

Abstract ID	Abstract No.	Title	Language	Presentation type	Date	Start	End	Location
20000	O-067	T2 relaxation time measurement of the lumbar spine at 3T MRI with different protocols	English	Oral	2020/4/10	9:40	10:50	Conference Center 418
20001	IS-040	Four-dimensional Magnetic Resonance Fingerprinting: A Feasibility Study	English	Oral	2020/4/9	16:20	17:00	Conference Center 502
20002	IS-084	Estimation of patient doses from medical radioisotope ⁶⁴ Cu by using PHITS code with voxel phantom JM and JF	English	Oral	2020/4/10	17:30	18:10	Conference Center 501
20003	IS-037	Pretreatment Prediction of Adaptive Radiation Therapy Eligibility Using MRI-Based Radiomics for Advanced Nasopharyngeal Carcinoma Patients	English	Oral	2020/4/9	15:35	16:15	Conference Center 502
20004	O-058	A comprehensive analysis on dosimetric inefficacy of non tissue equivalent dosimeters for in vivo dosimetry in external beam radiotherapy	English	Oral	2020/4/9	15:10	16:00	Conference Center 419
20005	IS-060	Hippocampal sparing radiotherapy for brain metastasis patients: a plan comparison study of VMAT and 3DCRT	English	Oral	2020/4/10	10:50	11:50	Conference Center 501
20006	O-016	Maintenance of standard work practice for Quality Assurance Program (QAP) in Radiotherapy-Institutional Experiences	English	Oral	2020/4/9	15:00	15:50	Conference Center 416+417
20007	IS-033	Brain Tumour Detection from MRI Image Using MATLAB	English	Oral	2020/4/9	14:45	15:25	Conference Center 502
20008	O-077	Design and Development of Automatic Wireless Wearable Health Monitoring System Using Temperature Sensor and Pulse Sensor in Hospital for Patients	English	Oral	2020/4/10	10:00	10:20	Conference Center 419
20010	IS-130	Delivery Quality Assurance of Tomotherapy HDA TM using the ArcCHECK cylindrical diode array with EBT3 film correlation.	English	Oral	2020/4/12	8:00	9:10	Conference Center 501
20011	O-066	A modified self-initiated active contour model for statistical abnormality detection from the left ventricle of cardiac MRI	English	Oral	2020/4/10	9:40	10:50	Conference Center 418
20012	IS-041	Geometric solution bSSFP MRI corrects susceptibility and motion artifacts in a water phantom and humans	English	Oral	2020/4/9	16:20	17:00	Conference Center 502
20013	IS-056	Dosimetric verification of reference AKR for HDR afterloading units with Ir-192 and Co-60 photon sources: Comparison of different international protocols.	English	Oral	2020/4/10	10:10	10:50	Conference Center 501
20014	IS-036	A radiomics-based prediction of five-year survival probabilities of head-and-neck cancer patients	English	Oral	2020/4/9	15:35	16:15	Conference Center 502
20015	IS-137	Investigation of radiophotoluminescent glass dosimeter for output factor measurement	English	Oral	2020/4/12	9:10	10:00	Conference Center 501
20016	O-004	Automatic determination to image quality for ACR mammography phantom using machine learning	English	Oral	2020/4/9	13:00	14:00	Conference Center 416+417
20017	O-059	Stereotactic Body Radiotherapy for Localized Peripheral Lung Tumor with Deep Inspiration Breath Holds Technique.	English	Oral	2020/4/9	15:10	16:00	Conference Center 419
20018	IS-131	Monte Carlo Simulation of Elliptical Beam with Gaussian Distribution for Monoenergetic and Spectrum Photon Beam Using Elekta Synergy Linear Accelerator	English	Oral	2020/4/12	8:00	9:10	Conference Center 501
20019	O-078	Medical Physics in Nepal: Present Status and Challenges	English	Oral	2020/4/10	10:00	10:20	Conference Center 419
20020	IS-133	Dosimetric Study of Mono Energetic Photon Beam of Varian 2100EX Linear Accelerator and Comparison with Measurement:A Monte Carlo Study	English	Oral	2020/4/12	8:00	9:10	Conference Center 501
20021	IS-058	A dosimetric comparison between two applicators used for brachytherapy in cervical carcinoma a single-institute prospective study.	English	Oral	2020/4/10	10:10	10:50	Conference Center 501
20022	O-006	Effect of mobile phone radiation on brain tissue by using the non invasive brain sensors and artificial neural networks	English	Oral	2020/4/9	13:00	14:00	Conference Center 416+417
20023	IS-132	Fine-tuning of Davao Doctors Hospital's Elekta MLCi at 6 MV and 10 MV using PRIMO Monte Carlo software	English	Oral	2020/4/12	8:00	9:10	Conference Center 501
20024	O-084	The influence of inhomogeneity correction factors on photon beam quality index performed with the Anisotropic Analytical Algorithm	English	Oral	2020/4/11	13:00	14:00	Conference Center 418
20025	O-070	Generation of an infallible enterprise MRI safety policy and training framework	English	Oral	2020/4/10	9:40	10:50	Conference Center 418
20026	O-076	Experimental determination of radial function and anisotropy function for cobalt 60 source based high dose rate brachytherapy	English	Oral	2020/4/10	15:10	15:50	Conference Center 418