

## Ⅶ. 4 先端医療センター

### Ⅶ. 4. 1 総合腫瘍科

1. Atagi S, Katakami N, Yoshioka H, Fukuoka M, Kudoh S, Ogiwara A, Imai M, Ueda M, Matsui S : Nested Case Control Study of Proteomic Biomarkers for Interstitial Lung Disease in Japanese Patients With Non-Small-Cell Lung Cancer Treated With Erlotinib: A Multicenter Phase IV Study(JO21661). *Clin Lung Cancer* 14 : 407 – 417, 2013
2. Katakami N, Atagi S, Goto K, Hida T, Horai T, Inoue A, Ichinose Y, Koboyashi K, Takeda K, Kiura K, Nishio K, Seki Y, Ebisawa R, Shahidi M, Yamamoto N : LUX-Lung 4: a phase II trial of afatinib in patients with advanced non-small-cell lung cancer who progressed during prior treatment with erlotinib, gefitinib, or both. *J Clin Oncol* 31 : 3335 – 3341, 2013
3. Kitamura J, Takahashi Y, Neri S, Tomii K, Katakami N : Lung Squamous Cell Carcinoma in a Young Female Never Smoker: A Case Report. *Ann Thorac Cardiovasc Surg*, 2013 Apr 5 [Epub ahead of print]
4. Kogure Y, Ando M, Saka H, Chiba Y, Yamamoto N, Asami K, Hirashima T, Seto T, Nagase S, Otsuka K, Yanagihara K, Takeda K, Okamoto I, Aoki T, Takayama K, Yamasaki M, Kudoh S, Katakami N, Miyazaki M, Nakagawa K : Histology and smoking status predict survival of patients with advanced non-small-cell lung cancer. Results of West Japan Oncology Group(WJOG) Study 3906L. *J Thorac Oncol* 8 : 753 – 758, 2013
5. Goto K, Nishio M, Yamamoto N, Chikamori K, Hida T, Maemondo M, Katakami N, Kozuki T, Yoshioka H, Seto T, Fukuyama T, Tamura T : A prospective, phase II, open-label study(JO22903) of first-line erlotinib in Japanese patients with epidermal growth factor receptor(EGFR) mutation-positive advanced non-small-cell lung cancer (NSCLC). *Lung Cancer* 82 : 109 – 114, 2013
6. Saito H, Yoshizawa H, Yoshimori K, Katakami N, Katsumata N, Kawahara M, Eguchi K : Efficacy and safety of single-dose fosaprepitant in the prevention of chemotherapy-induced nausea and vomiting in patients receiving high-dose cisplatin : a multicentre, randomised, double-blind, placebo-controlled phase 3 trial. *Ann Oncol* 24 : 1067 – 1073, 2013
7. Takeshita J, Katakami N, Fujita S, Imai Y : Pleural metastases from papillary thyroid carcinoma mimicking mesothelioma. *Internal Medicine* 53 : 163 – 164, 2014
8. Takeshita J, Masago K, Fujita S, Hata A, Kaji R, Kawamura T, Tamai K, Matsumoto T, Nagata K, Otsuka K, Nakagawa A, Otsuka K, Tomii K, Shintani T, Takayama K, Kokubo M, Katakami N : Weekly administration of paclitaxel and carboplatin with concurrent thoracic radiation in previously untreated elderly patients with locally advanced non-small-cell lung cancer: A case series of 20 patients. *MOLECULAR AND CLINICAL ONCOLOGY* 2 : 454 – 460, 2014
9. Tanaka K, Hata A, Kaji R, Fujita S, Otoshi T, Fujimoto D, Kawamura T, Tamai K, Takeshita J, Matsumoto T, Monden K, Nagata K, Otsuka K, Nakagawa A, Tachikawa R, Otsuka K, Tomii K, Katakami N (corresponding author) : Cytokeratin 19 Fragment Predicts the Efficacy of Epidermal Growth Factor Receptor-Tyrosine Kinase Inhibitor in Non-Small-Cell Lung Cancer Harboring EGFR Mutation. *J Thorac Oncol* 8 : 892 – 898, 2013
10. Tanioka M, Kitao A, Matsumoto K, Shibata N, Yamaguchi S, Fujiwara K, Minami H, Katakami N, Morita S, Negoro S : A randomised, placebo-controlled, double-blind study of aprepitant in nondrinking women younger than 70 years receiving moderately emetogenic chemotherapy. *Br J Cancer* 109 : 859 – 865, 2013

11. Hata A, Katakami N, Yoshioka H, Takeshita J, Tanaka K, Nanjo S, Fujita S, Kaji R, Imai Y, Monden K, Matsumoto T, Nagata K, Otsuka K, Tachikawa R, Tomii K, Kunimasa K, Iwasaku M, Nishiyama A, Ishida T, Nishimura Y : Rebiopsy of non-small cell lung cancer patients with acquired resistance to epidermal growth factor receptor-tyrosine kinase inhibitor: Comparison between T790M mutation-positive and mutation-negative populations. *Cancer* 119 : 4325 – 4332, 2013
12. Hata A, Fujita S, Kaji R, Nanjo S, Katakami N : Dose reduction or intermittent administration of erlotinib: which is better for patients suffering from intolerable toxicities? *Intern Med* 52 : 599 – 603, 2013
13. Hata A, Katakami N (corresponding author), Yoshioka H, Kunimasa K, Fujita S, Kaji R, Notohara K, Imai Y, Tachikawa R, Tomii K, Korogi Y, Iwasaku M, Nishiyama A, Ishida T : How sensitive are epidermal growth factor receptor-tyrosine kinase inhibitors for squamous cell carcinoma of the lung harboring EGFR gene-sensitive mutations? *J Thorac Oncol* 8 : 89 – 95, 2013
14. Hattori Y, Satouchi M, Katakami N, Fujita S, Kaji R, Hata A, Urata Y, Shimada T, Uchida J, Tomii K, Morita S, Negoro S : A phase II study of pemetrexed in patients with previously heavily treated non-squamous non-small cell lung cancer (HANSHIN Oncology Group 001). *Cancer Chemother Pharmacol* 73 : 17 – 23, 2014
15. Hattori Y, Iwasaku M, Satouchi M, Nishiyama A, Korogi Y, Otsuka K, Fujita S, Katakami N, Mori M, Nishino K, Morita S, Negoro S : A Phase II Study of Pemetrexed in chemotherapy-naive Elderly Patients Aged  $\geq$  75 years with Advanced Non-squamous Non-small-cell Lung Cancer (HANSHIN Oncology Group 003). *Jpn J Clin Oncol* 43 : 1184 – 1189, 2013

#### VII. 4.2 血管再生科

1. Kamata S, Miyagawa S, Fukushima S, Nakatani S, Kawamoto A, Saito A, Harada A, Shimizu T, Daimon T, Okano T, Asahara T, Sawa Y : Improvement of cardiac stem cell-sheet therapy for chronic ischemic injury by adding endothelial progenitor cell transplantation: analysis of layer-specific regional cardiac function. *Cell Transplant*, 2013 Apr 3 [Epub ahead of print]
2. Kamei N, Kwon SM, Alev C, Nakanishi K, Yamada K, Masuda H, Ishikawa M, Kawamoto A, Ochi M, Asahara T : Ex-vivo expanded human blood-derived CD133<sup>+</sup>-cells promote repair of injured spinal cord. *J Neurol Sci* 328 : 41 – 50, 2013
3. Kawakami Y, Ii M, Matsumoto T, Kawamoto A, Kuroda R, Akimaru H, Mifune Y, Shoji T, Fukui T, Asahi M, Kurosaka M, Asahara T : A small interfering RNA targeting Lnk accelerates bone fracture healing with early neovascularization. *Lab Invest* 93 : 1036 – 1053, 2014
4. 川本篤彦 : 第27回日本臨床内科医学会 シンポジウム1 先端医療はどこまで進んだか 慢性重症下肢虚血患者の救肢・救命を目指した下肢血管再生治療の開発. *日臨床内科医会誌* 29 : 55 – 59, 2014
5. 川本篤彦 : 患者を対象とした早期臨床試験 (第2部) 再生医療と臨床試験 下肢血管再生治療の臨床的・薬事的開発. *Clin Eval* 41 : 533 – 539, 2014
6. 川本篤彦, 浅原孝之 : 【血管新生の医学】幹細胞移植による治療的血管新生. *BIO Clinica* 28 : 453 – 458, 2013
7. 川本篤彦 : 第6章 非臨床安全性試験・臨床試験における評価 第2節 再生医療の臨床試験における評価 [2] 再生部位の臨床試験の評価 <1> 心臓再生における評価. 再生医療における臨床研究と製品開発, 技術情報協会, 東京, 413 – 417, 2013

8. 川本篤彦, 増田治史, 浅原孝之: II. 血管の再生 6. 虚血性疾患に対する血管再生治療. 再生医療叢書 第3巻 循環器, 日本再生医療学会 監修, 澤 芳樹, 清水達也 編, 朝倉書店, 東京, 91-107, 2013
9. Kuroda R, Matsumoto T, Niikura T, Kawakami Y, Fukui T, Lee SY, Mifune Y, Kawamata S, Fukushima M, Asahara T, Kawamoto A, Kurosaka M: Local transplantation of granulocyte colony stimulating factor-mobilized CD34+ cells for patients with femoral and tibial nonunion: Pilot clinical trial. *Stem Cells Transl Med* 3: 128-134, 2014
10. 永井洋士, 西村秀雄, 川本篤彦, 菊地克史, 福島雅典: 医療機器をめぐる現状と展望 わが国アカデミアで加速化する革新的医療機器の開発. *医薬品医療機器レギュラトリーサイエンス* 45: 51-59, 2014
11. Fujita Y, Kinoshita M, Furukawa Y, Nagano T, Hashimoto H, Hirami Y, Kurimoto Y, Arakawa K, Yamazaki K, Okada Y, Katakami N, Uno E, Matsubara Y, Fukushima M, Nada A, Losordo DW, Asahara T, Okita Y, Kawamoto A: Phase II clinical trial of CD34+ cell therapy to explore endpoint selection and timing in patients with critical limb ischemia. *Circ J* 78: 490-501, 2014
12. Matsuda T, Miyagawa S, Fukushima S, Kitagawa-Sakakida S, Akimaru H, Horii-Komatsu M, Kawamoto A, Saito A, Asahara T, Sawa Y: Human cardiac stem cells with reduced notch signaling show enhanced therapeutic potential in a rat acute infarction model. *Circ J* 78: 222-231, 2014
13. 丸山京子, 小林利英子, 橋本尚子, 藤田靖之, 川本篤彦: 慢性重症下肢虚血患者を対象とした自家末梢血CD34陽性細胞移植による下肢血管再生治療におけるG-CSFを用いない末梢血幹細胞採取の経験. *神戸市立病院紀要* 51: 47-50, 2013
14. Mifune Y, Matsumoto T, Murasawa S, Kawamoto A, Kuroda R, Shoji T, Kuroda T, Fukui T, Kawakami Y, Kurosaka M, Asahara T: Therapeutic superiority for cartilage repair by CD271 positive marrow stromal cell transplantation. *Cell Transplant* 22: 1201-1211, 2013

#### VII. 4.3 耳鼻いんこう科

1. Iwase Y, Nishio S, Yoshimura H, Kanda Y, Kumakawa K, Abe S, Naito Y, Nagai K, Usami S: OTOF mutation screening in Japanese severe to profound recessive hearing loss patients. *BMC Medical Genetics* 14: 95, 2013 (doi:10.1186/1471-2350-14-95)
2. Kanazawa Y, Naito Y, Fujiwara K, Kikuchi M, Shinohara S: Factors influencing hearing after type-III tympanoplasty using columella. *Cholesteatoma and Ear Surgery (An Update)*, edited by Takahashi H, Kugler Publications, Amsterdam The Netherlands, 129-130, 2013
3. Kanazawa Y, Naito Y, Tona R, Fujiwara K, Shinohara S, Kikuchi M, Yamazaki H, Kishimoto I, Harada H: Predictive value of middle ear aeration before second-stage operation in staged tympanoplasty with soft-wall reconstruction. *Acta Otol* 134: 135-139, 2014
4. Kikuchi M, Nakamoto Y, Shinohara S, Fujiwara K, Yamazaki H, Kanazawa Y, Kurihara R, Kishimoto I, Harada H, Naito Y: Early evaluation of neoadjuvant chemotherapy response using FDG-PET/CT predicts survival prognosis in patients with head and neck squamous cell carcinoma. *Int J Clin Oncol* 18: 402-410, 2013
5. Kishimoto I, Yamazaki H, Naito Y, Shinohara S, Fujiwara K, Kikuchi M, Kanazawa Y, Tona R, Harada H: Clinical features of rapidly progressive bilateral sensorineural hearing loss. *Acta Otol* 134: 58-65, 2014

6. 岸本逸平, 内藤 泰, 藤原敬三, 菊地正弘, 山崎博司, 金沢佑治, 栗原理紗: 当科における外リンパ嚢手術症例の臨床的検討. *Equilibrium Res* 72: 107-111, 2013
7. 篠原尚吾, 菊地正弘, 十名理紗, 金沢佑治, 岸本逸平, 原田博之, 今井幸弘, 宇佐美悠: 一般病院で可能な中咽頭癌でのヒトパピローマウイルスの検出法についての検討. *頭頸部外科* 23: 163-168, 2013
8. Shinohara S, Kikuchi M, Tona R, Kanazawa Y, Kishimoto I, Harada H, Imai Y, Usami Y: Prognostic impact of p16 and p53 expression in oropharyngeal squamous cell carcinomas. *Jpn J Clin Oncol* 44: 232-240, 2014
9. Tona R, Naito Y, Fujiwara K, Shinohara S, Kikuchi M, Yamazaki H, Kishimoto I, Harada H: Epidural abscess due to foreign body insertion into the external auditory canal in autism. *Cholesteatoma and Ear Surgery (An Update)*, edited by Takahashi H, Kugler Publications, Amsterdam The Netherlands, 421-423, 2013
10. 内藤 泰: 重度難聴の子に豊かな音を人工内耳で言葉習得. 早期の手術で効果. 共同通信ニュースサイト「47ニュース」医療新世紀 MEDICAL NEWS 今週のニュース (オンライン), 2014. 3.11
11. 内藤 泰: 難聴治療 幅広がる 補聴器・人工内耳が進化. 朝日新聞 生活, 29, 2014. 3.11
12. 内藤 泰: 重度難聴の子に豊かな音を 早期の人工内耳言語習得に有効. 神戸新聞 くらし, 21, 2014. 3.27
13. 内藤 泰: 突発性難聴. ドクターズガイド 治せる医師を本気で探す, 株式会社ソーシャライズ「ドクターズガイド」編集部, 時事通信社, 東京, 179, 2013
14. 内藤 泰, 諸頭三郎, 山本輪子: 当科で手術を行った残存聴力活用型人工内耳症例に関する研究. 厚生労働科学研究費補助金 障害者対策総合研究事業 (感覚器障害分野) 新しい人工内耳 (EAS) に関する基礎的、臨床的研究 平成24年度総括・分担研究報告書, 研究代表者 山嵜達也, 24-29, 2013
15. 内藤 泰: 小さなcommon cavity例の人工内耳手術. 耳鼻咽喉科 てこずった症例のブレイクスルー, 本庄巖 編, 第1版, 中山書店, 東京, 74-75, 2013
16. 内藤 泰: 高度難聴 (補聴器、人工内耳) severe to profound hearing loss (cochlear implant, hearing aid). 今日の治療指針2014年版, 山口 徹, 北原光夫 監修, 福井次矢, 高木 誠, 小室一成 編, 第1刷, 医学書院, 東京, 1371-1372, 2014
17. 内藤 泰, 諸頭三郎, 山本輪子: 残存聴力活用型人工内耳症例の臨床的検討. 厚生労働科学研究費補助金医療技術実用化総合研究事業 高度医療 残存聴力活用型人工内耳挿入術後耳の適応症および有効性、安全性に関する調査研究 平成24年度総合研究年度終了報告書, 研究代表者 宇佐美真一, 41-48, 2014
18. 内藤 泰, 諸頭三郎, 山本輪子, 岸本逸平, 十名理紗, 藤原敬三: -高度医療 残存聴力活用型人工内耳挿入術の適応症および有効性、安全性に対する調査研究- 当科で手術を行った残存聴力活用型人工内耳症例に関する研究. 厚生労働省科学研究補助金 障害者対策総合研究事業 (感覚器障害分野) 新しい人工内耳 (EAS) に関する基礎的、臨床的研究 平成25年度 総括・分担研究報告書, 研究代表者 山嵜達也, 22-25, 2014
19. 内藤 泰: 治療の観点から見た耳疾患の画像診断. *日本耳鼻咽喉科感染症研究会会誌* 31: 179-185, 2013
20. 内藤 泰: めまいの保存的および外科的治療 - 最近の知見 -. *頭頸部外科* 23: 33-39, 2013
21. 内藤 泰, 諸頭三郎: 聴覚領域の検査 方向感・両耳聴検査. *JOHNS* 29: 1493-1496, 2013

22. 原田博之, 藤原敬三, 内藤 泰, 篠原尚吾, 菊地正弘, 山崎博司, 金沢佑治, 十名理紗, 岸本逸平: 外耳道閉鎖術による難治性耳炎炎症性疾患の治療 - 当科で外耳道閉鎖術を施行した11名11耳の臨床的検討 -. *Otol Jpn* 23 : 827-833, 2013
23. 原田博之, 篠原尚吾, 藤原敬三, 菊地正弘, 金沢佑治, 十名理紗, 岸本逸平, 内藤 泰: 郭清頸部リンパ節の病理診断にて3種の悪性疾患を認めた1例. *耳鼻臨床* 107 : 53-58, 2014
24. 藤原敬三, 内藤 泰: 難治性中耳炎に対する外耳道閉鎖術 - blind sac closure. *耳鼻咽喉科* てこずった症例のブレイクスルー, 本庄 巖 編, 第1版, 中山書店, 東京, 36-37, 2013
25. Moteki H, Suzuki M, Naito Y, Fujiwara K, Oguchi K, Nishio S, Iwasaki S, Usami S : Evaluation of cortical processing of language by use of positron emission tomography in hearing loss children with congenital cytomegalovirus infection. *Int J Pediatr Otorhinolaryngol* 78 : 285-289, 2014
26. 山崎博司, 内藤 泰, 篠原尚吾, 菊地正弘: 悪性外耳道炎. *MB ENT* 159 : 38-45, 2013
27. Yamazaki H, Koyasu S, Moroto S, Yamamoto R, Yamazaki T, Fujiwara K, Itoh K, Naito Y : HRCT-based prediction for cochlear implant outcomes of cases with inner ear and internal auditory canal malformations. *Cholesteatoma and Ear Surgery (An Update)*, edited by Takahashi H, Kugler Publications, Amsterdam The Netherlands, 371-373, 2013
28. 山本輪子, 諸頭三郎, 山崎博司, 山崎朋子, 藤原敬三, 篠原尚吾, 十名理紗, 内藤 泰: 先天性サイトメガロウイルス感染児の人工内耳術後成績. *Audiology Japan* 56 : 743-750, 2013
29. Yoshimura H, Iwasaki S, Nishio SY, Kumakawa K, Tono T, Kobayashi Y, Sato H, Nagai K, Ishikawa K, Ikezono T, Naito Y, Fukushima K, Oshikawa C, Kimitsuki T, Nakanishi H, Usami S : Massively parallel DNA sequencing facilitates diagnosis of patients with usher syndrome type 1. *PLOS One* 9 : e90688, 2014 (doi: 10.1371/journal.pone.0090688)

#### VII. 4.4 放射線治療科

1. Aoki M, Mizowaki T, Akimoto T, Nakamura K, Ejima Y, Jingu K, Tamai Y, Nakajima N, Takemoto S, Kokubo M, Kato H : Adjuvant radiotherapy after prostatectomy for prostate cancer in Japan : A multi-institutional survey study of the JROSG. *Journal of Radiation Research* 55 : 533-540, 2014
2. Akimoto M, Nakamura M, Mukumoto N, Tanabe H, Yamada M, Matsuo Y, Monzen H, Mizowaki T, Kokubo M, Hiraoka M : Predictive uncertainty in infrared marker-based dynamic tumor tracking with Vero4DRT. *Medical Physics* 40 : 091705, 2013
3. 飯塚裕介, 松尾幸憲, 中村光宏, 宮部結城, 矢野慎輔, 山田昌弘, 溝脇尚志, 門前 一, 小久保雅樹, 平岡真寛: 肝腫瘍に対するリアルタイムモニタリング下動体追尾照射の初期経験. *定位的放射線治療* 18 : 9-16, 2014
4. Ueki N, Matsuo Y, Nakamura M, Mukumoto N, Iizuka Y, Miyabe Y, Sawada A, Mizowaki T, Kokubo M, Hiraoka M : Intra-and Interfractional Variations in Geometric Arrangement between Lung Tumours and Implanted Markers. *Radiotherapy and Oncology* 110 : 523-528, 2014
5. Ono T, Miyabe Y, Yamada M, Shiinoki T, Sawada A, Kaneko S, Monzen H, Mizowaki T, Kokubo M, Hiraoka M : Geometric and dosimetric accuracy of dynamic tumor-tracking conformal arc irradiation with a gimbaled x-ray head. *Medical Physics* 41 : 031705, 2014

6. Shiinoki T, Sawada A, Ishihara Y, Miyabe Y, Matsuo Y, Mizowaki T, Kokubo M, Hiraoka M : Dosimetric impact of gold markers implanted closely to lung tumors; A Monte Carlo simulation. *Journal of Applied Clinical Medical Physics* 15 : 4594, 2014
7. Takeshita J, Masago K, Fujita S, Hata A, Kaji R, Kawamura T, Tamai K, Matsumoto T, Nagata K, Otsuka Ky, Nakagawa A, Otsuka Ko, Tomii K, Shintani T, Takayama K, Kokubo M, Katakami N : Weekly administration of paclitaxel and carboplatin with concurrent thoracic radiation in previously untreated elderly patients with locally advanced non-small-cell lung cancer: A case series of 20 patients. *Molecular and Clinical Oncology* 2 : 454 – 460, 2014
8. Nakamura M, Sawada A, Mukumoto N, Takahashi K, Mizowaki T, Kokubo M, Hiraoka M : Effect of audio instruction on tracking errors using a four-dimensional image-guided radiotherapy system. *Journal of Applied Clinical Medical Physics* 14 : 255 – 264, 2013
9. Mukumoto N, Nakamura M, Sawada A, Suzuki Y, Takahashi K, Miyabe Y, Kaneko S, Mizowaki T, Kokubo M, Hiraoka M : Accuracy verification of infrared marker-based dynamic tumor-tracking irradiation using the gimbaled x-ray head of the vero4DRT (MHI-TM2000). *Medical Physics* 40 : 041706, 2013
10. Mukumoto N, Nakamura M, Yamada M, Takahashi K, Tanabe H, Yano S, Miyabe Y, Ueki N, Kaneko S, Matsuo Y, Mizowaki T, Sawada A, Kokubo M, Hiraoka M : Intrafractional tracking accuracy in infrared marker-based hybrid dynamic tumour-tracking irradiation with a gimbaled linac. *Radiotherapy and Oncology* 111 : 301 – 305, 2014

#### VII. 4.5 放射線技術科

1. Akamatsu G, Mitsumoto K, Taniguchi T, Tsutsui Y, Baba S, Sasaki M : Influences of point-spread function and time-of-flight reconstructions on standardized uptake value of lymph node metastases in FDG-PET. *Eur J Radiol* 83 : 226 – 230, 2014
2. Akamatsu M, Yamashita Y, Akamatsu G, Tsutsui Y, Ohya N, Nakamura Y, Sasaki M : Influences of reconstruction and attenuation correction in brain SPECT images obtained by the hybrid SPECT/CT device:evaluation with a 3-dimensional brain phantom. *Asia Oceania J Nucl Med Biol* 2 : 24 – 29, 2014