TECHNICAL INNOVATIONS & PATIENT SUPPORT IN RADIATION ONCOLOGY

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DESCRIPTION

Technical Innovations & Patient Support in Radiation Oncology is an international, open access journal which brings together technology and patient care in the field of radiation oncology. The journal encompasses all topics of importance to radiation therapists, nurses and allied health professionals, including:

* Treatment planning and workflows
* Treatment delivery
* Treatment verification
* Patient care
* Supportive care
* Psycho-oncology
* Education and training
* Patient advocacy
* Policy development and management
* Patient reported outcome measures
* Risk management
* Radiotherapy quality management and control
* Radiotherapy audit
* Radiotherapy workflow management
* Personalisation

The journal publishes original research articles, case reports, practice development and health evaluation articles, review articles, short communications, technical notes, case series and reports, and correspondence.

AUDIENCE

Radiation technologists, oncology nurses, allied health professionals, and the wider radiation oncology and nursing communities
ABSTRACTING AND INDEXING

Directory of Open Access Journals (DOAJ)
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Head and neck radiotherapy, with a particular focus on improving practice to minimise the effects of radiation induced complications, advanced treatment and imaging techniques to improve the quality of radiotherapy across multiple cancer sites, clinical guidelines for head and neck radiotherapy, inclusive of reactive and prophylactic enteral feeding in definitive (Chemo) IMRT for head-and-neck cancer.
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Radiotherapy, MRI guided radiotherapy, Artificial Intelligence, Hybrid imaging, Radiomics
Mikki Campbell, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada
Advancement of radiation medicine through the integration of novel technologies, Accessibility and delivery of quality patient-centred care, Stereotactic radiation (SRS/SBRT) to brain and spine tumours, Integration of MRI in radiation therapy
Luca Capone, UPMC Hillman Cancer Center, Pittsburgh, Pennsylvania, United States of America
Brain Metastases, Radiosurgery, Intensity Modulated Radiation Therapy
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Pia Krause Møller, Odense University Hospital, Odense, Denmark
Radiotherapy, Laryngeal Neoplasms, Tobacco Smoking, Radiodermatitis
Aidan Leong, University of Otago, Dunedin, New Zealand
Breast cancer, IGRT, breathing adapted RT
Helen Anne McNair, Royal Marsden NHS Foundation Trust, London, United Kingdom
Translation of novel radiotherapy technologies into clinical practice, involving investigating the efficacy and efficiency of intensity modulated radiotherapy and image guided radiotherapy, deliver radiotherapy using real-time treatment planning, by redeploying the radiotherapy workforce to create an optimal patient pathway

**Sophie Perryck**, University of Zurich, Zurich, Switzerland
Imaging modalities and image fusions, to smooth over the delineation process, MR-guided treatment positioning, Expiration breath-hold for Stereotactic Body Radiotherapy (SBRT) in liver and abdominal tumours

**Gillian Prue**, Queen’s University Belfast, Belfast, United Kingdom
Living with and beyond cancer, Supportive care, Symptom management, Treatment toxicity

**Philipp Scherer**, University of Salzburg, Salzburg, Austria
IGRT and ART, Positioning and immobilization, Stereotactic radiotherapy, Radiotherapy for prostate cancer, IORT

**Yat Man Tsang**, Mount Vernon Cancer Centre Radiotherapy Department, Northwood, United Kingdom
Image-guided radiotherapy, stereotactic radiotherapy, advances in breast and prostate radiotherapy

**Michael Velec**, Princess Margaret Hospital Cancer Centre, Toronto, Ontario, Canada
Adaptive radiotherapy, deformable image registration, dose accumulation, biomechanical models, quantification of organ motion

**Sharon Wong Mei Mei**, National Cancer Centre Singapore, Singapore, Singapore
Radiation Therapy, Treatment Planning, Education, Medical Dosimetry, Proton Therapy

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INTRODUCTION

Technical Innovations & Patient Support in Radiation Oncology is an international, open access journal which brings together technology and patient care in the field of radiation oncology. The journal encompasses all topics of importance to radiation therapists and nurses, including:

* Treatment planning and workflows
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* Policy development and management
* Patient reported outcome measures
* Risk management
* Radiotherapy quality management and control
* Radiotherapy audit
* Radiotherapy workflow management
* Personalisation

The journal publishes original research articles, case reports, practice development and health evaluation articles, review articles, short communications, technical notes, case series and reports, and correspondence.

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Initial Manuscript Evaluation
The Editors first evaluate all manuscripts. In some circumstances it is feasible for a manuscript to be accepted at this stage. Those rejected at this stage are insufficiently original, have serious scientific flaws, or are outside the aims and scope of the journal. Those that meet the minimum criteria are passed on to experts for review.

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Has results which are clearly presented and support the conclusions
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TIFF (or JPEG): Combinations bitmapped line/half-tone (color or grayscale), keep to a minimum of 500 dpi.

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