

学会等発表実績				
委託業務題目「トレーサビリティの確保された線源と画像誘導を利用した高線量率小線源治療の標準化と高度化の研究」				
機関名独立行政法人国立がん研究センター				
1. 学会等における口頭・ポスター発表				
発表した成果（発表題目、口頭・ポスター発表の別）	発表者氏名	発表した場所 （学会等名）	発表した時期	国内・外の別
切除可能非小細胞肺癌に対する術前化学放射線治療の検討、口演	黒川茉莉絵、小林裕樹、東ヶ崎巖太郎、金澤亜希、原田倫太郎、根本未歩、宇野 隆	日本放射線腫瘍学会第 27 回学術大会	2014 年 12 月	国内
非小細胞肺癌術後照射の検討、口演	小林裕樹、原田倫太郎、根本未歩、黒川茉莉絵、金澤亜希、東ヶ崎巖太郎、宇野 隆	日本放射線腫瘍学会第 27 回学術大会	2014 年 12 月	国内
当院における局所進行直腸癌に対する術前化学放射線療法の治療成績、ポスター	東ヶ崎巖太郎、金澤亜希、黒川茉莉絵、渡辺未歩、原田倫太郎、小林裕樹、宇野 隆	日本放射線腫瘍学会第 27 回学術大会	2014 年 12 月	国内
上咽頭癌に対する同時併用化学放射線治療成績、ポスター	金澤亜希、東ヶ崎巖太郎、黒川茉莉絵、渡辺未歩、原田倫太郎、小林裕樹、宇野 隆	日本放射線腫瘍学会第 27 回学術大会	2014 年 12 月	国内

<p>膣癌及び高度膣壁進展を伴った子宮頸癌に対する画像誘導小線源治療の成績</p>	<p>室伏景子 北村望 八木縁 原田亜里咲 小塚拓洋 福光延吉 粟飯原輝人 石川仁 奥村敏之 小口正彦 櫻井英幸</p>	<p>日本放射線腫瘍学会第 27 回学術大会</p>	<p>2014 年 12 月</p>	<p>国内</p>
<p>婦人科腫瘍骨盤内再発に対する組織内照射の治療成績</p>	<p>加沼玲子, 沼尻晴子, 室伏景子, 大川綾子, 水本斉志, 大西かよ 子, 福光延吉, 粟飯 原輝人, 石川仁, 奥 村敏之, 櫻井英幸:</p>	<p>日本放射線腫瘍学会第 27 回学術大会</p>	<p>2014.12.1 1-13</p>	<p>国内</p>
<p>Collaboration between diagnostic radiology and Radiation Oncology in Japan</p>	<p>H i d e k i H i r a t a</p>	<p>XIIth Balkan congress of Radiology</p>	<p>2014/10/1 6 Iisutabul</p>	<p>海外</p>
<p>放射線からみた画像と治療の考え方</p>	<p>平田 秀紀</p>	<p>日本放射線科専門医会第 27 回ミッドウインターセミナー</p>	<p>2014 年 2 月 2 日</p>	<p>国内</p>
<p>Clinical results of salvage radiation therapy after radical prostatectomy for patients with prostate cancer</p>	<p>T.Sasaki , K.Nakamura, Y Shioyama, S Ohga, T. Yoshitake, M. Shinoto, K. Terashima, K. Asai, K. Matusmoto, H.Hirata, H.Honda</p>	<p>99th Scientific Assenmly and Annual Meeting of Radiological Society of North America</p>	<p>2013 Dec.1-6 Chicago</p>	<p>海外</p>

Clinical results of stereotactic radiotherapy for patients with choroidal melanoma using CyberKnife (Accuray Inc., Sunnyvale, California) system	T.Sasaki, K.Nakamura, S.Ohga, T.Yoshitake, K.Terashima, K.Asai, K.Matusmoto, H.Hirata, H.Honda	ESTR033	2014Apr4-8 Vienna, Austria	海外
高リスク前立腺癌の外照射併用HDR組織内照射治療 ホルモン非併用長期治療成績・口頭発表	平塚純一, 神谷伸彦, 小西圭, 釋舎竜司, 余田栄作, 常義政	日本放射線腫瘍学会第27回学術大会	2014年12月	国内
<口頭> Dose-response relationship in I-125 prostate brachytherapy: 10-year experience at Tokyo Medical Center.	Yorozu A, Saito S, Toya K	International Symposium on 10th anniversary of permanent prostate brachytherapy in Japan	2014/1/17	国外
<ポスター発表> Rectal toxicity after permanent Iodine-125 seed implantation: nationwide cohort study in Japan.	Katayama N, Yorozu A, Maruo S, Kojima S, Ohashi T, Tanaka N, Dokiya T, Fukushima M, Yamanaka H, Saito S.	GU cancer symposium	2014/2/14	国外
<ポスター発表> Mapping prostate biopsy results following continuous PSA rises in patients treated with iodine-prostate brachytherapy.	Yorozu A, Saito S, Toya K, Kuroiwa N, Tanaka T, Takahashi A, Shinya Y, Nishiyama T, Yagi Y.	ABS annual meeting SanDiego, USA	2014/4/4	国外
<口頭> 10-year outcomes of prostate brachytherapy	Yagi Y, Yorozu A, Saito S, Toya K, Nishiyama T	ABS annual meeting SanDiego, USA	2014/4/4	国外

in Japan.				
<口頭> IMRT made less toxic when used in combination with brachytherapy for prostate cancer.	Yorozu A, Saito S, Kuroiwa N, Eriguchi T, Shiraishi Y, Takahashi A.	2nd Taiwan-Japan conference on the high precision radiation therapy. Taipei, Taiwan	2014/7/19	国外
<口頭> Ten-year outcomes of permanent iodine-125 seed implantation brachytherapy for prostate cancer in Japan.	Saito S, Yorozu A, Toya K, Yagi Y, Nishiyama T.	2nd Taiwan-Japan conference on the high precision radiation therapy. Taipei, Taiwan	2014/7/19	国外
<口頭> Genitourinary Toxicity after Permanent Iodine-125 Seed Implantation: A Nationwide Cohort Study in Japan (J-POPS)	N. Tanaka <sup>1</sup> , A. Yorozu, S. Maruo, S. Kojima, T. Ohashi, N. Katayama, S. Saito, T. Dokiya, M. Fukushima, H. Yamanaka	ASTRO annual meeting Sanfrancisco, USA	2014/9/17	国外
<口頭> Patterns of Failure Following Biochemical Failure in 1311 Prostate Cancer Patients Treated with Brachytherapy with/without External Beam Radiation Therapy.	Yorozu A, Shiraishi Y, Saito S, Toya K, Kuroiwa N, Tanaka T, Takahashi A, Shinya Y, Nishiyama T, Yagi Y.	ASTRO annual meeting Sanfrancisco, USA	2014/9/17	国外

<p>&lt;口頭&gt; 前立腺癌シード治療後 PSA 再発に対する マ ッピング生検</p>	<p>萬 篤憲 黒岩信 子 高橋茜 田中智樹 新谷幸 子 白石悠 戸矢和仁 西山徹 矢木康人 斉藤史 郎</p>	<p>第 16 回小線源治療部会 幕張</p>	<p>2014/5/31</p>	<p>国内</p>
<p>&lt;口頭&gt; 前立腺癌に対して ヨウ素 1225 密封小線源挿入療法 を施行した患者・家族の 被 ばく線量に関する検討</p>	<p>新谷幸子 萬 篤憲 花田剛士 黒岩信子 田中 智樹 高橋茜 斉藤史郎</p>	<p>第 16 回小線源治療部会 幕張</p>	<p>2014/5/31</p>	<p>国内</p>
<p>&lt;口頭&gt; 前立腺癌局所照射後の リンパ節再発は術前内分泌療法 により減ったのか?</p>	<p>萬 篤憲</p>	<p>第 52 回癌治療学会 横浜</p>	<p>2014/8/30</p>	<p>国内</p>
<p>&lt;口頭&gt; 高リスク限局性前立腺癌 に対する 密封小線源治療 + 外照射治療 ± 術前内分泌治療の有効性</p>	<p>矢木康人 中 村憲 斉藤史 郎 西山徹 戸矢和仁 萬 篤憲</p>	<p>第 52 回癌治療学会 横浜</p>	<p>2014/8/30</p>	<p>国内</p>
<p>&lt;口頭&gt; 前立腺癌に ヨウ素 125 密封小線源挿入療法 を行った 患者・家族の被ばく線量に 関 する検討</p>	<p>新谷幸子 萬 篤憲 花田剛士 黒岩信子 田中 智樹 高橋茜 斉藤史郎</p>	<p>第 52 回癌治療学会 横浜</p>	<p>2014/8/30</p>	<p>国内</p>
<p>&lt;口頭&gt; ヨウ素 125 密封小線源単独療法に おける尿路有害事象 (J-POPS)</p>	<p>田中宣道 萬 篤憲 片山敬久 斉藤史郎 大橋 俊夫</p>	<p>第 52 回癌治療学会 横浜</p>	<p>2014/8/30</p>	<p>国内</p>

<口頭> ヨウ素 125 密封小線源単独療法に おける QOL 評価	古賀寛史 萬 篤憲 齊藤史郎 大橋俊夫	第 52 回癌治療学会 横浜	2014/8/30	国内
<口頭> J-POPS 研究における I-125 密封小線源永久挿入療法後 の線源迷入についての検討	仲野正博 田中 宣道 萬 篤憲 片山敬久 齊藤史郎 大橋 俊夫	第 52 回癌治療学会 横浜	2014/8/30	国内
<口頭> 前立腺癌シード治療における RAPID STRAND の使用経験	戸矢和仁 萬 篤憲 黒岩信 子 高橋茜 田中智樹 新谷 幸子 白石悠 西山徹 矢木 康人 齊藤史郎	第 27 回 日本放射線腫瘍学会 横 浜	2014/12/1 1	国内
2 . 学会誌・雑誌等における論文掲載				
掲載した論文（発表題目）	発表者氏名	発表した場所 （学会誌・雑誌等名）	発表した 時期	国 内・ 外の 別
Correlation of (18)F-BPA and (18)F-FDG uptake in head and neck cancers.	Tani H, Kurihara H, Hiroi K, Honda N, Yoshimoto M, Kono Y, Murakami R, Kumita S, Arai Y, Itami J.:	Radiother Oncol 2014 Nov;113(2):193-7.	2014 Nov	国外

<p>A dosimetric analysis of intensity-modulated radiation therapy with bone marrow sparing for cervical cancer.</p>	<p>Murakami N, Okamoto H, Kasamatsu T, Kobayashi K, Harada K, Kitaguchi M, Sekii S, Takahashi K, Yoshio K, Inaba K, Morota M, Sumi M, Toita T, Ito Y, Itami J.:</p>	<p>Anticancer Res 2014 Sep;34(9):5091-8.</p>	<p>2014 Sept</p>	<p>国外</p>
<p>Postmortem radiation safety and issues pertaining to permanent prostate seed implantation in Japan.</p>	<p>Satoh T, Dokiya T, Yamanaka H, Saito S, Ishiyama H, Itami J, Shibuya H, Nakano T, Shigematsu N, Aoki M, Egawa S, Hashimoto M, Nishimura T, Yorozu A.</p>	<p>Brachytherapy 2014 Sep 5. pii: S1538-4721(14)00632-1. doi: 10.1016/j.brachy.2014.08.043.</p>	<p>2014 Sept</p>	<p>国外</p>
<p>Radiotherapy for gastric lymphoma: a planning study of 3D conformal radiotherapy, the half-beam method, and intensity-modulated radiotherapy.</p>	<p>Inaba K, Okamoto H, Wakita A, Nakamura S, Kobayashi K, Harada K, Kitaguchi M, Sekii S, Takahashi K, Yoshio K, Murakami N, Morota M, Ito Y, Sumi M, Uno T, Itami J</p>	<p>J Radiat Res 2014 Nov;55(6):1141-5.</p>	<p>2014 Nov</p>	<p>国外</p>

<p>Severe gastrointestinal bleeding in patients with locally advanced head and neck squamous cell carcinoma treated by concurrent radiotherapy and Cetuximab.</p>	<p>Murakami N, Yoshimoto S, Matsumoto F, Ueno T, Ito Y, Watanabe S, Kobayashi K, Harada K, Kitaguchi M, Sekii S, Takahashi K, Yoshio K, Inaba K, Morota M, Sumi M, Saito Y, Itami J</p>	<p>J Cancer Res Clin Oncol. 2014 Aug 15. [Epub ahead of print]</p>	<p>2014 Aug</p>	<p>国外</p>
<p>Expression of EpCAM and prognosis in early-stage glottic cancer treated by radiotherapy.</p>	<p>Murakami N, Mori T, Yoshimoto S, Ito Y, Kobayashi K, Ken H, Kitaguchi M, Sekii S, Takahashi K, Yoshio K, Inaba K, Morota M, Sumi M, Itami J.</p>	<p>Laryngoscope 2014 Nov;124(11):E431-6.</p>	<p>2014 Nov</p>	<p>国外</p>
<p>CT based three dimensional dose-volume evaluations for high-dose rate intracavitary brachytherapy for cervical cancer.</p>	<p>Murakami N, Kasamatsu T, Wakita A, Nakamura S, Okamoto H, Inaba K, Morota M, Ito Y, Sumi M, Itami J. :</p>	<p>BMC Cancer 2014 Jun 17;14:447. doi: 10.1186/1471-2407-14-447 .</p>	<p>2014 Jun</p>	<p>国外</p>



Dose error from deviation of dwell time and source position for high dose-rate 192Ir in remote afterloading system.	Okamoto H, Aikawa A, Wakita A, Yoshio K, Murakami N, Nakamura S, Hamada M, Abe Y, Itami J.	J Radiat Res 2014 Jul;55(4):780-7.	2014 Jul	国外
Localized ocular adnexal mucosa-associated lymphoid tissue lymphoma treated with radiation therapy: a long-term outcome in 86 patients with 104 treated eyes.	11. Harada K, Murakami N, Kitaguchi M, Sekii S, Takahashi K, Yoshio K, Inaba K, Morota M, Ito Y, Sumi M, Suzuki S, Tobinai K, Uno T, Itami J.	Int J Radiat Oncol Biol Phys. 2014 Mar 1;88(3):650-4.	2014 Mar	国外
Commissioning of 6 MV medical linac for dynamic MLC-based IMRT on Monte Carlo code GEANT4.	Okamoto H, Fujita Y, Sakama K, Saitoh H, Kanai T, Itami J, Kohno T.	Radiol Phys Technol 2014 Jul;7(2):246-53.	2014 Jul	国外
Vaginal tolerance of CT based image-guided high-dose rate interstitial brachytherapy for gynecological malignancies.	Murakami N, Kasamatsu T, Sumi M, Yoshimura R, Harada K, Kitaguchi M, Sekii S, Takahashi K, Yoshio K, Inaba K, Morota M, Ito Y, Itami J.	Radiat Oncol 2014 Jan 23;9:31. doi: 10.1186/1748-717X-9-31.	2014 Jan	国外

Delayed renal dysfunction after total body irradiation in pediatric malignancies.	Watanabe Nemoto M, Isobe K, Togasaki G, Kanazawa A, Kurokawa M, Saito M, Harada R, Kobayashi H, Ito H, Uno T.	J Radiat Res 2014 Sep;55(5):996-1001.	2014 Sept	国外
Japanese structure survey of high-precision radiotherapy in 2012 based on institutional questionnaire about the patterns of care.	Tomita N, Kodaira T, Teshima T, Ogawa K, Kumazaki Y, Yamauchi C, Toita T, Uno T, Sumi M, Onishi H, Kenjo M, Nakamura K.	Jpn J Clin Oncol 2014 Jun;44(6):579-86.	2014 Jun	国外
The Efficacy of Palonosetron Plus Dexamethasone in Preventing Chemoradiotherapy-induced Nausea and Emesis in Patients Receiving Daily Low-dose Cisplatin-based Concurrent Chemoradiotherapy for Uterine Cervical Cancer: A Phase II Study.	Mitsuhashi A, Usui H, Nishikimi K, Yamamoto N, Hanawa S, Tate S, Watanabe-Nemoto M, Uno T, Shozu M.	Am J Clin Oncol 2014 Aug 20. [Epub ahead of print]	2014 Aug	国外

<p>Is the outcome of a salvage surgery for T4 thoracic esophageal squamous cell carcinoma really poor?</p>	<p>Akutsu Y, Kono T, Uesato M, Hoshino I, Murakami K, Aoyagi T, Ota T, Toyozumi T, Suito H, Kobayashi H, Harada R, Uno T, Matsubara H.</p>	<p>World J Surg 2014 Nov;38(11):2891-7.</p>		<p>国外</p>
<p>The Japanese Breast Cancer Society clinical practice guideline for radiotherapy of breast cancer.</p>	<p>Sekiguchi K, Ogawa Y, Sanuki N, Arahira S, Ogo E, Yoshimura M, Yamauchi C, Oguchi M, Ohsumi S, Mukai H.</p>	<p>Breast Cancer. 2014 Jul 15. [Epub ahead of print]</p>	<p>2014 Jul</p>	<p>国外</p>
<p>Successful use of endoscopic argon plasma coagulation for hemorrhagic radiation cystitis: a case report.</p>	<p>Suzuki S, Chino A, Fukui I, Hayashi T, Kozuka T, Suganuma T, Kishihara T, Tamegai Y, Fujisaki J, Oguchi M, Yonese J, Igarashi M.</p>	<p>Jpn J Clin Oncol 2014 Jul;44(7):692-5.</p>	<p>2014 Jul</p>	<p>国外</p>
<p>Long-term oncological outcome in men with T3 prostate cancer: radical prostatectomy versus external-beam radiation therapy at a single institution.</p>	<p>Yamamoto S, Kawakami S, Yonese J, Fujii Y, Urakami S, Kitsukawa S, Masuda H, Ishikawa Y, Kozuka T, Oguchi M, Kohno A, Fukui I.</p>	<p>Int J Clin Oncol 2014 Dec;19(6):1085-91.</p>	<p>2014 Dec</p>	<p>国外</p>

Longitudinal change in health-related quality of life after intensity-modulated radiation monotherapy for clinically localized prostate cancer.	Yamamoto S, Fujii Y, Masuda H, Urakami S, Saito K, Kozuka T, Oguchi M, Fukui I, Yonese J	Qual Life Res. 2014 Jun;23(5):1641-50.	2014 Jun	国外
Long-term survival after treatment of glioblastoma multiforme with hyperfractionated concomitant boost proton beam therapy.	Mizumoto M, Yamamoto T, Takano S, Ishikawa E, Matsumura A, Ishikawa H, Okumura T, Sakurai H, Miyatake SI, Tsuboi K.	Pract Radiat Oncol 2014 Oct 19. pii: S1879-8500(14)00072-1. doi:10.1016/j.prro.2014.03.012.	2014 Oct	国外
Proton beam therapy for unresectable intrahepatic cholangiocarcinoma. .	Ohkawa A, Mizumoto M, Ishikawa H, Abei M, Fukuda K, Hashimoto T, Sakae T, Tsuboi K, Okumura T, Sakurai H.:	J Gastroenterol Hepatol 2014 Nov 5. doi: 10.1111/jgh.12843	2014 Nov	国外
Comparison of dose-volume histograms between proton beam and X-ray conformal radiotherapy for locally advanced non-small-cell lung cancer.	Ohno T, Oshiro Y, Mizumoto M, Numajiri H, Ishikawa H, Okumura T, Terunuma T, Sakae T, Sakurai H.	J Radiat Res 2014 Nov 3. pii: rru082.	2014 Nov	国外
Optimal hypofractionated conformal radiotherapy for large brain metastases in patients with high risk factors: a single-institutional	Inoue HK, Sato H, Suzuki Y, Saitoh JI, Noda SE, Seto KI, Torikai K, Sakurai H, Nakano T.	Radiat Oncol 2014 Oct 17;9(1):231.	2014 Oct	国外

prospective study.				
Association between pretreatment retention rate of indocyanine green 15min after administration and life prognosis in patients with HCC treated by proton beam therapy.	Mizumoto M, Oshiro Y, Okumura T, Fukuda K, Fukumitsu N, Abei M, Ishikawa H, Ohnishi K, Numajiri H, Tsuboi K, Sakurai H	Radiother Oncol 2014 Oct;113(1):54-9.	2014 Oct	国外
Proton beam therapy for a patient with a giant thymic carcinoid tumor and severe superior vena cava syndrome.	Sugawara K, Mizumoto M, Numajiri H, Ohno T, Ohnishi K, Ishikawa H, Okumura T, Sakurai H.	Rare Tumors 2014 May 13;6(2):5177. doi: 10.4081/rt.2014.5177.	2014 May	国外
Total skin electron beam therapy using an inclinable couch on motorized table and a compensating filter.	Fuse H, Suzuki K, Shida K, Mori Y, Takahashi H, Kobayashi D, Seki M, Isobe T, Okumura T, Sakae T, Sakurai H.	Rev Sci Instrum 2014 Jun;85(6):064301. doi: 10.1063/1.4882336.	2014 Jun	国外

<p>High-dose concurrent chemo-proton therapy for Stage III NSCLC: preliminary results of a Phase II study. .</p>	<p>Oshiro Y, Okumura T, Kurishima K, Homma S, Mizumoto M, Ishikawa H, Onizuka M, Sakai M, Goto Y, Hizawa N, Sato Y, Sakurai H.</p>	<p>J Radiat Res 2014 Sep;55(5):959-65</p>	<p>2014 Sept</p>	<p>国外</p>
<p>Gemcitabine-based chemoradiotherapy followed by surgery for borderline resectable and locally unresectable pancreatic ductal adenocarcinoma: significance of the CA19-9 reduction rate and intratumoral human equilibrative nucleoside transporter 1 expression.</p>	<p>Kobayashi M, Mizuno S, Murata Y, Kishiwada M, Usui M, Sakurai H, Tabata M, Ii N, Yamakado K, Inoue H, Shiraishi T, Yamada T, Isaji S.</p>	<p>Pancreas. 2014 Apr;43(3):350-60.</p>		<p>国外</p>
<p>Optimal hypofractionated conformal radiotherapy for large brain metastases in patients with high risk factors: a single-institutional prospective study.</p>	<p>Inoue HK, Sato H, Suzuki Y, Saitoh JI, Noda SE, Seto KI, Torikai K, Sakurai H, Nakano T.</p>	<p>Radiat Oncol 2014 Oct 17;9(1):231.</p>	<p>2014 Oct</p>	<p>国外</p>

HLA class I expression and its alteration by preoperative hyperthermo-chemoradiotherapy in patients with rectal cancer.	Sato H, Suzuki Y, Ide M, Katoh T, Noda SE, Ando K, Oike T, Yoshimoto Y, Okonogi N, Mimura K, Asao T, Kuwano H, Nakano T.	PLoS One. 2014 Sep 26;9(9):e108122. doi: 10.1371/journal.pone.0108122.	2014 Sept	国外
Dosimetric analysis between carbon ion radiotherapy and stereotactic body radiotherapy in stage I lung cancer.	Ebara T, Shimada H, Kawamura H, Shirai K, Saito J, Kawashima M, Tashiro M, Ohno T, Kanai T, Nakano T.	Anticancer Res 2014 Sep;34(9):5099-104.	2014 Sept	国外
Comparison of the radiosensitivities of neurons and glial cells derived from the same rat brain.	Kudo S, Suzuki Y, Noda SE, Mizui T, Shirai K, Okamoto M, Kaminuma T, Yoshida Y, Shirao T, Nakano T.:	Exp Ther Med. 2014 Sep;8(3):754-758.	2014 Sept	国外
C646, a selective small molecule inhibitor of histone acetyltransferase p300, radiosensitizes lung cancer cells by enhancing mitotic catastrophe.	Oike T, Komachi M, Ogiwara H, Amornwichee N, Saitoh Y, Torikai K, Kubo N, Nakano T, Kohno T.:	Radiother Oncol. 2014 May;111(2):222-7	2014 May	国外

Molecular mechanisms underlying oncogenic RET fusion in lung adenocarcinoma.	Mizukami T, Shiraishi K, Shimada Y, Ogiwara H, Tsuta K, Ichikawa H, Sakamoto H, Kato M, Shibata T, Nakano T, Kohno T.	J Thorac Oncol 2014 May;9(5):622-30.	2014 May	国外
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