

Subcommittee Name: Breast Cancer

Co-chairs

Name	Country	Term started	Term ends*
Youlia Kirova	France	June 2021	June 2027
Isabelle Choi	USA	June 2025	June 2028

* The term of office is 3 years and may be renewed once, for a maximum total service of 6 years. It is recommended that the 3 co-chairs come from 3 different continents (America, Asia, Europe). To ensure continuity, it is recommended that the co-chairs step down on a staggered basis following their first three-year term.

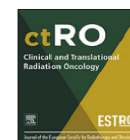
Subcommittee Achievements

Critical Review

Proton Therapy for Breast Cancer: A Consensus Statement from the Particle Therapy Cooperative Group Breast Cancer Subcommittee

Robert W. Mutter, MD,^{*} J. Isabelle Choi, MD,[†] Rachel B. Jimenez, MD,[‡]
 Youlia M. Kirova, MD,[§] Marcio Fagundes, MD,^{||} Bruce G. Haffty, MD,[¶]
 Richard A. Amos, MSc, FIPEM,[#] Julie A. Bradley, MD,^{**}
 Peter Y. Chen, MD,^{††} Xuanfeng Ding, PhD,^{‡‡} Antoinette M. Carr,^{††}
 Leslie M. Taylor, BSN, RN,^{††} Mark Pankuch, PhD,^{‡‡}
 Raymond B. Mailhot Vega, MD, MPH,^{*,*} Alice Y. Ho, MD,[†]
 Petra Witt Nyström, MD, PhD,^{§§} Lisa A. McGee, MD,^{||||}
 James J. Urbanic, MD,^{¶¶} Oren Cahlon, MD,^{##}
 John H. Maduro, MD, PhD,^{***} and Shannon M. MacDonald, MD[‡]

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Original Research Article

PTCOG international survey of practice patterns and trends in utilization of proton therapy for breast cancer



J. Isabelle Choi^{a,b,*}, Camille Hardy-Abeloos^c, Alicia Lozano^d, Alexandra Hanlon^d, Carlos Vargas^e, John H. Maduro^f, Julie Bradley^g, Birgitte Offersen^h, Bruce Hafftyⁱ, Mark Pankuch^j, Richard Amos^k, Nalee Kim^l, Shannon M. MacDonald^m, Youlia Kirovaⁿ, Robert W. Mutter^{o,p}

PROJECTS:**Systematic reviews reporting rapidly emerging data**

Shannon MacDonald , Isabelle Choi, Youlia Kirova (to present it to PTCOG Lymphoma Subcommittee)

Particle Therapy Co-operative Group (PTCOG) International Survey of Treatment Planning Considerations in the Delivery of Proton Therapy for Breast Cancer

- **Project Lead:** May Elbanna, MB, BCh, PhD (Mayo Clinic - Rochester)
- **Project Support/Oversight:** Isabelle Choi (Memorial Sloan Kettering/NYPC)
 - Youlia Kirova, MD (Institut Curie, Paris)
 - Rob Mutter, MD (Mayo Clinic – Rochester)
 - Shannon MacDonald, MD (Southwest Florida Proton)
- **Cross-sectional, observational survey study of practicing radiation oncology physicians and medical physicists**
- IRB approval obtained
- Conducted in RedCap
- Distributed to radiation oncologists at a proton center worldwide
- 18-question survey
 - Technology, image guidance availability
 - Treatment planning details including robust optimization, LET optimization/evaluation, OAR dose constraints

**IDENTIFYING OPTIMAL TREATMENT PLANNING TECHNIQUES FOR PROTON THERAPY: A
MULTICENTER DOSIMETRIC PLAN EVALUATION STUDY**

- **Project Lead:** May Elbanna, MB, BCh, PhD (Mayo Clinic - Rochester)
- **Project Support/Oversight:** Dean Shumway, MD (Mayo Clinic – Rochester)
 - Isabelle Choi (Memorial Sloan Kettering/NYPC)
 - **Software Support:** J.W. Snider

Do you maintain a mailing list of subcommittee members (Yes)

Should the subcommittee continue its work (Yes)

If yes, please describe the planned activities and goals for the next 3 years – max 2,000 characters including spaces

Please circulate this form to all subcommittee members and once agreed upon by the subcommittee submit it to: secretariat@ptcog.online (cc: m.durante@gsi.de) within:

August 30, 2026

Please attach the list of subcommittee members (name and country).

The information contained in this form and the list of members will be uploaded on the webpage of your subcommittee (see: <https://ptcog.online/subcommittee/>).