

# IMPACT

## Perspectives in Advanced Practice Radiation Therapy



**Bradford, England**  
Host city of LTWRAP 2025

### Inside this issue

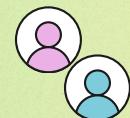
#### LTWRAP: 2025 Highlights

*A weekend of global collaboration, bold ideas, and standout Canadian leadership.*

#### Show Me the Money

*Inside the Health Economics Workshop and what cost modelling means for the future of APRT.*

#### APRT Spotlight: Yvette Cometa & Pamela Paterson



### Greetings from the Editor-in-Chief, Carrie Lavergne

***Advanced Practice Radiation Therapist, Durham Regional Cancer Centre;  
Co-chair, Clinical Specialist Radiation Therapist (CSRT) Community of Practice (CoP)***

I was fortunate to travel to Bradford, England this September to attend LTWRAP (Leading the Way in Radiography Advanced Practice) 2025 alongside many of my colleagues. It was my first time in England, and what an incredible experience — to be surrounded by like-minded advanced practice (AP) practitioners and AP-supporters from around the globe. I think I can speak for all of us when I say we returned with more than just jet lag; we came home feeling inspired, motivated, and genuinely excited about the future of AP in radiation therapy.

In this winter edition, we're pleased to share key insights and take-home messages from LTWRAP, including highlights from the pre-conference Health Economics Analysis workshop. We're also delighted to introduce the newest member of our CSRT CoP, Yvette Cometa from the Odette Cancer Centre and an update from Pamela Paterson in Alberta. You'll also find updates from the APRT iCoP and, as always, a showcase of notable accomplishments from our CoP members.

Thank you for reading this latest edition of IMPACT — and, more importantly, for your ongoing support of advanced practice in radiation therapy. If this is your first time joining us, you can subscribe to our bi-annual newsletter by emailing [csrt.cop@gmail.com](mailto:csrt.cop@gmail.com). You can also access previous issues of IMPACT online.

# IMPACT

## Feature

### LTWRAP 2025: A Weekend of Global Collaboration and Inspiration

This past September, members of the CSRT Community of Practice travelled to Bradford, England for LTWRAP, and the energy throughout the three-day conference was unforgettable. With over 120 delegates from 10 countries, the passion and innovation in advanced practice radiography were evident from the moment the event began. The theme, Advancement of Excellence in Care, resonated through every session, workshop, and conversation.

#### ***A Deep Dive into Global Perspectives***

Saturday opened with an engaging session featuring representatives from the UK, Australia, Canada, Singapore, and the United States — each offering a unique perspective on the evolution of advanced practice. Sunday continued with a rapid-fire poster series, followed by proffered paper presentations across two therapy-focused themes and a dedicated research workshop. The depth and breadth of work being shared underscored just how strongly advanced practice is shaping care on an international scale.

One of the weekend's highlights was the lively and thought-provoking **"Elephant in the Room"** panel. Our own Natalie Rozanec joined Dr. Nick Woznitzka, Prof. Bev Snaith, and Dr. Kristie Matthews to debate



whether advanced practice truly demonstrates impact and cost-effectiveness. The discussion was candid, animated, and at times delightfully cheeky. The winning argument (which we fully support!) affirmed that advanced practice does deliver meaningful impact — improving patient care, enhancing system efficiency, and contributing to long-term sustainability.

#### **Canadian Representation at LTWRAP**

*As a first-time attendee, I was inspired by the global passion for advanced practice — and proud of the incredible contributions from our Canadian colleagues.*

- J. DeGiobbi

*Canada may move more slowly than some jurisdictions, but with strong standards and deep coordination — we truly punch above our weight on the global APRT stage.*

- C. Gillan

*Walking into my second LTWRAP felt like sneaking into an AP VIP club with a fake badge until I realized excellence isn't perfection, it's progress, sharing, and occasionally Googling acronyms.*

- CA. Davis

*LTWRAP reminded me that while we often feel like n=1 in our institutions, globally we're a collective force shaping oncology care.*

- S. Ali

# IMPACT

## Feature

### LTWRAP 2025: A Weekend of Global Collaboration and Inspiration



'Elephant in the Room' Panel

#### Celebrating Outstanding Canadian Leadership

The conference closed with awards recognizing exceptional contributions - and Ontario shone brightly.

**Henna Parmar, APRT(T) (candidate)**, earned **Top Presentation** for *Initiation and Integration of the Palliative Clinical Specialist Radiation Therapist (pCSRT) at a Large Community Hospital.*

**Saher Ali** received honourable mention for *Elevating Precision and Quality for Multi-site SBRT: The Critical Role of an Advanced Practice Radiation Therapist.*

These achievements highlighted the strength and influence of Canadian leadership in advanced practice radiation therapy on an international stage.

*LTWRAP is my tribe — a full picture of advanced practice from every lens. It's where you finally see what AP is, and what it isn't.*

- N.Harnett

#### Looking Ahead

Planning is already underway for LTWRAP 2027, and we look forward to reconnecting with our global colleagues and continuing to advance the profession together.

*LTWRAP was a phenomenal opportunity to learn, network, and see global advances in APRT — and to connect with colleagues who ensure we're never reinventing the wheel.*

- N. Rozanec

*My first LTWRAP was an incredibly rewarding experience. Listening to APRTs share their work from across the globe and connecting with colleagues rejuvenated me, leaving me energized and excited for the future of advanced practice.*

- H.Parmar



RTi3 2026

MARCH 27-28

CALL FOR ABSTRACTS

Canada's premier annual meeting for the radiation therapy community.

Submission deadline

January 12, 2026, 11:59 PM EST.

RTi3

INQUIRE INSPIRE INNOVATE

### HEALTH ECONOMIC ANALYSIS WORKSHOP: Show Me The Money – Shining a Financial Light on APRT

**Nicole Harnett, Director, Accelerated Education Program, Radiation Medicine Program, Princess Margaret Cancer Centre at UHN**

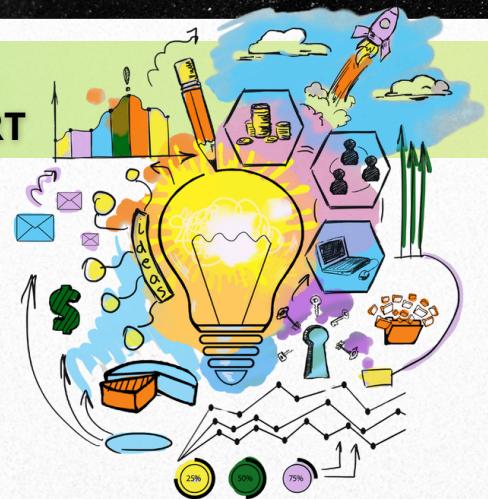
Over the years — and in different locations around the world — significant work has been done to envision, implement, and study the impacts of advanced radiation therapy practice. Frameworks, guide documents, and research studies have detailed almost every aspect of an APRT-facilitated workflow. In recent years, my colleague Caitlin and I have often pondered what might still be missing from our arsenal of resources that would truly “seal the deal” on the value of APRT for stakeholders and institutions. What would be the final piece of the puzzle that makes people stop and listen?

In a moment of clarity, it occurred to us that one of the main things missing from our carefully curated bag of tricks was the one thing we already knew gets people’s attention — money. There are many good, even great ideas in the world, but many of them go overlooked simply because they are not affordable. This is especially true in publicly funded health care. To attract even a glance these days, you need to be able to talk dollars and cents. So that is exactly what we set out to do.

In the summer of 2025, we successfully secured a CAMRT grant entitled “Establishing and Piloting a Fit-For-Purpose

Radiation Therapy Costing Model to Support Changing Radiation Therapist Workflow Models.” The goal of this yearlong project is to devise an RT costing model that can inform the economic impact of personnel optimization and potentially help navigate human resource and workflow challenges — while also helping to future-proof the system. Our hypothesis is that if such a costing model can be built, it could be used to examine the impact of different ways of working, including how different health-care provider roles may affect the cost of radiation therapy.

While our first phase focused on a review of the literature, the second — and much more exciting — phase was to host a workshop with international experts in APRT (practitioners, administrators, and researchers). Using our networks, we reached out to colleagues who were planning to attend the bi-annual LTWRAP conference in Bradford, UK in Fall 2025. Lucky for us, we were able to recruit 21 participants to join our event. Expertly facilitated by Dr. Scott Jones of Princess Alexandra Hospital Raymond Terrace in Brisbane, Australia, the afternoon took attendees through a review of different costing models for health-care



services and into group work focused on mapping standard radiation therapy workflows and identifying where the presence of an APRT might have a positive or negative impact on system costs.

With sticky notes, photos, and swim-lane diagrams in hand, we returned to Canada to synthesize all the good work. Our goal is to produce a “consensus” workflow that can be used for baseline workflow-cost calculations, with the intention of adjusting inputs to compare and contrast the cost of different scenarios. Look for more in early 2026!

We are very grateful to our collaborators, Scott Jones and Mary Job, and to all the keen colleagues who made time during their visit to Bradford to spend it with us — figuring out how to show everyone the money!



### Yvette Cometa

Yvette completed a bachelor's degree in Biomedical Sciences from the University of Waterloo in 2007 and her Bachelor of Medical Radiation Sciences in Radiation Therapy from the Michener Institute/University of Toronto in 2010. She has been a radiation therapist at Odette since 2011 and a Team Lead on various treatment units with a Gynae focus since 2016. Yvette is a dedicated team lead, recognized for her commitment to compassionate, patient-centered care. She prides herself on fostering a positive and collaborative work environment through the mentorship of students and staff.

Yvette places a strong emphasis on creating an enjoyable and comfortable experience for patients, ensuring they feel

respected, cared for, and at ease throughout their treatment. Earlier this year, she graduated from the 2024-2025 TAHSNp Health Professions Fellowship, where she completed a QI project aimed at empowering radiation therapists to support cancer patients in the use of cannabis for therapeutic purposes.

Yvette is excited to step into her new role as the Gynae CSRT, where she looks forward to expanding her skillset, continuing to learn, and contributing meaningfully to the Gynae site group. She is deeply committed to providing the highest standard of care to women with gynecologic cancers, ensuring they experience a seamless, supportive, and compassionate treatment journey.



As a mom of three young kids, Yvette spends most days enjoying the beautiful chaos of family life. Even with her hands full, she finds time to enjoy good food, good music, and travelling whenever she can.

### Pamela Paterson

#### Master of Science with Merit

**Advanced Clinical Practice Radiotherapy and Oncology**  
**Sheffield Hallam University, Sheffield, UK**

Pam completed the three-year part-time online program while continuing to work full-time in the Palliative Radiation Oncology (PRO) Clinic, at the Cross Cancer Institute, in Edmonton, Alberta.

She successfully defended her dissertation titled "The impact of Clinical Specialist Radiation Therapist management of

patients undergoing palliative radiotherapy" on January 10, 2025. The convocation date was November 11, 2025. Although she was unable to attend the event in person, she and her family celebrated in style. It was a night to remember!

#### What's next?

APRT(T) certification through



CAMRT, continued research and conference presentations, and a bit of R&R in between it all.

# IMPACT

## APRT iCoP

The APRT iCoP has continued to grow — our international network now includes over 90 members from 19 countries!

The APRT iCoP has developed into a diverse, international network for collaboration. Work continues on several projects, including the international Delphi study to establish common clinical activities expected of APRTs across jurisdictions, with a pilot now beginning at multiple sites to put the newly minted activity list to use outside of Canada. An economic analysis of how APRT is defined and described internationally is underway. The goal of this work,

is to identify how well our regional expectations align with published characteristics and dimensions, with the hope of eventually harmonizing — to some degree — how we describe APRT and our expectations of practice.

Our podcast series continues, with a recent episode featuring award-winning conversations from the LTWRAP and CARO conferences. These can be found on [Spotify](#) along with all our episodes to date.

Our latest episode featured Melanie Clarkson and Maria Dimopoulos, who presented their

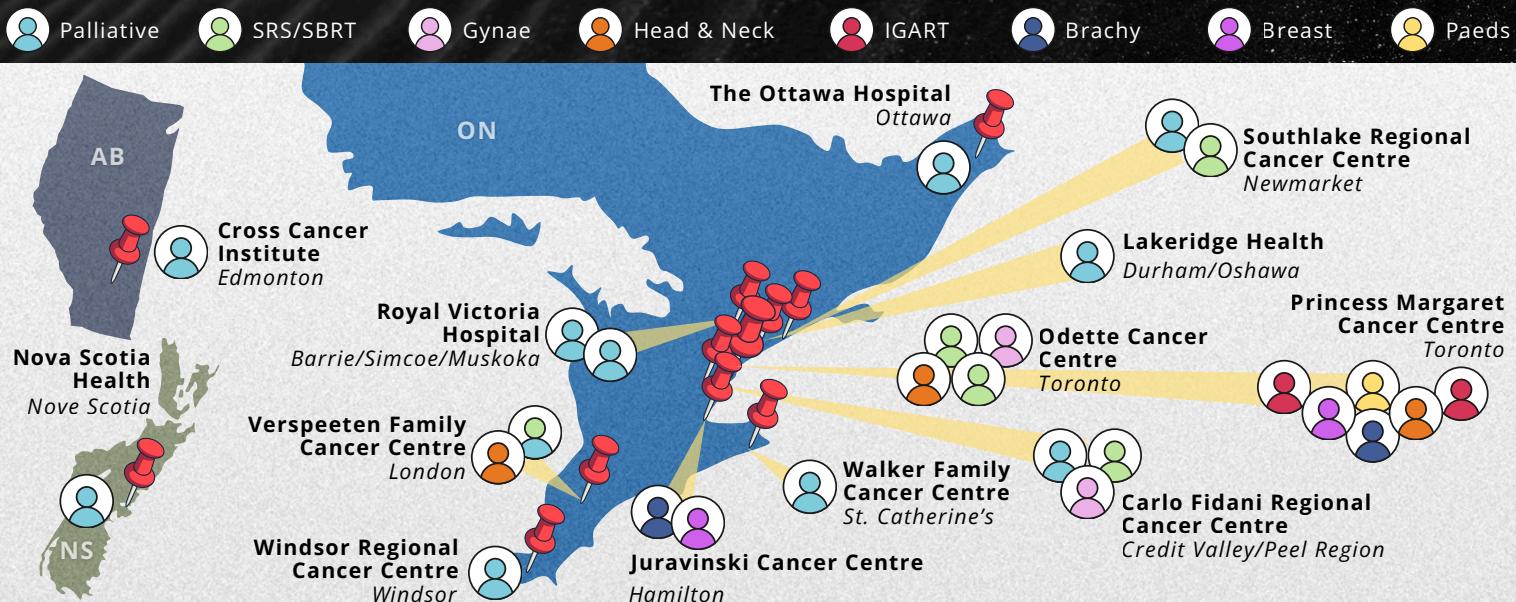
work entitled "From Vision to Practice: Integrating the Four Pillars of Advanced Practice in Clinical Care and Education."

We always welcome new members. If you would like to join us, have ideas for upcoming podcasts, would like to present or to register for upcoming podcasts email [us](#).

”

***We're building a diverse, international network for collaboration, shared learning, and advancing APRT together.***

## Advanced Radiotherapy Practice in Canada



### IMPACT Editorial Team:

**Editor-in-Chief:** Carrie Lavergne **Layout & Design:** Melissa O'Neil

**Editorial Team:** Madette Galapin, Lori Holden, Carrie Lavergne, Melissa O'Neil, Vejitha Raveendran, Natalie Rozanec, Pamela Paterson

**CSRT CoP Co-Chairs:** Carrie Lavergne, Henna Parmar, Natalie Rozanec, Kitty Chan

**CSRT CoP Advisor:** Nicole Harnett

# IMPACT

# Achievements

## Awards, Grants and Achievements

**Harnett N.** Associate Professor, Department of Radiation Oncology, University of Toronto (2025).

**Kong, V.** 2025 CAP Catalyst Grant Research Competition, entitled SPARROW RT – Evaluating the clinical benefit of SPARring the bone marROW in pelvic Radiation Therapy. CAD\$10,000.

**Lavergne C.** Lecturer, Department of Radiation Oncology, University of Toronto (2025).

**Lee G.** Best Guest Lecturer Award, Medical Radiation Sciences (MRS) Program, Department of Radiation Oncology, University of Toronto, November 2025.

**Parmar H.** Top Ranked Presentation: Initiation and integration of the Palliative Clinical Specialist Radiation Therapist (pCSRT) at a large community hospital. LTWRAP September 2025.

**Paterson, P.** Master of Science with Merit – Advanced Clinical Practice Radiotherapy and Oncology. Sheffield Hallam University, Sheffield, UK, January 2025.

**Rozanec N.** Excellence in Classroom Teaching Award, Medical Radiation Sciences (MRS) Program, Department of Radiation Oncology, University of Toronto, November 2025.

## Articles

**Chan K., Harnett N.**, Tsang Y. (2026) A step towards global understanding of advanced practice radiation therapist clinical activities: International Delphi consensus. *Journal of Medical Imaging and Radiation Sciences*. 57(1).

**Chan K.** et al. (2025). Intra-operative process efficiency for in-room MRI-guided combined intracavitary/interstitial brachytherapy for cervical cancer. *Brachytherapy*. 24(5): 729-737.

Chen K., **Chan K.**, Robertson C., Chaudhry N., Di Tomasson A., **Kong V.**, Tse K., Rosewall T. (2025) Radiation Therapists' role in COVID-19 testing: Detecting asymptomatic carriers during Ontario's Omicron BA.2 wave. *Journal of Medical Imaging and Radiation Sciences*. 56(6) December.

Goonaratne E., **McGrath K.**, et al. (2025). Use of the EORTC QLQ-BN20 and the FACT-Br for the assessment of quality of life in patients with brain tumors: a systematic review of prospective clinical studies. *Current Opinion in Supportive and Palliative Care* 19(4):p 270-278.

**Lee G.**, Velec M., Mohseni H., Rosewall T., Tsang Y., Croke J. (2025). Evaluation of tattoo reliability in breast cancer re-irradiation. *Tech Innov Patient Support Radiat Oncol*.

## Presentations

**O'Neil M.** International Faculty. How to Treat Polymetastatic Disease with SABR: Lessons from the ARREST Trials; How Would We Do Sim-Free SABR? Peter Mac SABR Symposium 2025.

## LTWRAP 2025:

**Ali S.** Elevating precision and quality for multi-site SBRT: The critical role of an Advance Practice Radiation Therapist.

**Chan K., Harnett N.**, Tsang Y. International Consensus on Advanced Practice Radiation Therapist Clinical Practice: A Modified Delphi Study.

Davis C.A., Given M., Topham C., **Harnett N.** Radiation Nation: Establishment of the Protected Title for Advanced Practice Radiation Therapists in Canada.

**DeGiobbi J.**, Davis C.A., MacLeod J., Caissie A. Standardizing Excellence: A Multi-Disciplinary Approach to Training Advanced Practice Registered Technologists (Radiation Therapy) in Nova Scotia.

# IMPACT

# Achievements

## ***Presentations Continued***

### **CARO 2025:**

Dimopoulos M., [Harnett N.](#), Skubish S., Gillan C. Tsang Y. Developing an Evidence-Based Model for Advanced Practice Radiation Therapist Preparation: A Global Perspective.

Gillan C., Davis C.A., [Erler D.](#), Fawcett S., Graham G., Lewis D., Mitchell F., [Rozanec N.](#), Topham C., [Harnett N.](#). Ready for the Big Time: Canadian Formalization of an APRT(T) Class of Practice.

Gillan C. & [Harnett N.](#). Can-AP: Informing a System Level Model for Advanced Practice Implementation in Radiation Therapy through Global Experience.

[Lavergne C.](#), [Rozanec N.](#), [Chan K.](#), [Harnett N.](#). The Clinical Specialist Radiation Therapist (CSRT) Community of Practice (CoP): Reflections on CoP Impact on Sustainability for Advanced Practice Radiation Therapy Roles in Ontario.

[Parmar H.](#), D'Alimonte L. Ping, M. Initiation and integration of the Palliative Clinical Specialist Radiation Therapist (pCSRT) at a large community hospital.

[Rozanec N.](#), [Harnett N.](#). Finding the Magic Number: Optimizing a Palliative APRT's clinical workload.

[Rozanec N.](#), [Lavergne C.](#), [Harnett N.](#). A Qualitative Analysis of The Use of Medical Directives to Support Practice and Expansion of Advanced Practice Roles in the Medical Radiation Sciences.

## ***Posters***

**Kong V**, Chung P, Winter J, Li W. Evaluating the Resource Burden of Radiation Therapy: Identifying Priority Disease Sites for Adaptive Radiation Therapy Implementation. Canadian Cancer Research Conference 2025.

### **CARO 2025:**

[Galapin M.](#), Eskander A., Enepekides D., Higgins K., Karam I., Poon I., Bayley A. A Multidisciplinary Quality Initiative to Address Delays in Initiating Post-Operative Radiotherapy in Head and Neck Cancer Patients.

[O'Neil M.](#), Tan V., Schuler T., Abraham C., Boeke S., Huynh E., Kavanaugh B., Nelissen K., Roderick S., Sher D., Shinde A., Versteijne E., Wong S., Palma D. (2025). Clinical Implementation of Simulation-Free Palliative Radiotherapy: Consensus Recommendations from a Modified Delphi Study.

[Paterson P.](#), Patel S., Burke B., Clarkson M., Fairchild A. Specialized Team Management Improved Patient-Centred Care for Patients undergoing Palliative Radiotherapy.

Tran S., [Galapin M.](#), Chin Lee., Eskander A., Bayley A., Poon I., Karam I. Prospective Study on Head and Neck Stereotactic Body Radiotherapy: A Tolerance Analysis.

### **CARO 2025:**

[Ali S.](#), [Parmar H.](#), [Lavergne C.](#). Quantifying Non-Clinical Activities of CSRTs/APRTs: A Data-Driven Approach within Communities of Practice in Ontario.

[DeGiobbi J.](#), Davis C.A., MacLeod J., Caissie A. Breaking New Ground: Considering Extrinsic Factors Contributing to Success When Pioneering the Journey to Advanced Practice in Nova Scotia.

[Lavergne C.](#), [Rozanec N.](#), [Linden K.](#), [Javor J.](#). Empowering Advanced Practice Radiation Therapists through Medical Directives: A Progressive Step in Radiation Therapy in Canada.

[Rozanec N.](#), [Lavergne C.](#), [Harnett N.](#). Supporting new and developing APRTs in Canada.