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	<sup>18</sup> F-fluorodeoxyglucose positron emission tomography for evaluation of thymic epithelial tumors: utility for World Health Organization classification and predicting recurrence-free survival	Norio Seki	Dokkyo Medical University, Japan	28	3	257-262
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	<sup>18</sup> F-FDG-PET/CT in assessing response to neoadjuvant chemoradiotherapy for potentially resectable locally advanced esophageal cancer	Ur Metser	University of Toronto, Canada	28	4	295-303
	<sup>18</sup> F-FDG PET as a single imaging modality in pediatric neuroblastoma: comparison with abdomen CT and bone scintigraphy	Yun Jung Choi	Yonsei University College of Medicine, Korea	28	4	304-313
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Detailed assessment of gene activation levels by multiple hypoxia-responsive elements under various hypoxic conditions	Yasuto Takeuchi	National Institute of Radiological Sciences, Japan	28	10	1011-1019
Evaluation of normality and reproducibility parameters of scintigraphy with <sup>99m</sup> Tc-MAA in the diagnosis of intrapulmonary vascular dilatations	Andréa Simone Siqueira de Queirós	Universidade Federal de Pernambuco, Brazil	29	1	46-51
Feasibility and performance of lymphoscintigraphy in sentinel lymph node biopsy for early cervical cancer: results of the prospective multicenter SENTICOL study	Anne-Sophie Bats	Hôpital Européen Georges-Pompidou, France	29	1	63-70
Grading obstructive lung disease using tomographic pulmonary scintigraphy in patients with chronic obstructive pulmonary disease (COPD) and long-term smokers	Marika Bajc	Skåne University Hospital and Lund University, Sweden	29	1	91-99
Assessment of human effective absorbed dose of <sup>67</sup> Ga-ECC based on biodistribution rat data	Saeed Shanehsazzadeh	Nuclear Science and Technology Research Institute (NSTRI), Iran	29	2	118-124
Diagnostic performance of bone scintigraphy analyzed by three artificial neural network systems	Shoichi Kikushima	Tokyo Medical University Ibaraki Medical Center, Japan	29	2	125-131
Evaluation of a computer-assisted diagnosis system, BONENAVI version 2, for bone scintigraphy in cancer patients in a routine clinical setting	Mitsuru Koizumi	Cancer Institute Hospital, Japan	29	2	138-148
Axillary lymph node staging in breast cancer: clinical value of single photon emission computed tomography-computed tomography (SPECT-CT) with <sup>99m</sup> Tc-methoxyisobutylisonitrite	Sergey Nikolaevich Novikov	N.N. Petrov Institute Oncology, Russia	29	2	177-183
Optimization of attenuation and scatter corrections in sentinel lymph node scintigraphy using SPECT/CT systems	Hiroto Yoneyama	Kanazawa University Hospital, Japan	29	3	248-255
Clinical application of ultrasound for preparation of <sup>99m</sup> Tc-sestamibi complex	Alireza Doroudi	Ahvaz Jundishapur University of Medical Sciences, Iran	29	3	295-301
Diagnostic efficacy of parametric clearance images in detection of renal scars in children with recurrent urinary tract infections	Jacek Kuśmierk	Poland Medical University, Poland	29	3	313-318

	Comparison of glomerular filtration rate measurements with two plasma and single plasma sample methods in renal transplant cases with stable renal graft functions	Ali Ozan Oner	Akdeniz University School of Medicine, Turkey	29	4	359-365
	<sup>99m</sup> Tc-3PRGD <sub>2</sub> SPECT/CT predicts the outcome of advanced nonsquamous non-small cell lung cancer receiving chemoradiotherapy plus bevacizumab	Qingjie Ma	China-Japan Union Hospital of Jilin University, China	29	6	519-527
	Ventilation/perfusion SPECT or SPECT/CT for lung function imaging in patients with pulmonary emphysema?	Vera Froeling	Charité, Universitätsmedizin Berlin, Campus Virchow-Klinikum, Germany	29	6	528-534
	Prognostic value of semi-quantitative tumor uptake on Tc-99m sestamibi breast-specific gamma imaging in invasive ductal breast cancer	Hai-Jeon Yoon	Ewha Womans University, Korea	29	7	553-560
	Evaluation of a revised version of computer-assisted diagnosis system, BONENAVI version 2.1.7, for bone scintigraphy in cancer patients	Mitsuru Koizumi	Cancer Institute Hospital, Japan	29	8	659-665
	Diagnostic value of Thallium-201 scintigraphy in differentiating malignant bone tumors from benign bone lesions	Ryota Inai	Okayama University Hospital, Japan	29	8	674-681
	Development of a <sup>99m</sup> Tc-labeled lactam bridge-cyclized alpha-MSH derivative peptide as a possible single photon imaging agent for melanoma tumors	Danial Shamshirian	Teheran University of Medical Sciences, Iran	29	8	709-720
	Comparison of estimated human dose of <sup>68</sup> Ga-MAA with <sup>99m</sup> Tc-MAA based on rat data	Saeed Shanehsazzadeh	Nuclear Science and Technology Research Institute (NSTRI), Iran	29	8	745-753
	Synthesis and evaluation of Tc-99m-labeled RRL-containing peptide as a non-invasive tumor imaging agent in a mouse fibrosarcoma model	Dae-Weung Kim	Wonkwang University School of Medicine, Korea	29	9	779-785
	Carbon-14 urea breath test: does it work in patients with partial gastric resection?	Fuat Dede	Marmara University School of Medicine, Turkey	29	9	786-791
	Phase I clinical trial of <sup>99m</sup> Tc-etarfolatide, an imaging agent for folate receptor in healthy Japanese adults	Yoshinori Yamada	Kitazato University Kitazato Institute Hospital, Japan	29	9	792-798
	Correction of differential renal function for asymmetric renal area ratio in unilateral hydronephrosis	Gul Ege Aktaş	Trakya University Medical Faculty, Turkey	29	9	816-824
	Evaluation of bone scan index change over time on automated calculation in bone scintigraphy	Rini Shintawati	Gunma University Graduate School of Medicine, Japan	29	10	911-920
	Comparison of ultrasonography features and malignancy rate of toxic and nontoxic autonomous nodules: a preliminary study	Ahmet Dirikoc	Ankara Yildirim Beyazit University, Turkey	29	10	883-889
<b>Technology /Physics</b>	An animal PET scanner using flat-panel position-sensitive PMTs	Takashi Okamoto	Hamamatsu Photonics K.K, Japan	28	1	74-80
	Bootstrap methods for estimating PET image noise: experimental validation and an application to evaluation of image reconstruction algorithms	Masanobu Ibaraki	Akita Research Institute of Brain and Blood Vessels, Japan	28	2	172-182
	Development of a high-resolution YSO gamma camera system that employs 0.8-mm pixels	Seiichi Yamamoto	Nagoya University Graduate School of Medicine, Japan	28	3	232-240
	Performance measurement of PSF modeling reconstruction (True X) on Siemens Biograph TruePoint TrueV PET/CT	Young Sub Lee	Korea Institute Radiological and Medical Sciences, Korea	28	4	340-348
	Modulation transfer function assessment in parallel beam and fan beam collimators with square and cylindrical holes	Abdollah Khorshidi	Islamic Azad University, Iran	28	4	363-370
	Performance evaluation of the eXplore speCZT preclinical imaging system	Ichiro Matsunari	The Medical and Pharmacological Research Center Foundation, Japan	28	5	484-497
	Altered biodistribution of FDG in patients with type-2 diabetes mellitus	Mehmet A. Ozguven	Gu 'lhane Military Medical Academy and School of Medicine, Turkey	28	6	505-511
	Effect of surrounding materials on iterative reconstruction-based line-source response function, and annihilations outside the source assessed by a small animal PET scanner	Yoshiharu Miyazaki	The Medical and Pharmacological Research Center Foundation, Japan	28	6	512-522
	The effect of metal artefact reduction on CT-based attenuation correction for PET imaging in the vicinity of metallic hip implants: a phantom study	Roy Harnish	University of California, USA	28	6	540-550

	Derivation of attenuation map for attenuation correction of PET data in the presence of nanoparticulate contrast agents using spectral CT imaging	Hossein Ghadiri	Tehran University of Medical Sciences, Iran	28	6	559-570
	Simulation study on a stationary data acquisition SPECT system with multi-pinhole collimators attached to a triple-head gamma camera system	Koichi Ogawa	Hosei University, Japan	28	8	716-724
	Accuracy of amplitude-based respiratory gating for PET/CT in irregular respirations	Yuji Tsutsui	Kyushu University Hospital	28	8	770-779
	Analytical functions for beta and gamma absorbed fractions of iodine-131 in spherical and ellipsoidal volumes	Ali Asghar Mowlavi	Hakim Sabzevari University, Iran	28	8	824-828
	Evaluation of a direct 4D reconstruction method using generalised linear least squares for estimating nonlinear micro-parametric maps	Georgios I. Angelis	The University of Sydney, Sydney	28	9	860-873
	Ultrahigh-resolution Cerenkov-light imaging system for positron radionuclides: potential applications and limitations	Seiichi Yamamoto	Nagoya University Graduate School of Medicine, Japan	28	10	961-969
	Improvement in PET/CT image quality in overweight patients with PSF and TOF	Takafumi Taniguchi	Graduate School of Medical Science, Kyusyu University, Japan	29	1	71-77
	Distribution of residual long-lived radioactivity in the inner concrete walls of a compact medical cyclotron vault room	Toshioh Fujibuchi	Kyushu University Graduate School of Medical Science, Japan	29	1	84-90
	Assessing margin expansions of internal target volumes in 3D and 4D PET: a phantom study	Shyam S. Jani	David Geffen School of Medicine, University of California, US	29	1	100-109
	Size measurement of the thyroid gland on a magnified pinhole thyroid scan using an ultrasonic device measuring distance from the pinhole to the thyroid gland	Byeong-Cheol Ahn	Kyungpook National University School of Medicine, Korea	29	2	111-117
	Monitoring of positron using high-energy gamma camera for proton therapy	Seiichi Yamamoto	Nagoya Univesity Graduate School of Medicine, Japan	29	3	268-275
	A performance comparison of novel cadmium–zinc–telluride camera and conventional SPECT/CT using anthropomorphic torso phantom and water bags to simulate soft tissue and breast attenuation	Chia-Ju Liu	National Taiwan University Hospital, Taiwan	29	4	342-350
	A novel respiratory gating method for oncologic positron emission tomography based on bioimpedance approach	Tuomas Koivumäki	Kuopio University Hospital, Finland	29	4	351-358
	Performance characteristics of a novel clustered multi-pinhole technology for simultaneous high-resolution SPECT/PET	Kenta Miwa	National Institute of Radiological Sciences, Japan	29	5	460-466
	Usefulness of the Chang attenuation correction method with use of a CT-based $\mu$ map by FBP reconstruction in $^{203}\text{Tl}$ SPECT-MPI	Yuya Nakamura	Kumamoto University Hospital, Japan	29	5	467-473
	Image accuracy and quality test in rate constant depending on reconstruction algorithms with and without incorporating PSF and TOF in PET imaging	Yukito Maeda	Kagawa University	29	7	561-569
	Optimization of iterative reconstruction parameters with 3-dimensional resolution recovery, scatter and attenuation correction in $^{123}\text{I}$ -FP-CIT SPECT	Norikazu Matsutomo	Kurashiki Central Hospital, Japan	29	7	636-642
	High-resolution brain SPECT imaging by combination of parallel and tilted detector heads	Atsuro Suzuki	Hitachi, Ltd., Japan	29	8	682-696
<b>Radiopharmacy</b>	Evaluation of the bubble point test of a 0.22- $\mu\text{m}$ membrane filter used for the sterilizing filtration of PET radiopharmaceuticals	Kazutaka Hayashi	Oita University Faculty of Medicine, Japan	28	6	586-592
	Synthesis, characterization and in vivo evaluation of [ $^{62}\text{Zn}$ ]-benzo- $\delta$ -sultam complex as a possible pet imaging agent	Mehdi Ghandi	Nuclear Science and Technology Research Institute (NSTRI), Iran	28	9	880-890
	Radiosynthesis and in vivo evaluation of two imidazopyridineacetamides, [ $^{11}\text{C}$ ]CB184 and [ $^{11}\text{C}$ ]CB190, as a PET tracer for 18 kDa translocator protein: direct comparison with [ $^{11}\text{C}$ ](R)-PK11195	Kentaro Hatano	University of Tsukuba, Japan	29	4	325-335
	Estimated human absorbed dose for $^{68}\text{Ga}$ -ECC based on mice data: comparison with $^{67}\text{Ga}$ -ECC	Saeed Shanehsazzadeh	Nuclear Science and Technology Research Institute (NSTRI), Iran	29	6	475-481

	Optimized production and quality control of $^{68}\text{Ga}$ -EDTMP for small clinical trials	Alireza Mirzaei	Nuclear Science and Technology Research Institute, Iran	29	6	506-511
	Relationship between biodistribution of a novel thymidine phosphorylase (TP) imaging probe and TP expression levels in normal mice	Songji Zhao	Hokkaido University Graduate School of Medicine, Japan	29	7	582-587
<b>Radioisotope Therapy</b>	Strontium-89 for prostate cancer with bone metastases: the potential of cancer control and improvement of overall survival	Isao Kuroda	Ibaraki Medical Centre, Tokyo Medical University, Japan	28	1	11-16
	p53 antibody: is it an indicator of dedifferentiated thyroid cancer?	Zekiye Hasbek	Cumhuriyet University School of Medicine, Turkey	28	1	42-46
	Lung uptake on I-131 therapy and short-term outcome in patients with lung metastasis from differentiated thyroid cancer	Shozo Okamoto	Hokkaido University Graduate School of Medicine, Japan	28	2	81-87
	$^{89}\text{Sr}$ bremsstrahlung single photon emission computed tomography using a gamma camera for bone metastases	Seiichiro Ota	Fujita Health University School of Medicine, Japan	28	2	112-119
	Radiation safety of outpatient $^{177}\text{Lu}$ -octreotate radiolabeled therapy of neuroendocrine tumors	Phillipe J. Calais	The University of Western Australia, Australia	28	6	531-539
	Application of a medium-energy collimator for I-131 imaging after ablation treatment of differentiated thyroid cancer	Masato Kobayashi	Kanazawa University, Japan	28	6	551-558
	Optimal radiation shielding for beta and bremsstrahlung radiation emitted by $^{89}\text{Sr}$ and $^{90}\text{Y}$ : validation by empirical approach and Monte Carlo simulations	Taisuke Murata	Cancer Institute Hospital of Japanese Foundation for Cancer Research, Japan	28	7	617-622
	Predictive role of nontumoral sodium iodide symporter activity and preoperative thyroid characteristics in remission process of thyroid cancer patients	Nilufer Yildirim-Poyraz	Ankara Atatürk Research and Training Hospital, Turkey	28	7	623-631
	Time efficient $^{124}\text{I}$ -PET volumetry in benign thyroid disorders by automatic isocontour procedures: mathematic adjustment using manual contoured measurements in low-dose CT	Martin Freesmeyer	Jena University Hospital, Germany	29	1	8-14
	$^{188}\text{Re}$ -HYNIC-trastuzumab enhances the effect of apoptosis induced by trastuzumab in HER2-overexpressing breast cancer cells	Tsai-Yueh Luo	Institute of Nuclear Energy Research, Taiwan	29	1	52-62
	Serum thyroglobulin level after radioiodine therapy (Day 3) to predict successful ablation of thyroid remnant in postoperative thyroid cancer	Yong-il Kim	Seoul National University College of Medicine,	29	2	184-189
	Clinical significance of diffuse hepatic uptake on post-therapeutic early and delayed $^{131}\text{I}$ scan in differentiated thyroid cancer: a preliminary report	Jeong Won Lee	Soonchunhyang University Hospital, Korea	29	2	190-197
	Prognostic factors for prediction of survival of hepatocellular cancer patients after selective internal radiation therapy	Cigdem Soydal	Ankara University Medical Faculty, Turkey	29	5	426-430
	Prediction of treatment response to $^{131}\text{I}$ therapy by diffuse hepatic uptake intensity on post-therapy whole-body scan in patients with distant metastases of differentiated thyroid cancer	Sungmin Jun	Koshin University College of Medicine, Korea	29	7	603-612
	Concurrent use of strontium-89 with external beam radiotherapy for multiple bone metastases: early experience	Joichi Heianna	Ryukyus University of Medicine, Japan	29	10	848-853
Preparation, quality control and biodistribution assessment of $^{153}\text{Sm}$ -BPAMD as a novel agent for bone pain palliation therapy	Ali Rabie	Amir Kabir University of Technology, Iran	29	10	870-876	