

## 2013年業績（2012年10月～2013年9月）

1. Yamashita K, Yoshiura T, Hiwatashi A, Kamano H, Honda H Ultrashort echo time imaging of middle ear ossicles: a feasibility study. *Dentomaxillofac Radiol* 41(7):601-604 Oct., 2012
2. Takayama Y, Nishie A, Asayama Y, Ishigami K, Kakihara D, Nakayama T, Yoshiura T, Obara M, Hirakawa M, Honda H Image quality of Gd-EOB-DTPA magnetic resonance imaging of the liver using dual-source parallel radiofrequency transmission technology: comparison with the post-processing correction for B1 inhomogeneity-induced signal loss. *Eur J Radiol* 81(11):3035-3040 Nov., 2012
3. Murayama K, Nakao T, Sanematsu H, Okada K, Yoshiura T, Tomita M, Masuda Y, Isomura K, Nakagawa A, Kanba S Differential neural network of checking versus washing symptoms in obsessive-compulsive disorder. *Prog Neuropsychopharmacol Biol Psychiatry* 40:160-166 Jan., 2013
4. Yamashita K, Yoshiura T, Hiwatashi A, Togao O, Yoshimoto k, Suzuki SO, Abe K, Kikuchi K, Maruoka Y, Mizoguchi M, Iwaki T, Honda H Differentiating primary central nervous system lymphoma from glioblastoma multiforme: assessment using arterial spin labeling, diffusion weighted imaging, and 18F-fluorodeoxyglucose positron emission tomography. *Neuroradiology* 55(2):135-143 Feb., 2013
5. Kamano H, Yoshiura T, Hiwatashi A, Abe K, Togao O, Yamashita K, Honda H Arterial spin labeling in patients with chronic cerebral artery steno-occlusive disease: correlation with (15)O-PET. *Acta Radiol* 54(1):99-106 Feb., 2013
6. Tokunaga C, Arimura H, Yoshiura T, Ohara T, Yamashita Y, Kobayashi K, Magome T, Nakamura Y, Honda H, Hirata H, Ohki M, Toyofuku H Automated measurement of three-dimensional cerebral cortical thickness in Alzheimer's patients using localized gradient vector trajectory in fuzzy membership maps. *J Biomed Sci Eng* 6(3A):327-336 Mar., 2013
7. Takayama Y, Hatakenaka M, Tsushima H, Okazaki K, Yoshiura T, Yonezawa M, Nishikawa K, Iwamoto Y, Honda H T1ρ is superior to T2 mapping for the evaluation of articular cartilage denaturalization with osteoarthritis: radiological-pathological correlation after total knee arthroplasty. *Eur J Radiol* 82(4):e192-198 Apr., 2013
8. Taniwaki T, Yoshiura T, Ogata K, Togao O, Yamashita K, Kida H, Miura S, Kira JI, Tobimatsu S Disrupted connectivity of motor loops in Parkinson's disease during self-initiated but not externally-triggered movements. *Brain Res* 1512:45-49 May, 2013
9. Nakamura Y, Tokumori K, Tanabe HC, Yoshiura T, Kobayashi K, Nakamura Y, Honda H, Yoshiura K, Goto TK Localization of the primary taste cortex by contrasting passive and attentive conditions. *Exp Brain Res* 227(2):185-197 Jun., 2013

10. Kondo M, Hatakenaka M, Higuchi K, Fujioka T, Shirasaka T, Nakamura Y, Nakamura K, Yoshiura T, Honda H Feasibility of low-radiation-dose CT for abdominal examinations with hybrid iterative reconstruction algorithm: low-contrast phantom study. *Radiol Phys Technol* 6(2):287-292 Jul., 2013
11. Yonezawa M, Nagao M, Abe K, Matsuo Y, Baba S, Kamitani T, Isoda T, Maruoka Y, Jinnouchi M, Yamasaki Y, Abe K, Higo T, Yoshiura T, Honda H Relationship between impaired cardiac sympathetic activity and spatial dissynchrony in patients with non-ischemic heart failure: assessment with MIBG scintigraphy and tagged MRI. *Nucl Cardiol* 20(4):600-608 Aug., 2013
12. Yamashita K, Yoshiura T, Hiwatashi A, Obara M, Togao O, Matsumoto N, Kikuchi K, Honda H High-resolution three-dimensional diffusion-weighted imaging of middle ear cholesteatoma at 3.0 T MRI: usefulness of 3D turbo field-echo with diffusion-sensitized driven-equilibrium preparation (TFE-DSDE) compared to single-shot echo-planar imaging. *Eur J Radiol* 82(9):e471-475 Sep., 2013
13. Hirata H, Hiwatashi A, Yoshiura T, Togao O, Yamashita K, Kamano H, Kikuchi K, Honda H Resolution of epidural hematoma related to osteoporotic fracture after percutaneous vertebroplasty. *World J Radiol* 5(8):325-327 Aug., 2013
14. Tanaka N, Yano Y, Yabuuchi H, Akasaka T, Sasaki M, Ohki M, Morishita J Basic imaging properties of an indirect flat-panel detector system employing irradiation side sampling (ISS) technology for chest radiography: comparison with a computed radiographic system. *Radiol Phys Technol* 6(1):162-169 Jan., 2013
15. Maruoka Y, Nagao M, Abe K, Baba S, Isoda T, Higo T, Sunagawa K, Honda H Quantification of heterogeneity on 201Tl gated SPECT: evaluation of coronary artery disease. *Clin Nucl Med* 38(1):e7-e12 Jan., 2013
16. Kamitani T, Hatakenaka M, Yabuuchi H, Matsuo Y, Fujita N, Jinnouchi M, Nagao M, Shirahane K, Tokunaga E, Honda H Detection of axillary node metastasis using diffusion-weighted MRI in breast cancer. *Clin Imaging* 37(1):56-61 Jan-Feb., 2013
17. Higuchi K, Nagao M, Matsuo Y, Kamitani T, Yonezawa M, Jinnouchi M, Yamasaki Y, Abe K, Baba S, Mukai Y, Higo T, Sunagawa K, Honda H Evaluation of chronic ischemic heart disease with myocardial perfusion and regional contraction analysis by contrast-enhanced 256-MSCT. *Jpn J Radiol* 31(2):123-132 Feb., 2013
18. Higuchi K, Nagao M, Matsuo Y, Sunami S, Kamitani T, Jinnouchi M, Yonezawa M, Yamasaki Y, Yabuuchi H, Hatakenaka M, Honda H Detection of ground-glass opacities by use of hybrid iterative reconstruction (iDose) and low-dose 256-section computed tomography: a phantom study. *Radiol Phys Technol* 6(2):299-304 Jul., 2013
19. Kamitani T, Matsuo Y, Yabuuchi H, Fujita N, Nagao M, Jinnouchi M, Yonezawa M, Yamasaki Y, Tokunaga E, Kubo M, Yamamoto H, Yoshiura T, Honda H Correlations between apparent diffusion coefficient values and prognostic factors of breast cancer. *Magn Reson Med Sci* 12(3):193-199 Sep., 2013

20. Maruoka Y, Abe K, Baba S, Isoda T, Matsuo Y, Kubo Y, Ogawa S, Yano T, Sasaki M, Honda H A case of pulmonary choriocarcinoma metastasis with unusual FDG-PET and CT findings: correlation with pathology. *Ann Nucl Med* 26(10):835-839 Dec., 2012
21. Yonezawa M, Yabuuchi H, Matsuo Y, Kamitani T, Shiratsuchi H, Yamamoto H, Honda H Spindle-cell carcinoma of the hypopharynx presenting with a pedunculated appearance: CT and MR features. *Jpn J Radiol* 31(3):211-214 Mar., 2013
22. Kitamura Y, Abe K, Baba S, Isoda T, Maruoka Y, Matsuo Y, Kubo Y, Sakamoto A, Nishimura H, Sasaki M, Honda H Malignant triton tumor in the abdominal wall: a case report. *Advances in Molecular Imaging* 3:9-13 Mar., 2013
23. Chikui T, Obara M, Simonetti AW, Ohga M, Koga S, Kawano S, Matsuo Y, Kamintani T, Shiraishi T, Kitamoto E, Nakamura K, Yoshiura K The principal of dynamic contrast enhanced MRI (DCE-MRI) and its application in the head and neck region. *Intl J Dentistry* 2012:480659 Sep., 2012
24. Takayama Y, Nishie A, Nakayama T, Asayama Y, Ishigami K, Kakihara D, Ushijima Y, Fujita N, Hirakawa M, Honda H Hypovascular hepatic nodule showing hypointensity in the hepatobiliary phase of gadoxetic acid-enhanced MRI in patients with chronic liver disease: prediction of malignant transformation. *Eur J Radiol* 81(11):3072-3078 Nov., 2012
25. Nishie A, Yoshimitsu K, Okamoto D, Tajima T, Asayama Y, Ishigami K, Kakihara D, Nakayama T, Takayama Y, Shirabe K, Fujita N, Honda H CT prediction of histological grade of hypervascular hepatocellular carcinoma: utility of the portal phase. *Jpn J Radiol* 31(2):89-98 Feb., 2013
26. Hirakawa M, Nishie A, Asayama Y, Ishigami K, Ushijima Y, Fujita N, Honda H Clinical outcomes of symptomatic arterioportal fistulas after transcatheter arterial embolization. *World J Radiol* 5(2):33-40 Feb., 2013
27. Tsurumaru D, Kawanami S, Komori M, Hiraka K, Asayama Y, Honda H Prediction of intraoperative bleeding during endoscopic treatment in patients with early gastric cancers: utility of contrast-enhanced MDCT gastrography and the wall-carving image technique. *Jpn J Radiol* 31(4):237-242 Apr., 2013
28. Komori M, Asayama Y, Fujita N, Hiraka K, Tsurumaru D, Kakeji Y, Honda H Extent of arterial tumor enhancement measured with preoperative MDCT gastrography is a prognostic factor in advanced gastric cancer after curative resection. *AJR Am J Roentgenol* 201(2):W253-261 Aug., 2013
29. Teshima T, Numasaki H, Nishio M, Ikeda H, Sekiguchi K, Kamikonya N, Koizumi M, Tago M, Ando Y, Tsukamoto N, Terahara A, Nakamura K, Murakami M, Takahashi M, Nishimura T, Japanese Society for Therapeutic Radiology and Oncology database committee Japanese structure survey of radiation oncology in 2009 based on institutional stratification of the patterns of care study. *J Radiat Res* 53(5):710-721 Sep., 2012

30. Arimura H, Itao W, Shioyama Y, Matsushita N, Magome T, Yoshitake T, Anai S, Nakamura K, Yoshidome S, Yamagami A, Honda H, Ohki M, Toyofuku F, Hirata H Computerized estimation of patient setup errors in portal images based on localized pelvic templates for prostate cancer radiotherapy. *J Radiat Res* 53(6):961-972 Nov., 2012
31. Asai K, Shioyama Y, Nakamura K, Sasaki T, Ohga S, Nonoshita T, Yoshitake T, Ohnishi K, Terashima K, Matsumoto K, Hirata H, Honda H Radiation-induced rib fractures after hypofractionated stereotactic body radiation therapy: risk factors and dose-volume relationship. *Int J Radiat Oncol Biol Phys* 84(3):768-773 Nov., 2012
32. Shioyama Y, Nakamura K, Sasaki T, Ohga S, Yoshitake T, Nonoshita T, Asai K, Terashima K, Matsumoto K, Hirata H, Honda H Clinical results of stereotactic body radiotherapy for stage I small-cell lung cancer: a single institutional experience. *J Radiat Res* 54(1):108-112 Jan., 2013
33. Maeda T, Nakamura K, Atsumi K, Hirakawa M, Ueda Y, Makino N Radiation-associated changes in the length of telomeres in peripheral leukocytes from inpatients with cancer. *Int J Radiat Biol* 89(2):106-109 Feb., 2013
34. Takenaka T, Yano T, Morodomi Y, Ito K, Miura N, Kawano D, Shoji F, Baba S, Abe K, Honda H, Maehara Y Prediction of true-negative lymph node metastasis in clinical IA non-small cell lung cancer by measuring standardized uptake values on positron emission tomography. *Surg Today* 42(10):934-939 Oct., 2012
35. Akamatsu G, Ishikawa K, Mitsumoto K, Taniguchi T, Ohya N, Baba S, Abe K, Sasaki M Improvement in PET/CT image quality with a combination of point-spread function and time-of-flight in relation to reconstruction parameters. *J Nucl Med* 53(11):1716-1722 Nov., 2012
36. Maruoka Y, Abe K, Baba S, Isoda T, Sawamoto H, Sasaki M, Honda H Incremental diagnostic value of SPECT/CT with  $^{131}\text{I}$  scintigraphy after radioiodine therapy in patients with well-differentiated thyroid carcinoma. *Radiology* 265(3):902-909 Dec., 2012
37. Ijichi H, Shirabe K, Taketomi A, Yoshizumi T, Ikegami T, Mano Y, Aishima S, Abe K, Honda H, Maehara Y Clinical usefulness of  $(18)\text{F}$ -fluorodeoxyglucose positron emission tomography/computed tomography for patients with primary liver cancer with special reference to rare histological types, hepatocellular carcinoma with sarcomatous change and combined hepatocellular and cholangiocarcinoma. *Hepatol Res* 43(5):481-487 May, 2013
38. Akamatsu G, Mitsumoto K, Ishikawa K, Taniguchi T, Ohya N, Baba S, Abe K, Sasaki M Benefits of point-spread function and time of flight for PET/CT image quality in relation to the body mass index and injected dose. *Clin Nucl Med*. 38(6):407-412 Jun., 2013
39. Atsumi K, Nakamura K, Abe K, Hirakawa M, Shioyama Y, Sasaki T, Baba S, Isoda T, Ohga S, Yoshitake T, Shinoto M, Asai K, Honda H Prediction of outcome with FDG-PET in definitive chemoradiotherapy for esophageal cancer. *J Radiat Res* 54(5):890-898 Sep., 2013

40. Shinmura A, Abe K, Baba S, Isoda T, Maruoka Y, Yasukawa F, Kiryu H, Sasaki M, Furue M, Honda H FDG PET/CT findings in acquired perforating dermatosis. Clin Nucl Med 37(10):997-1000 Oct., 2012 Ann Nucl Med 26(10):835-839 Dec., 2012
41. Isomura S, Monji A, Sasaki K, Baba S, Onitsuka T, Ohara T, Mizoguchi Y, Kato TA, Horikawa H, Seki Y, Kanba S FTD with catatonia-like signs that temporarily resolved with zolpidem. Neurol Clin Pract vol. 3 no. 4354-4357 Aug., 2013
42. Nakamura K, Ohga S, Yorozu A, Dokiya T, Saito S, Yamanaka H The diffusion pattern of low dose rate brachytherapy for prostate cancer in Japan. Cancer Sci 2013 104(7):934-936
43. Magome T, Arimura H, Shioyama Y, Mizoguchi A, Tokunaga C, Nakamura K, Honda H, Ohki M, Toyofuku F, Hirata H Computer-aided beam arrangement based on similar cases in radiation treatment-planning databases for stereotactic lung radiation therapy. J Radiat Res 54(3):569-577
44. 桶渡昭雄、吉浦 敬、山下孝二、菊地一史、本田 浩、梅尾 理 涙腺腫瘍及び涙腺以外の眼球外腫瘍 結膜癌、悪性黒色腫、転移、他 臨床放射線 57(11):1621-1634
45. 梅尾 理 エキスパートによる RSNA ベストリポート 脳・頭頸部 INNERVISION 28(2):4-6
46. 桶渡昭雄 頭部ケース 6 臨床画像 29(4):20-21
47. 桶渡昭雄 頭部ケース 7 臨床画像 29(4):22-23
48. 桶渡昭雄 頭部ケース 8 臨床画像 29(4):24-25
49. 桶渡昭雄 頭部ケース 9 臨床画像 29(4):26-27
50. 桶渡昭雄 頭部ケース 10 臨床画像 29(4):28-29
51. 山下孝二、吉浦 敬 I 脳実質の構造 2. 特殊な脳回 頭部画像診断徹頭徹尾 6-14 メジカルビュー社
52. 山下孝二、吉浦 敬、桶渡昭雄、梅尾 理、菊地一史、本田 浩 Arterial spin labeling 映像情報メディカル 45(6):517-521
53. 梅尾 理 臨床応用 II 脳 9 CEST/APT MRI 応用自在 第3版 302-306 メジカルビュー社
54. 吉浦 敬 臨床応用 II 脳 10 MSDE による脳転移検索 MRI 応用自在 第3版 307-308 メジカルビュー社
55. 吉浦 敬 拡散の bi-exponential change これでわかる拡散 MRI 第3版 56-57 秀潤社
56. 吉浦 敬 アルツハイマー病、前頭側頭型認知症 これでわかる拡散 MRI 第3版 392-393 秀潤社
57. 桶渡昭雄、吉浦 敬、梅尾 理、山下孝二、菊地一史、本田 浩 脳梗塞 救急医学 37(10):1148-1152

58. 梅尾 理、吉浦 敬、樋渡昭雄、山下孝二、菊地一史、鈴木由里子、Jochen Keupp、本田 浩 CESTイメージング—pHの画像化に向けて— INNERVISION 28(9):29-32
59. 藤内英剛、松尾芳雄、神谷武志、陣内三佳子、長尾充展、本田 浩 癌取り扱い規約から見た悪性腫瘍の病期診断と画像診断 2012年版 悪性胸膜中皮腫 臨床放射 57(11):1421-1430
60. 藤内英剛、松尾芳雄、神谷武志、陣内三佳子、長尾充展、本田 浩 肺抗酸菌症の画像診断呼吸 31(11):32-38
61. 藤内英剛 放射線障害 胸部画像診断スタンダード 172-173
62. 長尾充展 マルチモダリティーによる Cardiac Imaging 最新技術がもたらすベネフィット：被ばく低減・低侵襲検査をめざして INNERVISION 28(4):3-5
63. 藤内英剛 胸部 CQ44, 45, 46 画像診断ガイドライン 2013年版 158-163
64. 西江昭弘、吉浦 敬、阿部光一郎、松尾芳雄、古森正宏、磯田拓郎、本田 浩 癌の画像診断（イメージング）の進歩と限界 臨床と研究 90(1):7-13
65. 西牟田雄祐、古森正宏、鶴丸大介、浅山良樹、平賀聖久、本田 浩 悪性腫瘍の病期診断—治療法と予後の分岐点を見極める— 結腸・直腸 画像診断 33(4):85-100
66. 溝口明日実、有村秀孝、塙山善之、仲本宗康、吉留郷志、廣瀬貴章、穴井重男、本田 浩、梅津芳幸、平田秀紀、大喜雅文、中村和正、豊福不可依 放射線治療における electronic portal imaging device を用いた四次元線量分布推定法の開発 電子情報通信学会論文誌 J96-D:813-823
67. 渥美和重、中村和正、吉留郷志、塙山善之、佐々木智成、大賀才路、吉武忠正、篠藤 誠、浅井佳央里、坂本勝美、平川雅和、本田 浩 遠隔放射線治療計画支援：当院の現状と将来福岡医誌 103(8):159-162
68. 中村和正（ワーキンググループ委員） II.前立腺癌—外部照射法— 放射線治療計画ガイドライン 2012年版 179-183 金原出版
69. 塙山善之（ワーキンググループ委員） 頭頸部：喉頭癌 放射線治療計画ガイドライン 2012年版 101-105 金原出版
70. 佐々木智成 各論 30 子宮頸がん A 根治的放射線治療 臨床放射線腫瘍学 396-401 南江堂
71. 中村和正 各論 30 子宮頸がん B 術後照射 臨床放射線腫瘍学 402-406 南江堂
72. 吉武忠正 エキスパートによる RSNA 2012 ベストリポート 放射線治療の最新動向 INNERVISION 28(2):40
73. 本田 浩、杉町圭蔵 癌治療の First Chiuce と期待される粒子線治療 臨床と研 90(5):124-132
74. 塙山善之 未来の放射線治療の方向性 肝胆膵 67(2):307-311

75. 中村和正、佐々木智成、大賀才路、寺嶋広太郎 IMRT/プラキセラピーの登場による前立腺癌の治療方針  
のパラダイムシフト 臨床放射線 58(9):1183-1188