

Tadamura, E., Iida, H., Matsumoto, K., Mamede, M., Kubo, S., Toyoda, H., Shiozaki, T., Mukai, T., Magata, Y., Konishi, J.: Comparison of myocardial blood flow during dobutamine-atropine infusion with that after dipyridamole administration in normal men. *Journal of the American College Cardiology*, 37(1), 130-136, 2001,1.

Lewis, J., Laforest, R., Buettner, T., Song, S., Fujibayashi, Y., Connett, J., Welch, M.: Copper-64-diacetyl-bis(N4-methylthiosemicarbazone): An agent for radiotherapy. *Proceedings of National Academy of Science of the United States of America*, 98(3), 1206-1211, 2001,1.

出村芳樹, 水野史朗, 若林聖伸, 戸谷嘉孝, 岡村誠太郎, 飴島慎吾, 石崎武志, 宮森 勇, 伊藤春海, 米倉義晴: FDG-PET が診断に有用であった胸部X線陰性限局型肺小細胞癌の一例. *日本呼吸器学会雑誌*, 39(1), 45-49, 2001,1.

Kataoka, K., Nohara, R., Hosokawa, R., Hirai, T., Okuda, K., Li-Guang, C., Fujibayashi, Y., Fujita, M., Konishi, J., Sasayama, S.: Myocardial lipid metabolism in compensated and advanced stages of heart failure: evaluation by canine pacing model with BMIPP. *The Journal of Nuclear Medicine*, 42(1), 124-129, 2001,1.

Yoshimoto, M., Waki, A., Yonekura, Y., Sadato, N., Murata, T., Omata, N., Takahashi, N., Welch, M.J., Fujibayashi, Y.: Characterization of acetate metabolism in tumor cells in relation to cell proliferation: Acetate metabolism in tumor cells. *Nuclear Medicine Biology*, 28(2), 117-122, 2001,2.

Nakano, A., Lee, J-D., Shimizu, H., Tsubokawa, A., Uzui, H., Tsuchida, T., Takahashi, N., Yonekura, Y., Ueda, T.: Clinical significance of reverse redistribution on resting thallium-201 imaging in patients with vasospastic angina. *Annals of Nuclear Medicine*, 15(1), 65-68, 2001,2.

Kitano, H., Magata, Y., Tanaka, A., Mukai, T., Kuge, Y., Nagatsu, K., Konishi, J., Saji, H.: Performance assessment of O-18 water purifier. *Annals of Nuclear Medicine*, 15(1), 75-78, 2001,2.

Maruoka, N., Murata, T., Omata, N., Fujibayashi, Y., Waki, A., Yoshimoto,

M., Yano, R., Yonekura, Y., Wada, Y.: Greater resistance and lower contribution of free radicals to hypoxic neurotoxicity in immature rat brain compared to adult brain as revealed by dynamic changes in glucose metabolism. *Developments in Neuroscience*, 23(6), 412-419, 2001,2.

Waki, A., Yano, R., Yoshimoto, M., Sadato, N., Yonekura, Y., Fujibayashi, Y.: Dynamic changes in glucose metabolism accompanying the expression of the neural phenotype after differentiation in PC12 cells. *Brain Research*, 894(1), 88-94, 2001,3.

Omata, N., Murata, T., Fujibayashi, Y., Waki, A., Sadato, N., Yoshimoto, M., Wada, Y., Yonekura, Y.: Age-related changes in energy production in fresh senescence-accelerated mouse brain slices as revealed by positron autoradiography. *Dementia and Geriatric Cognitive Disorders*, 12(2), 78-84, 2001,3.

Iidaka, T., Sadato, N., Yamada, H., Murata, T., Omori, M., Yonekura, Y.: An fMRI study of the functional neuroanatomy of picture encoding in younger and older adults. *Cognitive Brain Research*, 11(1), 1-11, 2001,3.

Imaizumi, S., Hosoi, H., Sakaguchi, T., Watanabe, Y., Sadato, N., Nakamura, S., Waki, A., Yonekura, Y.: Ultrasound activates the auditory cortex of profoundly deaf subjects. *Neuroreport*, 12(3), 583-586, 2001,3.

Haruta, S., Kawai, K., Jinnouchi, S., Ogawara, K.I., Higaki, K., Tamura, S., Arimori, K., Kimura, T.: Evaluation of absorption kinetics of orally administered theophylline in rats based on gastrointestinal transit monitoring by gamma scintigraphy. *Journal of Pharmaceutical Sciences*, 90(4), 464-473, 2001,4

Lewis, J.S., Sharp, T.L., Laforest, R., Fujibayashi, Y., Welch, M.J.: Tumor uptake of copper-diacetyl-bis(n(4)-methylthiosemicarbazone): effect of changes in tissue oxygenation. *The Journal of Nuclear Medicine*, 42(4), 655-661, 2001,4.

Yamamoto, T., Nishizawa, S., Maruyama, I., Yoshida, M., Tsuchida, T., Waki,

A., Fujibayashi, Y., Kubota, T., Yonekura, Y., Itoh, H.: Acute effects of stereotactic radiosurgery on the kinetics of glucose metabolism in metastatic brain tumors: FDG PET study. *Annals of Nuclear Medicine*, 15(2), 103-109, 2001,4.

Kado, H., Iida, H., Kimura, H., Ogawa, T., Narita, Y., Hatazawa, J., Tsuchida, T., Yonekura, Y., Itoh, H.: Brain perfusion SPECT study with ^{99m}Tc-bicisate: clinical pitfalls and improved diagnostic accuracy with a combination of linearization and scatter-attenuation correction. *Annals of Nuclear Medicine*, 15(2), 123-129, 2001,4.

Kado, H., Kimura, H., Tsuchida, T., Yonekura, Y., Tokime, T., Tokuriki, Y., Itoh, H.: Abnormal magnetization transfer ratios in normal-appearing white matter on conventional MR images of patients with occlusive cerebrovascular disease. *American Journal of Neuroradiology*, 22(5), 922-927, 2001,5.

Hirano, S., Kojima, H., Naito, Y., Tateya, I., Shoji, K., Kaneko, K., Inoue, M., Nishizawa, S., Konishi, J.: Cortical dysfunction of the supplementary motor area in a spasmodic dysphonia patient. *American Journal of Otolaryngology*, 22(3), 219-222, 2001,5.

出村芳樹, 藤田匡邦, 水野史朗, 若林聖伸, 戸谷嘉孝, 飴島慎吾, 宮森 勇, 石崎武志, 佐々木正人, 米倉義晴: 肺癌に合併した胸腔外悪性腫瘍の検出に対する全身 FDG-PET の有用性. *肺癌*, 41(3), 201-205, 2001,6.

Takahashi, N., Fujibayashi, Y., Yonekura, Y., Welch, M.J., Waki, A., Tsuchida, T., Sadato, N., Sugimoto, K., Nakano, A., Lee, J-D., Itoh, H.: Copper-62ATSM as a hypoxic tissue tracer in myocardial ischemia. *Annals of Nuclear Medicine*, 15(3), 293-296, 2001,6.

Hanakawa, T., Ikeda, A., Sadato, N., Okada, T., Fukuyama, H., Nagamine, T., Honda, M., Sawamoto, N., Yazawa, S., Kunieda, T., Ohara, S., Taki, W., Hashimoto, N., Yonekura, Y., Konishi, J., Shibasaki, H.: Functional mapping of human medial frontal motor areas. The combined use of functional magnetic resonance imaging and cortical stimulation. *Experimental Brain Research*,

138(4), 403-409, 2001,6.

Nishizawa, S., Kuwabara, H., Ueno, M., Shimono, T., Toyoda, H., Konishi, J.: Double-injection FDG method to measure cerebral glucose metabolism twice in a single procedure. *Annals of Nuclear Medicine*, 15(3), 203-207, 2001,6.

Ueno, M., Nishizawa, S., Toyoda, H., Shimono, T., Miyamoto, S., Hashimoto, N., Konishi, J.: Assessment of cerebral hemodynamics before and after revascularization in patients with occlusive cerebrovascular disease by means of quantitative IMP-SPECT with double-injection protocol. *Annals of Nuclear Medicine*, 15(3), 209-215, 2001,6.

Tagashira, M., Tanaka, A., Hisatani, K., Isogai, Y., Hori, M., Takamatsu, S., Fujibayashi, Y., Yamamoto, K., Haneda, K., Inazu, T., Toma, K.: Effect of carbohydrate structure on biological activity of artificially N-glycosylated eel calcitonin. *Glycoconjugate Journal*, 18(6), 449-455, 2001,6.

Tagashira, M., Iijima, H., Isogai, Y., Hori, M., Takamatsu, S., Fujibayashi, Y., Yoshizawa-Kumagaye, K., Isaka, S., Nakajima, K., Yamamoto, T., Teshima, T., Toma, K.: Site-dependent effect of O-glycosylation on the conformation and biological activity of calcitonin. *Biochemistry*, 40(37), 11090-11095, 2001,9.

Oyama, N., Akino, H., Suzuki, Y., Kanamaru, H., Ishida, H., Tanase, K., Sadato, N., Yonekura, Y., Okada, K.: FDG PET for evaluating the change of glucose metabolism in prostate cancer after androgen ablation. *Nuclear Medicine Communication*, 22(9), 963-969, 2001,9.

Sugihara, H., Yonekura, Y., Kataoka, K., Fukai, D., Kitamura, N., Taniguchi, Y.: Estimation of coronary flow reserve with the use of dynamic planar and SPECT images of Tc-99m tetrofosmin. *Journal of Nuclear Cardiology*, 8(5), 575-579, 2001,9.

Narumoto, J., Okada, T., Sadato, N., Fukui, K., Yonekura, Y.: Attention

to emotion modulates fMRI activity in human right superior temporal sulcus. *Cognitive Brain Research*, 12(2), 225-231, 2001,10.

Tsuchida, T., Sadato, N., Yonekura, Y., Sugimoto, K., Nakano, A., Lee, J-D., Takahashi, N., Waki, A., Ishii, Y., Itoh, H.: Myocardial FDG-PET examination during fasting and glucose loading states by means of a one-day protocol. *Annals of Nuclear Medicine*, 15(5), 433-438, 2001,10.

Hosokawa, R., Nohara, R., Fujibayashi, Y., Hirai, T., Fujita, M., Magata, Y., Tadamura, E., Konishi, J., Sasayama, S.: Myocardial metabolism of ¹²³I-BMIPP during low-flow ischaemia in an experimental model: comparison with myocardial blood flow and ¹⁸F-FDG. *European Journal of Nuclear Medicine*, 28(11), 1630-1639, 2001,11.

Sato, N., Kobayashi, H., Saga, T., Nakamoto, Y., Ishimori, T., Togashi, K., Fujibayashi, Y., Konishi, J., Brechbiel, M-W.: Tumor Targeting and Imaging of Intraperitoneal Tumors by Use of Antisense Oligo-DNA Complexed with Dendrimers and/or Avidin in Mice. *Clinical Cancer Research*, 7(11), 3606-3612, 2001,11.

Kawai, N., Honda, M., Nakamura, S., Samatra, P., Sukardika, K., Nakatani, Y., Shimojo, N., Oohashi, T.: Catecholamines and opioid peptides increase in plasma in humans during possession trances. *Neuroreport*, 12(16), 3419-3423, 2001,11.

Uematsu, H., Maeda, M., Sadato, N., Matsuda, T., Ishimori, Y., Koshimoto, Y., Kimura, H., Yamada, H., Kawamura, Y., Yonekura, Y., Itoh, H.: Blood volume of gliomas determined by double-echo dynamic perfusion-weighted MR imaging: a preliminary study. *American Journal of Neuroradiology*, 22(10), 1915-1919, 2001,11.

Iidaka, T., Omori, M., Murata, T., Kosaka, H., Yonekura, Y., Okada, T., Sadato, N.: Neural interaction of the amygdala with the prefrontal and temporal cortices in the processing of facial expressions as revealed by fMRI. *Journal of Cognitive Neuroscience*, 13(8), 1035-1047, 2001,11.

長町茂樹, 陣之内正史, 西井龍一, 二見繁美, 田村正三, 松崎泰憲, 鬼塚敏男, 川井恵一: 孤立性肺結節における ^{201}Tl -SPECT の診断能の再検討-生検腫瘍マーカー検査との比較-. 核医学, 38(6), 737-745, 2001,11.

Nagamachi, S., Jinnouchi, S., Nabeshima, K., Nishii, R., Flores, L.2nd, Kodama, T., Kawai, K., Tamura, S., Yokogami, K., Samejima, T., Wakisaka, S.: The correlation between $^{99\text{m}}\text{Tc}$ -MIBI uptake and MIB-1 as a nuclear proliferation marker in glioma--a comparative study with ^{201}Tl . Neuroradiology, 43(12), 1023-1030, 2001,12.

Obata, A., Yoshimi, E., Waki, A., Lewis, J.S., Oyama, N., Welch, M.J., Saji, H., Yonekura, Y., Fujibayashi, Y.: Retention mechanism of hypoxia selective nuclear imaging/radiotherapeutic agent Cu-diacetyl-bis(N4-methylthiosemicarbazone) (Cu-ATSM) in tumor cells. Annals of Nuclear Medicine, 15(6), 499-504, 2001,12.