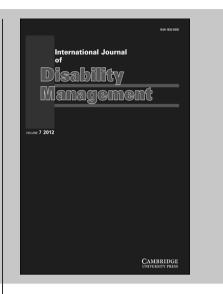
JOURNALS



Published for the International Forum on Disability Management

Editor-in-Chief Nicholas Bellamy, University of Queensland, Australia

International Journal of Disability Management publishes research findings in areas including prevention of injury and disability, occupational rehabilitation and employment of people with injury and disability. The journal has a particular aim of encouraging and publishing findings from studies conducted in a range of countries that focus on disability management interventions in the workplace.



International Journal of Disability Management is available online at: http://journals.cambridge.org/idm

To subscribe contact Customer Services

in Cambridge: Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

in New York:

Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 Email subscriptions_newyork@cambridge.org

Free email alerts

Keep up-to-date with new material – sign up at journals.cambridge.org/idm-alerts

For free online content visit: http://journals.cambridge.org/idm



Aims and Scope

The Journal of Radiotherapy in Practice is a peer-reviewed journal covering all of the current modalities specific to clinical oncology and radiotherapy. The Journal aims to publish quality research from a wide range of styles and encourage debate and the exchange of information and opinion from within the field of radiotherapy practice and clinical oncology. The Journal also aims to encourage technical evaluations and case studies as well as equipment reviews that will be of interest to an international radiotherapy market.

The *Journal of Radiotherapy in Practice* aims to provide an easily available forum for education matters by publishing regular high-standard Continuing Professional Development articles.

Publisher

Dan Edwards, Commissioning Editor, Cambridge University Press, Journals, University Printing House, Shaftesbury Road, Cambridge CB2 8BS, UK. Tel: 44 (0)1223 326491 Fax: 44 (0)1223 325802 E-mail: dedwards@cambridge.org

Subscriptions

Journal of Radiotherapy in Practice is published annually in one Volume of four Issues in March, June, September and December. The subscription rate for 2014, Volume 13 is:

- Individual rate £,139 or \$265
- Institutional rate $f_{,400}$ or \$642

Correspondence concerning subscriptions should be addressed to: Journals Customer Services, Cambridge University Press, Edinburgh Building, Cambridge CB2 8RU, UK. Tel: +44 (0)1223 326070 Fax: +44 (0)1223 325150 E-mail: journals_subscriptions@cambridge.org Web: www.cambridge.org; Cambridge Journals

Online: www.journals.cambridge.org.

Advertising Sales

Please contact Cambridge University Press, Advertising and Special Sales, Journals, University Printing House, Shaftesbury Road, Cambridge CB2 8BS, UK. Tel: +44 (0)1223 325757 Fax: +44 (0)1223 325802 E-mail: ad_sales@cambridge.org The *Journal of Radiotherapy in Practice* will include research papers, scientific papers, technical articles, case studies and review articles relevant to anyone with an interest in clinical oncology and radiotherapy including: research; treatment planning; radiotherapy techniques/ protocols; portal imaging; continuing professional development; education and training; new technology; networking.

The Editor-in-Chief welcomes any suggestions to submission of manuscripts to the journal. Please refer to the online Instructions to Authors available at www.journals.cambridge.org/jrp. Please write to the Editor-in-Chief if you require further assistance in submitting an article for publication.

Abstracting/Indexing

The Journal of Radiotherapy in Practice is indexed and abstracted in EMBASE/Excerpta Medica.

Copyright

ISSN 1460-3969

© Cambridge University Press 2014. Apart from fair dealing for the purposes of research or private study, or criticism or reviews, as permitted under the Copy right, Designs and Patents Act, 1988, this publication may only be reproduced, stored or transmitted, in any form or by any means, with the prior permission in writing of the publishers (Cambridge University Press, Edinburgh Building, Shaftesbury Road, Cambridge, CB2 8RU, UK), or in the case of reprographic reproduction in accordance with the terms of licences issued by the Copyright Licensing Agency, 90 Tottenham Court Road, London WIP 9HE, UK.

Notes to users in USA. Authorisation to photocopy items for internal or personal use is granted by Cambridge University Press provided that the appropriate fees are paid directly to the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. For more information please contact CCC. For territories outside North America, permission should be sought direct from the copyright holder. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising and promotional purposes, for creating new collective works, or for resale.

Typeset by MPS Limited, Bangalore, India. Printed in Great Britain by Bell & Bain.

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

JOURNAL OF **RADIOTHERAPY** IN PRACTICE CONTENTS

OUTENTS	
In this issue	379
ORIGINAL ARTICLES	
Results of a Canadian study examining the prevalence and potential for developing compassion fatigue and burnout in radiation therapists Carol Gillies, Bonnie Bristow, Francois Gallant, Kari Osmar, Irene Lange-Mechlen, William Tyler Tran	383
The impact of inter-fraction set-up errors on the probability of pulmonary and cardiac complication in left-sided breast cancer patients Crispen Chamunyonga	393
Evaluation of a Belly Board immobilisation device for rectal cancer patients receiving pre-operative chemoradiation Andrew Gaya, Patryk Brulinski, Stephen L. Morris, Kim A. Ball, Anthony G. Greener, Sue Corcoran, Anthony Henrys, David B. Landau, George Mikhaeel, Martin D. Leslie, Anna Z. Winship	403
Image guidance procedures in radiotherapy for prostate cancer and the influence of body mass index Tomasz Piotrowski, Krzysztof Kaczmarek, Agata Jodda, Adam Ryczkowski, Tomasz Bajon, George Rodrigues, Slav Yartsev	410
IMRT with concomitant boost versus conventional radiation in the setting of sequential chemoradiotherapy for oropharyngeal cancer Giovanni Franchin, Carlo Furlan, Emanuela Vaccher, Renato Talamini, Carlo Gobitti, Giuseppe Grando, Emilio Minatel, Andrea Dassie, Mauro Gaetano Trovò, Luigi Barzan	418
Trimodality bladder-sparing approach versus radical cystectomy for invasive bladder cancer Samy M. AlGizawy, Hoda H. Essa, Mostafa E. Abdel-Wanis, Ahmed M. Abdel Raheem	428
A study to assess the feasibility of using CT (±diagnostic MRI) instead of MRI at brachytherapy in image guided brachytherapy	
in cervical cancer Bhavana Rai, Firuza D. Patel, Parsee Tomar, Oinam A. Singh, Vijai Simha, Bhaswanth Dhanireddy, Suresh C. Sharma	438
Comparison of CCC and ETAR dose calculation algorithms in pituitary adenoma radiation treatment planning; Monte Carlo evaluation K. Tanha, S. R. Mahdavi, G. Geraily	447
Radiation dose distribution under the area protected using a Cerrobend block during external beam radiotherapy: a film study Mohammad Mohammadi, Amir Taherkhani, Mohmmadsaeed Saboori	456
LITERATURE REVIEWS	
The role of the keyworker in breaking down professional culture barriers to providing high-quality palliative care: a literature review Carina Feuz	465
Calypso [®] 4D Localization System: a review C. Silva, D. Mateus, M. Eiras, S. Vieira	473
Radiation therapist peer review: raising the bar on quality and safety in radiation oncology Crispen Chamunyonga, Pete Bridge	484
CASE STUDIES	
Primary mucosa-associated lymphoid tissue lymphoma of the thyroid with concomitant papillary carcinoma Shaakir Hasan, Aruna Turaka	490
A case report of long-term survival of metastatic extraskeletal myxoid chondrosarcoma treated with surgery and hypofractionated radiotherapy Haoming Qiu, Mary Hare, Yuhchyau Chen	493

Sign up to Cambridge Journals Online

You can now:

- > Access complimentary sample material
- > Register for table-of-contents email alerts and stay up-to-date with the latest findings
- > Save searches
- > Download citations to reference management software

To register, visit journals.cambridge.org/register

Cambridge Journals Online





MIX Paper from responsible sources FSC[®] C007785



https://doi.org/10.1017/S1460396914000351 Published online by Cambridge University Press