

# Table of Contents

**Volume 5    Number 4**

**November 2016**

<b>Evaluation of Single Field Uniform Dose (SFUD) Proton Pencil Beam Scanning (PBS) Planning Strategy for Lung Mobile Tumor Using a Digital Phantom</b>	
G. Liu, H. Quan, X. Q. Li, C. Stevens, D. Yan, X. F. Ding.....	213
<b>Generation of Dose Volume Histograms Using Voxel Structure and the Monte Carlo Method in Low Dose Rate Brachytherapy</b>	
A. F. Menezes, H. Laulate, J. P. R. Junior, L. H. Bardella, A. Facure, A. X. Silva.....	230
<b>An Overview of the Control System for Dose Delivery at the UCSF Dedicated Ocular Proton Beam</b>	
I. K. Daftari, K. K. Mishra, R. P. Singh, D. J. Shadoan, T. L. Phillips.....	242
<b>Treatment of Massive Low-Grade Chondrosarcoma of Nasal Septum with Helical Tomotherapy: A Case Report</b>	
H. Basaran, T. Koca, S. Karaca, O. E. Kılinc, F. G. Karauc, O. Özdemir, O. Kuduban, A. Tatar, S. Şipal.....	263
<b>TBI Technique Improvements for Anesthetized Pediatric Patients Based on Near-Miss Incident Reporting</b>	
N. Cao, E. C. Ford, M. J. Nyflot, R. P. Ermoian, N. W. Pelly, L. Young, K. Hendrickson.....	270
<b>Assessment of ESAK and ED for Adult's Patients Examined by Computed Radiography</b>	
S. Alameen, F. A. A. Badrey, A. S. Abdullateef, A. M. Ahmed.....	281
<b>Application of Dual-Energy Computed Tomography for Breast Cancer Diagnosis</b>	
Y. Okamura, N. Yoshizawa, M. Yamaguchi, I. Kashiwakura.....	288
<b>Radiation Beam Characterization and Dosimetry of Theratron Equinox-80 Telecobalt Machine Using BEAMnrc Monte Carlo Simulation Code</b>	
N. P. Patel, R. Shukla, N. Balasubramanian, R. Atri, A. K. Dhull, H. P. Yadav, V. Kaushal.....	298
<b>Feasibility of Estimating Patient-Specific Dose Verification Results Directly from Linear Accelerator Log Files in Volumetric Modulated Arc Therapy</b>	
K. Kosaka, M. Tanooka, H. Doi, H. Inoue, K. Tarutani, H. Suzuki, Y. Takada, M. Fujiwara, N. Kamikonya, S. Hirota.....	317

**A Sensitivity Dosimetry Study of the Setup Uncertainties during  
Machine Commissioning and Annual QA**

V. N. Nguyen, B. Wang, C. y. Shi.....329

**Usefulness of Iron-Containing Fiducial Marker for Prostate Radiotherapy**

O. Tanaka, H. Komeda, T. Iida, M. Tamaki, K. Seike, D. Kato, T. Yokoyama, S. Hirose,  
D. Kawaguchi, E. Yama.....348