

Wissenschaftliche Publikationen 2013

Originalarbeiten

Erstautorenschaften

Dörr W.

[Radiation dose to the pancreas and risk of diabetes mellitus in children surviving cancer after abdominal radiotherapy].

Strahlenther Onkol. 2013 Jun;189(6):510-1.

Dörr W, Kallfels S, Herrmann T.

Late bone and soft tissue sequelae of childhood radiotherapy. Relevance of treatment age and radiation dose in 146 children treated between 1970 and 1997.

Strahlenther Onkol. 2013 Jul;189(7):529-34.

Furtado H, Steiner E, Stock M, Georg D, Birkfellner W.

Real-time 2D/3D registration using kV-MV image pairs for tumor motion tracking in image guided radiotherapy.

Acta Oncol. 2013 Oct;52(7):1464-71.

Georg D, Dieckmann K.

[Professor Richard Pötter's 65th birthday].

Strahlenther Onkol. 2013 Aug;189(8):713-4.

Georg P, Boni A, Ghabouos A, Goldner G, Schmid MP, Georg D, Pötter R, Dörr W.

Time course of late rectal- and urinary bladder side effects after MRI-guided adaptive brachytherapy for cervical cancer.

Strahlenther Onkol. 2013 Jul;189(7):535-40.

Georg P, Kirisits C, Pötter R, Georg D, Dörr W.

In reply A. Sharma et al.

Int J Radiat Oncol Biol Phys. 2013 Feb 1;85(2):288-9.

Goldner G.

[Adjuvant radiotherapy following lymphadenectomy for malignant melanoma significantly improves local control].

Strahlenther Onkol. 2013 Jan;189(1):95-6.

Góra J, Hopfgartner J, Kuess P, Paskeviciute B, Georg D.

Is there room for combined modality treatments? Dosimetric comparison of boost strategies for advanced head and neck and prostate cancer.

J Radiat Res. 2013 Jul;54 Suppl 1:i97-112.

Góra J, Stock M, Lütgendorf-Caucig C, Georg D.

Is there an advantage in designing adapted, patient-specific PTV margins in intensity modulated proton beam therapy for prostate cancer?

Int J Radiat Oncol Biol Phys. 2013 Mar 1;85(3):881-8.

Hebar A, Valent P, Selzer E. The impact of molecular targets in cancer drug development: major hurdles and future strategies.

Expert Rev Clin Pharmacol. 2013 Jan;6(1):23-34.

Hegazy N, Pötter R, Kirisits C, Berger D, Federico M, Sturdza A, Nesvacil N.

High-risk clinical target volume delineation in CT-guided cervical cancer brachytherapy: impact of information from FIGO stage with or without systematic inclusion of 3D documentation of clinical gynecological examination.

Acta Oncol. 2013 Oct;52(7):1345-52.

Hopfgartner J, Stock M, Knäusl B, Georg D.

Robustness of IMPT treatment plans with respect to inter-fractional set-up uncertainties: impact of various beam arrangements for cranial targets.
Acta Oncol. 2013 Apr;52(3):570-9.

Kirchheiner K, Czajka A, Ponocny-Seliger E, Komarek E, Hohenberg G, Pötter R, Dörr W.
Validation and practical implementation of a multidisciplinary cancer distress screening questionnaire.
Strahlenther Onkol. 2013 Jul;189(7):573-8.

Kirchheiner K, Czajka A, Ponocny-Seliger E, Lütgendorf-Caucig C, Schmid MP, Komarek E, Pötter R, Dörr W.
Physical and psychosocial support requirements of 1,500 patients starting radiotherapy.
Strahlenther Onkol. 2013 May;189(5):424-9.

Knäusl B, Rausch IF, Bergmann H, Dudczak R, Hirtl A, Georg D.
Influence of PET reconstruction parameters on the TrueX algorithm. A combined phantom and patient study.
Nuklearmedizin. 2013;52(1):28-35.

Knäusl B, Lütgendorf-Caucig C, Hopfgartner J, Dieckmann K, Kurch L, Pelz T, Pötter R, Georg D.
Can treatment of pediatric Hodgkin's lymphoma be improved by PET imaging and proton therapy?
Strahlenther Onkol. 2013 Jan;189(1):54-61.

Kuess P, Helmbrecht S, Fiedler F, Birkfellner W, Enghardt W, Hopfgartner J, Georg D.
Automated evaluation of setup errors in carbon ion therapy using PET: feasibility study.
Med Phys. 2013 Dec;40(12):121718.

Lang S, Nesvacil N, Kirisits C, Georg P, Dimopoulos JC, Federico M, Pötter R.
Uncertainty analysis for 3D image-based cervix cancer brachytherapy by repetitive MR imaging: assessment of DVH-variations between two HDR fractions within one applicator insertion and their clinical relevance.
Radiother Oncol. 2013 Apr;107(1):26-31.

Lechner W, Palmans H, Sölkner L, Grochowska P, Georg D.
Detector comparison for small field output factor measurements in flattening filter free photon beams.
Radiother Oncol. 2013 Dec;109(3):356-60.

Lechner W, Kragl G, Georg D.
Evaluation of treatment plan quality of IMRT and VMAT with and without flattening filter using Pareto optimal fronts.
Radiother Oncol. 2013 Dec;109(3):437-41.

Nesvacil N, Tanderup K, Hellebust TP, De Leeuw A, Lang S, Mohamed S, Jamema SV, Anderson C, Pötter R, Kirisits C.
A multicentre comparison of the dosimetric impact of inter- and intra-fractional anatomical variations in fractionated cervix cancer brachytherapy.
Radiother Oncol. 2013 Apr;107(1):20-5.

Nesvacil N, Pötter R, Sturdza A, Hegazy N, Federico M, Kirisits C.
Adaptive image guided brachytherapy for cervical cancer: a combined MRI-/CT-planning technique with MRI only at first fraction.
Radiother Oncol. 2013 Apr;107(1):75-81.

Nkiwane KS, Pötter R, Tanderup K, Federico M, Lindegaard JC, Kirisits C.
Single line source with and without vaginal loading and the impact on target coverage and organ at risk doses for cervix cancer Stages IB, II, and IIIB: treatment planning simulation in patients treated with MRI-guided adaptive brachytherapy in a multicentre study (EMBRACE).
Brachytherapy. 2013 Jul-Aug;12(4):317-23.

Pasler M, Georg D, Bartelt S, Lutterbach J.
Node-positive left-sided breast cancer: does VMAT improve treatment plan quality with respect to IMRT?
Strahlenther Onkol. 2013 May;189(5):380-6.

Schmid MP, Pötter R, Brader P, Kratochwil A, Goldner G, Kirchheiner K, Sturdza A, Kirisits C.
Feasibility of transrectal ultrasonography for assessment of cervical cancer.
Strahlenther Onkol. 2013 Feb;189(2):123-8.

Schmid MP, Mansmann B, Federico M, Dimopoulos JC, Georg P, Fidarova E, Dörr W, Pötter R.
Residual tumour volumes and grey zones after external beam radiotherapy (with or without
chemotherapy) in cervical cancer patients. A low-field MRI study.
Strahlenther Onkol. 2013 Mar;189(3):238-44.

Schmid MP, Fidarova E, Pötter R, Petric P, Bauer V, Woehs V, Georg P, Kirchheiner K, Berger D,
Kirisits C, Dörr W, Dimopoulos JC.
Magnetic resonance imaging for assessment of parametrial tumour spread and regression patterns in
adaptive cervix cancer radiotherapy.
Acta Oncol. 2013 Oct;52(7):1384-90.

Selzer E, Kornek G.
Targeted drugs in combination with radiotherapy for the treatment of solid tumors: current state and
future developments.
Expert Rev Clin Pharmacol. 2013 Nov;6(6):663-76.

Steiner E, Stock M, Kostresevic B, Ableitinger A, Jelen U, Prokesch H, Santiago A, Trnková P, Wolf A,
Wittig A, Lomax A, Jäkel O, Baroni G, Georg D.
Imaging dose assessment for IGRT in particle beam therapy.
Radiother Oncol. 2013 Dec;109(3):409-13.

Steiner E, Georg D, Goldner G, Stock M.
Prostate and patient intrafraction motion: impact on treatment time-dependent planning margins for
patients with endorectal balloon.
Int J Radiat Oncol Biol Phys. 2013 Jul 15;86(4):755-61.

Zambrano V, Furtado H, Fabri D, Lütgendorf-Caucig C, Góra J, Stock M, Mayer R, Birkfellner W,
Georg D.
Performance validation of deformable image registration in the pelvic region.
J Radiat Res. 2013 Jul;54 Suppl 1:i120-8.

Koautorenschaften

AGO; DGS; SGS; ÖGS; Panelists; Executive Board Members, Hoffmann J, Souchon R, Lebeau A,
Öhlschlegel C, Gruber G, Rageth C, Weber W, Harbeck N, Janni W, Kreipe H, Fitzal F, Resch A,
Bago-Horvath Z, Peintinger F.
German, Austrian and Swiss consensus conference on the diagnosis and local treatment of the axilla
in breast cancer.
Eur J Cancer. 2013 Jul;49(10):2277-83.

Ableitinger A, Vatnitsky S, Herrmann R, Bassler N, Palmans H, Sharpe P, Ecker S, Chaudhri N, Jäkel
O, Georg D.
Dosimetry auditing procedure with alanine dosimeters for light ion beam therapy.
Radiother Oncol. 2013 Jul;108(1):99-106.

Barjaktarovic Z, Shyla A, Azimzadeh O, Schulz S, Haagen J, Dörr W, Sarioglu H, Atkinson MJ,
Zischka H, Tapio S.
Ionising radiation induces persistent alterations in the cardiac mitochondrial function of C57BL/6 mice
40 weeks after local heart exposure.
Radiother Oncol. 2013 Mar;106(3):404-10.

Berghoff AS, Spanberger T, Ilhan-Mutlu A, Magerle M, Hutterer M, Woehrer A, Hackl M, Widhalm G, Dieckmann K, Marosi C, Birner P, Prayer D, Preusser M.
Preoperative diffusion-weighted imaging of single brain metastases correlates with patient survival times.

PLoS One. 2013;8(2):e55464.

Combs SE, Djosanjh M, Pötter R, Orrechia R, Haberer T, Durante M, Fossati P, Parodi K, Balosso J, Amaldi U, Baumann M, Debus J.

Towards clinical evidence in particle therapy: ENLIGHT, PARTNER, ULICE and beyond.
J Radiat Res. 2013 Jul;54

De Brabandere M, Al-Qaisieh B, De Wever L, Haustermans K, Kirisits C, Moerland MA, Oyen R, Rijnders A, Van den Heuvel F, Siebert FA.

CT- and MRI-based seed localization in postimplant evaluation after prostate brachytherapy.
Brachytherapy. 2013 Nov-Dec;12(6):580-8.

Dörffel W, Rühl U, Lüders H, Claviez A, Albrecht M, Böklerink J, Holte H, Karlen J, Mann G, Marciniak H, Niggli F, Schmiegelow K, Schwarze EW, Pötter R, Wickmann L, Schellong G.

Treatment of children and adolescents with Hodgkin lymphoma without radiotherapy for patients in complete remission after chemotherapy: final results of the multinational trial GPOH-HD95.
J Clin Oncol. 2013 Apr 20;31(12):1562-8.

Dunavoelgyi R, Georg D, Zehetmayer M, Schmidt-Erfurth U, Pötter R, Dörr W, Dieckmann K.

Dose-response of critical structures in the posterior eye segment to hypofractionated stereotactic photon radiotherapy of choroidal melanoma.

Radiother Oncol. 2013 Aug;108(2):348-53.

Dunavoelgyi R, Zehetmayer M, Gleiss A, Geitzenauer W, Kircher K, Georg D, Schmidt-Erfurth U, Poetter R, Dieckmann K.

Hypofractionated stereotactic photon radiotherapy of posteriorly located choroidal melanoma with five fractions at ten Gy--clinical results after six years of experience.

Radiother Oncol. 2013 Aug;108(2):342-7.

Eich HT, Haverkamp U, Pötter R, Sauer R.

[In memory of Prof. Dr. med. Rolf-Peter Müller].

Strahlenther Onkol. 2013 Jan;189(1):87-8.

Fabri D, Zambrano V, Bhatia A, Furtado H, Bergmann H, Stock M, Bloch C, Lütgendorf-Caucig C, Pawiro S, Georg D, Birkfellner W, Figl M.

A quantitative comparison of the performance of three deformable registration algorithms in radiotherapy.

Z Med Phys. 2013 Dec;23(4):279-90.

Flechl B, Ackerl M, Sax C, Oberndorfer S, Calabek B, Sizoo E, Reijneveld J, Crevenna R, Keilani M, Gaiger A, Dieckmann K, Preusser M, Taphoorn MJ, Marosi C.

The caregivers' perspective on the end-of-life phase of glioblastoma patients.

J Neurooncol. 2013 May;112(3):403-11.

Gaze MN, Boterberg T, Dieckmann K, Hörmann M, Gains JE, Sullivan KP, Ladenstein R.

Results of a quality assurance review of external beam radiation therapy in the International Society of Paediatric Oncology (Europe) Neuroblastoma Group's High-risk Neuroblastoma Trial: a SIOPEN study.

Int J Radiat Oncol Biol Phys. 2013 Jan 1;85(1):170-4.

Guckenberger M, Klement RJ, Allgäuer M, Appold S, Dieckmann K, Ernst I, Ganswindt U, Holy R, Nestle U, Nevinny-Stickel M, Semrau S, Sterzing F, Wittig A, Andratschke N, Flentje M.

Applicability of the linear-quadratic formalism for modeling local tumor control probability in high dose per fraction stereotactic body radiotherapy for early stage non-small cell lung cancer.

Radiother Oncol. 2013 Oct;109(1):13-20.

Guckenberger M, Allgäuer M, Appold S, Dieckmann K, Ernst I, Ganswindt U, Holy R, Nestle U, Nevinny-Stickel M, Semrau S, Sterzing F, Wittig A, Andratschke N.

Safety and efficacy of stereotactic body radiotherapy for stage 1 non-small-cell lung cancer in routine clinical practice: a patterns-of-care and outcome analysis.
J Thorac Oncol. 2013 Aug;8(8):1050-8.

Hannoun-Levi JM, Resch A, Gal J, Kauer-Dorner D, Strnad V, Niehoff P, Loessl K, Kovács G, Van Limbergen E, Polgár C; GEC-ESTRO Breast Cancer Working Group.
Accelerated partial breast irradiation with interstitial brachytherapy as second conservative treatment for ipsilateral breast tumour recurrence: multicentric study of the GEC-ESTRO Breast Cancer Working Group. Radiother Oncol. 2013 Aug;108(2):226-31.

Hassler MR, Pfeifer W, Knocke-Abulesz TH, Geissler K, Altorjai G, Dieckmann K, Marosi C.
Temozolomide added to whole brain radiotherapy in patients with multiple brain metastases of non-small-cell lung cancer: a multicentric Austrian phase II study.
Wien Klin Wochenschr. 2013 Aug;125(15-16):481-6.

Hellebust TP, Tanderup K, Lervåg C, Fidarova E, Berger D, Malinen E, Pötter R, Petrič P.
Dosimetric impact of interobserver variability in MRI-based delineation for cervical cancer brachytherapy.
Radiother Oncol. 2013 Apr;107(1):13-9.

Ilhan-Mutlu A, Berghoff AS, Furtner J, Dieckmann K, Slavic I, Czech T, Marosi C, Wagner L, Preusser M.
High plasma-GFAP levels in metastatic myxopapillary ependymoma.
J Neurooncol. 2013 Jul;113(3):359-63.

Kaar M, Figl M, Hoffmann R, Birkfellner W, Stock M, Georg D, Goldner G, Hummel J.
Automatic patient alignment system using 3D ultrasound.
Med Phys. 2013 Apr;40(4):041714.

Keil F, Selzer E, Berghold A, Reinisch S, Kapp KS, De Vries A, Greil R, Bachtiry B, Tinchon C, Anderhuber W, Burian M, Kasperek AK, Elsässer W, Kainz H, Riedl R, Kopp M, Kornek G.
Induction chemotherapy with docetaxel, cisplatin and 5-fluorouracil followed by radiotherapy with cetuximab for locally advanced squamous cell carcinoma of the head and neck.
Eur J Cancer. 2013 Jan;49(2):352-9.

Leibetseder A, Ackerl M, Flechl B, Wöhrer A, Widhalm G, Dieckmann K, Kreinecker SS, Pichler J, Hainfellner J, Preusser M, Marosi C.
Outcome and molecular characteristics of adolescent and young adult patients with newly diagnosed primary glioblastoma: a study of the Society of Austrian Neurooncology (SANO).
Neuro Oncol. 2013 Jan;15(1):112-21.

Monceau V, Meziani L, Strup-Perrot C, Morel E, Schmidt M, Haagen J, Escoubet B, Dörr W, Vozenin MC.
Enhanced sensitivity to low dose irradiation of ApoE^{-/-} mice mediated by early pro-inflammatory profile and delayed activation of the TGFβ1 cascade involved in fibrogenesis.
PLoS One. 2013;8(2):e57052.

Perisanidis C, Wrba F, Brandstetter A, Kornek G, Mitchell D, Seemann R, Selzer E, Ewers R, Filipits M.
Impact of epidermal growth factor receptor, mesenchymal-epithelial transition factor, and insulin-like growth factor receptor 1 expression on survival of patients with oral and oropharyngeal cancer.
Br J Oral Maxillofac Surg. 2013 Apr;51(3):234-40.

Perisanidis C, Mittlböck M, Schoppmann A, Kornek G, Starlinger P, Stift A, Selzer E, Schopper C, Ewers R.
Postoperative failure of platelet recovery is an independent risk factor for poor survival in patients with oral and oropharyngeal cancer.
Clin Oral Investig. 2013 Apr;17(3):913-9.

Perisanidis C, Savarese-Brenner B, Würger T, Wrba F, Huynh A, Schopper C, Kornek G, Selzer E, Ewers R, Psyrrri A, Krainer M, Filipits M.
HCRP1 expression status is a significant prognostic marker in oral and oropharyngeal cancer.

Oral Dis. 2013 Mar;19(2):206-11.

Perisanidis C, Sulzbacher I, Mittlböck M, Mitchell D, Czembirek C, Seemann R, Ewers R, Schopper C, Selzer E.

Survival of patients with pathologic T0N+ oral and oropharyngeal cancer after neoadjuvant therapy and surgery: the minority report.

Oral Surg Oral Med Oral Pathol Oral Radiol. 2013 Mar;115(3):293-8.

Petrič P, Hudej R, Rogelj P, Blas M, Tanderup K, Fidarova E, Kirisits C, Berger D, Dimopoulos JC, Pötter R, Hellebust TP.

Uncertainties of target volume delineation in MRI guided adaptive brachytherapy of cervix cancer: a multi-institutional study.

Radiother Oncol. 2013 Apr;107(1):6-12.

Preusser M, Berghoff AS, Ilhan-Mutlu A, Magerle M, Dinhof C, Widhalm G, Dieckmann K, Marosi C, Wöhrer A, Hackl M, Zöchbauer-Müller S, von Deimling A, Schoppmann SF, Zielinski CC, Streubel B, Birner P.

ALK gene translocations and amplifications in brain metastases of non-small cell lung cancer.

Lung Cancer. 2013 Jun;80(3):278-83.

Reismüller B, Peters C, Dworzak MN, Pötschger U, Urban C, Meister B, Schmitt K, Dieckmann K, Gadner H, Attarbaschi A, Mann G; Austrian ALL-BFM (Berlin-Frankfurt-Münster) Study Group.

Outcome of children and adolescents with a second or third relapse of acute lymphoblastic leukemia (ALL): a population-based analysis of the Austrian ALL-BFM (Berlin-Frankfurt-Münster) study group.

J Pediatr Hematol Oncol. 2013 Jul;35(5):e200-4.

Sapru S, Mohamed S, Fokdal L, Nkiwane K, Swamidas J, Mahantshetty U, Kirisits C, Pötter R, Christian Lindegaard J, Tanderup K.

Dose to the non-involved uterine corpus with MRI guided brachytherapy in locally advanced cervical cancer.

Radiother Oncol. 2013 Apr;107(1):93-8.

Spanberger T, Berghoff AS, Dinhof C, Ilhan-Mutlu A, Magerle M, Hutterer M, Pichler J, Wöhrer A, Hackl M, Widhalm G, Hainfellner JA, Dieckmann K, Marosi C, Birner P, Prayer D, Preusser M.

Extent of peritumoral brain edema correlates with prognosis, tumoral growth pattern, HIF1a expression and angiogenic activity in patients with single brain metastases.

Clin Exp Metastasis. 2013 Apr;30(4):357-68.

Tanderup K, Nesvacil N, Pötter R, Kirisits C.

Uncertainties in image guided adaptive cervix cancer brachytherapy: impact on planning and prescription.

Radiother Oncol. 2013 Apr;107(1):1-5.

Westerveld H, Pötter R, Berger D, Dankulchai P, Dörr W, Sora MC, Pötter-Lang S, Kirisits C.

Vaginal dose point reporting in cervical cancer patients treated with combined 2D/3D external beam radiotherapy and 2D/3D brachytherapy.

Radiother Oncol. 2013 Apr;107(1):99-105.

Wiegel T, Pötter R.

[Prof. Dr. Wolfgang Hinkelbein conferred emeritus status].

Strahlenther Onkol. 2013 Sep;189(9):801-2.