

The 5th ICRPT

List of accepted abstract

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20000	Factor and scenario analysis based on Bayesian network modeling of radiation-related clinical errors
20001	Investigation into the usefulness of confirming the access route prior to mechanical thrombectomy by using aortic magnetic resonance angiography
20003	Inter-modality comparison of rat carotid blood flow using 4D-flow MRI and doppler ultrasound
20004	The feasibility of using DenseNet for improving low-field MRI acquired at 0.3-0.35 T
20005	Evaluating the impact of deep learning-based image denoising on low-dose CT for lung cancer screening
20006	A bias field correction workflow based on generative adversarial network for abdominal cancers treated with 0.35T MR-LINAC
20007	Comparing single- and multiple-input generative adversarial networks for improving cone beam CT in radiotherapy
20008	Predictive modeling of downtime and interlock events in linear accelerators to enhance operational efficiency
20009	SwinUNETR-based synthesis of contrast-enhanced T1-weighted MRI from multiparametric MRI in post-treatment diffuse glioma
20010	Development of a real-time radon monitoring and sharing application through public participation.
20011	Development of a device for monitoring and measuring radiation leakage inside and outside a nuclear medicine department
20012	Evaluation of the usefulness of attachable folding lead curtains for radiation safety in the NICU environments
20013	Optimizing radiation protection in clinical practice with thickness requirements for lead-free barium sulfate boards in diagnostic radiology
20014	Study on the Usefulness of Modified Posterior-Anterior Chest X-ray Imaging According to Thoracic Kyphosis Cobb's Angle
20015	Foundational Study on the Safety of Mammography in Breast Augmentation Patients: Toward Imaging Guidelines and Implant Damage Risk Assessment
20016	A simple algorithm for generating physical density image using clinical photon-counting computed tomography
20017	Study of lens dose in CT with and without a patient table using adult male and female mesh-type reference computational phantoms
20018	Development of an electronic portal imaging device-based virtual audit framework in radiotherapy
20019	Estimation of optimal image angle for pulmonary blood flow analysis in oblique dynamic chest radiography
20023	Evaluation of bismuth shielding for dose reduction in radiation-sensitive regions and ambient dose in pediatric radiography
20024	Impact of deformable registration on CBCT image quality improvement using diffusion-based generative models
20025	CBCT-to-MR image transformation using a denoising diffusion probabilistic model for brain tumor radiotherapy
20026	Evaluation of deformable image registration accuracy of VoxelMorph
20027	Image quality improvement of dual-source cone-beam computed tomography using a conditional latent diffusion model
20028	Weight-optimized point cloud registration of CTV and OARs for accurate pancreatic radiotherapy alignment
20029	Quantitative X-ray imaging related to effective atomic number with correction of energy distortion for clinical use of photon counting detectors
20030	Deep image prior-based super-resolution and point spread function correction for quantitative improvement in neuro-oncological PET imaging
20032	Comparative dosimetry study of PARaDIM and RTphits with ICRP publication 128: Calculation of organ doses from 18F-FDG radiopharmaceutical
20033	Prediction of preoperative MVI status in HCC patients based on a multiphase MR deep learning model

20034	Quantitative assessment of liver fibrosis: B1 inhomogeneity-corrected variable flip angle T1 mapping on gadobenate dimeglumine-enhanced MRI
20035	2.5D deep learning radiomics based on Gd-EOB-DTPA MRI for predicting recurrence-free survival after curative resection of hepatocellular carcinoma
20038	Visualization of internal dose distribution by precise experimental approach with consideration of X-ray incident direction during helical CT examination
20041	Development of an ultrahigh-resolution PET with 3-layer DOI detectors for mouse brain imaging
20042	Scripting and knowledge-based automated planning for whole-brain radiotherapy with hippocampal sparing
20043	MIDoC-Fil: A model-based internal dose calculator for Filipinos
20044	Monte Carlo-based multiple dose-voxel kernel framework for personalized voxel dosimetry in ¹⁷⁷ Lu peptide receptor radionuclide therapy
20045	Usefulness of non-respiratory-gated 4D-CT for irregular breathing patterns in estimation of internal target volume
20046	Single conditional diffusion model for cross-plane enhancement of 2D cine MR images toward T2-weighted quality in MR-guided adaptive radiotherapy
20047	Quantitative assessment of pulmonary function in COPD with phase-resolved functional lung MRI
20048	Preoperative visceral adipose accumulation and skeletal muscle density reduction predict adverse outcomes in kidney transplantation: A prospective cohort study
20049	High-resolution zero echo time imaging with 7T MRI: a radiation-free alternative for preoperative assessment of talus osteochondral lesions compared to CT
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20094	The role of physiotherapy in managing post-mastectomy complications among breast cancer patients after radiotherapy: Findings from a pilot study
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20098	Prevalence of Breast Cancer Detection and Abnormal Characteristics in an Asymptomatic Screening Mammography, a tertiary hospital experience.
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