interaction Remote/Virtual Care and 2-way Care Clinical Research Strategies Srinivas Raman	
11:30 – 12:00am	Discussion Period	
12:00 – 12:15pm	Refreshment/Stretch Break	Convention Level
12:15 – 1:15pm	Plenary Abstracts <i>Moderators: Alan Nichol, Magali Lecavalier-Barsoum</i> Objectives: By the end of this session, the participants will be able to: <ul style="list-style-type: none"> Understand 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. 	TB I

Saturday October 1, 2022

TIME	EVENT	ROOM
12:15 – 12:30pm	<p>Plenary Abstracts (cont'd)</p> <p>55 EVALUATION OF PATIENT REPORTED OUTCOME DIFFERENCES BY RADIOTHERAPY TECHNIQUE FOR BONE METASTASES IN A NON-INCENTIVIZED HEALTH CARE SYSTEM Vincent Lapointe¹, Alex Benny², Matthew Chan³, Shilo Lefresne³, Michael McKenzie³, Robert Olson² ¹British Columbia Cancer Agency, Vancouver, BC ²University of British Columbia, Prince George, BC ³University of British Columbia, Vancouver, BC</p>	TB I
12:30 – 12:45pm	<p>56 PHASE 2 TRIAL OF NEOADJUVANT METFORMIN AND TEMOZOLOMIDE FOLLOWED BY HYPOFRACTIONATED ACCELERATED RADIOTHERAPY WITH CONCOMITANT AND ADJUVANT METFORMIN AND TEMOZOLOMIDE IN PATIENTS WITH NEWLY DIAGNOSED GLIOBLASTOM George Shenouda, Kevin Petrecca, Bassam Abdulkarim, Scott Owen, Valerie Panet-Raymond, Roberto Diaz, Marie-Christine Guiot, Jeffery Hall, Melissa Charbonneau, Tatiana Carvalho, Luis Souhami McGill University, Montreal, QC</p>	TB I
12:45 – 1:00pm	<p>57 ACCELERATED PARTIAL BREAST IRRADIATION (APBI) USING FIVE DAILY FRACTIONS: A PROSPECTIVE, PHASE II, MULTI-CENTRE TRIAL OF COSMETIC OUTCOMES AND TOXICITY (THE ACCEL TRIAL): FINAL RESULTS Petra Grendarova⁵, Michael Roumeliotis², Sarah Quirk², Tien Phan², Hongwei Liu³, Peter Craighead², Mark Lesiuk¹, James Pinilla¹, Jane Wilson⁴, Karen Long¹, Ivo A Olivotto² ¹Alberta Health Services, Calgary, AB ²University of Calgary, Calgary, AB ³University of Calgary, Red Deer, AB ⁴University of Calgary, Lethbridge, AB ⁵University of Calgary, Grande Prairie, AB</p>	TB I
1:00 – 1:15pm	<p>58 EVALUATING THE SHORT-TERM ENVIRONMENTAL AND CLINICAL EFFECTS OF A RADIATION ONCOLOGY DEPARTMENT'S RESPONSE TO THE COVID-19 PANDEMIC (STEER COVID-19) Philip Wong¹, Ronald Cheung², Emma Ito¹, Marianela Lopez¹, Ed Rubinstein³, Harald Keller¹, Fred Cheung¹, Zhihui Amy Liu¹, Fei-Fei Liu¹ ¹Princess Margaret Cancer Centre, Toronto, ON ²Western University, London, ON ³University Health Network, Toronto, ON</p>	TB I
1:15 – 1:30pm	<p>Closing Remarks</p>	TB I

September 28-October 1, 2022

Posters

Abstract #59-189

NO.	ABSTRACT TITLE
59	<p>ELIMINATING TATTOOS FOR SHORT COURSE PALLIATIVE RADIOTHERAPY: SET-UP ERROR, SATISFACTION AND COST Joanna Javor², Tara Rosewall, Angela Cashell², Carina Feuz², Edward Taylor¹, Aisling Barry¹ ¹University of Toronto, Toronto, ON ²Princess Margaret Cancer Centre, Toronto, ON</p>
60	<p>DOES A SUBSPECIALTY GYNECOLOGIC PATHOLOGY REVIEW CHANGE MANAGEMENT OF ENDOMETRIAL CANCER PATIENTS: A BC CANCER- VICTORIA EXPERIENCE Jennifer Rauw¹ Caroline Holloway¹, Heather Lockyear², Celine Laumont¹, Julie Irving¹, Joyce Leo¹ ¹University of British Columbia, Victoria, BC ²British Columbia Cancer Agency, Victoria, BC</p>
61	<p>THE NON-OPERATIVE MANAGEMENT USING SBRT FOR TECHNICALLY RESECTABLE, BUT MEDICALLY INOPERABLE, PANCREATIC ADENOCARCINOMA Benjamin Royal-Preyra, Matthew Abrams Harvard University, Boston, MA</p>
62	<p>ACUTE TOXICITY IN HIGH-RISK PROSTATE CANCER PATIENTS TREATED WITH EXTREME HYPOFRACTIONATION (HRPC-SBRT) Sergio Faria, Marie Duclos, Mohammed Aldohan, Fabio Cury, Horacio Patrocinio, Luis Souhami McGill University, Montreal, QC</p>
63	<p>DOSE TO THE INTERNAL MAMMARY CHAIN LYMPH NODES IN CASES WITH INTERNAL MAMMARY LYMPH NODE RELAPSE: A CASE CONTROL STUDY Louise Wade¹, Lovedeep Gondara², Carrie-Lynne Swift², Nick Chng², Dylan Narinesingh¹, Caroline Speers², Caroline Lohrisch¹, Alan Nichol¹ ¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Vancouver, BC</p>
64	<p>POPULATION-BASED OUTCOMES OF GYNECOLOGIC CANCER PATIENTS TREATED WITH WHOLE BRAIN OR STEREOTACTIC RADIOTHERAPY FOR BRAIN METASTASES Timothy Kong¹, Maryam Dosani², Jennifer Rauw², Isabelle Vallieres², Abraham Alexander¹ ¹University of British Columbia, Vancouver, BC ²University of British Columbia, Victoria, BC</p>
65	<p>PREDICTORS OF EARLY POLYMETASTATIC RELAPSE FOLLOWING STEREOTACTIC ABLATIVE RADIOTHERAPY FOR UP TO 5 OLIGOMETASTASES: A SECONDARY ANALYSIS OF THE PHASE II SABR-5 TRIAL Sarah Baker¹, Benjamin Mou¹, Will (Wei Ning) Jiang¹, Mitchell Liu¹, Alanah Bergman², Devin Schellenberg¹, Abraham Alexander¹, Hannah Carolan¹, Siavash Atrchian¹, Tanya Berrang¹, Andrew Bang¹, Nick Chng², Quinn Matthews², Scott Tyldesley¹, Robert Olson¹ ¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Vancouver, BC</p>
66	<p>DO ANTHROPOMETRIC INDICES CORRELATE WITH PROSTATE CANCER IN NIGERIAN MEN? Kehinde Adeyinka¹, Atara Ntekim², Oluwabori Olukoyejo³, Temitope Ilori², Augustine Takure², Samuel Ajekwu³, Nurudeen Bakare⁴, Ramat Ganiyu⁴, Oluwaponmile Odukoya², Paul Olapade², Kenechukwu Okwunze², Abraham Oladimeji³, Taiwo Aremu⁵, Anuja Jhingran⁶, Oluwatosin Oluwole⁵, Rebecca Wong⁷ ¹University College Hospital, Ibadan, NRA ²University of Ibadan, Ibadan, NRA ³Obafemi Awolowo University Teaching Hospital, Ile-Ife, NRA ⁴Lagos State University Teaching Hospital, Ikeja, NRA ⁵University of Minnesota, Minneapolis, MN ⁶The University of Texas MD Anderson Cancer Center, Houston, TX ⁷University of Toronto, Toronto, ON</p>
67	<p>ENSURING SUPERIOR REPORTING OF NON-INFERIORITY RADIOTHERAPY CLINICAL TRIALS: A SYSTEMATIC REVIEW Andrew Arifin¹, Vivian Tan¹, Michael Yan², R. Gabriel Boldt¹, Andrew Warner¹, George Rodrigues¹, David Palma¹, Alexander Louie² ¹London Health Sciences Centre, London, ON ²Sunnybrook Health Sciences Centre, Toronto, ON</p>

Posters

Abstract #59-189

NO.	ABSTRACT TITLE
68	<p>RADIATION DOSE, TECHNIQUE, AND USE OF BRAIN RADIATION ON OVERALL SURVIVAL IN PATIENTS WITH LIMITED-STAGE SMALL CELL LUNG CANCER Anand Swaminath, Shelly Palchik, Gregory Pond, Che Hsuan David Wu, Jim Wright, Theodoros Tsakiridis McMaster University, Hamilton, ON</p>
69	<p>MULTI-TARGET THORACIC STEREOTACTIC BODY RADIOTHERAPY – TOXICITY AND EFFICACY ANALYSIS Eric Nguyen¹, Ian Poon¹, Yee Ung¹, May Tsao¹, Renee Korol¹, Alyaa Elzibak¹, Darby Erler¹, Liying Zhang², Alexander Louie¹, Patrick Cheung¹ ¹Odette Cancer Centre, Toronto, ON ²University of Toronto, Toronto, ON</p>
70	<p>PERSON-CENTERED RADIATION THERAPY FOR BREAST CANCER PATIENTS: PATIENT EXPERIENCES FROM A PROSPECTIVE RANDOMIZED TRIAL (PERSON) Vivian Hoang, Michael Velec, Angela Cashell, Joseph Nachman, Jennifer Croke, Anthony Fyles, Rachel Glicksman, Ezra Hahn, Kathy Han, Joelle Helou, Fei-Fei Liu, Kawalpreet Singh, Amy Liu, Susan Chen, Kirsten Bryant, Suyeon Kim, Susanne Lofgren, Sajida Moledina, Anita Vloet, C. Anne Koch Princess Margaret Cancer Centre, Toronto, ON</p>
71	<p>INCIDENCE AND MANAGEMENT TRENDS IN LOCALLY ADVANCED HEAD AND NECK NON-MELANOMA SKIN CANCER Ka-Kit David Yeung, Han Zhang, Michael Gupta, Matthew McRae, Gregory Pond, Justin Lee McMaster University, Hamilton, ON</p>
72	<p>PAIN AND INTERVENTIONS IN STAGE IV NON-SMALL CELL LUNG CANCER: A PROVINCE-WIDE ANALYSIS Vivian Tan¹, Michael Tjong², Wing Chan³, Michael Yan², Victoria Delibasic³, Gail Darling², Laura Davis⁴, Mark Doherty², Julie Hallet², Biniam Kidane⁵, Alyson Mahar⁵, Nicole Mittmann⁶, Ambika Parmar², Hendrick Tan⁷, Frances Wright², Natalie Coburn², Alexander Louie² ¹Western University, London, ON ²University of Toronto, Toronto, ON ³Institute for Clinical Evaluative Sciences, Toronto, ON ⁴Sunnybrook Research Institute, Toronto, ON ⁵University of Manitoba, Winnipeg, MB ⁶Canadian Agency for Drugs and Technology in Health, Ottawa, ON ⁷GenesisCare, Perth, AU</p>
73	<p>ERECTILE FUNCTION AFTER 60GY IN 20 FRACTIONS EXTERNAL BEAM RADIOTHERAPY TO THE PROSTATE Conrad Bayley¹, Sarah Quirk², Jeremy Braun², Lingyue Sun², Wendy Smith², Harvey Quon², Kundan Thind³, Kevin Martell² ¹University of Alberta, Edmonton, AB ²University of Calgary, Calgary, AB ³Henry Ford Health System, Detroit, MI</p>
74	<p>NEUROMODULATORY EFFECT AND DOSE RESPONSE OF FUNCTIONAL RADIOSURGERY ON CORTICAL NEURONS Megan Boucher-Routhier¹, Janos Szanto², Jean-Philippe Thivierge¹, Vimoj Nair² ¹University of Ottawa, Ottawa, ON ²The Ottawa Hospital, Ottawa, ON</p>
75	<p>STEREOTACTIC BODY RADIOTHERAPY FOR RENAL CELL CARCINOMA: ONCOLOGIC AND RENAL FUNCTION OUTCOMES Rachel Glicksman¹, Patrick Cheung², Renee Korol², Mark Niglas³, Humza Nusrat², Darby Erler², Danny Vesprini², Anand Swaminath⁴, Melanie Davidson², Liying Zhang², William Chu² ¹University of Toronto, Toronto, ON ²Odette Cancer Centre, Toronto, ON ³Lakeridge Health, Oshawa, ON ⁴Juravinski Cancer Centre, Hamilton, ON</p>
76	<p>EVALUATION OF USE OF ADJUVANT RADIOTHERAPY AND SURGICAL APPROACH WITH RESPECT TO ONCOLOGIC OUTCOMES IN THE MANAGEMENT OF EARLY-STAGE CERVICAL CARCINOMA Laura Burgess, Wafa Alduwaisan, Tien Le, Rajiv Samant University of Ottawa, Ottawa, ON</p>
77	<p>OUTCOMES OF 30GY IN 4 FRACTIONS FOR SPINE STEREOTACTIC BODY RADIOTHERAPY Daniel Palhares, Kang Liang Zeng, Sten Myrehaug, Chia-Lin (Eric) Tseng, Jay Detsky, Zain Husain, Chinthaka (Chris) Heyn, Pejman Maralani, Leodante da Costa, Jeremie Larouche, Arjun Sahgal, Hany Soliman Sunnybrook Health Sciences Centre, Toronto, ON</p>

Posters

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NO.	ABSTRACT TITLE
78	<p>A BRITISH COLUMBIA BASED POPULATION STUDY ON THE TREATMENT AND LONG-TERM OUTCOMES OF THYMOMA: A 25-YEAR RETROSPECTIVE REVIEW</p> <p>Eric Wu¹, Daegan Sit², Heather Derocher¹, Tami Yu-Yu Lin³, Angela Lin⁴, Delia Sauciuc⁴, Sonja Murchison², Jodi Siever³, Siavash Atrchian⁴</p> <p>¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Vancouver, BC ³University of British Columbia, Kelowna, BC ⁴British Columbia Cancer Agency, Kelowna, BC</p>
79	<p>PLANNING FOR THE IMPACT OF SC.24 ON SPINE STEREOTACTIC BODY RADIOTHERAPY (SBRT) UTILIZATION AT A TERTIARY CANCER CENTRE</p> <p>Andrew Arifin¹, Sympascho Young¹, Arjun Sahgal², Timothy Nguyen¹</p> <p>¹London Health Sciences Centre, London, ON ²Sunnybrook Health Sciences Centre, Toronto, ON</p>
80	<p>OPTIMIZING RESOURCES AND SKILLS IN A MULTIDISCIPLINARY WORKFLOW FOR PROSTATE MR-LINAC ADAPTIVE RADIOTHERAPY</p> <p>Winnie Li¹, Patricia Lindsay¹, Jerusha Padayachee², Jennifer Dang², Vickie Kong¹, Cathy Carpino-Rocca², Iris Wong², Peter Chung¹</p> <p>¹University of Toronto, Toronto, ON ²Princess Margaret Cancer Centre, Toronto, ON</p>
81	<p>OUTCOMES OF LOCALLY ADVANCED, PT4 WELL-DIFFERENTIATED THYROID CANCER WITH OVERALL STAGE I DISEASE – A POPULATION-BASED STUDY</p> <p>Daegan Sit¹, Aria Shokoohi², Tyler Raycraft¹, Mitchell Vu¹, Matthew Chan¹, Nicole Chau¹, Eric Berthelet¹, Eric Tran¹, Jonn Wu¹, Robert Olson³, Sarah Nicole Hamilton¹</p> <p>¹University of British Columbia, Vancouver, BC ²University of Alberta, Edmonton, AB ³University of British Columbia, Prince George, BC</p>
82	Withdrawn
83	<p>DOSE-ESCALATED TWO-FRACTION SPINE STEREOTACTIC BODY RADIOTHERAPY: 28 GY VERSUS 24 GY IN 2 DAILY FRACTIONS</p> <p>K. Liang Zeng¹, Ahmed Abugarib¹, Hany Soliman¹, Sten Myrehaug¹, Zain Husain¹, Jay Detsky¹, Mark Ruschin¹, Alex Karotki¹, Eshetu Atenafu², Pejman Maralani¹, Arjun Sahgal¹, Chia-Lin Tseng¹</p> <p>¹University of Toronto, Toronto, ON ²University Health Network, Toronto, ON</p>
84	<p>ADULT SURVIVORS OF CHILDHOOD CANCER: VIEWS ON COVID-19 AND VACCINATION</p> <p>Karen Goddard¹, Andrew Pritchard¹, Jeffrey Toy², Luminita Nica¹, Fuchsia Howard², Jonathan Loree¹</p> <p>¹British Columbia Cancer Centre, Vancouver, BC ²University of British Columbia, Vancouver, BC</p>
85	<p>TEN-YEAR TRENDS IN CANADIAN FEMALE MEDICAL STUDENT INTEREST IN RADIATION ONCOLOGY</p> <p>Yiming (Michael) Zhu¹, Conley Krieglner¹, Meredith Giuliani², Adele Duimering¹, Brock Debenham¹, Jordan Hill¹, Shaun Loewen³</p> <p>¹University of Alberta, Edmonton, AB ²University of Toronto, Toronto, ON ³University of Calgary, Calgary, AB</p>
86	<p>RADIATION DOSE ENHANCEMENT USING GOLD NANOPARTICLES WITH A DIAMOND LINEAR ACCELERATOR TARGET: A MULTIPLE CELL TYPE ANALYSIS</p> <p>Olivia Piccolo¹, Michael Ha¹, James Robar¹, John Lincoln¹, Nicole Melong², Jason Berman², Nick Fernandez³, Benno Orr³, Jennifer Borsavage¹</p> <p>¹Dalhousie University, Halifax, NS ²University of Ottawa, Ottawa, ON ³University of Toronto, Toronto, ON</p>

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87	<p>PATIENT REPORTED OUTCOMES DURING HEAD AND NECK CANCER RADIOTHERAPY USING THE MD ANDERSON SYMPTOM INVENTORY- HEAD AND NECK MODULE (MDASI-HN) Eric Tran¹, Sonya Lam¹, Sarah Hamilton¹, Jonn Wu¹, Eric Berthelet¹, Matthew Chan¹, Sheena Sibug¹, Paul Willinsky¹, Vincent Lapointe¹, Jeremy Hamm¹, Robert Olson² ¹University of British Columbia, Vancouver, BC ²University of British Columbia, Prince George, BC</p>
88	<p>OUTCOMES OF RADIOTHERAPY ALONE FOR LOCALLY ADVANCED NON-SMALL CELL LUNG CANCER (LA-NSCLC) IN PATIENTS UNFIT FOR CHEMO-RADIOTHERAPY Mohammad Gouran-savadkoohi, Greg Pond, Kimmen Quan, Aruz Mesci, Anand Swaminath, Gordon Okawara, Derek Ribeiro, Tom Chow, James Wright, Theos Tsakiridis McMaster University, Hamilton, ON</p>
89	<p>THE RADIATION INCIDENT SAFETY COMMITTEE INCIDENT REPORTING GUIDANCE TREE: A TOOL TO AID PROVINCIAL AND NATIONAL INCIDENT SHARING Cassandra Costello-Cornfield¹, Erika Hammer², Tom Farrell³, Josef Dubicki⁴, Sara Kaune⁵, Julie Kraus², Brian Liszewski⁴, Lyndon Morley⁵, Gabe Menjolian⁷, Ernest Osei⁶, Leah Wolfe⁶, Lisa Palmer⁶ ¹Simcoe Muskoka Regional Cancer Centre, Barrie, ON ²Odetta Cancer Centre, Toronto, ON ³McMaster University, Hamilton, ON ⁴Ontario Health, Toronto, ON ⁵Princess Margaret Cancer Centre, Toronto, ON ⁶Grand River Hospital, Kitchener, ON ⁷Juravinski Cancer Centre, Hamilton, ON</p>
90	<p>This abstract is posted on the CARO portal for viewing: AN INTERPRETABLE QUANTUM NEURAL NETWORK TO DIFFERENTIATE BETWEEN LARGE BRAIN METASTASES AND HIGH-GRADE GLIOMA USING QUANTUM-INFORMED MRI RADIOMIC FEATURE SELECTION Tony Felefly¹, Camille Roukoz¹, Georges Fares¹, Samir Achkar², Sandrine Yazbek³, Manal Kordahi⁴, Fares Azoury¹, Dolly Nasr¹, Elie Nasr¹, Georges Noël⁵, Ziad Francis¹ ¹Hôtel-Dieu de France Hospital, Saint Joseph University, Lebanon, BEY ²Gustave Roussy, Paris Saclay University, Villejuif, FR ³University of Maryland, Baltimore, MD ⁴Institut National de Pathologie, BEY ⁵Institut de Cancérologie Strasbourg Europe (ICANS), UNICANCER, Paul Strauss Comprehensive Cancer Center, Strasbourg, FR</p>
91	<p>PREDICTABILITY OF POST-NEOADJUVANT CHEMOTHERAPY MRI FOR PATHOLOGICAL COMPLETE RESPONSE IN TRIPLE NEGATIVE AND HER2 POSITIVE BREAST CANCERS Libby Ben-Zvi, Constanza Martinez, Sarkis Meterissian, Christine Lambert, Tarek Hijal McGill University, Montreal, QC</p>
92	<p>[177LU]LU-DOTA-TATE AS FIRST-LINE THERAPY FOR PATIENTS WITH GRADE 2 AND 3 ADVANCED GASTROENTEROPANCREATIC NEUROENDOCRINE TUMOURS (GEP-NETS): THE NETTER-2 STUDY Sten Myrehaug¹, Simron Singh¹, Marianne Pavel², Pamela Kunz³, Wouter de Herder⁴, Ken Herrmann⁵, Anthony D'Amelio Jr⁶, Paola Santoro⁶, Ilya Folitar⁷, Diego Ferone⁸ ¹University of Toronto, Toronto, ON ²FAU Erlangen-Nurnberg, Erlangen, DE ³Yale School of Medicine, New Haven, CT ⁴Erasmus University, Rotterdam, NL ⁵Universitätsklinikum Essen, Essen, DE ⁶Novartis Pharmaceuticals Corporation, East Hanover, NJ ⁷Advanced Accelerator Applications, a Novartis company, Geneva, CH ⁸University of Genova, Genova, CH</p>
93	<p>AN EXPLORATION OF RADIATION-INDUCED SIDE EFFECTS FOR PALLIATIVE PATIENTS TREATED WITH VOLUMETRIC MODULATED ARC THERAPY VERSUS CONVENTIONAL RADIOTHERAPY TO THE SPINE Asvena Sriharan¹, Charles Cho¹, John San Miguel², Zishan Allibhai¹, Natalie Rozanec¹ ¹University of Toronto, Toronto, ON ²Southlake Regional Health Centre, Newmarket, ON</p>

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94	<p>A PROSPECTIVE SINGLE CANADIAN STUDY FOR TARGETED INTRAOPERATIVE RADIOTHERAPY (TARGET) DURING BREAST-CONSERVING SURGERY FOR PATIENTS WITH EARLY-STAGE BREAST CANCER Constanza Martinez, Tarek Hijal, Sarkis Meterissian, Valerie Panet-Raymond, Christine Lambert, Asma Saidi, Marc David, David Fleischer, Francine Tremblay, Ari Meguerditchian McGill University, Montreal, QC</p>
95	<p>ADVANCED RADIATION ONCOLOGY LEARNING MODULES WITHIN THE INTERACTIVE SMARTPHONE APPLICATION: "THE RAD ONC HANDBOOK" Benson Wan, Ian J. Gerard, Vanessa Di Lalla, Sonia Skamene, Joanne Alfieri McGill University, Montreal, QC</p>
96	<p>A 20-YEAR REVIEW OF THE ONTARIO RADIATION THERAPY ACCESS TO CARE CRISIS: LESSONS APPLIED TO THE COVID-19 PANDEMIC Gunita Mitera University of Toronto, Toronto, ON</p>
97	<p>BARRIERS TO ACCESS PALLIATIVE RADIATION TREATMENT IN PROSTATE CANCER: A POPULATION BASED STUDY Alborz Jooya, Danial Qureshi, Jennifer Leigh, Colleen Webber, Peter Tanuseputro, Michael Ong, Jean-Marc Bourque, Scott Morgan, Robert MacRae The Ottawa Hospital, Ottawa, ON</p>
98	<p>SUSTAINABLE REMOTE WORK FOR RADIATION THERAPISTS: IMPLEMENTATION IN A LARGE URBAN RADIATION THERAPY CENTRE Christine Hill, Lorella Divanbeigi, Veng Chhin, Ryan Hyvarinen, Nareesa Ishmail, Tatiana Ritchie, Angela Cashell, Lyndon Morley, Zaynab Muraj, Jerry Roussos, Andrea Shessel, Michael Velec, Tara Rosewall Princess Margaret Cancer Centre, Toronto, ON</p>
99	<p>INTENSITY-MODULATED RADIATION THERAPY WITH STEREOTACTIC BODY RADIATION THERAPY BOOST FOR UNFAVOURABLE PROSTATE CANCER: FVIE-YEAR OUTCOMES Michael Carrasquilla¹, Tamir Shoklapper¹, Nicole Hodgins¹, Alan Zwart¹, Malika Danner¹, Grecia Bolanos¹, Marilyn Ayoob¹, Thomas Yung¹, Deepak Kumar², Nima Aghdam³, Brian Collins¹, Ryan Hankins¹, Simeng Suy¹, Sean Collins¹ ¹Georgetown University Hospital, Washington, DC ²North Carolina Central University, Durham, NC ³Beth Israel Deaconess Medical Center, Boston, MA</p>
100	<p>ENDOBONCHIAL IMPLANTED REAL-TIME RADIOFREQUENCY (RF) TRANSPONDER BEACON GUIDED, RESPIRATORY-GATED, STEREOTACTIC BODY RADIOTHERAPY FOR MOVING LUNG TUMOURS: INTERIM ANALYSIS OF A PROSPECTIVE PHASE I/II COHORT STUDY Jui Chih Cheng¹, Sankar Venkataraman², Naseer Ahmed², Lawrence Tan¹, Biniam Kidane¹, David Sasaki², Shrinivas Rathod², Gokulan Sivananthan², Rashmi Koul², Ahmet Leylek², Jim Butler², Boyd McCurdy², Ralph Wong², Julian Kim² ¹University of Manitoba, Winnipeg, MB ²CancerCare Manitoba, Winnipeg, MB</p>

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101	<p>SALVAGE PROSTATE BRACHYTHERAPY IN RADIORECURRENT PROSTATE CANCER: AN INTERNATIONAL DELPHI CONSENSUS STUDY</p> <p>Gerard Morton¹, Hans T. Chung¹, Mark T. Corkum², Mark Buyyounouski³, Albert Chang⁴, Peter Chung⁵, Brett Cox⁶, Juanita Crook⁷, Brian Davis⁸, Steven Frank⁹, Iván Henriquez¹⁰, Eric Horwitz¹¹, Peter Hoskin¹², I-Chow Hsu¹³, Mira Keyes¹⁴, Martin King¹⁵, Marissa Kollmeier¹⁶, Daniel Krauss¹⁷, Andrzej Kukielka¹⁸, Peter Orio¹⁵, Bradley Pieters¹⁹, Louis Potters²⁰, Peter Rossi²¹, Timothy Showalter²², Abhishek Solanki²³, Danny Song²⁴, Ben Vanneste²⁵, Eric Vigneault²⁶, Piotr Wojcieszek²⁷, Michael Zelefsky¹⁶, Mitchell Kamrava²⁸</p> <p>¹Odette Cancer Centre, Toronto, ON ²The Ottawa Hospital, Ottawa, ON ³Stanford University, Palo Alto, CA ⁴University of California, Los Angeles, CA ⁵Princess Margaret Cancer Centre, Toronto, ON ⁶Rush University Medical Center, Chicago, IL ⁷University of British Columbia, Kelowna, BC ⁸Mayo Clinic, Rochester, MN ⁹MD Anderson Cancer Center, Houston, TX ¹⁰Hospital Universitario Sant Joan, Reus, SP ¹¹Fox Chase Cancer Center, Philadelphia, PA ¹²Mount Vernon Hospital, Northwood, UK ¹³University of California San Francisco, San Francisco, CA ¹⁴University of British Columbia, Vancouver, BC ¹⁵Harvard University, Boston, MA ¹⁶Memorial Sloan Kettering Cancer Center, New York City, NY ¹⁷Beaumont, Royal Oak, MI ¹⁸Ludwik Rydygier Memorial Hospital, Krakow, PL ¹⁹Amsterdam UMC – Vrije University Medical Center, Amsterdam, NL ²⁰Northwell Health, Lake Success, NY ²¹Valley View Hospital, Glenwood Springs, CO ²²University of Virginia, Charlottesville, VA ²³Loyola University, Chicago, IL ²⁴Johns Hopkins University, Baltimore, MD ²⁵Maastricht University Medical Centre, Maastricht, NL ²⁶CHU de Québec-Université Laval, Québec City, QC ²⁷Maria Skłodowska-Curie National Research Institute of Oncology (MSCNRI), Gliwice, PL ²⁸Cedars Sinai, Los Angeles, CA</p>
102	<p>THE PROGNOSTIC VALUE OF 18F-FDG PET/CT PARAMETERS IN PATIENTS WITH SQUAMOUS CELL CARCINOMA OF THE ANAL CANAL TREATED WITH DEFINITIVE RADIO-CHEMOTHERAPY: A 10-YEAR RETROSPECTIVE ANALYSIS</p> <p>Patrick Martin, Laurence Bernier CHU de Québec-Université Laval, Québec, QC</p>
103	<p>THE IMPACT OF IMRT ON OUTCOMES IN THE PRIMARY TREATMENT OF CERVICAL CANCER: A SINGLE INSTITUTION EXPERIENCE</p> <p>Bayan Malakouti-Nejad, Ege Babadagli, Rajiv Samant The Ottawa Hospital, Ottawa, ON</p>
104	<p>EVALUATION OF POST-TREATMENT PET SCANS FOR CERVICAL CANCER</p> <p>Negin Shahid¹, Andrew Bang², Rolf Tonseth³, Abraham Alexander¹, Celine Laumont¹, Caroline Holloway¹</p> <p>¹British Columbia Cancer Agency, Victoria, BC ²British Columbia Cancer Agency, Vancouver, BC ³University of British Columbia, Victoria, BC</p>
105	<p>THE DOSIMETRIC UNDERPINNING OF BLADDER FILLING CRITERIA FOR PROSTATE IGRT</p> <p>Vickie Kong, Jennifer Dang, Vanessa Wan, Tara Rosewall Princess Margaret Cancer Centre, Toronto, ON</p>
106	<p>FENDING FOR FAMILIES: CHARACTERIZING THE NEED FOR CHILDCARE SUPPORT FOR CANCER PATIENTS</p> <p>Katherine Preston¹, Mackenzie MacDonald², Paris-Ann Ingledew¹</p> <p>¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Vancouver, BC</p>

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107	<p>PREVALENCE OF OLIGOMETASTASES AT INITIAL STAGING OF NEUROENDOCRINE TUMOURS? – A 68GA DOTATATE PET (GA68PET) POPULATION-BASED REGISTRY ESTIMATE</p> <p>Sarah Murad¹, Rebecca Wong², James Brierley², Claudia Ortega², Roshini Kulanthaivelu², Ricarda Hinzpeter², Douglas Hussey², Julia Duder³, Ur Metsler²</p> <p>¹University of Toronto, Toronto, ON ²University Health Network, Toronto, ON ³Royal College of Surgeons Ireland, Dublin, IE</p>
108	<p>EARLY CLINICAL EFFECTIVENESS, TOXICITY, AND QUALITY OF LIFE OUTCOMES OF MAGNETIC RESONANCE IMAGING-GUIDED STEREOTACTIC ABLATIVE RADIOTHERAPY: A SYSTEMATIC REVIEW</p> <p>Amir H. Safavi², Alexander V. Louie², R. Gabriel Boldt¹, Anna M.E. Bruynzeel³, Frank J. Lagerwaard³, Suresh Senan³, Hanbo Chen²</p> <p>¹London Health Sciences Centre, London, ON ²University of Toronto, Toronto, ON ³VU University Medical Center, Amsterdam, NL</p>
109	<p>PROSTATE CANCER-SPECIFIC DEATH RATES IN LOCALIZED PROSTATE CANCER: DATA FROM TWO RANDOMIZED TRIALS</p> <p>Abdenour Nabid¹, Nathalie Carrier¹, Eric Vigneault², Peter Vavassis³, Marc-André Brassard⁴, Boris Bahoric⁵, Robert Archambault⁶, François Vincent⁷, Redouane Bettahar⁸, Derek Wilke⁹, Thu Van Nguyen⁵, André-Guy Martin², Jean-Paul Bahary⁵, Marie Duclos¹⁰, Sylvie Vass⁴, Luis Souhami¹⁰</p> <p>¹Université de Sherbrooke, Sherbrooke, QC ²CHU de Québec-Université Laval, Québec, QC ³Université de Montréal, Montréal, QC ⁴Centre de Santé et de Services Sociaux de Chicoutimi, Chicoutimi, QC ⁵Université de Montréal, Montréal, QC ⁶Hôpital de Gatineau, Gatineau, QC ⁷Centre Hospitalier Régional de Trois-Rivières, Trois-Rivières, QC ⁸CSSS de Rimouski, Rimouski, QC ⁹Nova Scotia Cancer Centre, Halifax, QC ¹⁰McGill University, Montréal, QC</p>
110	<p>ACCESS AND EQUITY: AN INTER-INSTITUTIONAL COMPARISON OF RADIOTHERAPY PLANNING AND DELIVERY</p> <p>Adam Mutsaers¹, Aliaa Abdelmeguid¹, Gaurav Chahal¹, Rachel Bai¹, Mila Gracic¹, Lise Wolyniuk¹, Daniel Palhares², Gregory Czarnota², Robert Dinniwel¹</p> <p>¹Western University, London, ON ²University of Toronto, Toronto, ON</p>
111	<p>INDIVIDUALIZED PREDICTION OF DISTANT METASTASES RISK IN ORAL CAVITY CARCINOMA: A VALIDATED PREDICTIVE-SCORE MODEL</p> <p>Badr Id Said¹, Fatimah A. Alfaraj², Gustavo N. Marta³, Luiz P. Kowalski⁴, Shao Hui Huang¹, Jie Su¹, Wei Xu¹, Fabio Y. Moraes⁵, Ezra Hahn¹, Lawson Eng¹, John J. Kim¹, Jolie G. Ringash¹, John Waldron¹, Eitan Prisman⁶, Jonathan C. Irish¹, Christopher M.K.L. Yao¹, John R. de Almeida¹, David P. Goldstein¹, Andrew Hope¹, Ali Hosni¹</p> <p>¹University of Toronto, Toronto, ON ²University of British Columbia, Prince George, BC ³Hospital Sírio-Libanês, São Paulo, BR ⁴University of São Paulo Medical School, São Paulo, BR ⁵Queen's University, Kingston, ON ⁶University of British Columbia, Vancouver, BC</p>
112	<p>AN "EARLY ADOPTER" OF CPQR'S PATIENT REPORTED OUTCOME (PRO) INITIATIVE: LESSONS LEARNED THROUGH IMPLEMENTATION OF AN ELECTRONIC PRO PLATFORM ACROSS A MULTICENTER RADIATION ONCOLOGY DEPARTMENT</p> <p>Carol-Anne Davis¹, Natasha McMaster¹, Marianne Arab², Thomas Ashford², Sue Chisholm², Michael Ha¹, Charlene Rodriguez¹, Randy McKnight², Murali Rajaraman¹, Rob Rutledge¹, Derek Wilke¹, Amanda Caissie¹</p> <p>¹Dalhousie University, Halifax, NS ²Nova Scotia Health Authority, Halifax, NS</p>
113	<p>CAN CT-BASED CALCIUM SCORES PREDICT CARDIAC DEATHS IN BREAST CANCER PATIENTS TREATED WITH RADIOTHERAPY? A POPULATION BASED CASE-CONTROL STUDY</p> <p>Sali Di, Jari Ullah, Alan Nichol, Parmveer Atwal, Maha Al-Mahmudi, Laura Beaton, Margot Davis, Joseph Awotwi-Pratt, Meng Wu, Scott Tyldesley, Waseem Sharieff</p> <p>University of British Columbia, Vancouver, BC</p>

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114	<p>PERSPECTIVES OF PATIENTS WITH METASTATIC LUNG CANCER ON SYMPTOM SCREENING AND UTILIZATION OF PATIENT-REPORTED OUTCOMES DATA FOR PATIENT EDUCATION</p> <p>Amir H. Safavi¹, Emily Bryson¹, Victoria Delibasic², Frances C. Wright², Ambica Parmar², Natalie Coburn², Alexander V. Louie¹</p> <p>¹University of Toronto, Toronto, ON ²Sunnybrook Health Sciences Centre, Toronto, ON</p>
115	<p>A RETROSPECTIVE ON A CAREER AS A RADIATION ONCOLOGIST: A QUALITATIVE STUDY</p> <p>Mornisha Panchalingam, Rajiv Samant, Sophie Lebel, Jean-Marc Bourque</p> <p>University of Ottawa, Ottawa, ON</p>
116	<p>DYSPNEA IN PATIENTS WITH STAGE IV NON-SMALL CELL LUNG CANCER: A POPULATION-BASED ANALYSIS OF DISEASE BURDEN AND PATTERNS OF CARE</p> <p>Michael Yan¹, Michael Tjong¹, Wing Chan², Gail Darling¹, Victoria Delibasic³, Laura Davis³, Mark Doherty⁴, Julie Hallet¹, Biniam Kidane⁵, Alyson Mahar⁵, Nicole Mittmann⁶, Ambika Parmar¹, Vivian Tan⁷, Hendrick Tan⁸, Frances Wright¹, Natalie Coburn¹, Alexander Louie¹</p> <p>¹University of Toronto, Toronto, ON ²Institute for Clinical Evaluative Sciences, Toronto, ON ³Sunnybrook Research Institute, Toronto, ON ⁴St. Vincent's Hospital Group, Dublin, IE ⁵University of Manitoba, Winnipeg, MB ⁶Canadian Agency for Drugs and Technology in Health, Ottawa, ON ⁷Western University, London, ON ⁸GenesisCare, Perth, AU</p>
117	<p>FRAMELESS COBALT60-BASED HYPOFRACTIONATED STEREOTACTIC RADIOSURGERY (HSRS) FOR BRAIN METASTASES: IMPACT OF DOSE AND VOLUME</p> <p>Michael Yan, Michael Wang, Lori Holden, Michael Tjong, Collins Yeboah, Mark Ruschin, Jay Detsky, Chia-Lin Tseng, Eshetu Afenatu, Sten Myrehaug, Nir Lipsman, Sunit Das, Chris Heyn, Pejman Maralani, Hany Soliman, Arjun Sahgal, Zain Husain</p> <p>University of Toronto, Toronto, ON</p>
118	<p>THE IMPACT OF TUMOUR SPECIFIC GROWTH RATE AS A PREDICTOR OF SURVIVAL IN OLIGO-PROGRESSIVE DISEASE TREATED WITH STEREOTACTIC BODY RADIOTHERAPY</p> <p>Inmaculada Navarro, Joelle Helou, Subin Kuruvilla Thomas, Andrew Hope, Aisling Barry</p> <p>University of Toronto, Toronto, ON</p>
119	<p>HIGH-QUALITY DNA EXTRACTION AND GUT MICROBIAL DETECTION TO EVALUATE PATHOLOGIC RESPONSE FOLLOWING NEOADJUVANT TREATMENT FOR LOCALLY ADVANCED RECTAL CANCER</p> <p>Daegan Sit¹, Kinga Vojnits², Hang Yang¹, Ko Ta Chen¹, Billy Zhao¹, Sanjay Rao², Lik Hang Lee¹, Janine Davies¹, Hui-Min Yang¹, Sepideh Pakpour², Siavash Atrchian²</p> <p>¹University of British Columbia, Vancouver, BC ²University of British Columbia, Kelowna, BC</p>
120	<p>IMPACT OF THE COVID-19 PANDEMIC ON CANADIAN RADIATION ONCOLOGY PRACTICES</p> <p>Corinne M. Doll¹, Daniel V. Wakefield², Jolie Ringash³, Paris-Ann Ingledew⁴, Laura A. Dawson³, Thomas Eichler⁵, David S. Schwartz²</p> <p>¹University of Calgary, Calgary, AB ²University of Tennessee, Nashville, TN ³University of Toronto, Toronto, ON ⁴University of British Columbia, Vancouver, BC ⁵Virginia Commonwealth University, Richmond, VA</p>
121	<p>OPTIMIZING RADIATION THERAPY DATA SUBMISSIONS THROUGH CARE PLANS: IMPLICATIONS FOR FUNDING</p> <p>James Loudon¹, Edwin Chan², Shaziya Malam², Faye Hurtubise², Ivan Yeung¹, Charles Cho¹, Woodrow Wells¹</p> <p>¹University of Toronto, Newmarket, ON ²Southlake Regional Health Centre, Newmarket, ON</p>
122	<p>ASSESSMENT OF THE USAGE OF HYPOFRACTIONATION FOR PROSTATE CANCER IN AN LMIC BEFORE AND AFTER THE COVID-19 PANDEMIC</p> <p>Rie Asso¹, Horacio Patrocinio¹, Paul Ramia¹, Marcos Castilho², Arthur Rosa³, Joao Luis Silva⁴, Fabio Cury¹</p> <p>¹McGill University Health Centre, Montreal, QC ²Hospital Felicio Rocho, Belo Horizonte, BR ³Hospital Portugues, Salvador, BR ⁴Hospital Sírío-Libanês, Sao Paulo, BR</p>

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123	IMAGE-BASED MACHINE LEARNING CLASSIFIER TO PREDICT LUNG METASTASES TREATMENT: A FEASIBILITY STUDY Hanin Afzal ¹ , Srinivas Raman ¹ , Caleb Kwon ² , Christina Seo ¹ , Areej Waqar ³ , Yiwen Xu ¹ , Thomas Waddell ¹ , Marcelo Cypel ¹ , Meredith Giuliani ¹ , Tony Tadic ¹ , Timothy Chan ¹ , Dionne Aleman ¹ , Daniel Letourneau ¹ ¹ University of Toronto, Toronto, ON ² Villanova University, Villanova, PA ³ Princess Margaret Cancer Centre, Toronto, ON
124	CLINICAL IMPLEMENTATION OF HYPERARC FOR STEREOTACTIC RADIOSURGERY AT TRILLIUM HEALTH PARTNERS – CREDIT VALLEY HOSPITAL Theodore Mutanga ¹ , Yizhen Wang ¹ , Julia Giovinazzo ¹ , Heather Fineberg ¹ , Raxa Sankrecha ² , Anthony Brade ² , Luluel Khan ² ¹ Credit Valley Hospital, Mississauga, ON ² University of Toronto, Mississauga, ON
125	DAILY ASSESSMENT OF ON-TREATMENT TUMOUR REGRESSION BY CONE BEAM CT REVEALS PROGNOSTIC DYNAMIC BIOMARKERS IN NASOPHARYNGEAL CANCER Eric Y. Zhao, Ahmad Bushehri, Biu Chan, Olive Wong, Jenny Lee, Tirth Patel, Sejin Kim, Ian King, Shao Hui Huang, John Cho, Ezra Hahn, Ali Hosni Abdalaty, John Kim, Jolie Ringash, Brian O’Sullivan, John N. Waldron, Jean-Pierre Bissonnette, Meredith E. Giuliani, Benjamin Haibe-Kains, Tony Tadic, Andrea McNiven, Andrew Hope, Scott V. Bratman University of Toronto, Toronto, ON
126	A PROSPECTIVE COST COMPARISON BETWEEN HIGH-DOSE-RATE AND LOW-DOSE-RATE PROSTATE BRACHYTHERAPY Albert Verbeek, Kevin Martell University of Calgary, Calgary, AB
127	RADIATION-INDUCED SARCOMAS OF THE BREAST: A REVIEW OF A 20-YEAR SINGLE-CENTRE EXPERIENCE Vanessa Di Lalla, Marwan Tolba, Farzin Khosrow-Khavar, Ayesha Baig, Carolyn Freeman, Valerie Panet-Raymond McGill University, Montreal, QC
128	SEMINAL VESICLE TREATMENT FOR LOCALIZED PROSTATE CANCER TREATED WITH EXTERNAL BEAM RADIOTHERAPY Tanner Steed, Nikki Chopra, Jihyun Yun, Jordan Hill, Sunita Ghosh, Nawaid Usmani, Ben Burke University of Alberta, Edmonton, AB
129	THE EFFECTS OF A CURRICULUM CHANGE ON PEER MENTORSHIP AMONG RADIATION ONCOLOGY RESIDENTS David Y. Mak ¹ , Janet Papadakos ¹ , Joanne Alfeiri ² , Jennifer Croke ¹ , Paris-Ann Ingledew ³ , Shaun K. Loewen ⁴ , Meredith Giuliani ¹ ¹ University of Toronto, Toronto, ON ² McGill University, Montreal, QC ³ University of British Columbia, Vancouver, BC ⁴ University of Calgary, Calgary, AB
130	ENGAGING ONCOLOGISTS TO ADVANCE CANCER CARE: EVALUATION OF PROVINCIAL ENGAGEMENT INITIATIVE Lauren Jadis ¹ , Andrea Pollock ² , Dan Le ² , Tamara Shenkier ² , Paris Ingledew ³ ¹ Simon Fraser University, Burnaby, BC ² British Columbia Cancer Agency, Surrey, BC ³ British Columbia Cancer Agency, Vancouver, BC
131	FORECASTING INSTITUTIONAL LINAC UTILIZATION IN RESPONSE TO VARYING WORKLOAD Srinivas Raman ¹ , Fan Jia ² , Zhihui Liu ¹ , Julie Wenz ¹ , Michael Carter ² , Colleen Dickie ¹ , Fei-Fei Liu ¹ , Daniel Letourneau ¹ ¹ Princess Margaret Cancer Centre, Toronto, ON ² University of Toronto, Toronto, ON
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133	INTERVENTIONS TO SUPPORT NUTRITION IN PATIENTS UNDERGOING CONCURRENT CHEMORADIATION FOR ESOPHAGEAL CANCER: A SYSTEMATIC REVIEW OF RANDOMIZED TRIALS Adam Mutsaers, David Palma, Lise Wolyniuk, Andrew Youssef Western University, London, ON

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134	<p>THE RADIATION INCIDENT SAFETY COMMITTEE: SUPPORTING CANCER PROGRAMS IN THE DELIVERY OF HIGH QUALITY RADIATION TREATMENT</p> <p>Brian Liszewski¹, Tom Farrell², Laura D'Alimonte³, Michelle Nielsen⁴, Natasha Moran⁴, Cassandra Costello⁶</p> <p>¹Ontario Health, Toronto, ON ²Juravinski Cancer Centre, Hamilton, ON ³Windsor Regional Cancer Centre, Windsor, ON ⁴Credit Valley Hospital, Toronto, ON ⁵Royal Victoria Hospital, Barrie, ON</p>
135	<p>VIRAL DISEASE GOES VIRAL: CHARACTERIZING HOW CANCER PATIENTS USE INTERNET RESOURCES FOR COVID-19 INFORMATION</p> <p>Ruijia Jin¹, Paris-Ann Ingledew², Howard J Lim², Sarah Hamilton²</p> <p>¹University of British Columbia, Vancouver, BC ²British Columbia Cancer Agency, Vancouver, BC</p>
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146	IMPACT OF TIMING OF ADJUVANT RADIOTHERAPY ON LOCO-REGIONAL CONTROL IN PATIENTS WITH HIGH-RISK ENDOMETRIAL CANCER Omar Díaz ¹ , Adrián Valles ¹ , Luis E. Ayala ¹ , Cipatli Olimón ¹ , Francisco Saavedra ¹ , José Rodríguez ¹ , Enrique Gutierrez ² ¹ University of Guadalajara, Guadalajara, MX ² University of Toronto, Toronto, ON
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155	<p>CALCIFICATION AND IMAGE GUIDED RADIOTHERAPY FOR LOCALIZED HIGH-RISK PROSTATE CANCER</p> <p>Sergio Faria, Marie Cuclos, Fabio Cury, Horacio Patrocinio, Luis Souhami</p> <p>McGill University, Montreal, QC</p>
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160	<p>SINGLE INSTITUTION EXPERIENCE WITH STEREOTACTIC ARRHYTHMIA RADIOABLATION FOR VENTRICULAR TACHYCARDIA</p> <p>Ian J. Gerard, Martin Bernier, Tarek Hijal, Neil Kopek, Piotr Pater, Gabriela Stroian, Bruno Toscani, Joanne Alfieri</p> <p>McGill University, Montreal, QC</p>
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162	<p>OUTCOME OF LOCALLY ADVANCED HEAD AND NECK SQUAMOUS CELL CARCINOMA TREATED IN THE NEW ERA OF IMRT AND VMAT: A SINGLE INSTITUTION EXPERIENCE</p> <p>Arash Algouneh, Ken Schneider, Kitty Huang, Ming Pan</p> <p>Western University, London, ON</p>
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164	<p>INTERRUPTION OF CARE: AN IMPORTANT QUALITY METRIC IN CHEMO-RADIATION FOR LOCALLY ADVANCED HEAD AND NECK SQUAMOUS CELL CANCERS (LASCCHN) IN SUB-SAHARAN AFRICA</p> <p>Chinelo onwualu-Chigbo¹, Nwamaka Lasebikan¹, Chudi Obuba¹, Anuja Jhingran², Rebecca KS Wong³</p> <p>¹University of Nigeria Teaching Hospital, Enugu, NG ²The University of Texas MD Anderson Cancer Center, Houston, TX ³University of Toronto, Toronto, ON</p>

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165	UNANTICIPATED RADIATION REPLANNING FOR STAGE III NON SMALL CELL LUNG CANCER Melinda Mushonga University of Toronto, Toronto, ON
166	OPERATION OF INCIDENT LEARNING DURING THE COVID-19 PANDEMIC: A SINGLE CENTRE EXPERIENCE Matthew Volpini, Katie Lekx-Toniolo, Robert Mahon, Lesley Buckley The Ottawa Hospital, Ottawa, ON
167	A RANDOMIZED CONTROLLED TRIAL OF PRE-OPERATIVE VERSUS POST-OPERATIVE STEREOTACTIC RADIOSURGERY FOR PATIENTS WITH SURGICALLY RESECTABLE BRAIN METASTASES Subhadip Das ¹ , Muhammad Faruqi ¹ , Gregory Bowden ² , Yves Starreveld ¹ , John Kelly ¹ , John Amanie ² , Alysa Fairchild ² , Gerald Lim ¹ , Shaun Loewen ¹ , Robert Nordal ¹ , Lindsay Rowe ² , Carla Wallace ¹ , Samir Patel ² ¹ University of Calgary, Calgary, AB ² University of Alberta, Edmonton, AB
168	This abstract is posted on the CARO portal for viewing: IDENTIFICATION OF FACTORS ASSOCIATED WITH PROLONGED SURVIVAL IN PROSTATE CANCER PATIENTS POST-RECEIPT OF PALLIATIVE RADIOTHERAPY TO A BONE METASTASIS: A RETROSPECTIVE, POPULATION-BASED STUDY ¹ Bindu Venugopal ¹ , Shaheer Shahhat ¹ , James Beck ¹ , Nikesh Hanumanthappa ² , Aldrich Ong ¹ , Arbind Dubey ¹ , Rashmi Koul ¹ , Bashir Bashir ¹ , Amitava Chowdhury ¹ , Gokulan Sivananthan ¹ , Julian Kim ¹ ¹ University of Manitoba, Winnipeg, MB ² University of Sheffield, Sheffield, UK
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170	LONG-TERM OUTCOMES OF PRIMARY AND SECONDARY ANGIOSARCOMAS OF THE BREAST: A 20-YEAR SINGLE-CENTER EXPERIENCE Marwan Tolba, Vanessa Di Lalla, Farzin Khosrow-Khavar, Ayesha Baig, Carolyn Freeman, Valerie Panet-Raymond McGill University, Montreal, QC
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172	CARDIAC MIGRATION OF AN IMPLANTED HEPATIC FIDUCIAL MARKER USED FOR STEREOTACTIC BODY RADIATION THERAPY Youstina Soliman, Mark Vivian, Sankar Venkataraman, Maged Nashed University of Manitoba, Winnipeg, MB
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174	INFLUENCE OF PALLIATIVE RADIOTHERAPY ON TOXICITY AND SURVIVAL IN PATIENTS TREATED WITH RADIUM-223 DICHLORIDE FOR METASTATIC CASTRATE-RESISTANT PROSTATE CANCER Cédric Charrois-Durand, Guila Delouya, Daniel Taussky, Maroie Barkati, Fred Saad, Jean-Baptiste Lattouf, Paul Perrotte, Pierre Karakiewicz, Denis Soulières, Normand Blais, Zineb Hamilou, Daniel Juneau, Nicolas Plouznikoff Centre Hospitalier de l'Université de Montréal, Montreal, QC

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176	<p>THE IMPACT OF ABDOMINAL COMPRESSION ON INTERNAL TARGET VOLUMES FOR PATIENTS UNDERGOING STEREOTACTIC ARRHYTHMIA RADIOABLATION FOR VENTRICULAR TACHYCARDIA</p> <p>Ian J. Gerard, Martin Bernier, Tarek Hijal, Neil Kopek, Piotr Pater, Gabriela Stroian, Alfieri Joanne McGill University, Montreal, QC</p>
177	Withdrawn
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179	<p>THE EVOLUTION OF TECHNOLOGY IN THE MANAGEMENT OF EARLY-STAGE (T1) CANCER OF THE LARYNX, AN INSTITUTIONAL REVIEW OF RADIATION THERAPY OUTCOMES</p> <p>Mohammad Gouran-savadkoochi¹, James Wright¹, Greg Pond¹, Stephen Sagar¹, Do-Hoon Kim¹, Justin Lee¹, Nhu-Tram Nguyen¹, Chris DiFrancesco² ¹McMaster University, Hamilton, ON ²Juravinski Cancer Centre, Hamilton, ON</p>
180	<p>TRIMODALITY IMAGING AND PREDICTIVE FACTORS OF RETROPHARYNGEAL LYMPH NODE METASTASES IN OROPHARYNGEAL CANCERS</p> <p>Danny Lavigne¹, Mailys De-Meric-de-Bellefon², Houda Bahig¹, David Landry¹, Manon Belair¹, Laurent Létourneau-Guillon¹, Edith Filion¹, Félix-Phuc Nguyen-Tan¹ ¹Université de Montréal, Montreal, QC ²University of Montpellier, Montpellier, FR</p>
181	<p>A REVIEW OF A STRUCTURED APPLIED PHYSICS COURSE FOR RADIATION ONCOLOGY AND RADIATION PHYSICS TRAINEES</p> <p>May N. Tsao, Steven Babic, Andrea McNiven, Andrea Bezjak, Judith Balogh, Kathy Mah University of Toronto, Toronto, ON</p>
182	<p>STAFF STRESS AT A CANADIAN CANCER CENTRE</p> <p>Ege Babadagli¹, Jiheon Song¹, Jessica Chan², Elisabeth Cisa-Paré³, Julie Renaud¹, Katelyn Balchin¹, Linda Bunch¹, Joanne Meng¹, Angela MacNeil¹, Paul Wheatley-Price¹, Ravij Samant¹ ¹University of Ottawa, Ottawa, ON ²University of British Columbia, Vancouver, BC ³Northern Ontario School of Medicine, Thunder Bay, ON</p>
183	<p>PATIENT REPORTED CHANGE IN PAIN OUTCOME AMONG STAGE IV CANCER PATIENTS WITH BONE METASTASES AFTER PALIATIVE RADIOTHERAPY AT TIKUR ANBESSA SPECIALIZED HOSPITAL</p> <p>Haimanot Kasahun Alemu Saint Paul's Hospital Millennium Medical College, Addis Ababa, ET</p>
184	<p>STAFF SATISFACTION AT A CANADIAN CANCER CENTRE</p> <p>Rajiv Samant¹, Ege Babadagli¹, Jiheon Song¹, Jessica Chan², Elisabeth Cisa-Paré³, Angela McNeil⁴, Joanne Meng¹, Katelyn Balchin⁴, Julie Renaud⁴, Linda Bunch⁴, Paul Wheatley-Price¹ ¹University of Ottawa, Ottawa, ON ²University of British Columbia, Vancouver, BC ³Northern Ontario School of Medicine, Sudbury, ON ⁴The Ottawa Hospital, Ottawa, ON</p>
185	<p>STEREOTACTIC ARRHYTHMIA RADIOABLATION FOR VENTRICULAR TACHYCARDIA (STAR-VT): A SINGLE INSTITUTION, DOSE DE-ESCALATION, PHASE II TRIAL</p> <p>Ian J. Gerard, Martin Bernier, Tarek Hijal, Neil Kopek, Piotr Pater, Gabriela Stroian, Joanne Alfieri McGill University, Montreal, QC</p>

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186	<p>DOSIMETRIC EVALUATION AND EFFICACY OF LINAC BASED STEREOTACTIC RADIOSURGERY IN BRAIN METASTASIS USING HYPERARC-VOLUMETRIC MODULATED ARC PLANNING EXPERIENCE OF A TERTIARY CARE CENTER OF PAKISTAN</p> <p>Aqueel Shahid, Tabinda Sadaf Shaukat Khanum Memorial Cancer Hospital and Research Center, Lahore, IN</p>
187	<p>USAGE OF REGULAR SAFETY SURVEYS TO EVALUATE AND STRENGTHEN SAFETY CULTURE IN THE RADIATION TREATMENT DEPARTMENT</p> <p>Anishka Saldanha, Cassandra Costello, Patrick Quinn, Brandee Pidgeon, Tiffany Tam, Jenna King Royal Victoria Regional Health Centre, Barrie, ON</p>
188	<p>CHOROID PLEXUS PAPILLOMA IN A ADULT: CASE REPORT</p> <p>Victor Javier Vazquez Zamora Instituto Mexicano del Seguro Social, Puebla, MX</p>
189	<p>ASSESSING THE LANDSCAPE IN MEDICAL ONCOLOGY MEDICAL EDUCATION SCHOLARSHIP: A SCOPING STUDY</p> <p>Paris-Ann Ingledew¹, Ruijia Jin², Sean Addison³, Vanessa Kitchin², Daniel Golden⁴, Vincent Tam⁵</p> <p>¹British Columbia Cancer Agency, Vancouver, BC ²University of British Columbia, Vancouver, BC ³British Columbia Cancer Agency, Victoria, BC ⁴University of Chicago, Chicago, IL ⁵University of Calgary, Calgary, AB</p>

CARO ASM Committee Meetings

TIME	EVENT	ROOM
Tuesday, September 27, 2022		
9:00 – 5:00pm	CARO ASM Office	Varley
Wednesday, September 28, 2022		
12:00 – 1:00pm	Residents & Fellows Committee	Toronto Ballroom (TB) I
1:00 – 4:00pm	CROF Targeting Cancer Canada Campaign	Casson
5:30 – 9:30pm	CARO Board of Directors Meeting	Governor General
Thursday, September 29, 2022		
12:30 – 2:00pm	CARO Global Oncology Committee	Osgoode East
12:30 – 2:30pm	Royal College Specialty Committee	Osgoode West
12:30 – 1:30pm	Human Resources Committee	York West
5:00 – 6:30pm	CADRA/Big Data	Casson
Friday, September 30, 2022		
7:00 – 8:00am	Education Committee	Carmichael
12:00 – 1:45pm	CROF Board of Directors	Jackson
12:15 – 1:15pm	Quality and Standards Committee	Carmichael
12:45 – 1:45pm	Program Director's Committee	York West
4:30 – 6:00pm	CARO AGM (Members Only)	TB II
Saturday, October 1, 2022		
1:30pm	ASM Recap/CARO-COMP Committee	Tom Thompson

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