

Subcommittee Name: **Ocular Subcommittee**

Co-chairs

Name	Country	Term started	Term ends*
Shih, Helen	USA	2025 (1st)	2027 (1st)
Mortimer, Linda	UK	2026 (1st)	2028 (1st)
Heufelder, Jens	Germany	2027 (2nd)	2029 (2nd)

** 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.*

To the understanding of the ocular subcommittee the term of a co-chairs starts in the year after the approval by the steering committee (e.g. approval in 2025 results in term from 01.01.2026 to 31.12.2027)

Subcommittee Achievements (e.g. white papers, publications, workshops, ...) – max 2,000 characters including spaces

Publications:

Hrbacek J, Mishra KK, Kacperek A et al. Practice Patterns Analysis of Ocular Proton Therapy Centers: The International OPTIC Survey. Int J Radiat Oncol Biol Phys. 2016;95:336-343. doi: 10.1016/j.ijrobp.2016.01.040.

Hrbacek J, Kacperek A, Beenakker JM et al. PTCOG Ocular Statement: Expert Summary of Current Practices and Future Developments in Ocular Proton Therapy. Int J Radiat Oncol Biol Phys. 2024;120:1307-1325. doi: 10.1016/j.ijrobp.2024.06.017.

Mortimer L, Slopsema R, Mazal A et al. PTCOG Ocular Survey - Perspective on Ocular Particle Therapy: Current Practices and Emerging Trends. Int J Part Ther. 2026;19. doi: 10.1016/j.ijpt.2026.101300.

Conducted 2 surveys (2015 and 2023) resulting in two publications (see above)

Conducted 2 online symposia in 2022 (<https://indico.psi.ch/event/12099/>) and 2024 (<https://indico.psi.ch/event/15504/>) on Ocular Particle Therapy (OPT). See respective recordings

Started webinar series 2025 with two webinars so far
(<https://indico.psi.ch/search/?q=ptcog+ocular&sort=mostrecent>)

Started YouTube channel 2022 with recordings of the symposia and webinars

Implemented 3 working groups on the following topics: Definitions, Volumes & Margins / Fundus / international Delphi consensus of optic toxicity definitions

Do you maintain a mailing list of subcommittee members (Yes/No)? **Yes**

Should the subcommittee continue its work (Yes/No)? **Yes**

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

Continuation of webinar series – next webinars planned in fall/winter 2026 (2 to 3 clinical and technical presentations)

Working group on Definitions, Volumes & Margins:

Understand the historical background on used concepts for volumes and “safety” margins / De-mystify the legacy of “magical 2.5 mm” margins and develop a common understanding of margin concepts in OPT / Develop a consensus-driven and sciences-based margin formula, based on estimated uncertainty budgets in OPT: sending out survey to all OPT centers in the next weeks → summarize and identify commonalities, potentially consensus of current practice and needs → publication of a white paper

Working group on Fundus:

To better understand and quantify the specific challenges associated with using an ophthalmic imaging device that is not designed/commissioned for RT planning, with the aim of developing guidelines and requirements for the use of fundus cameras in OPT in a similar way as other imaging modalities. → planning a travelling phantom study to assess reproducibility and accuracy of different fundus cameras at different institutions → publication of the results

Working group on International Delphi consensus of optic toxicity definitions:

To establish an international consensus of optic toxicity definitions through a formal Delphi consensus process: the idea is to choose a common endpoint and grading system across oncology and ophthalmology worlds → publication of a white paper (may take longer than 3 years)

(1485 characters incl. 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/>).