

Table of Contents

Volume 10 Number 2

May 2021

Dosimetric Effects Due to Inter-Observer Variability of Organ Contouring When Utilizing a Knowledge-Based Planning System for Prostate Cancer

H. Liu, C. Amaloo, B. Sintay, D. Wiant.....47

A Novel Technique to Validate Dosimetry for Single-Isocenter Multiple-Target VMAT Stereotactic Radiosurgery

Y. L. Song, M. Zhang, L. Voros, X. L. Tang, Z. Saleh, W. X. Cai, J. Jeong, B. Mueller, B. Mychalczak.....59

Considerations and Experience in the Treatment of Lung Cancer with VMAT SBRT + DIBH in Arms-Down Position

Y. L. Song, B. Mueller, K. Dow, Z. Saleh, X. L. Tang, M. Zinovoy, D. Gelblum, B. Mychalczak.....69

Auto-Segmentation on Liver with U-Net and Pixel De-Convolutional Network

H. Yao, J. Chang.....81

Acuros-Based Planning with Density Override for Lung SBRT by a Dynamic Conformal Arc Technique: Comparative Evaluation with AAA-Based Planning in Four-Dimensional Dose

I. Yeo, N. Joyce, D. P. Singh, M. T. Milano, Y. Chen, S. Bandyopadhyay, H. M. Yang, D. Rosenzweig.....94

Dosimetric Comparison: Volumetric Modulated Arc Therapy (VMAT) and 3D Conformal Radiotherapy (3D-CRT) in High Grade Glioma Cancer—Experience of Casablanca Cancer Center at the Cheikh Khalifa International University Hospital

I. Benali, O. Kaanouch, A. Naim, H. E. Gouach, Z. Dahbi, F. Kouhen.....111