**TABLE OF CONTENTS**

### Message from the Guest Editor

320 // Message from the Guest Editor  
Winnie Li, MSc, MRT(T), Research Radiation Therapist

### Message from the Editor

323 // Message from the Editor  
Lisa Di Prospero, BSc(Hons), MSc, MRT(T)

### Commentary

326 // Standardized Implementation of Clinical Practices  
James Loudon, MHS, MRT(T), PMP

### Clinical Perspectives

328 // Image-Guided Neurosurgery  
Robert C. Min, PhD (candidate), MSc (Nuclear Medicine), MSc (Molecular Imaging), MedPhys (pgc), BSc (MRS), MRT(N), BSc, EET, CAVP

336 // Tumour-Targeted Treatment Intensification for Prostate Cancer Using Magnetic Resonance Imaging Guidance  
Jessy Abed, RTT, MHScMRS, Jenny Lee, MMath, Tim Craig, PhD, Alejandro Berlin, MD, MSc, Cynthia Ménard, MD and Peter Chung, MD

343 // On-Treatment Verification for Lung Stereotactic Ablative Radiation Therapy  
Sarah Barrett, MSc

### Research Articles

Aoibhín Coyle, BSc (Hons) and Elizabeth Forde, MSc

352 // Evaluation of Bony Anatomy Versus Endobiliary Stents as Surrogates for Volumetric Image Guidance in Pancreatic Cancer  
Christos Chortogiannis, BSc, MRT(T), Douglas Moseley, PhD, Jasmine Chen, BSc, MRT(T), Alana Polizzi, BSc, MRT(T), James Brierley, MB, BS and Winnie Li, MSc, MRT(T)

360 // A Comparison of Non-coplanar Three-dimensional Conformal Radiation Therapy, Intensity Modulated Radiation Therapy, and Volumetric Modulated Radiation Therapy for the Delivery of Stereotactic Ablative Radiation Therapy to Peripheral Lung Cancer  
Rhys Fitzgerald, MAAppSc (MRT), Grad Dip Mgmt, Rebecca Owen, PhD, Catriona Hargrave, MAAppSc, David Pryor, MBBS, FRANZCR, Margot Lehman, MBBS, FRANZCR, Anne Bernard, PhD, Tao Mai, MBBS, FRANZCR, Venkatakrishnan Seshadri, MAAppSc and Andrew Fielding, PhD

370 // Evaluating the Effectiveness of an Electronic Learning Tool for Volumetric Imaging Training—Perceptions of Radiation Therapy Professionals  
Olive Y. Wong, MRT(T), MMSc, Caitlin Gillan, MRT(T), MEd, Nicole Harnett, MRT(T), MEd and Winnie Li, MRT(T), MSc

377 // A Pilot Study Evaluating the Effectiveness of Dual-Registration Image-Guided Radiotherapy in Patients with Oropharyngeal Cancer  
Simon Goldsworthy, MSc, Marcus Leslie-Dakers, BSc, Steven Higgins, BSc, Tim Barnes, BSc, Petra Jankowska, MD, Sanja Dogramadzi, PhD and Jos M. Latour, PhD

(Continued on next page)
385 // Improved Simultaneous Algebraic Reconstruction Technique Algorithm for Positron-Emission Tomography Image Reconstruction via Minimizing the Fast Total Variation
Abdelwahab Boudjelal, MSc, Zoubida Messali, PhD, Abderrahim Elmoataz, PhD and Bilal Attallah, MSc

394 // From Computed Tomography–Guided to Magnetic Resonance Imaging–Guided Intracavitary Brachytherapy for Cervical Cancer: What Do the Key Stakeholders Have to Say about the Transition?
Kitty Chan, MHSc, MRTT, Angela Cashell, MSc, MRTT and Tara Rosewell, PhD, MRTT, FCAMRT

402 // Side Effects Associated with the Use of Intensity-Modulated Radiation Therapy in Breast Cancer Patients Undergoing Adjuvant Radiation Therapy: A Systematic Review and Meta-Analysis
Katherine E. Jensen, MRT(II), BA, MSc (candidae), Lesley J.J. Soni, MSc, Henry T. Stelfox, MD, PhD, Fiona M. Clement, PhD, Yongtao Lin, MLIS and Deborah A. Marshall, PhD

414 // Letter to the Editor
F. Mitchell, MRT(II), BSc(Hons), MA, EdD

414 // Response to Letter to the Editor
C. Wang, BSc(Hons), MHA