

Subcommittee Name: Pediatrics

Co-chairs

Name	Country	Term started	Term ends*
Matthew Hall	United States	2023	2026
John Maduro	Netherlands	2024	2027
Srinivas Chilukuri	India	2024	2027

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

1. **ESTRO/PTCOG/SIOPE Consensus Guidelines for Image Guidance in CSI Proton Therapy.** (PI: Rakesh Jalali). Guidelines creation 2024-2026. Review of guidelines expected: Q3-Q4 2026. Project target completion: 2027.
2. **Survey on Carbon Ion Therapy in Pediatric Cancers**, collaboration with PTCOG Carbon Ion Subcommittee (PIs: Fantine Giap and Semi Harrabi). Survey written and approved by subgroup. Submitted to IRB at Mayo Clinic, Jacksonville. Distribution planned in late 2026.
3. PTCOG Early Career Researcher (ECR) Subcommittee Webinar – presented committee framework, objectives, and projects before PTCOG meeting in order to identify interested young investigators to join the subcommittee.

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

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

Future Projects:

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

1. **A Multicenter Proton Therapy Competitive Planning Study for Pediatric Cancers.** Significant heterogeneity exists in how proton therapy is planned at different centers. The aim of this project is to evaluate planning differences between PTCOG centers. Four anonymized cases including CT datasets with target volumes and organs at risk will be distributed to ~12 participating centers. Each center will plan the case and submit the RT plan. Important comparisons will include number and orientation of fields employed, dose-volume differences, and optimization priorities. Project Champions: Matthew Hall and Minesh Mehta
2. **Proton Therapy for Pediatric Tumors: A Consensus Statement From the Particle Therapy Cooperative Group.** The last joint consensus statement was published with EPTN and PROS in 2018 focusing on published data on pediatric proton therapy and costs. Since then, many new centers have opened globally who treat pediatric patients. An updated survey and consensus statement will address the following topics: Patient triage, contour/plan peer review, ongoing training/education, motion management, PTV/CTV Robust optimization, Beam selection and spot size, LET evaluation, adaptive replanning, reirradiation.

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/>).