Poster Number	First/Given Name	Last/Family Nan	Abstract Title
1	Jixiang	Fu	A SD reconstrction algorithem based on toast for fluorescence diffuse optical tomography
2	Yili	Chen	In vivo mice Glioma follow-up with flurescence diffuse optical tomography
3	Ji-Hye	Song	VMAT plan QA: Comparison study of gamma analysis between arc field and composite dosimetry
4	Mohammad Taghi	Bahreyni Toossi	Tumor and critical organ's dose arising from different radiotherapy techniques applied to parotid gland; a comparison between calculated and measured dose
5	Jian	Zhu	Benefit of using bladder sub-volume equivalent uniform dose constraints in prostate IMRT planning to reduce toxicity
6	Jian	Zhu	Estimation of alpha/beta ratio for late rectal toxicity from localized prostate cancer irradiation
7	zhou	zhenshan	Developing of the method used to fast verify the center position which are treated with Cynthia Gamma Knife
8	Xiuyan	Cheng	Study on gold ball location tracking method based on a interpolation algorithm
9	DONG WOOK	Kim	The Risk of Secondary malignancies arising from five different whole breast radiation treatments
10	Flavio	Nelli	A calculation algorithm to correct for the loss of backscatter in superficial x-ray radiation therapy
11	Min-Joo	Kim	MRI-only based radiotherapy: Feasibility study for MR/CT compatible phantom
12	Golam Abu	Zakaria	The Radiation Protection Law, Ordinance and Guidelines for X-ray Diagnostic Equipment in Germany
13	Hanshun	Gong	Evaluation of CBCT images quality and analysis of its long-term stability for HU values under different conditions
14	Heping	Yan	Study and design of MINItrace cyclotron radiation protection
15	Shuangchen	Lu	A Hybrid IMRT/VMAT technique for nasopharyngeal carcinoma: a dosimetric comparison with step-and-shoot IMRT and single-arc VMAT
16	Jiayun	Chen	Dosimetric impact of MLC leaf transmission on intensity-modulated radiotherapy of advanced lung cancer patients
17	Jihye	Koo	Influence of Inner Materials of Rectal Balloon on Dose Distribution and TPS Accuracy Verification Using RPLGD
18	Jun	Li	Analysis of Setup Errors of Cone-Beam CT to Image-Guided Radiotherapy for Lung Cancer
19	Jun	Li	Clinical feasibility of leakage and transmission radiation dosimetry using MLC of ELEKTA Synergy-S Accelerator during conventional radiotherapy
20	Jun	Li	Dosimetric study of three different types radiotherapy plans for left Breast Cancer
21	Jun	Li	Dosimetric study on treatment planning of the whole central nervous system (CNS) by different radiotherapy
22	Jun	Li	Effect of whole carbon fiber couch and virtual couch of VARIAN Linear Accelerator on radiotherapy dose of high energy X-ray
23	Jun	Li	Study on dosimetric verification of VMAT treatment planning for chest esophageal carcinoma
24	Jun	Li	Study on physical parameter measurement and verification of Varian accelerators DMLC
25	Jun	Li	The dosimetric study on different intensity modulated radiation therapy plans of hippocampal protection for brain metastases from lung cancer in the whole brain irradiation
26	Kohei	Shimomura	The impact of CT value variance caused by phantom size for calculating dose distribution in human body
27	Lin	Swe Swe	Dosimetric comparison between various treatment techniques for breast cancer radiotherapy
28	Lei	Sun	Multi-image modality used in AVM treatment planning of CK
29	Mahdie	Jajroudi	Estimation of radiation induced secondary cancer risk from scattered photons for conventional radiation therapy of breast
30	Min-Young	Lee	Utilization of a Depth Sensing Tablet to Total Body Irradiation (TBI) Patient Measurement and Treatment Planning
31	Nastaran	Mohamadian	Skin dosimetry in breast cancer radiotherapy with 6 MV photon beam
32	Nastaran	Mohamadian	Skin dosimetry in radiotherapy of breast cancer: a comparison between EBT and EBT3 radiochromic films
33	Panupat	Rugpong	The retrospective study for the influence of overall treatment time on efficiency of radiotherapy in cervical cancer.
34	Peng	Gao	Excitation-resolved cone-beam x-ray luminescence tomography imaging of nanophosphors of different concentrations
35	Ruijie	Yang	Dosimetric and radiobiological comparison of volumetric modulated arc therapy, high-dose-rate brachytherapy and low-dose-rate permanent seeds implant for localized prostate cancer
36	Ruijie	Yang	The study of dosimetric characteristics of TLD2000 thermoluminescent dosimeter
37	Ruijie	Yang	Commissioning of Axesse accelerator for volumetric modulated arc therapy
38	Ruijie	Yang	The Study of Dosimetric Characteristics for GMS BT-125-1 125I Radioactive Seed
39	Ruohui	Zhang	The study of implementation of constant dose rate and constant angular spacing intensity modulated arc therapy(CDR-CAS-IMAT) for cervical cancer on conventional linear accelerator
40	Samju	Cho	Validation of the EPID based QA tool for dynamic multileaf collimator
41	Shengpeng	Jiang	Improvement of an in-house fully automatic treatment planning system for radiotherapy of all kinds of cancer
42	Shuiping	Gou	Pancreas 3D MRI segmentation based on low rank decomposition enhance
43	Song Yi	Han	The dosimetric comparison of prone versus supine position for pendulous breast patients.
44	Sun Young	Moon	Optimized position of a patient to reduce damage to the hippocampus during WBRT using linear accelerator based IMRT and VMAT
45	Ting	Song	Prostate Stereotactic Body Radiation Therapy Plan Quality Control Using Patient-specific Rectal Toxicity Predictor
46	Tong	Bai	The advantages in prescription dose escalation from helical tomotherapy compared to LINAC-based IMRT on nasopharynx cancer
47	Tong	Bai	The effect of TomoTherapy MVCT different scan options on IGRT and ART accuracy

48	Xianwen	Zhang	Clinical test & search on medical linear accelerator by Monitor the PTW QUICKCHECK
49	Xianwen	Zhang	Evaluation of Dose Verification of Anisotropic Analytical Algorithm and Pencil Beam Convolution for IMRT Plans in Esophageal Carcioma
50	Xiao	liu	Real-time patient transit dose verification of volumetric modulated arc radiotherapy by a 2D ionization chamber array
51	Xi-zhi	Zhang	Analysis of Dose Rate Response Characteristic of Three Kinds of Finger Shape Ionization Chamber for Medical Linear Accelerator
52	Xun	Wang	The Study on GPU-based collapsed cone dose calculation
53	Yongbao	Li	A non-coplanar treatment plan optimization system for a robotic radiosurgery system
54	Yon-Lae	Kim	Feasibility study of flattening filter-free (FFF) beam for lung stereotactic ablative radiotherapy
55	Zhi	Wang	Validation of deformable image registration algorithms for head and neck adaptive radiotherapy in routine clinical setting based on RayStation-a preliminary result of ten cases
56	Zhihui	Hu	Application of TG119 protocol to Helical Tomotherapy commissioning
57	jie	yang	Eddy Currents Comparison between Conventional and Golden Ratio Based Radial Trajectories on 0.7T Open Superconducting MRI
58	AJAI	SRIVASTAVA	Early experience with gamma H2Ax based techniques in the estimation of radiation dose of the patients undergoing chest and abdominal CT
59	Artit	Rodkong	Comparison of the Effect of Brain Volume Analysis between Absolute Brain Volume and Brain Volume Normalized with Intra Cranial Volume in Methamphetamine Abusers
60	BUSAKOL	NGAMMUANG	A novel technique for Correction of magnetic field inhomogeneity of MRI cardiac T2*
61	Haenghwa	Lee	Reconstruction methods for newly developed chest digital tomosynthesis
62	Hongliang	Qi	A combination of L1 and smoothed L0 regularization for few-view CT reconstruction
63	Hyemi	Kim	Quantitative comparison of contrast enhancement methods in spectral mammography based on photon counting detector
64	Jingyu	Guo	Iterative image reconstruction for limited-angle CT using the feature of image symmetry
65	KEI	TERAZAKI	Imagining of Testicular Structure using Phase Contrast X-ray CT
66	Kyu-Ho	Song	Transverse relaxation times of liver metabolites in animal model of high-fat-diet-induced abnormal intrahepatic triglyceride storage using proton MRS
67	Lei	Li	Research on Filter-based Beam Hardening Correction in Computed Tomography
68	Nuttawadee	Intachai	The Relationship between Metabolite from 1H-MRS and Brain Volume by Magnetic Resonance Technique in Methamphetamine Users
69	Pil-Hyun	Jeon	Noise performance in clinical CT as a function of kVp with FBP and iDose
70	Shuyu	Wu	A practical geometric calibration method on prototype cone-beam CT
71	Junjie	Miao	The influence of target dose uniformity on dose to lung in the treatment plan for non small cell lung cancer
72	Xuejun	Qiu	The Integrated High Field Magnetic Resonance Imaging Guided Radiotherapy System
73	Yanchun	Zhu	Motion Artifacts Comparison between Golden Ratio Based Radial and Conventional Radial Strategies in MRI
74	Yang	Yang	Study on reconstruction of breast sound velocity distribution using ultrasonic data
75	Yonggang	Shi	Segmentation of hippocampal formation using dictionary learning and sparse representation
76	Zhiqiang	Liu	Study of TomoDirect in the clinical implementation of Esophageal carcinoma
77	Zhengdong	Zhou	Multi-Energy Photon Counting X-CT Reconstruction algorithm and its performance evaluation
78	Zheng-xiang	Xie	Complementary Processing for an Image with higher Luminance
79	Zhiyu	Qian	Investigation of Optical Reflectance from Different Animal Vertebra along the Fixation Trajectory of Pedicle Screw in Different Domains
80	Zijia	Chen	Adaptive non-local means regularization for sparse-view CT reconstruction
81	Daisuke	Horikawa	Fundamental research to decontaminate contaminated soil using fulvic acid
82	Sung Joon	Kim	Evaluation of various fiducial markers for real time tumor tracking of Vero system
83	Yusuke	Watanabe	Verification of Ir-192 source position and dwell time during the high dose rate brachytherapy treatment using a dual-pinhole imaging system
84	Hosang	Jeon	Uncertainty of accumulated doses using glass rod dosimeters for radiotherapy
85	Howell	Round	Radionuclide Therapies (RNTs): Radiation protection issues for the caregivers
86	JIBON	SHARMA	An audit of Patient Radiation Exposure in Cath-Lab.
87	Makoto	Hirata	A comparison of out-of-Target organ Dose From Megavoltage Computed Tomography by TomoTherapy
88	Masaki	Sueoka	Dosimetric verification of dynamic tumor tracking intensity modulated radiation therapy (DTT IMRT)
89	Min-Seok	Cho	PRELIMINARY STUDY FOR SWALLOWING MONITORING USING FORCE SENSING RESISTOR (FSR) SENSOR
90	NGUYEN THI CAM	TU	CALCULATION OF RADIATION SHIELDING FOR MEGAVOLTAGE GAMMA RAY FACILITY USING MONTE CARLO CODE EGSnrc
91	Qian	Liu	Organ dose conversion coefficients for external photon irradiation of Chinese adult male with different body size
92	Qiang	Ren	Three-dimensional Dose Reconstruction in The Presence of Inhomogeneities Using A Fast EPID-based Back-projection Method
93	Sang-Won	Kang	Verification of Acuros XB dose calculation algorithm on an air cavity for EBT3 Gafchromic film
94	SHI	Yong	Monte Carlo simulation and validation of the leakage radiation amount multi-leaf collimator of TrueBeam accelerator
95	W Howell	Round	Patient-specific dosimetry in peptide receptor radionuclide therapy patients: a practical method and results
96	Xiaobo	LI	Dosimetric study of the 3D printed bolus in intensity-modulated radiation therapy of nasal cavity tumor

97	Mohammad Taghi	Bahreyni Toossi	High dose radiotherapy can be preserved normal tissues from bystander effects of irradiated tumors
98	Seungwoo	Park	Comprehensive Radiation Irradiation Facility in KIRAMS (Korean Institute of Radiological and Medical Sciences) for Medical Use of Radiation
99	Xiaogang	Zheng	Inhibition of autophagy with chloroquine enhances the anti-tumor effect of high-LET radiation
100	Lian	Zhang	Comparison of GPU-based ARCHER Monte Carlo code with GEANT4 and FLUKA for proton depth dose profiles in a water phantom
101	Rongmao	Li	MRI-Based Assessment of Self-Hypnosis's Influence on Respiration Control
102	Yili	Chen	IMAGING PROCESSING STRATEGIES BASED ON SINGLE-CUE SALIENCY MAP FOR RETINAL PROSTHESIS SYSTEM
103	Daiki	Mochizuki	Development of a dose-distribution measurement tool with a plastic scintillator for electron beam therapy
104	Dong	Liu	Evaluation of the Radiation Damage to the Tumor Cell in Proton Boron Fusion Therapy
105	SuJin	Park	Feasibility study of a dedicated breast SPECT/ Spectral-CT system sharing a photon counting CZT detector
106	Jing	Jia	Verification and Validation of an Infrared and X-ray Based Tracking System for Patient Positioning and Monitoring in Image Guided Radiotherapy
107	Lian	Zhang	Monte Carlo study of positron emitter production for in-beam PET imaging during carbon-ion radiotherapy using GEANT4/GATE
108	Marlon Raul	Tecson	The Conduct of Performance Testing of Magnetic Resonance Imaging (MRI) Equipment based on ACR MRI QC Manual
109	Pradumna Chaurasia	Chaurasia	High Dose Rate (HDR) Intra Cavitary Radiotherapy (ICR) for Cervical cancer The Physicists's Experiences .
110	Qiang	Li	Active spot scanning with mixed spot sizes and different mini spread-out Bragg peak widths for heavy ion radiotherapy
111	Seong-Hee	Kang	Feasibility Study of Planning Phase Optimization using Patient Geometry-driven information for Respiratory Gated Radiotherapy
112	Quanshi	Zhang	The Study of Radio-Dynamic Therapy Mechanism
113	Junliang	Wang	Hippocampal-sparing during whole brain radiotherapy using linear accelerator-intensity modulated radiotherapy
114	Yameng	Zhang	Effect of Acute Ethanol Administration on Hippocampal CA1 Area Neural Activity by Multi-Channel Acquisition System
115	Yang	Tao	Evaluation of treatment plan quality between two treatment planning systems for VMAT
116	Yanmei	Kang	Mean first passage time of general tumor growth model driven by Non-Gaussian colored noise
117	Yao-Xiong	Huang	Raman and Surface-Enhanced Raman Spectroscopy on Horns and Their Correlation with Biomechanical Properties
118	Xuejun	Qiu	Construction of Regional Integrative Radiotherapy Information System Based on IHE-RO Technical Framework and Profiles
119	Song Yi	Han	The dosimetric comparison of prone versus supine position for pendulous breast patients.
120	Ke	Zhang	The Impact of Off-Center Position on Image Quality of Megavoltage CT
121	Hongying	Yao	Experimental teaching of magnetic resonance imaging
122	Hasin Anupama	Azhari	Situation of Medical Physics in Bangladesh: Education and Profession
123	Shigekazu	Fukuda	International Collaboration on Medical Physics in NIRS
124	Min	Ji	Exploeration and practice of medical physics as a general education course
125	Hidetake	Hara	Absorbed Dose Measurement Using Head Dosimetry Phantom for Acute Ischemic Stroke by Dual-energy CT
126	Dong-Su	Kim	A plan quality index in IMRT QA that is independent of the acceptance criteria
127	Peng	Huang	Independent check for radiotherapy treatment plans using clustering analysis
128	Yuan	Tian	Accurate dose distribution with high resolution derived from Monte Carlo simulation for the single source channel of leksell gamma knife
129	Seu-Ran	Lee	Development and Characteristics of Spine SBRT Phantom for Patient Specific QA based on 3D Printers
130	Takara	Watanabe	Development of All Sky RI Imaging Monitor using Compton Camera Technique
131	Kyeong-Hyeon	Kim	The Concept of a Four-dimensional Inverse Geometry Computed Tomography
132	Tae Ho	Kim	Preliminary study of in-house abdominal compression & respiratory guiding system using gas pressure sensor