
2024年

- Nakamura H, Hirai T, Kurosawa H, Hamada K, Matsunaga K, Shimizu K, Konno S, Muro S, Fukunaga K, Nakano Y, Kuwahira I, Hanaoka M. Current advances in pulmonary functional imaging. *Respiratory investigation*. 2024;62(1):49-65.
- Kawashima S, Kinose D, Arima H, Kondo K, Yamazaki A, Uchida Y, Nakagawa H, Yamaguchi M, Segawa H, Torii S, Okami Y, Kadota A, Yano Y, Andoh A, Miura K, Nakano Y, Ueshima H. Association of gut microbiome with COPD in Japanese male residents: the SESSA study. *ERJ Open Res*. 2024;10(1).

2023年

- Kuroda R, Nakagawa H, Uchida Y, Narumiya K, Tsunoda Y, Yamaguchi M, Oki T, Hiratsuka S, Nagatani Y, Nakano Y. Immune-related aseptic meningitis diagnosed by Cube FLAIR on enhanced magnetic resonance imaging for a lung cancer patient administered atezolizumab: A case report. *Respirol Case Rep*. 2023;11(2):e01076.
- Ikeda M, Okugawa S, Kashiwabara K, Moritoyo T, Kanno Y, Jubishi D, Hashimoto H, Okamoto K, Tsushima K, Uchida Y, Mitsumura T, Igari H, Tsutsumi T, Araoka H, Yatera K, Yamamoto Y, Nakamura Y, Otani A, Yamashita M, Wakimoto Y, Shinohara T, Adachi-Katayama M, Oyabu T, Kanematsu A, Harada S, Takeshita Y, Nakano Y, Miyazaki Y, Sakao S, Saito M, Ogura S, Yamasaki K, Kawasuji H, Hataji O, Inoue J, Seto Y, Moriya K. Multicenter, Single-Blind, Randomized Controlled Study of the Efficacy and Safety of Favipiravir and Nafamostat Mesilate in Patients with COVID-19 Pneumonia. *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases*. 2023;128:355-363.
- Kishita M, Matsumura Y, Yamamoto M, Nagao M, Takemura M, Sumi M, Osawa M, Nakano Y, Tanikawa S, Tsukaguchi F, Ikemoto T, Kushima R. Increase in the frequency of community-acquired methicillin-resistant *Staphylococcus aureus* clones among inpatients of acute care hospitals in the Kyoto and Shiga regions, Japan. *J Infect Chemother*. 2023;29(5):458-463.
- Iwasaku M, Uchino J, Chibana K, Tanzawa S, Yamada T, Tobino K, Uchida Y, Kijima T, Nakatomi K, Izumi M, Tamiya N, Kimura H, Fujita M, Honda R, Takumi C, Kaneko Y, Kiyomi F, Takayama K. Prophylactic treatment of dacomitinib-induced skin toxicities in epidermal growth factor receptor-mutated non-small-cell lung cancer: A multicenter, Phase II trial. *Cancer Med*. 2023.
- Matsuo Y, Ogawa E, Tsunoda Y, Yamazaki A, Kawashima S, Uchida Y, Nakagawa H, Kinose D, Yamaguchi M, Nakano Y. Inspiratory and Expiratory Computed Tomography Imaging Clusters Reflect Functional Characteristics in Chronic Obstructive Pulmonary Disease. *Int J Chron Obstruct Pulmon Dis*. 2023;18:1047-1055.

- Yamazaki A, Kinose D, Kawashima S, Tsunoda Y, Matsuo Y, Uchida Y, Nakagawa H, Yamaguchi M, Ogawa E, Nakano Y. Predictors of longitudinal changes in body weight, muscle and fat in patients with and ever-smokers at risk of COPD. *Respirology*. 2023;28(9):851-859.
- Baba T, Takemura T, Okudela K, Hebisawa A, Matsushita S, Iwasawa T, Yamakawa H, Nakagawa H, Ogura T. Concordance between transbronchial lung cryobiopsy and surgical lung biopsy for interstitial lung disease in the same patients. *BMC Pulm Med*. 2023;23(1):279.
- Suzuki H, Kawata Y, Aokage K, Matsumoto Y, Sugiura T, Tanabe N, Nakano Y, Tsuchida T, Kusumoto M, Marumo K, Kaneko M, Niki N. Aorta and main pulmonary artery segmentation using stacked U-Net and localization on non-contrast-enhanced computed tomography images. *Med Phys*. 2023.
- Yokoe S, Kinose D, Ueki Y, Okuda S, Nakanishi T, Iriyama T, Yamazaki A, Kawashima S, Uchida Y, Nakagawa H, Yamaguchi M, Nakano Y.: Autobullectomy with COVID-19 in a patient with chronic obstructive pulmonary disease. *Respir Med Case Rep*. 2023;45:101888.

2022年

- Hashimoto H, Yamamoto S, Nakagawa H, Suido Y, Sato S, Tabata E, Okamori S, Yoshida T, Ando K, Yoshitake S, Okada Y. Predictive value of computed tomography for short-term mortality in patients with acute respiratory distress syndrome: a systematic review. *Scientific reports*. 2022;12(1):9579.
- Uchida Y, Kinose D, Nagatani Y, Tanaka-Mizuno S, Nakagawa H, Fukunaga K, Yamaguchi M, Nakano Y. Risk factors for pneumonitis in advanced extrapulmonary cancer patients treated with immune checkpoint inhibitors. *BMC cancer*. 2022;22(1):551.
- Suzuki H, Matsuhiro M, Kawata Y, Imoto I, Nakano Y, Kusumoto M, Kaneko M, Niki N. Visualization and unsupervised clustering of emphysema progression using t-SNE analysis of longitudinal CT images and SNPs. *SPIE Medical Imaging*. 2022;12033.
- Saito K, Fukuda K, Kawata Y, Umetani K, Nakano Y, Sakai H, Okamoto T, Niki N. Pulmonary alveoli cluster analysis of 3D human lung microstructure using synchrotron radiation micro-CT. *SPIE Medical Imaging*. 2022;12036.
- Fukuda K, Saito K, Kawata Y, Umetani K, Nakano Y, Sakai H, Okamoto T, Niki N. Counting of alveoli in synchrotron radiation 3D CT images using U-Net. *SPIE Medical Imaging*. 2022;12036.
- Xu F, Vasilescu DM, Kinose D, Tanabe N, Ng KW, Coxson HO, Cooper JD, Hackett TL, Verleden SE, Vanaudenaerde BM, Stevenson CS, Lenburg ME, Spira A, Tan WC, Sin DD, Ng RT, Hogg JC. The molecular and cellular mechanisms associated with the destruction of terminal bronchioles in COPD. *The European respiratory journal*. 2022;59(5).

2021年

- Fukunaga K, Nagatani Y, Nakagawa H, Nitta-Seko A, Nagata T, Nishizono M, Kobashi K, Iguchi H, Nitta N, Hanaoka J, Murata K, Watanabe Y, Nakano Y. Increased (18)F-FDG accumulation in less-affected lung area in patients with non-small cell lung cancer and postoperative acute exacerbation of interstitial lung disease. *Eur J Radiol.* 2021;135:109477.
- Syaifullah AH, Shiino A, Fujiyoshi A, Kadota A, Kondo K, Ito T, Segawa H, Moniruzzaman M, Waki T, Miyagawa N, Tooyama I, SESSA Research Group (Ogawa A, Nakano Y, et al.), Ueshima H, Miura K. Alcohol drinking and brain morphometry in apparently healthy community-dwelling Japanese men. *Alcohol (Fayetteville, NY).* 90:57-65.
- Suenaga K, Hira D, Ishido E, Koide H, Ueshima S, Okuda T, Yamaguchi, M. Morita S. Y, Okamoto H, Okano T, Nakano Y, Terada T, Kakumoto M. Incorrect Holding Angle of Dry Powder Inhaler during the Drug-Loading Step Significantly Decreases Output Efficiency. *Biol Pharm Bull.* 2021;44(6):822-829.
- Kaku R, Yoden M, Shiratori T, Hayashi K, Okamoto K, Oshio Y, Nakano, Y Hanaoka, J. Perioperative changes in respiratory impedance in lobectomy and their clinical impact. *J Thorac Dis.* 2021;13(3):1347-1357.
- Hizawa, N, Fukunaga K, Sugiura H, Nakano Y, Kato M, Sugiyama Y, Hanazawa T, Kaise T, Tal-Singer R, Jones P, W, Barnes N, Compton C, Ishii T. A Prospective Cohort Study to Assess Obstructive Respiratory Disease Phenotypes and Endotypes in Japan: The TRAIT Study Design. *International journal of chronic obstructive pulmonary disease.* 2021; 16:1813-1822.

2020年

- Yoshida H, Kim YH, Sakamori Y, Nagai H, Ozasa H, Kaneda T, Yoshioka H, Nakagawa H, Tomii K, Okada A, Yoshimura K, Hirabayashi M, Hirai T. A Randomized Phase II Study of Maintenance Bevacizumab, Pemetrexed or Bevacizumab Plus Pemetrexed for Advanced Non-squamous Non-small Cell Lung Cancer. *Anticancer research.* 2020; 40(5):2981-2987.
- Ito A, Ito I, Inoue D, Marumo S, Ueda T, Nakagawa H, Taki M, Nakagawa A, Tatsumi S, Nishimura T, Shiota T, Ishida T. The utility of serial procalcitonin measurements in addition to pneumonia severity scores in hospitalised community-acquired pneumonia: A multicentre, prospective study. *International journal of infectious diseases : IJID : official publication of the International Society for Infectious Diseases.* 2020;92:228-233
- Nakagawa H, Otoshi R, Isomoto K, Katano T, Baba T, Komatsu S, Hagiwara E, Nakano Y, Kuwahira I, Ogura T. Relationship of flow-volume curve pattern on pulmonary function test with clinical and radiological features in idiopathic pulmonary fibrosis. *BMC Pulmonary Medicine.* 2020 Aug 12;20(1):214. doi:10.1186/s12890-020-01254-z.
- Uchida Y, Tsugawa T, Tanaka-Mizuno S, Noma K, Aoki K, Fukunaga K, Nakagawa H, Kinose D, Yamaguchi M, Osawa M, Nagao T, Ogawa E, Nakano Y. Prediction of radiation pneumonitis using dose-volume histogram parameters with high attenuation in two types of cancer: A retrospective study. *PLoS One.* 2020;15(12):e0244143.
- Shimizu K, Tanabe N, Tho NV, Suzuki M, Makita H, Sato S, Muro S, Mishima M, Hirai T, Ogawa E, Nakano Y, Konno S, Nishimura M. Per cent low attenuation volume and fractal dimension of low attenuation clusters on CT predict different long-term outcomes in COPD. *Thorax.* 2020;75(2):116-122.

- Nakao A, Hiranuma O, Uchino J, Sakaguchi C, Araya T, Hiraoka N, Ishizuka T, Takeda T, Kawasaki M, Goto Y, Imai H, Hattori N, Nakatomi K, Uramoto H, Uryu K, Fukuda M, Uchida Y, Yokoyama T, Akai M, Mio T, Nagashima S, Chihara Y, Tamiya N, Kaneko Y, Mouri T, Yamada T, Yoshimura K, Fujita M, Takayama K. Final Results from a Phase II Trial of Osimertinib for Elderly Patients with Epidermal Growth Factor Receptor t790m-Positive Non-Small Cell Lung Cancer That Progressed during Previous Treatment. *J Clin Med*. 2020;9(6).
- Kinose D, Ogawa E, Kawashima S, Matsuo-Kashiwagi Y, Yukimura-Seto R, Yamazaki A, Yoshihashi S, Hirayama Y, Nakano Y. An index of the fractal characteristic of an airway tree is associated with airflow limitations and future body mass index reduction in COPD patients. *Journal of applied physiology (Bethesda, Md : 1985)*. 2020;128(5):1280-1286.
- Hidenobu S, Mikio M, Yoshiki K, Noboru N, Issei I, Yasutaka N, Masahiko K, Kaneko M. Association analysis of SNPs with CT image-based phenotype of emphysema progression in heavy smokers PROCEEDINGS OF SPIE Medical Imaging 2020:Computer-Aided Diagnosis. 2020;11314:6.
- Saito K, Fuketa S, Shimatani R, Kawata Y, Niki NN, Umetani K, Nakano Y, Sakai H, Okamoto T, Itoh H. 3D microstructure analysis of human pulmonary emphysema using a synchrotron radiation CT SPIE DIGITAL LIBRARY. (2020. 2. 28 Houston Texas United States)

2019年

- Nakagawa H, Ogawa E, Fukunaga K, Kinose D, Yamaguchi M, Nagao T, Tanaka-Mizuno S, Nakano Y. Quantitative CT analysis of honeycombing area predicts mortality in idiopathic pulmonary fibrosis with definite usual interstitial pneumonia pattern: A retrospective cohort study. *PLoS ONE*. 14(3):e0214278. 2019.
- Nakao A, Hiranuma O, Uchino J, Sakaguchi C, Kita T, Hiraoka N, Ishizuka T, Kubota Y, Kawasaki M, Goto Y, Imai H, Hattori N, Nakatomi K, Uramoto H, Uryu K, Fukuda M, Uchida Y, Yokoyama T, Akai M, Mio T, Nagashima S, Chihara Y, Tamiya N, Kaneko Y, Mouri T, Yamada T, Yoshimura K, Fujita M, Takayama K. Osimertinib in Elderly Patients with Epidermal Growth Factor Receptor T790M-Positive Non-Small-Cell Lung Cancer Who Progressed During Prior Treatment: A Phase II Trial. *Oncologist*. 24(5):593-e170. doi:10.1634/theoncologist.2019-0003. Epub 2019 Jan 16.
- Matsuo Y, Ogawa E, Seto-Yukimura R, Ryujin Y, Kinose D, Yamaguchi M, Osawa M, Nagao T, Kurosawa H, Nakano Y. Novel Respiratory Impedance-Based Phenotypes Reflect Different Pathophysiologies in Chronic Obstructive Pulmonary Disease Patients. *International journal of chronic obstructive pulmonary disease*. 14(1176-9106):2971 - 2977. 2019.
- Sumi M, Hisamatsu T, Fujiyoshi A, Kadota A, Miyagawa N, Kondo K, Kadowaki S, Suzuki S, Torii S, Zaid M, Sato A, Arima H, Terada T, Miura K, Ueshima H. Association of Alcohol Consumption With Fat Deposition in a Community-Based Sample of Japanese Men: The Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA). *J Epidemiol*. 2019;29(6):205-212.

2018年

- Tanabe N, Vasilescu D, Kirby M, Coxson H, Verleden S, Vanaudenaerde B, Kinose D, Nakano Y, Pare P, Hogg J. Analysis of airway pathology in COPD using a combination of computed tomography, micro-computed tomography, and histology. *European Respiratory Journal* 2018. 51(2): pii 1701245. DOI: 10.1183/13993003.01245-2017. 2018.
- Goto K, Ogawa E, Shimizu K, Makita H, Suzuki H, Kawata Y, Niki N, Nishimura M, Nakano Y. Relationship of annual change in bone mineral density with extent of emphysematous lesions and pulmonary function in patients with COPD. *International journal of chronic obstructive pulmonary disease*. 13:639-644. 2018.
- Seto-Yukimura R, Ogawa E, Hisamatsu T, Torii S, Shiino A, Nozaki K, Fujiyoshi A, Miura K, Nakano Y, Ueshima H. Reduced Lung Function and Cerebral Small Vessel Disease in Japanese Men: the Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA). *Journal of atherosclerosis and thrombosis*. doi: 10.5551/jat.42127. 2018. (Epub ahead of print)
- Hira D, Koide H, Nakamura S, Okada T, Ishizeki K, Yamaguchi M, Koshiyama S, Oguma T, Ito K, Funayama S, Komase Y, Morita S. Y, Nishiguchi K, Nakano Y, Terada T. Assessment of inhalation flow patterns of soft mist inhaler

co-prescribed with dry powder inhaler using inspiratory flow meter for multi inhalation devices. PLoS ONE. 13(2): e0193082. 2018.

- Nguyen M, Nishi N, Kadota A, Okuda N, Arima H, Fujiyoshi A, Nakano Y, Ohkubo T, Ueshima H, Okayama A, Miura K. Passive Smoking at Home by Socioeconomic Factors in a Japanese Population: NIPPON DATA2010. Journal of epidemiology. 28(Supplement_III): S40-S45. 2018.
- Kitajima T, Marumo S, Shima H, Shirata M, Kawashima S, Inoue D, Katayama Y, Itotani R, Sakuramoto M, Fukui M. Clinical impact of episodic nocturnal hypercapnia and its treatment with noninvasive positive pressure ventilation in patients with stable advanced COPD. International Journal of COPD. 13: 843-853. 2018.
- Fukunaga K, Yokoe S, Kawashima S, Uchida Y, Nakagawa H, Nakano Y. Nintedanib prevented fibrosis progression and lung cancer growth in idiopathic pulmonary fibrosis. Respirol Case Rep. 6(8):e00363. doi: 10.1002/rcr2.363.
- Ohkubo H, Nakagawa H, Niimi A. Computer-based quantitative computed tomography image analysis in idiopathic pulmonary fibrosis: A mini review. Respir Investig. 56(1):5-13. doi: 10.1016/j.resinv.2017.10.003. Epub 2017 Dec 7.
- Nagatani Y, Takahashi M, Ikeda M, Nitta N, Miyata K, Hanaoka J, Nakano Y, Matsuo S, Hamada Y, Sonoda A, Otani H, Ushio N, Ohta S, Murakami Y, Kaneko C, Inoue A, Kida T, Murata K. Sub-solid nodule detectability in seven observers of seventy-nine clinical cases: comparison between ultra-low-dose chest digital tomosynthesis with iterative reconstruction and chest radiography by receiver-operating characteristics analysis. European Journal of Radiology. 107:166-174. 2018.
- Fukunaga K, Yamaguchi M, Yoshihashi S, Murayama Y, Iriyama T, Kanda R, Nagao T, Fujimoto N, Nakano Y. Late onset systemic lupus erythematosus-associated protein-losing enteropathy: a case report and literature review. Modern Rheumatology Case Reports. 3(1):24-9. 2018.

2017年

- Takemura M, Niimi A, Matsumoto H, Ueda T, Yamaguchi M, Matsuoka H, Jinnai M, Chung K F, Mishima M. Imbalance of endogenous prostanoids in moderate-to-severe asthma. Allergology International. 66 (1): 83-88. 2017.
- Sunadome H, Matsumoto H, Petrova G, Kanemitsu Y, Tohda Y, Horiguchi T, Kita H, Kuwabara K, Tomii K, Otsuka K, Fujimura M, Ohkura N, Tomita K, Yokoyama A, Ohnishi H, Nakano Y, Oguma T, Hozawa S, Nagasaki T, Ito I, Inoue H, Tajiri, Iwata T, Izuhara Y, Ono J, Ohta S, Hirota T, Tamari M, Yokoyama T, Niimi A, Izuhara K, Mishima M. IL4Ralpha and ADAM33 as genetic markers in asthma exacerbations and type-2 inflammatory endotype. Clinical and experimental allergy: journal of the British Society for Allergy and Clinical Immunology. 47 (8): 998-1006. 2017.
- Nakamura K, Ukawa S, Okada E, Hirata M, Nagai A, Yamagata Z, Ninomiya T, Muto K, Kiyohara Y, Matsuda K, Kamatani Y, Kubo M, Nakamura Y, BioBank Japan Cooperative Hospital Group (Collaborators:Nakano Y), Tamakoshi A. Characteristics and prognosis of Japanese male and female lung cancer patients: The BioBank Japan Project. Journal of epidemiology. 27 (3S): S49-S57. 2017.
- Uchida Y, Tsugawa T, Tanaka-Mizuno S, Noma K, Aoki K, Shigemori W, Nakagawa H, Kinose D, Yamaguchi M, Osawa M, Ogawa E, Nakano Y. Exclusion of emphysematous lung from dose-volume estimates of risk improves prediction of radiation pneumonitis. Radiation oncology (London, England). 12 (1): 160, 2017.

- Matsumoto H, Kanemitsu Y, Nagasaki T, Tohda Y, Horiguchi T, Kita H, Kuwabara K, Tomii K, Otsuka K, Fujimura M, Ohkura N, Tomita K, Yokoyama A, Ohnishi H, Nakano Y, Oguma T, Hozawa S, Izuhara Y, Ito I, Oguma T, Inoue H, Tajiri T, Iwata T, Ono J, Ohta S, Hirota T, Kawaguchi T, Tamari M, Yokoyama T, Tabara Y, Matsuda F, Izuhara K, Niimi A, Mishima M. Staphylococcus aureus enterotoxin sensitization involvement and its association with the CysLTR1 variant in different asthma phenotypes. *Ann Allergy Asthma Immunol.* 118 (2): 197-203. 2017.
- Kirby M, van Beek EJ, Seo JB, Biederer J, Nakano Y, Coxson HO, Parraga G. Management of COPD: Is there a role for quantitative imaging? *European Journal Radiology.* 86:335-42. 2017.
- Yamagata K, Horie M, Aiba T, Ogawa S, Aizawa Y, Ohe T, Yamagishi M, Makita N, Sakurada H, Tanaka T, Shimizu A, Hagiwara N, Kishi R, Nakano Y, Takagi M, Makiyama T, Ohno S, Fukuda K, Watanabe H, Morita H, Hayashi K, Kusano K, Kamakura S, Yasuda S, Ogawa H, Miyamoto Y, Kapplinger JD, Ackerman MJ, Shimizu W. Genotype-Phenotype Correlation of SCN5A Mutation for the Clinical and Electrocardiographic Characteristics of Proband With Brugada Syndrome: A Japanese Multicenter Registry. *Circulation.* 2017; 135(23):2255-70.

2016年

- Thanh DT, Tho NV, Lam NS, Dung NH, Tabata C, Nakano Y. Simian virus 40 may be associated with developing malignant pleural mesothelioma. *ONCOLOGY LETTERS.* 11 (3): 2051–2056. 2016.
- Nakagawa H, Nagatani Y, Takahashi M, Ogawa M, Tho VT, Ryujin Y, Nagao T, Nakano Y. Quantitative CT analysis of honeycombing area in idiopathic pulmonary fibrosis: Correlations with pulmonary function tests. *European Journal of Radiology.* 85 (1): 125-130. 2016.
- Higami Y, Ogawa E, Ryujin Y, Goto K, Seto R, Wada H, Tho NV, Lan LTT, Pare PD, Nakano Y. Increased Epicardial Adipose Tissue Is Associated with the Airway Dominant Phenotype of Chronic Obstructive Pulmonary Disease. *PLoS ONE.* 11 (2): e0148794. doi: 10.1371/journal.pone.0148794. 2016.
- Sin DD, Miravittles M, Mannino DM, Soriano JB, Price D, Celli BR, Leung JM, Nakano Y, Park HY, Wark PA, Wechsler ME. What is Asthma-COPD Overlap Syndrome (ACOS)? Towards A Consensus Definition from a round table Discussion. *European Respiratory Journal.* 48(3): 664-673. 2016.
- Takemura Y, Sasaki M, Goto K, Takaoka A, Ohi A, Kurihara M, Nakanishi N, Nakano Y, Hanaoka J. Energy metabolism and nutritional status in hospitalized patients with lung cancer. *Journal of Clinical Biochemistry and Nutrition (J Clin Biochem Nutr).* 59(2): 122-129. 2016.
- Fukunaga K, Kume H, Oguma T, Shigemori W, Thoda Y, Ogawa E, Nakano Y. Involvement of Ca²⁺ Signaling in the Synergistic Effects between Muscarinic Receptor Antagonists and β_2 -Adrenoceptor Agonists in Airway Smooth Muscle. *International Journal of Molecular Sciences.* 17(9): 1590. 2016.
- Shimizu K, Seto R, Makita H, Suzuki M, Konno S, Ito Y, M Kanda R, Ogawa E, Nakano Y, Nishimura M. Computed tomography (CT)-assessed bronchodilation induced by inhaled indacaterol and glycopyrronium/indacaterol in COPD. *Respiratory medicine.* 119: 70-77. 2016.

- Tho NV, Park HY, Nakano Y. Asthma-COPD overlap syndrome (ACOS): A diagnostic challenge. *Respirology*. 21(3): 410-418. 2016.
- Zaid M, Miura K, Fujiyoshi A, Abbott RD, Hisamatsu T, Kadota A, Arima H, Kadowaki S, Torii S, Miyagawa N, Suzuki S, Takashima N, Ohkubo T, Sekikawa A, Maegawa H, Horie M, Nakamura Y, Okamura T, Ueshima H; SESSA Research Group. Associations of serum LDL particle concentration with carotid intima-media thickness and coronary artery calcification. *Journal of clinical lipidology*. 10 (5): 1195-1202 e1. 2016.
- Hisamatsu T, Miura K, Arima H, Kadota A, Kadowaki S, Torii S, Suzuki S, Miyagawa N, Sato A, Yamazoe M, Fujiyoshi A, Ohkubo T, Yamamoto T, Murata K, Abbott RD, Sekikawa A, Horie M, Ueshima H; Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA) Research Group. Smoking, Smoking Cessation, and Measures of Subclinical Atherosclerosis in Multiple Vascular Beds in Japanese Men. *Journal of the American Heart Association*. 5 (9). 2016.
- Okamura T, Miura K, Sawamura T, Kadota A, Hisamatsu T, Fujiyoshi A, Miyamatsu N, Takashima N, Miyagawa N, Kadowaki T, Ohkubo T, Murakami Y, Nakamura Y, Ueshima H; SESSA Research Group. Serum level of LOX-1 ligand containing ApoB is associated with increased carotid intima-media thickness in Japanese community-dwelling men, especially those with hypercholesterolemia LOX-1 ligand and IMT in Japanese. *Journal of clinical lipidology*. 10 (1): 172-80 e1. 2016.
- Yoneda K, Matsuhira M, Suzuki H, Kawata Y, Niki N, Nakano Y, Ohmatsu H, Kusumoto M, Tsuchida T, Eguchi K, Kaneko M. Computer-aided diagnosis for osteoporosis using chest 3D CT images. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* vol:9785. 2016.
- Minami K, Maeda K, Kawata Y, Niki N, Umetani K, Nakano Y, Sakai H, Ohmatsu H, Itoh H. Microstructure analysis of the pulmonary acinus by a synchrotron radiation CT. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* vol:9783. 2016.

2015年

- Tho N V, Ryujin Y, Ogawa E, Trang LTH, Kanda Rie, Goto K, Yamaguchi M, Nagao T, Lan LTT, Nakano Y. Relative contributions of emphysema and airway remodelling to airflow limitation in COPD: consistent results from two cohorts. *Respirology* .20 (4): 594-601. doi: 10.1111/resp.12505. 2015.
- Ryujin Y, Ogawa E, Nagao T, Oguma T, Yamaguchi M, Kanda R, Nakagawa H, Goto K, Tho N V, Pare PD, and Nakano Y on behalf of the Shiga COPD research group. Behavioral Changes in General Practitioners Towards Chronic Obstructive Pulmonary Disease over Five Years: An Observational Study. *Internal Medicine*. 54 (14): 1705-10. doi: 10.2169/internalmedicine. 54. 4170. 2015.
- Tho N V, Ogawa E, Trang LTH, Ryujin Y, Kanda R, Nakagawa H, Goto K, Fukunaga K, Higami Y, Seto R, Wada H, Yamaguchi M, Nagao T, Tuyet Lan L. T, Nakano Y. A Mixed Phenotype of Airway Wall Thickening and Emphysema Is Associated with Dyspnea and Hospitalization for COPD. *Annals of the American Thoracic Society*. 12 (7): 988-996. DOI: 10.1513/AnnalsATS. 201411-501OC. 2015.

- Oguma T, Niimi A, Hirai T, Jinnai M, Matsumoto H, Ito I, Yamaguchi M, Matsuoka H, Otsuka K, Takeda T, Nakaji H, Chin K, Mishima M. Assessment of Small Airways with Computed Tomography: Mosaic Attenuation or Lung Density. *Respiration*. 89 (6): 539-49. DOI:10.1159/000381553. 2015.
- Nagatani Y, Murata K, Takahashi M, Nitta N, Nakano Y, Sonoda A, Otani H, Okabe H, Ogawa E. A new quantitative index of lobar air trapping in chronic obstructive pulmonary disease (COPD): comparison with conventional methods. *European Journal of Radiology*. 84(5): 963-974. 2015.
- Fukunaga K, Kawasima S, Seto R, Nakagawa H, Yamaguchi M, Nakano Y. Mediastinitis and pericarditis after endobronchial ultrasound-guided transbronchial needle aspiration. *Respirology Case Reports*. 3 (1): 16-18. 2015.
- Nakagawa H, Ohuchi M, Fujita T, Ozaki Y, Nakano Y, Inoue S. Thoracolithiasis diagnosed by thoracoscopy under local anesthesia. *Respirology Case Reports*. 3 (3): 102-104. 2015.
- Lee H, Tho NV, Nakano Y, Lee B-J, Park HY. A diagnostic approach and natural course of a patient with asthma–COPD overlap syndrome. *Respirology Case Reports*. 3 (4): 119-121. 2015.
- Kume H, Fukunaga K, Oguma T. Research and development of bronchodilators for asthma and COPD with a focus on G protein/Kca channel linkage and β_2 -adrenergic. *Pharmacology&Therapeutics*. 156: 75-89. 2015.
- Tokumoto Y, Minami K, Kawata Y, Niki N, Umetani K, Nakano Y, Sakai H, Ohmatsu H, Itoh H. Microstructure analysis of the pulmonary acinus using a synchrotron radiation CT. *Proceedings of SPIE.9417, Medical Imaging 2015: Biomedical Applications in Molecular, Structural, and Functional Imaging*, 94172P. doi: 10.1117/12.2081357. 2015.
- Kanda R, Nagao T, Tho NV, Ogawa E, Murakami Y, Osawa M, Saika Y, Doi K, Nakano Y. Factors Affecting Time to Sputum Culture Conversion in Adults with Pulmonary Tuberculosis: A Historical Cohort Study without Censored Cases. *PLoS One*. Published: November 11, DOI: 10.1371/journal.pone.0142607. 2015.
- Nakagawa H, Wada H, Hajiro T, Nagao T, Ogawa E, Hatamochi A, Tanaka T, Nakano Y. Ehlers-Danlos Syndrome Type IV with Bilateral Pneumothorax. *Intern Med*. 54: 3181-3184. DOI: 10.2169/internalmedicine. 54. 4947. 2015.
- Tho NV, Ryuji Y, Ogawa E, Nakano Y. Dear APSR colleagues. *APSR RESPIRATORY UPDATES*. 7(1). 2015.
- Suzuki H, Mizuguchi R, Matsuhira M, Kawata Y, Niki N, Nakano Y, Ohmatsu H, Kusumoto M, Tsuchida T, Eguchi K, Kaneko M, Moriyama N. Quantitative assessment of smoking-induced emphysema progression in longitudinal CT screening for lung cancer. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE Vol;9414*. 2015.
- Matsuhira M, Suzuki H, Kawata Y, Niki N, Nakano Y, Ohmatsu H, et al., editors. Peripleural lung disease detection based on multi-slice CT images. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE Vol;9414*. 2015.

2014年

- Tho NV, Trang LTH, Murakami Y, Ogawa E, Ryuji Y, Kanda R, Nakagawa H, Goto K, Fukunaga K, Higami Y, Seto R, Nagao T, Oguma T, Yamaguchi M, Lan LTT, Nakano Y. Airway Wall Area Derived from 3-Dimensional Computed Tomography Analysis Differs among Lung Lobes in Male Smokers. *PLOS ONE*. 9 (5):e98835. doi: 10.1371/ journal.pone. 0098335. 2014.
- Nagasaki T, Matsumoto H, Kanemitsu Y, Izuhara K, Tohda Y, Kita H, Horiguchi T, Kuwabara K, Tomii K, Otsuka K, Fujimura M, Ohkura N, Tomita K, Yokoyama A, Ohnishi H, Nakano Y, Oguma T, Hozawa S, Ito I, Oguma T, Inoue H,

- Tajiri T, Iwata T, Izuhara Y, Ono J, Ohta S, Yokoyama T, Niimi A, Mishima M. Integrating longitudinal information on pulmonary function and inflammation using asthma phenotypes. *Journal of Allergy and Clinical Immunology*. 133 (5): 1474-1477. e1-2. doi: 10.1016/j.jaci.2014.05.014. 2014.
- Suzuki H, Matsuiro M, Kawata Y, Niki N, Nakano Y, Ohmatsu H, Kusumoto M, Tsuchida T, Eguchi K, Kaneko M, Moriyama N. Longitudinal follow-up study of smoking-induced emphysema progression in low-dose CT screening of lung cancer. *Proc SPIE 9035, Medical Imaging 2014: Computer-Aided Diagnosis*. doi: 10.1117/12.2044007. 2014.
 - Nakano Y, Tho N V, Coxson H O. Is the 'spatially matched central airways' relevant to studies of airway dimensions in COPD? *Thorax* 2014. 69 (11): 1048-1049. doi: 10.1136/thoraxjnl-2014-206118.
 - Yoshimoto D, Nakano Y, Onishi K, Hafan G, Jones P. The relationship between the COPD Assessment Test score and airflow limitation in Japan in patients aged over 40 years with a smoking history. *International Journal of COPD*. 9: 1357-1363. 2014.
 - Nagasaki T, Matsumoto H, Kanemitsu Y, Izuhara K, Thoda Y, Horiguchi T, Kita H, Tomii K, Fujimura M, Yokoyama A, Nakano Y, Hozawa S, Ito I, Oguma T, Izuhara K, Tajiri T, Iwata T, Ono J, Ohta S, Yokoyama T, Niimi A, Mishima M. Using Exhaled Nitric Oxide and Serum Periostin as a Composite Marker to Identify Severe/Steroid-Insensitive Asthma. *American Journal of the Respiratory and Critical Care Medicine*. 190 (12): 1449-1452. 2014.
 - Izuhara Y, Matsumoto H, Kanemitsu Y, Izuhara K, Tohda Y, Horiguchi T, Kita H, Kuwabara K, Tomii K, Otsuka K, Fujimura M, Ohkura N, Tomita K, Yokoyama A, Ohnishi H, Nakano Y, Oguma T, Hozawa S, Nagasaki T, Ito I, Oguma T, Inoue H, Tajiri T, Iwata T, Ono J, Ohta S, Tamari M, Hirota T, Yokoyama T, Niimi A, Mishima M. GLCCI1 variant accelerates pulmonary function decline in patients with asthma receiving inhaled corticosteroids. *Allergy*. 69 (5): 668-673. 2014.
 - Fukuoka Y, Kawata Y, Niki N, Umetani K, Nakano Y, Ohmatsu H, Moriyama N, Itoh H. Microstructure analysis of the pulmonary lung of the secondary lobulus by a synchrotron radiation CT. *Proc SPIE 9035, Medical Imaging 2014: Computer-Aided Diagnosis*. 2014. doi: 10.1117/12.2043454.
 - Suzuki H, Matsuiro M, Kawata Y, Niki N, Nakano Y, Ohmatsu H, Kusumoto M, Tsuchida T, Eguchi K, Kaneko M, Moriyama N. Longitudinal follow-up study of smoking-induced emphysema progression in low-dose CT screening of lung cancer. *Proc SPIE 9035, Medical Imaging 2014: Computer-Aided Diagnosis*. 2014;doi: 10.1117/12.2044007.

2013年

- Matsuiro M, Suzuki H, Kawata Y, Niki N, Ueno J, Nakano Y, Ogawa E, Muro S, Mishima M, Ohmatsu H, Moriyama N. Extraction method of interlobar fissure based on multi-slice CT images. *Proc SPIE 8670, Medical Imaging 2013: Computer-Aided Diagnosis*. doi:10.1117/12.2007822. 2013.
- Kawata Y, Niki N, Umetani K, Nakano Y, Ohmatsu H, Moriyama N, Itoh H. Stochastic tracking of small pulmonary vessels in human lung alveolar walls using synchrotron radiation micro CT images. *Proc SPIE 8672, Medical Imaging 2013: Biomedical Applications in Molecular, Structural, and Functional Imaging*. doi:10.1117/12.2006895. 2013.

- Kanemitsu Y, Matsumoto H, Izuhara K, Tohda Y, Kita H, Horiguchi T, Kuwabara K, Tomii K, Otsuka K, Fujimura M, Ohkura N, Tomita K, Yokoyama A, Ohnishi H, Nakano Y, Oguma T, Hozawa S, Nagasaki T, Ito I, Oguma T, Inoue H, Tajiri T, Iwata T, Izuhara Y, Ono J, Ohta S, Tamari M, Hirota T, Yokoyama T, Niimi A, Mishima M. Increased periostin associates with greater airflow limitation in patients receiving inhaled corticosteroids. *Journal of Allergy and Clinical Immunology*. 132(2): 305–312. e3. 2013.
- Hasegawa K, Ohno S, Itoh H, Makiyama T, Aiba T, Nakano Y, Shimizu W, Matsuura H, Makita N, Horie M. A rare KCNE1 polymorphism, D85N, as a genetic modifier of long QT syndrome. *Journal of Arrhythmia*.30(3)161-166. doi: 10.1016/j.joa.08.004. 2013.

2012年

- Ito M, Niho S, Nihei K, Yoh k, Ohmatsu H, Ohe Y: Risk factors associated with fatal pulmonary hemorrhage in locally advanced non-small cell lung cancer treated with chemoradiotherapy. *BMC Cancer*. 12 (27). 2012.
- Ito M, Ishii G, Nagai K, Maeda R, Nakano Y, Ochiai A: Prognostic impact of cancer-associated stromal cells in stage I lung adenocarcinoma patients. *Chest*. 42 (1): 151-158. 2012.
- Matsumoto H, Tabuena RP, Niimi A, Inoue H, Ito I, Yamaguchi M, Otsuka K, Takeda T, Oguma T, Nakaji H, Tajiri T, Iwata T, Nagasaki T, Jinnai M, Matsuoka H, Mishima M: Cough triggers and their pathophysiology in patients with prolonged or chronic cough. *Allergol Int*. 61 (1): 123-132. 2012.
- Maeda R, Ishii G, Ito M, Hishida T, Yoshida J, Nishimura M, Haga H, Nagai K, Ochiai A: Number of circulating endothelial progenitor cells and intratumoral microvessel density in non-small cell lung cancer patients: differences in angiogenic status between adenocarcinoma histologic subtypes. *J Thorac Oncol*. 7 (3): 503-511. 2012.
- Takemura M, Niimi A, Matsumoto H, Ueda T, Matsuoka H, Yamaguchi M, Jinnai M, Chin K, Mishima M: Clinical, physiological and anti-inflammatory effect of montelukast in patients with cough variant asthma. *Respiration*. 83 (4): 308-315. 2012.
- Tanabe N, Muro S, Tanaka S, Sato S, Oguma T, Kiyokawa H, Takahashi T, Kinose D, Hoshino Y, Kubo T, Ogawa E, Hirai T, Mishima M: Emphysema distribution and annual changes in pulmonary function in male patients with chronic obstructive pulmonary disease. *Respir Res*.13 (31). 2012.
- Tho NV, Ogawa E, Wada H, Ryujin Y, Kanda R, Nakano Y: Quantitative imaging of airways. *APSR. Respiratory Updates*. 4 (7). 2012.
- Tanabe N, Muro S, Oguma T, Sato S, Kiyokawa H, Takahashi T, Kudo M, Kinose D, Kubo T, Hoshino Y, OgawaE, Hirai T, Mishima M: Computed tomography assessment of pharmacological lung volume reduction induced by bronchodilators in COPD. *COPD*. 9(4): 401-408. 2012.
- Otsuka K, Matsumoto H, Niimi A, Muro S, Ito I, Takeda T, Terada K, Yamaguchi M, Matsuoka H, Jinnai M, Oguma T, Nakaji H, Inoue H, Tajiri T, Iwata T, Chin K, Mishima M: Sputum YKL-40 levels and pathophysiology of asthma and chronic obstructive pulmonary disease. *Respiration*. 83: 507-519, 2012.
- Tho NV, Wada H, Ogawa E, Nakano Y: Recent findings in chronic obstructive pulmonary disease by using quantitative computed tomography. *Respir Investig*. 50 (3): 78-87. 2012.

- Teramoto K, Asada Y, Ozaki Y, Suzumura Y, Nakano Y, Sawai S, Tezuka N, Inoue S, Fujino S: A phase II study of docetaxel plus nedaplatin in patients with metastatic non-small-cell lung cancer. *Cancer Chemother Pharmacol.* 70 (4): 531-537. 2012.
- Takahashi T, Muro S, Tanabe N, Terada K, Kiyokawa H, Sato S, Hoshino Y, Ogawa E, Uno K, Naruishi K, Takashiba S, Mishima M. Relationship between periodontitis-related antibody and frequent exacerbations in chronic obstructive pulmonary disease. *PLoS ONE.* 7 (7): Article number e40570. 2012.
- Kiyokawa H, Muro S, Oguma T, Sato S, Tanabe N, Takahashi T, Kudo M, Kinose D, Kondoh H, Kubo T, Hoshino Y, Ogawa E, Hirai T, Mishima M. Impact of COPD exacerbations on osteoporosis assessed by chest CT scan. *COPD: Journal of Chronic Obstructive Pulmonary Disease.* 9 (3): 235-242. 2012.
- Tanabe N, Muro S, Tanaka S, Sato S, Oguma T, Kiyokawa H, Takahashi T, Kinose D, Hoshino Y, Kubo T, Ogawa E, Hirai T, Mishima M. Emphysema distribution and annual changes in pulmonary function in male patients with chronic obstructive pulmonary disease. *Respiratory Research.* 18 April: 31. 2012.
- Kudo M, Ogawa E, Kinose D, Haruna A, Takahashi T, Tanabe N, Marumo S, Hoshino Y, Hirai T, Sakai H, Muro S, Date H, Mishima M. Oxidative stress induced Interleukin-32 mRNA expression in human bronchial epithelial cells. *Respiratory Research.* 13; Article number 19, 2012.
- Matsumoto H, Hirata Y, Otsuka K, Iwata T, Inazumi A, Niimi A, Ito I, Ogawa E, Muro S, Sakai H, Chin K, Oku Y, Mishima M. Interleukin-13 enhanced Ca²⁺ oscillations in airway smooth muscle cells. *Cytokine.* 57 (1): 19-24. 2012.
- Kinose D, Ogawa E, Hirota T, Ito I, Kudo M, Haruna A, Marumo S, Hoshino Y, Muro S, Hirai T, Sakai H, Date H, Tamari M, Mishima M. A NOD2 gene polymorphism is associated with the prevalence and severity of chronic obstructive pulmonary disease in a Japanese population. *Respirology.* 17 (1): 164-171. 2012.
- Toda N, Fujimoto N, Kato T, Fujii N, Nakanishi G, Nagao T, Tanaka T. Erosive pustular dermatosis of the scalp-like eruption due to gefitinib: Case report and review of the literature of alopecia associated with EGFR inhibitors. *Dermatology.* 225 (1): 18-21. 2012.
- Takahashi E, Kawata Y, Niki N, Nakano Y, Harada M, Moriyama N. Computer aided diagnosis for osteoporosis based on vertebral column structure analysis. *Proceedings of SPIE.* 8315. 2012.

症例報告

- Wada H, Sakashita T, Shigemori W, Nagao T, Nakano Y: A case of pulmonary cholesterol granuloma: an (18)F-fluorodeoxyglucose positron emission tomography image. *Am J Med Sci.* 344 (5): 414-415. 2012.

2011年

- Matsumoto H, Niimi A, Takemura M, Ueda T, Yamaguchi M, Matsuoka H, Jinnai M, Takeda T, Otsuka K, Oguma T, Handa T, Hirai T, Chin K, Mishima M: Long-term changes in airway-wall thickness on computed tomography in asthmatic patients. *J Invest Allergol Clin Immunol.* 21 (2): 113-119. 2011.

- Otsuka K, Niimi A, Matsumoto H, Ito I, Yamaguchi M, Matsuoka H, Jinnai M, Oguma T, Takeda T, Nakaji H, Chin K, Sasaki K, Aoyama N, Mishima M: Plasma substance P levels in patients with persistent cough. *Respiration*. 82 (5): 431-438. 2011.
- Yamaguchi M, Shiota T, Kobashi Y: Erdheim-Chester disease presenting with pneumothorax. *Respiration*. 82: 552-556. 2011.
- Kawata Y, Hosokawa T, Niki N, Umetani K, Nakano Y, Ohmatsu H, Moriyama N, Ito H: Human pulmonary acinar airspace segmentation from three-dimensional synchrotron radiation micro CT images of secondary pulmonary lobule. *Proceedings of SPIE*. 7965. 2011.
- Matsumoto H, Niimi A, Jinnai M, Nakaji H, Takeda T, Oguma T, Otsuka K, Inoue H, Yamaguchi M, Matsuoka H, Ito I, Hirai T, Chin K, Mishima M: Association of alveolar nitric oxide levels with pulmonary function and its reversibility in stable asthma. *Respiration*. 81 (4): 311-317. 2011.
- Ryujin Y, Nakano Y. CT images of COPD. *Respiration and Circulation*. 59 (12): 1165-1174. 2011.
- Ryujin Y, Nakano Y. Prevention of exacerbation. *Japanese Journal of Chest Diseases*. 70: S206-S216. 2011.
- Tanabe N, Muro S, Hirai T, Oguma T, Terada K, Marumo S, Kinose D, Ogawa E, Hoshino Y, Mishima M. Impact of exacerbations on emphysema progression in chronic obstructive pulmonary disease. *American Journal of Respiratory and Critical Care Medicine*. 183(12): 1653-1659. 2011.
- Matsuhira M, Kawata Y, Niki N, Nakano Y, Mishima M, Ohmatsu H, Tsuchida T, Eguchi K, Kaneko M, Moriyama N. Classification algorithm of lung lobe for lung disease cases based on multislice CT images. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*. 7963: Article number796331. 2011.

症例報告

- Wada H, Seto R, Yamada H, Nagao T, Hajiro T, Nakano Y: Respiratory failure of Williams-Campbell syndrome is effectively treated by noninvasive positive pressure ventilation. *Intern Med*. 50 (16): 1729-1732, 2011.
- Seto R, Yamada H, Wada H, Osawa M, Nagao T, Nakano Y: Diffuse alveolar haemorrhage may be associated with intravitreal injection of bevacizumab in a patient with systemic risk factors. *BMJ Case Rep*. bcr.0820103224, 2011.

2010年

- Haruna A, Muro S, Nakano Y, Ohara T, Hoshino Y, Ogawa E, Hirai T, Niimi A, Nishimura K, Chin K, Mishima M: CT scan Finding of emphysema predicts mortality in COPD. *Chest*. 138 (3): 635-640. 2010.
- Sakai H, Nakano Y, Muro S, Hirai T, Takubo Y, Oku Y, Hamakawa H, Takahashi A, Sato T, Chen F, Sahara H, Fujinaga T, Sato K, Sonobe M, Shoji T, Miyahara R, Okubo K, Bando T, Hirata T, Date H, Mishima M: Age-related changes in the trachea in healthy adults. *Adv Exp Med Biol*. 662: 115-120. 2010.
- Taniguchi H, Ebina M, Kondoh Y, Ogura T, Azuma A, Suga M, Taguchi Y, Takahashi H, Nakata K, Sato A, Takeuchi M, Raghu G, Kudoh S, Nukiwa T; Pirfenidone Clinical Study Group in Japan: Pirfenidone in idiopathic pulmonary fibrosis: A phase III clinical trial in Japan. *Eur Respir J*. 35 (4): 821-829. 2010.

- Wada H, Nakano Y, Nagao T, Osawa M, Yamada H, Sakaguchi C, Matsumoto T, Tsutamoto T, Ito M, Horie M: Detection and prevalence of chronic obstructive pulmonary disease in a cardiovascular clinic: evaluation using a hand held FEV1/FEV6 meter and questionnaire. *Respirology*. 15 (8): 1252-1258. 2010.
- Yuan R, Nagao T, Pare PD, Hogg JC, Sin DD, Elliott WM, Loy L, Xing L, Kalloger SE, English JC, Mayo JR, Coxson HO: Quantification of lung surface area using computed tomography. *Respir Res*. 11 (153). 2010.
- Terada K, Muro S, Ohara T, Kudo M, Ogawa E, Hoshino Y, Hirai T, Niimi A, Chin K, Mishima M: Abnormal swallowing reflex and COPD exacerbations. *Dysphagia*. 25 (4): 350-351. 2010.
- Terada K, Muro S, Ohara T, Kudo M, Ogawa E, Hoshino Y, Hirai T, Niimi A, Chin K, Mishima M: Abnormal swallowing reflex and COPD exacerbations. *Chest*. 137 (2): 326-332. 2010.
- Nishioka M, Ogawa E, Kinose D, Haruna A, Ohara T, Ito I, Hoshino Y, Ito Y, Matsumoto H, Niimi A, Mio T, Chin K, Hirai T, Muro S, Mishima M: Lipopolysaccharide induced connective tissue growth factor gene expression in human bronchial epithelial cells. *Respirology*. 15 (4): 669-676. 2010.
- Haruna A, Oga T, Muro S, Ohara T, Sato S, Marumo S, Kinose D, Terada K, Nishioka M, Ogawa E, Hoshino Y, Hirai T, Chin K, Mishima M: Relationship between peripheral airway function and patient-reported outcomes in COPD: a cross-sectional study. *BMC Pulmonary Medicine*. 10: Article number10. 2010.
- Ogawa E: Endocrine associated disease (body weight loss, diabetes mellitus, and osteoporosis). *Respiration and Circulation*. 58 (2): 151-157. 2010.
- Honda S, Fujimoto N, Tanaka T, Nagao T: A case of erlotinib-associated acneiform eruption successfully treated with topical steroids. *Skin Research*. 9 (2): 168-172. 2010.
- Wada H, Nakano Y, Yamada H, Saiga T, Yamanaka A, Sakai N: Intravesical Mitomycin C-induced interstitial pneumonia. *Proceedings of SPIE Volume: 7965*. 2010(80):256-9.

症例報告

- Wada H, Nakano Y, Yamada H, Saiga T, Yamanaka A, Sakai N: Intravesical mitomycin C-induced interstitial pneumonia. *Respiration*. 80: 256-259. 2010.
- Yamada H, Shigemori W, Ryujin Y, Wada H, Oguma T, Osawa M, Nagao T, Nakano Y: Tracheal fistula associated with Bevacizumab 20 months after mediastinal radiation. *BMJ Case Rep*. bcr.0820103284. 2010.

2009年

- Ogawa E, Nakano Y, Ohara T, Muro S, Hirai T, Sato S, Sakai H, Tsukino M, Kinose D, Nishioka M, Niimi A, Chin K, Pare PD, Mishima M: Body mass index in male patients with chronic obstructive pulmonary disease: Correlation with low attenuation areas on CT. *Thorax*. 64 (1): 20-25. 2009.
- Akashi K, Saita S, Kubo M, Kawata Y, Niki N, Nakano Y, Nishitani H, Ohmatsu H, Eguchi K, Kaneko M, Moriyama N: Bronchial wall regions extraction algorithm using multi slice CT images. *Proc SPIE*. 7258. 2009.
- Nakano Y, Tho NV, Yamada H, Osawa M, Nagao T: Radiological approach to asthma and COPD-the role of computed tomography. *Allergol Int*. 58 (3): 323-331. 2009.

- Yuan R, Hogg JC, Pare PD, Sin DD, Wong JC, Nakano Y, McWilliams AM, Lam S, Coxson HO: Prediction of the rate of decline in FEV (1) in smokers using quantitative Computed Tomography. *Thorax*. 64 (11): 944-949. 2009.
- Wada H, Nakano Y, Kawata Y, Niki N. Diagnostic CT imaging of the chest. *Respiration and Circulation*. 57 (4): 339-347. 2009.

2008年

- Saita S, Kubo M, Kawata Y, Niki N, Nakano Y, Ohmatsu H, Tominaga K, Eguchi K, Moriyama N: Medical Imaging 2008: Algorithm of pulmonary emphysema extraction using thoracic 3-D CT images. *Proc SPIE*. 6915. 2008.
- Wong JC, Nakano Y, Coxson HO, Muller N, Pare PD, Hogg JC: Medical Imaging 2008: The influence of reconstruction algorithm on the measurement of airway dimensions using computed tomography. *Proc SPIE*. 6916. 2008.
- Nishio C, Hajiro T, Nagao T, Ito M, Sakaguchi C, Nakano Y: Specialists play a vital role in general practitioner's prescription behavior: A qualitative study of asthma care in Japan. *J Asthma*. 45 (4): 339-342. 2008.
- Ohara T, Hirai T, Sato S, Terada K, Kinose D, Haruna A, Marumo S, Nishioka M, Ogawa E, Nakano Y, Hoshino Y, Ito Y, Matsumoto H, Niimi A, Mio T, Chin K, Muro S, Mishima M: Longitudinal study of airway dimensions in chronic obstructive pulmonary disease using computed tomography. *Respirology*. 13 (3): 372-378. 2008.
- Patel BD, Coxson HO, Pillai SG, Agusti AG, Calverley PM, Donner CF, Make BJ, Muller NL, Rennard SI, Vestbo J, Wouters EF, Hiorns MP, Nakano Y, Camp PG, Nasute Fauerbach PV, Sreaton NJ, Campbell EJ, Anderson WH, Pare PD, Levy RD, Lake SL, Silverman EK, Lomas DA: Airway wall thickening and emphysema show independent familial aggregation in chronic obstructive pulmonary disease. *Am J Respir Crit Care Med*. 178 (5): 500-505. 2008.
- Yamada H, Yoshida M, Nakano Y, Suganami T, Satoh N, Mita T, Azuma K, Itoh M, Yamamoto Y, Kamei Y, Horie M, Watada H, Ogawa Y: In vivo and in vitro inhibition of monocyte adhesion to endothelial cells and endothelial adhesion molecules by eicosapentaenoic acid. *Arterioscler Thromb Vasc Biol*. 28 (12): 2173-2179. 2008.
- Nagatani Y, Nitta N, Takahashi M, Tezuka N, Nakano Y, Ikeda M, Kirino Y, Hashimoto K, Otani H, Murakami Y, Murata K: Ultra-low-dose computed tomography system with a flat panel detector: assessment of radiation dose reduction and spatial and low contrast resolution. *Radiat Med*. 26 (10): 627-635. 2008.

2007年

- Saita S, Kubo M, Kawata Y, Niki N, Nakano Y, Ohmatsu H, Tominaga K, Eguchi K, Moriyama N: Algorithm of pulmonary emphysema extraction using thoracic 3D CT images. *Proc SPIE*. 6514. 2007.
- Kawai J, Saita S, Kubo M, Kawata Y, Niki N, Nakano Y, Nishitani H, Ohmatsu H, Eguchi K, Kaneko M, Kusumoto M, Kakinuma R, Moriyama N: Medical Imaging 2007: Automated anatomical labeling algorithm of bronchial branches based on multi-slice CT images. *Proc SPIE*. 6514. 2007.

2006年

- de Jong PA, Nakano Y, Lequin MH, Tiddens HA: Dose reduction for CT in children with cystic fibrosis: Is it feasible to reduce the number of images per scan? *Pediatr Radiol.* 36 (1): 50-53. 2006.
- de Jong PA, Mayo JR, Golmohammadi K, Nakano Y, Lequin MH, Tiddens HA, Aldrich J, Coxson HO, Sin DD: Estimation of cancer mortality associated with repetitive computed tomography scanning. *Am J Respir Crit Care Med.* 173 (2): 199-203. 2006.
- de Jong PA, Long FR, Nakano Y: Computed tomography dose and variability of airway dimension measurements: How low can we go? *Pediatr Radiol.* 36 (10): 1043-1047. 2006.
- Kawai J, Saita S, Kubo M, Kawata Y, Niki N, Nakano Y, Nishitani H, Ohmatsu H, Moriyama N: Medical Imaging 2006: Automated anatomical labeling algorithm of bronchial branches based on multi-slice CT images. *Proc SPIE.* 6143. 2006.
- Saita S, Kubo M, Kawata Y, Niki N, Nakano Y, Ohmatsu H, Tominaga K, Eguchi K, Moriyama N: Medical Imaging 2006: Algorithm of pulmonary emphysema extraction using low dose thoracic 3D CT images. *Proc SPIE.* 6143. 2006.

2005年

- Tachibana H, Saita S, Yasutomo M, Kubo M, Kawata Y, Niki N, Nakano Y, Sasagawa M, Eguchi K, Moriyama N: An extraction algorithm of pulmonary fissures from multi-slice CT image. *Proc SPIE.* 5745: 1057-1065. 2005.
- de Jong PA, Nakano Y, Hop WC, Long FR, Coxson HO, Pare PD, Tiddens HA: Changes in airway dimensions on computed tomography scans of children with cystic fibrosis. *Am J Respir Crit Care Med.* 172 (2): 218-224. 2005.
- Nakano Y, Wong JC, de Jong PA, Buzatu L, Nagao T, Coxson HO, Elliott WM, Hogg, JC, Pare PD: The prediction of small airway dimensions using computed tomography. *Am J Respir Crit Care Med.* 171 (2): 142-146. 2005.
- de Jong PA, Golmohammadi K, Nakano Y, Mayo JR, Lequin MH, Tiddens HA, Aldrich J, Pare PD, Sin DD: Risks, benefits and risk reduction of repetitive computed tomography (CT) scanning in cystic fibrosis. *J Cyst Fibros.* 4 (Suppl.): S59-S73. 2005.

症例報告

- Handa T, Nagai S, Kawabata D, Nagao T, Takemura M, Kitaichi M, Izumi T, Mimori T, Mishima M: Long-term clinical course of a patient with anti PL-12 antibody accompanied by interstitial pneumonia and severe pulmonary hypertension. *Intern Med.* 44 (4): 319-325. 2005.

2004年

- Coxson HO, Chan IH, Mayo JR, Hlynsky J, Nakano Y, Birmingham CL: Early emphysema in patients with anorexia nervosa. *Am J Respir Crit Care Med.* 170 (7): 748-752. 2004.
- de Jong PA, Nakano Y, Lequin MH, Mayo JR, Woods R, Pare PD, Tiddens HA: Progressive damage on high resolution computed tomography despite stable lung function in cystic fibrosis. *Eur Respir J.* 23 (1): 93-97. 2004.
- King GG, Carroll JD, Muller NL, Whittall KP, Gao M, Nakano Y, Pare PD: Heterogeneity of narrowing in normal and asthmatic airways measured by HRCT. *Eur Respir J.* 24 (2): 211-218. 2004.
- Niimi A, Matsumoto H, Amitani R, Nakano Y, Sakai H, Takemura M, Ueda T, Chin K, Itoh H, Ingenito EP, Mishima M: Effect of short-term treatment with inhaled corticosteroid on airway wall thickening in asthma. *Am J Med.* 116 (11): 725-731. 2004.
- Niimi A, Matsumoto H, Takemura M, Ueda T, Nakano Y, Mishima M: Clinical assessment of airway remodeling in asthma: utility of computed tomography. *Clin Rev Allergy Immunol.* 27 (1): 45-58. 2004.

2003年

- Coxson HO, Whittall KP, Nakano Y, Rogers RM, Sciruba FC, Keenan RJ, Hogg JC: Selection of patients for lung volume reduction surgery using a power law analysis of the computed tomographic scan. *Thorax.* 58 (6): 510-514. 2003.
- de Jong PA, Nakano Y, Lequin MH, Merkus PJ, Tiddens HA, Hogg JC, Coxson HO: Estimation of lung growth using computed tomography. *Eur Respir J.* 22 (2): 235-238. 2003.
- Sreaton NJ, Coxson HO, Kalloger SE, Baile EM, Nakano Y, Hiorns M, Mayo JR: Detection of lung perfusion abnormalities using computed tomography in a porcine model of pulmonary embolism. *J Thorac Imaging.* 18 (1): 14-20. 2003.

2002年

- Nakano Y, Muller NL, King GG, Niimi A, Kalloger SE, Mishima M, Pare PD. Quantitative assessment of airway remodeling using high resolution computed tomography (HRCT). *Chest* 122:271S-275S. 2002.
- Nakano Y, Whittall KP, Kalloger SE, Coxson HO, Flint J, Par PD, English JC. Development and validation of human airway analysis algorithm using multidetector row CT. *Proceedings of SPIE* 4683:460-469. 2002.

2001年

- Nakano Y, Coxson HO, Bosan S, Rogers RM, Scirba FC, Keenan RJ, Walley KR, Pare PD, Hogg JC. Core to rind distribution of severe emphysema predicts outcome of lung volume reduction surgery. *Am J Respir Crit Care Med* 164 (12): 2195-2199. 2001.
- Reittner P, Coxson HO, Nakano Y, Heyneman L, Ward S, King G, Baile EM, Mayo JR. Pulmonary embolism: comparison of gadolinium-enhanced MR angiography with contrast-enhanced spiral CT in a porcine model. *Acad Radiol* 8 (4): 343-350. 2001.