

OPEN

SPECIAL THEMED ISSUE: PARTICLE THERAPY

Journal of Medical Radiation Sciences (JMRS) invites authors to submit articles to a special themed issue on Particle Therapy

BACKGROUND

Medical Radiation Sciences

Journal of

With the imminent introduction of Particle Therapy in Australia, this special issue of the Journal of Medical Radiation Sciences will enhance the understanding of this advanced Radiation Therapy modality, its direct clinical applications and patient outcomes, latest research developments, as well as long term impacts of Particle Therapy on the lives of cancer patients.

This special edition will explore the advanced technologies, from photons to protons to carbon ions, in order to increase particle therapy knowledge in this rapidly evolving scope of practice.

THEME

Medical radiation professionals need to adapt in preparation for the introduction of particle therapy in Australian in order to meet future advancements in patient cancer care.

We are particularly interested in including a broad range of educational, narrative and original research articles, which will provide a timely collection of Particle Therapy topics from experts in our region and importantly from overseas.

TOPICS

Potential topics include, but are not limited to:

- Updates and reviews on particle therapy (dosimetry or treatment)
- Insight into the latest patient-reported outcomes
- Technical evaluations of clinical applications of advanced technologies
- Radiobiological considerations (RBE, LET)
- Technical evaluations of dosimetry/treatment planning considerations
- Technologies for planning, treatment and adverse event assessment
- Assessment of long term side effects
- The use of dual energy CT/MR imaging for proton therapy
- The role of education and training in particle therapy
- Integration of particle therapy in Australia (referrals, workflows and Medicare).

All manuscript types will be considered, including original research articles, review papers and case studies.

Before submission, authors should carefully read over the Journal's Author Guidelines, which are available at: www.jmrsjournal.com

On the cover page/letter, please state that your manuscript is to be considered for the special themed issue.

SPECIAL THEMED ISSUE EDITORS:

Dr Nigel Anderson Radiation Therapy Manager, Olivia Newton-John Cancer Wellness & Research Centre Dr Michala Short Senior Lecturer in Radiation Therapy, University of South Australia

MORE INFORMATION

Contact Dr Michala Short at michala.short@unisa.edu.au

Submission deadline: 31 July 2023

ACQI Research Associate, The University of Western Australia

Dr Mikaela Dell'Oro

*Accepted articles will immediately appear in Early View publication in copy edited version.