



QUARTET Research Outputs

Updated 24/02/2023

1. Abstracts

- Kelly, Sarah, Enrico Clementel, Mark N Gaze, Gary Royle, and Tom Boterberg. 2019. "V686 SIOPE19-1652 Identifying Potential Normal Tissues of Interest for the Paediatric Radiotherapy Population." *Pediatric Blood & Cancer* 66 (S4): 488. <https://doi.org/10.1002/psc.27989>.
- Kelly, S., E. Clementel, M. Gaze, G. Royle, and T. Boterberg. 2019. "Towards a Consensus on Normal Tissues of Interest for the Paediatric Radiotherapy Population." In *International Journal of Radiation Oncology*Biophysics*, 105:910. Elsevier Inc. <https://doi.org/10.1016/j.ijrobp.2019.07.037>.
- Kelly, S., R. Effeney, M. Gaze, H. Mandeville, and T. Boterberg. 2020. "[ABSTRACT 0170/#834] QUARTET: A SIOPE Europe Project for Quality and Excellence in Radiotherapy and Imaging for Children and Adolescents with Cancer." In *Pediatric Blood & Cancer*, 67:S82–83. <https://doi.org/10.1002/psc.28742.1>.
- Mir, R., S. Kelly, Y. Xiao, A Moore, C Clark, E Clementel, C Corning, et al. 2020. "PO-1294: Consistency of OAR Delineation for Clinical Trials: A Global Harmonization Group Consensus." *Radiotherapy and Oncology* 152 (November): S682–83. [https://doi.org/10.1016/S0167-8140\(21\)01312-8](https://doi.org/10.1016/S0167-8140(21)01312-8).
- Boterberg T, Magelssen H, Ledoux B, Kelly SM, Dieckmann K, Malinova B, et al. POSTER ABSTRACT P318 Relationship between local control and quality assurance of radiotherapy. A report from the radiotherapy committee of the SIOPE High Risk Neuroblastoma Trial (HRNBL1/SIOPE). *Adv. Neuroblastoma Res.*, 2021, p. 575–6.
- Kelly, Sarah M., Rachel Effeney, Mark N. Gaze, Henry Mandeville, and Tom Boterberg. 2021. "ABSTRACT The Quality and Excellence in Radiotherapy and Imaging for Children and Adolescents with Cancer across Europe in Clinical Trials (QUARTET) Project." In *CCLG Winter Meeting 2021*, 1–2.
- Kelly SM, Pötschger U, Arnardottir HB, Boterberg T, Dieckmann K, Beck Popovic M, et al. Radiotherapy quality assurance outcome and its correlation with survival in the SIOPE High-Risk Neuroblastoma trial (HR-NBL1/SIOPE). A report from the radiotherapy committee [PROS 2022 Abstract 1074]. *Int J Radiat Oncol* 2022;114:1074. <https://doi.org/10.1016/j.ijrobp.2022.09.041>
- Davey A, Pan S, Bryce-Atkinson A, Mandeville H, Janssens GO, Kelly SM, et al. The need for consensus on delineation and dose constraints of dento-facial structures in paediatric radiotherapy: results of a SIOPE survey [PROS 2022 Abstract 1071]. *Int J Radiat Oncol* 2022;114:1071–2. <https://doi.org/10.1016/j.ijrobp.2022.09.035>.
- Turcas A, Kelly S, Tom B, Mandeville H. The Vertebrae as OARs in Paediatric Radiotherapy Clinical Trials: Initial QUARTET experience [PROS 2022 Abstract 1073]. *Int J Radiat Oncol* 2022;114:1073. <https://doi.org/10.1016/j.ijrobp.2022.09.039>.



2. Publications

- Mir, Romaana, Sarah M Kelly, Ying Xiao, Alisha Moore, Catharine H Clark, Enrico Clementel, Coreen Corning, et al. 2020. "Organ at Risk Delineation for Radiation Therapy Clinical Trials: Global Harmonization Group Consensus Guidelines." *Radiotherapy and Oncology* 150 (June): 30–39. <https://doi.org/10.1016/j.radonc.2020.05.038>.
- Kelly SM, Effeney R, Gaze MN, Bernier-Chastagner V, Blondeel A, Clementel E, et al. QUARTET: A SIOP Europe project for quality and excellence in radiotherapy and imaging for children and adolescents with cancer. *Eur J Cancer* 2022;172:209–20. <https://doi.org/10.1016/j.ejca.2022.05.037>.
- Taylor PA, Hoffmann L, Kelly SM, Kry SF, Møller DS, Miles E, et al. Prioritizing Clinical Trial Quality Assurance for Photons and Protons: A Failure Modes and Effects Analysis (FMEA) Comparison. *Radiother Oncol* 2023;0:109494. <https://doi.org/10.1016/J.RADONC.2023.109494>.
- Kelly SM, Turcas A, Corning C, Bailey S, Cañete A, Clementel E, et al. Radiotherapy quality assurance in paediatric clinical trials: first report from six QUARTET-affiliated trials. *Radiother Oncol* 2023:109549. <https://doi.org/10.1016/J.RADONC.2023.109549>.