

Wissenschaftliche Publikationen 2019

Originalarbeiten

Erstautorenschaften

Andrzejewski P, Wengert G, Helbich TH, Magometschnigg H, **Georg D**, Hacker M, Baltzer P, Clauser P, Kapetas P, Georg P, Wadsak W, Pinker K.
Sequential [F-18]FDG-[F-18]FMISO PET and Multiparametric MRI at 3T for Insights into Breast Cancer Heterogeneity and Correlation with Patient Outcomes: First Clinical Experience.
Contrast Media Mol Imaging. 2019 Jan 8;2019:1307247. doi: [10.1155/2019/1307247](https://doi.org/10.1155/2019/1307247)

Clausen M, Khachonkham S, Gruber S, Kuess P, Seemann R, Knäusl B, Mara E, Palmans H, **Dörr W**, **Georg D**.
Phantom design and dosimetric characterization for multiple simultaneous cell irradiations with active pencil beam scanning.
Radiat Environ Biophys. 2019 Nov;58(4):563-573. doi: [10.1007/s00411-019-00813-1](https://doi.org/10.1007/s00411-019-00813-1)

Daniel M, Polanec SH, Wengert G, Clauser P, Pinker K, Helbich TH, **Georg D**, Baltzer PAT.
Intra- and inter-observer variability in dependence of T1-time correction for common dynamic contrast enhanced MRI parameters in prostate cancer patients.
Eur J Radiol. 2019 Jul;116:27-33. doi: [10.1016/j.ejrad.2019.04.015](https://doi.org/10.1016/j.ejrad.2019.04.015)

Daniel M, **Kuess P**, **Andrzejewski P**, Nyholm T, Helbich T, Polanec S, **Dragschitz F**, **Goldner G**, **Georg D**, Baltzer P.
Impact of androgen deprivation therapy on apparent diffusion coefficient and T2w MRI for histogram and texture analysis with respect to focal radiotherapy of prostate cancer.
Strahlenther Onkol. 2019 May;195(5):402-411. doi: [10.1007/s00066-018-1402-3](https://doi.org/10.1007/s00066-018-1402-3)

Herrmann H, Seppenwoolde Y, **Georg D**, **Widder J**.
Image guidance: past and future of radiotherapy.
Radiologe. 2019 Dec;59(Suppl 1):21-27. doi: [10.1007/s00117-019-0573-y](https://doi.org/10.1007/s00117-019-0573-y)

Kostiukhina N, Palmans H, Stock M, **Georg D**, **Knäusl B**.
Dynamic lung phantom commissioning for 4D dose assessment in proton therapy.
Phys Med Biol. 2019 Nov 26;64(23):235001. doi: [10.1088/1361-6560/ab5132](https://doi.org/10.1088/1361-6560/ab5132)

Kowaliuk M, Schröder I, **Kuess P**, **Dörr W**.
Heparin treatment mitigates radiation-induced oral mucositis in mice by interplaying with repopulation processes.
Strahlenther Onkol. 2019 Jun;195(6):534-543. doi: [10.1007/s00066-018-01423-4](https://doi.org/10.1007/s00066-018-01423-4)

Kuess P, Böhlen TT, **Lechner W**, Elia A, **Georg D**, Palmans H.
Reply to Comment on 'Lateral response heterogeneity of Bragg peak ionization chambers for narrow-beam photon and proton dosimetry'.
Phys Med Biol. 2019 Sep 26;64(19):198002. doi: [10.1088/1361-6560/ab3ba0](https://doi.org/10.1088/1361-6560/ab3ba0)

Padilla-Cabal F, **Kuess P**, **Georg D**, Palmans H, **Fetty L**, **Fuchs H**.
Characterization of EBT3 radiochromic films for dosimetry of proton beams in the presence of magnetic fields.
Med Phys. 2019 Jul;46(7):3278-3284. doi: [10.1002/mp.13567](https://doi.org/10.1002/mp.13567)

Resch AF, Elia A, **Fuchs H**, Carlino A, Palmans H, Stock M, **Georg D**, Grevillot L.
Evaluation of electromagnetic and nuclear scattering models in GATE/Geant4 for proton therapy.
Med Phys. 2019 May;46(5):2444-2456. doi: [10.1002/mp.13472](https://doi.org/10.1002/mp.13472)

Rumpold T, Lütgendorf-Caucig C, Löffler-Stastka H, Roeder-Schur S, **Pötter R**, **Kirchheiner K**.
Attitude Towards End of Life Communication of Austrian Medical Students.
J Cancer Educ. 2019 Aug;34(4):743-748. doi: [10.1007/s13187-018-1366-0](https://doi.org/10.1007/s13187-018-1366-0)

Sarsarshahi S, Madjd Z, Bozsaky E, **Kowaliuk J**, **Kuess P**, Ghahremani MH, **Doerr W**.
An evaluation of the effect of bortezomib on radiation-induced urinary bladder dysfunction.
Strahlenther Onkol. 2019 Oct;195(10):934-939. doi: [10.1007/s00066-019-01497-8](https://doi.org/10.1007/s00066-019-01497-8)

Seppenwoolde Y, Assenholt MS, Georg D, Nout R, Tan LT, **Rumpold T**, de Leeuw A, Jürgenliemk-Schulz I, **Kirisits C**, **Pötter R**, Lindegaard JC, Tanderup K; EMBRACE Collaborative Group.
Importance of training in external beam treatment planning for locally advanced cervix cancer: Report from the EMBRACE II dummy run.
Radiother Oncol. 2019 Apr;133:149-155. doi: [10.1016/j.radonc.2019.01.012](https://doi.org/10.1016/j.radonc.2019.01.012)

Korrespondenzautorenschaften

Eder-Czembirek C, Moser D, Holawe S, Brodowicz T, Ries J, Sulzbacher I, **Selzer E**.
Osteosarcoma of the jaw - experience at the Medical University Vienna and comparative study with international tumor registries.
Clinics (Sao Paulo). 2019;74:e701. doi: [10.6061/clinics/2019/e701](https://doi.org/10.6061/clinics/2019/e701)

Mahantshetty U, **Sturdza A**, Naga Ch P, Berger D, Fortin I, Motisi L, **Schmid MP**, Aravindakshan D, Ghadi Y, Swamidas JV, Chopra S, Gurram L, **Nesvacil N**, **Kirisits C**, **Pötter R**.
Vienna-II ring applicator for distal parametrial/pelvic wall disease in cervical cancer brachytherapy: An experience from two institutions: Clinical feasibility and outcome.
Radiother Oncol. 2019 Dec;141:123-129. doi: [10.1016/j.radonc.2019.08.004](https://doi.org/10.1016/j.radonc.2019.08.004)

Tan LT, **Pötter R**, **Sturdza A**, Fokdal L, Haie-Meder C, **Schmid M**, Gregory D, Petric P, Jürgenliemk-Schulz I, Gillham C, Van Limbergen E, Hoskin P, Tharavichitkul E, Villafranca E, Mahantshetty U, **Kirisits C**, Lindegaard J, **Kirchheiner K**, Tanderup K.
Change in Patterns of Failure After Image-Guided Brachytherapy for Cervical Cancer: Analysis From the RetroEMBRACE Study.
Int J Radiat Oncol Biol Phys. 2019 Jul 15;104(4):895-902. doi: [10.1016/j.ijrobp.2019.03.038](https://doi.org/10.1016/j.ijrobp.2019.03.038)

Li Tee Tan MBBS, MRCP, FRCR, MD, Kari Tanderup PhD, **Christian Kirisits PhD**, Astrid de Leeuw PhD, Remi Nout MD, PhD, Simon Duke MBBS, FRCR, **Yvette Seppenwoolde PhD**, **Nicole Nesvacil PhD**, **Dietmar Georg PhD**, **Kathrin Kirchheiner PhD**, Lars Fokdal MD, PhD, **Alina Sturdza MD**, **FRCPC**, **Maximilian Schmid MD**, Jamema Swamidas PhD, Erik van Limbergen MD, PhD, Christine Haie-Meder MD, Umesh Mahantshetty MD, Ina Jürgenliemk-Schulz MD, PhD, Jacob C. Lindegaard DM, DMSc, **Richard Pötter MD**.
Image-guided Adaptive Radiotherapy in Cervical Cancer.
Seminars in Radiation Oncology, Vol.29(3), 2019, Pages 284-298, doi: [10.1016/j.ijrobp.2019.03.038](https://doi.org/10.1016/j.ijrobp.2019.03.038)

Witoszynskij S, **Andrzejewski P**, **Georg D**, Hacker M, Nyholm T, Rausch I, **Knäusl B**.
Attenuation correction of a flat table top for radiation therapy in hybrid PET/MR using CT- and Ge-68/Ga-68 transmission scan-based mu-maps.
Phys Med. 2019 Sep;65:76-83. doi: [10.1016/j.ejmp.2019.08.005](https://doi.org/10.1016/j.ejmp.2019.08.005)

Koautorenschaften

Ahmed MA, **Selzer E**, **Dörr W**, Jomrich G, Harpain F, Silberhumer GR, Müllauer L, Holzmann K, Grasl-Kraupp B, Grusch M, Berger W, Marian B.
Correction: Fibroblast growth factor receptor 4 induced resistance to radiation therapy in colorectal cancer.
Oncotarget. 2019 Sep 3;10(51):5385-5386. doi: [10.18632/oncotarget.27186](https://doi.org/10.18632/oncotarget.27186)
Erratum for: Oncotarget. 2016 Oct 25;7(43):69976-69990.

Beer L, Polanec SH, Baltzer PAT, Schatzl G, **Georg D**, Schestak C, Dutschke A, Herrmann H, Mazal P, Brendel AK, Shariat SF, Ringl H, Helbich TH, Apfaltrer P.
4D perfusion CT of prostate cancer for image-guided radiotherapy planning: A proof of concept study.
PLoS One. 2019 Dec 19;14(12):e0225673. doi: [10.1371/journal.pone.0225673](https://doi.org/10.1371/journal.pone.0225673)

Bekos C, Polterauer S, Seebacher V, Bartl T, Joura E, Reinthaller A, **Sturdza A**, Horvat R, Schwameis R, Grimm C.
Pre-operative hypoalbuminemia is associated with complication rate and overall survival in patients with vulvar cancer undergoing surgery.
Arch Gynecol Obstet. 2019 Oct;300(4):1015-1022. doi: [10.1007/s00404-019-05278-7](https://doi.org/10.1007/s00404-019-05278-7)

Bergen ES, Berghoff AS, Medjedovic M, Rudas M, Fitzal F, Bago-Horvath Z, **Dieckmann K**, Mader RM, Exner R, Gnant M, Zielinski CC, Steger GG, Preusser M, Bartsch R.
Continued Endocrine Therapy Is Associated with Improved Survival in Patients with Breast Cancer Brain Metastases.
Clin Cancer Res. 2019 May 1;25(9):2737-2744. doi: [10.1158/1078-0432.CCR-18-1968](https://doi.org/10.1158/1078-0432.CCR-18-1968)

Berger T, **Seppenwoolde Y**, **Pötter R**, Assenholt MS, Lindegaard JC, Nout RA, de Leeuw A, Jürgenliemk-Schulz I, Tan LT, **Georg D**, **Kirisits C**, Dumas I, **Nesvacil N**, Swamidass J, Hudej R, Lowe G, Hellebust TP, Menon G, Fokdal L, Tanderup K; EMBRACE Collaborative Group.
Importance of Technique, Target Selection, Contouring, Dose Prescription, and Dose-Planning in External Beam Radiation Therapy for Cervical Cancer: Evolution of Practice From EMBRACE-I to II.
Int J Radiat Oncol Biol Phys. 2019 Jul 15;104(4):885-894. doi: [10.1016/j.ijrobp.2019.03.020](https://doi.org/10.1016/j.ijrobp.2019.03.020)

Neydher Berroterán-Infante, Thomas Kalina, **Lukas Fetty**, Victoria Janisch, Ramona Velasco, Chrysoula Vraka, Marcus Hacker, Alexander R. Haug, Katharina Pallitsch, Wolfgang Wadsak, Markus Mitterhauser.
(R)-[18F]NEBIFQUINIDE: A promising new PET tracer for TSPO imaging.
European Journal of Medicinal Chemistry Vol.176, 2019,410-418. doi: [10.1016/j.ejmech.2019.05.008](https://doi.org/10.1016/j.ejmech.2019.05.008)

Eckl-Dorna J, Weber M, Stanek V, Linhart B, Ristl R, Walth EE, Villazala- Merino S, **Hummel A**, Focke-Tejkl M, Froeschel R, Neubauer A, Henning R, Perkmann T, Valenta R, Niederberger V.
Two years of treatment with the recombinant grass pollen allergy vaccine BM32 induces a continuously increasing allergen-specific IgG(4) response.
EBioMedicine. 2019 Dec;50:421-432. doi: [10.1016/j.ebiom.2019.11.006](https://doi.org/10.1016/j.ebiom.2019.11.006)

Fokdal L, Tanderup K, **Pötter R**, **Sturdza A**, **Kirchheiner K**, Chargari C, Jürgenliemk-Schulz IM, Segedin B, Tan LT, Hoskin P, Mahantshetty U, Bruheim K, Rai B, **Kirisits C**, Lindegaard JC; EMBRACE Collaborative Group.
Risk Factors for Ureteral Stricture After Radiochemotherapy Including Image Guided Adaptive Brachytherapy in Cervical Cancer: Results From the EMBRACE Studies.
Int J Radiat Oncol Biol Phys. 2019 Mar 15;103(4):887-894. doi: [10.1016/j.ijrobp.2018.11.006](https://doi.org/10.1016/j.ijrobp.2018.11.006)

Fossati N, Robesti D, Karnes RJ, Soligo M, Boorjian SA, Bossi A, Coraggio G, Di Muzio N, Cozzarini C, Noris Chiorda B, Gandaglia G, Scarcella S, Bartkowiak D, Böhmer D, Shariat S, **Goldner G**, Battaglia A, Joniau S, Haustermans K, De Meerleer G, Fonteyne V, Ost P, Van Poppel H, Montorsi F, Wiegel T, Briganti A.
Assessing the Role and Optimal Duration of Hormonal Treatment in Association with Salvage Radiation Therapy After Radical Prostatectomy: Results from a Multi-Institutional Study.
Eur Urol. 2019 Oct;76(4):443-449. doi: [10.1016/j.eururo.2019.02.004](https://doi.org/10.1016/j.eururo.2019.02.004)

Gleixner KV, Sadovnik I, Schneeweiss M, Eisenwort G, Byrgazov K, Stefanzi G, Berger D, **Herrmann H**, Hadzijasufovic E, Lion T, Valent P.
A kinase profile- adapted drug combination elicits synergistic cooperative effects on leukemic cells carrying BCR-ABL1^{T315I} in Ph+ CML.
Leuk Res. 2019 Mar;78:36-44. doi: [10.1016/j.leukres.2018.12.013](https://doi.org/10.1016/j.leukres.2018.12.013)

Handisurya A, **Rumpold T**, Caucig-Lütgendorf C, Flechl B, Preusser M, Ilhan-Mutlu A, **Dieckmann K**, Widhalm G, Grisold A, Wöhrer A, Hainfellner J, Ristl R, Kurz C, Marosi C, Gessl A, Hassler M.
Are hypothyroidism and hypogonadism clinically relevant in patients with malignant gliomas? A longitudinal trial in patients with glioma.
Radiother Oncol. 2019 Jan;130:139-148. doi: [10.1016/j.radonc.2018.10.014](https://doi.org/10.1016/j.radonc.2018.10.014)

Harpain F, Ahmed MA, Hudec X, Timelthaler G, Jomrich G, Müllauer L, **Selzer E**, **Dörr W**, Bergmann M, Holzmann K, Grasl-Kraupp B, Grusch M, Berger W, Marian B, Silberhumer GR.
FGF8 induces therapy resistance in neoadjuvantly radiated rectal cancer.
J Cancer Res Clin Oncol. 2019 Jan;145(1):77-86. doi: [10.1007/s00432-018-2757-7](https://doi.org/10.1007/s00432-018-2757-7)

Hosmann A, Hinker F, Dorfer C, Slavic I, Haberler C, **Dieckmann K**, Knosp E, Czech T.
Management of choroid plexus tumors-an institutional experience.
Acta Neurochir (Wien). 2019 Apr;161(4):745-754. doi: [10.1007/s00701-019-03832-5](https://doi.org/10.1007/s00701-019-03832-5)

Jank BJ, Kadletz L, Schnöll J, Selzer E, Perisanidis C, Heiduschka G.
Prognostic value of advanced lung cancer inflammation index in head and neck squamous cell carcinoma.
Eur Arch Otorhinolaryngol. 2019 May;276(5):1487-1492. doi: [10.1007/s00405-019-05381-0](https://doi.org/10.1007/s00405-019-05381-0)

Jürgenliemk-Schulz IM, Beriwal S, de Leeuw AAC, Lindegaard JC, Nomden CN, **Pötter R**, Tanderup K, Viswanathan AN, Erickson B.
Management of Nodal Disease in Advanced Cervical Cancer.
Semin Radiat Oncol. 2019 Apr;29(2):158-165. doi: [10.1016/j.semradonc.2018.11.002](https://doi.org/10.1016/j.semradonc.2018.11.002)

Kadletz L, Kenner L, Wiebringhaus R, Jank B, Mayer C, Gurnhofer E, **Konrad S**, Heiduschka G.
Evaluation of the cancer stem cell marker DCLK1 in patients with lymph node metastases of head and neck cancer.
Pathol Res Pract. 2019 Dec;215(12):152698. doi: [10.1016/j.prp.2019.152698](https://doi.org/10.1016/j.prp.2019.152698)

Christian H. Kasess, Holger Waubke, Marco Conter, **Christian Kirisits**, Reinhard Wehr, Harald Ziegelwanger.
The effect of railway platforms and platform canopies on sound propagation.
Applied Acoustics, Volume 151, 2019, Pages 137-152. <https://doi.org/10.1016/j.apacoust.2019.03.003>

Khan M, **Heilemann G**, **Lechner W**, **Georg D**, Berg AG.
Basic Properties of a New Polymer Gel for 3D-Dosimetry at High Dose-Rates Typical for FFF Irradiation Based on Dithiothreitol and Methacrylic Acid (MAGADIT): Sensitivity, Range, Reproducibility, Accuracy, Dose Rate Effect and Impact of Oxygen Scavenger.
Polymers (Basel). 2019 Oct 19;11(10):1717. doi: [10.3390/polym11101717](https://doi.org/10.3390/polym11101717)

Kotowski U, Brkic FF, Koperek O, Nemeš SF, Perisanidis C, **Altörjai G**, Grasl MC, Erovc BM.
Accuracy of fine-needle aspiration cytology in suspicious neck nodes after radiotherapy: Retrospective analysis of 100 patients.
Clin Otolaryngol. 2019 May;44(3):384-388. doi: [10.1111/coa.13271](https://doi.org/10.1111/coa.13271)

Kozłowska WS, Böhlen TT, Cuccagna C, Ferrari A, Fracchiolla F, Magro G, Mairani A, Schwarz M, Vlachoudis V, **Georg D**.
FLUKA particle therapy tool for Monte Carlo independent calculation of scanned proton and carbon ion beamtherapy.
Phys Med Biol. 2019 Mar 29;64(7):075012. doi: [10.1088/1361-6560/ab02cb](https://doi.org/10.1088/1361-6560/ab02cb)

Meißner H, **Fuchs H**, Hirtl A, Reschl C, Stock M.
Towards offline PET monitoring of proton therapy at MedAustron.
Z Med Phys. 2019 Feb;29(1):59-65. doi: [10.1016/j.zemedi.2018.05.003](https://doi.org/10.1016/j.zemedi.2018.05.003)

Mikhaeel NG, Milgrom SA, Terezakis S, Berthelsen AK, Hodgson D, Eich HT, **Dieckmann K**, Qi SN, Yahalom J, Specht L.
The Optimal Use of Imaging in Radiation Therapy for Lymphoma: Guidelines from the International Lymphoma Radiation Oncology Group (ILROG).
Int J Radiat Oncol Biol Phys. 2019 Jul 1;104(3):501-512. doi: [10.1016/j.ijrobp.2019.02.001](https://doi.org/10.1016/j.ijrobp.2019.02.001)

Neuhauser M, Roetzer T, Oberndorfer S, Kitzwoegerer M, Payer F, Unterluggauer JJ, Haybaeck J, Stockhammer G, Iglšeder S, Moser P, Thomé C, Stultschnig M, Wuertz F, Brandner-Kokalj T, Weis S, Bandke D, Pichler J, Hutterer M, Krenosz KJ, Boehm A, Mayrbaeurl B, Hager-Seifert A, Kaufmann H, Dumser M, Reiner-Concin A, Hoenigschnabl S, Kleindienst W, Hoffermann M, **Dieckmann K**, Kiesel B, Widhalm G, Marosi C, Jaeger U, Hainfellner A, Hackl M, Hainfellner JA, Preusser M, Woehrer A.
Increasing use of immunotherapy and prolonged survival among younger patients with primary CNS lymphoma: a population-based study.
Acta Oncol. 2019 Jul;58(7):967-976. doi: [10.1080/0284186X.2019.1599137](https://doi.org/10.1080/0284186X.2019.1599137)

Nomden CN, **Pötter R**, de Leeuw AAC, Tanderup K, Lindegaard JC, **Schmid MP**, Fortin I, Haie-Meder C, Mahantshetty U, Hoskin P, Segedin B, Bruheim K, Rai B, Huang F, Cooper R, Van Der Steen Banasik E, Van Limbergen E, Jürgenliemk-Schulz IM; EMBRACE Collaborative Group. Nodal failure after chemo-radiation and MRI guided brachytherapy in cervical cancer: Patterns of failure in the EMBRACE study cohort. *Radiother Oncol.* 2019 May;134:185-190. doi: [10.1016/j.radonc.2019.02.007](https://doi.org/10.1016/j.radonc.2019.02.007)

Parzefall T, Wolf A, Grasl S, **Altorjai G**, Czeiger S, Grasl MC, Erovic BM. Post-laryngectomy adjuvant radiotherapy in patients with pharyngocutaneous fistulae: Treatment regimens, outcomes and complications in 67 patients. *Clin Otolaryngol.* 2019 Sep;44(5):810-814. doi: [10.1111/coa.13353](https://doi.org/10.1111/coa.13353)

Philippe C, Zeilinger M, Dumanic M, Pichler F, **Fetty L**, Vracka C, Balber T, Wadsak W, Pallitsch K, Spreitzer H, Lanzenberger R, Hacker M, Mitterhauser M. SNAPshots of the MCHR1: a Comparison Between the PET-Tracers [F-18]FE@SNAP and [C-11]SNAP-7941. *Mol Imaging Biol.* 2019 Apr;21(2):257-268. doi: [10.1007/s11307-018-1212-0](https://doi.org/10.1007/s11307-018-1212-0)

Poetsch N, **Sturdza A**, Aust S, Polterauer S, Grimm C, Schwameis R, **Pötter R**, Koelbl H, Reinthaller A, Seebacher V. The value of pretreatment serumbutyrylcholinesterase level as a novel prognostic biomarker in patients with cervical cancer treated with primary (chemo-)radiation therapy. *Strahlenther Onkol.* 2019 May;195(5):430-440. doi: [10.1007/s00066-019-01430-z](https://doi.org/10.1007/s00066-019-01430-z)

Putora PM, Glatzer M, De Ruyscher D, Faivre-Finn C, Belderbos J, Besse B, Blackhall F, Califano R, Cappuzzo F, de Marinis F, Dziadziuszko R, Filip E, Früh M, Garrido P, Le Pechoux C, McDonald F, Nestle U, Novello S, Brien MO, Paz Ares L, Peeters S, Pöttgen C, Ramella S, Reck M, Troost EGC, Van Houtte P, Westeel V, **Widder J**, Mornex F, Slotman BJ. Consolidative thoracic radiotherapy in stage IV small cell lung cancer: Selection of patients amongst European IASLC and ESTRO experts. *Radiother Oncol.* 2019 Jun;135:74-77. doi: [10.1016/j.radonc.2019.02.010](https://doi.org/10.1016/j.radonc.2019.02.010)

Putora PM, Glatzer M, Belderbos J, Besse B, Blackhall F, Califano R, Cappuzzo F, de Marinis F, Dziadziuszko R, Filip E, Faivre-Finn C, Früh M, Garrido P, Le Pechoux C, McDonald F, Nestle U, Novello S, O'Brien M, Paz Ares L, Peeters S, Pöttgen C, Ramella S, Reck M, Slotman B, Troost EGC, Van Houtte P, Westeel V, **Widder J**, Mornex F, De Ruyscher D. Prophylactic cranial irradiation in stage IV small cell lung cancer: Selection of patients amongst European IASLC and ESTRO experts. *Radiother Oncol.* 2019 Apr;133:163-166. doi: [10.1016/j.radonc.2018.12.014](https://doi.org/10.1016/j.radonc.2018.12.014)

Roider-Schur S, **Rumpold T**, **Kirchheiner K**, Masel EK, Nemecek R, Amering M, Watzke H, Schrank B. Migrate your mind: the role of palliative care in transcultural cancer treatment : A qualitative analysis. *Wien Klin Wochenschr.* 2019 May;131(9-10):191-199. doi: [10.1007/s00508-019-1474-9](https://doi.org/10.1007/s00508-019-1474-9)

Scheiner B, Ulbrich G, Mandorfer M, Reiberger T, Müller C, Waneck F, Trauner M, **Kölblinger C**, Ferlitsch A, Sieghart W, Peck-Radosavljevic M, Pinter M. Short- and long-term effects of transarterial chemoembolization on portal hypertension in patients with hepatocellular carcinoma. *United European Gastroenterol J.* 2019 Jul;7(6):850-858. doi: [10.1177/2050640619840199](https://doi.org/10.1177/2050640619840199)

Schernthaner-Reiter MH, Baumgartner-Parzer S, Egarter HC, Krebs M, Kautzky-Willer A, **Kirchheiner K**, Luger A, Bayerle-Eder M. Influence of Genotype and Hyperandrogenism on Sexual Function in Women With Congenital Adrenal Hyperplasia. *J Sex Med.* 2019 Oct;16(10):1529-1540. doi: [10.1016/j.jsxm.2019.07.009](https://doi.org/10.1016/j.jsxm.2019.07.009)

Seebacher V, **Sturdza A**, Bergmeister B, Polterauer S, Grimm C, Reinthaller A, Hilal Z, Aust S. Factors associated with post-relapse survival in patients with recurrent cervical cancer: the value of the inflammation-based Glasgow Prognostic Score. *Arch Gynecol Obstet.* 2019 Apr;299(4):1055-1062. doi: [10.1007/s00404-018-4993-0](https://doi.org/10.1007/s00404-018-4993-0)

Spampinato S, Fokdal L, Marinovskij E, Axelsen S, Pedersen EM, **Pötter R**, Lindegaard JC, Tanderup K.

Assessment of dose to functional sub-structures in the lower urinary tract in locally advanced cervical cancer radiotherapy.

Phys Med. 2019 Mar;59:127-132. doi: [10.1016/j.ejmp.2019.01.017](https://doi.org/10.1016/j.ejmp.2019.01.017)

Stangl-Kremser J, D'Andrea D, Vartolomei M, Abufaraj M, **Goldner G**, Baltzer P, Shariat SF, Tamandl D.

Prognostic value of nutritional indices and body composition parameters including sarcopenia in patients treated with radiotherapy for urothelial carcinoma of the bladder.

Urol Oncol. 2019 Jun;37(6):372-379. doi: [10.1016/j.urolonc.2018.11.001](https://doi.org/10.1016/j.urolonc.2018.11.001)

Tamandl D, Fueger B, Haug A, **Schmid R**, Stiff J, Schoppmann SF, Ilhan-Mutlu A, Ba-Ssalamah A. A Diagnostic Algorithm That Combines Quantitative 18F-FDG PET Parameters and Contrast-Enhanced CT Improves Posttherapeutic Locoregional Restaging and Prognostication of Survival in Patients With Esophageal Cancer.

Clin Nucl Med. 2019 Jan;44(1):e13-e21. doi: [10.1097/RLU.0000000000002366](https://doi.org/10.1097/RLU.0000000000002366)

Valent P, Sadovnik I, Eisenwort G, Bauer K, **Herrmann H**, Gleixner KV, Schulenburg A, Rabitsch W, Sperr WR, Wolf D.

Immunotherapy-Based Targeting and Elimination of Leukemic Stem Cells in AML and CML.

Int J Mol Sci. 2019 Aug 29;20(17):4233. doi: [10.3390/ijms20174233](https://doi.org/10.3390/ijms20174233)

Vittrup AS, **Kirchheiner K**, Fokdal LU, Bentzen SM, Nout RA, **Pötter R**, Tanderup K.

Reporting of Late Morbidity After Radiation Therapy in Large Prospective Studies: A Descriptive Review of the Current Status.

Int J Radiat Oncol Biol Phys. 2019 Dec 1;105(5):957-967. doi: [10.1016/j.ijrobp.2019.08.040](https://doi.org/10.1016/j.ijrobp.2019.08.040)

Vogin G, Wambersie A, Koto M, Ohno T, Uhl M, Fossati P, Balosso J; **ULICE WP2 working group**.

A step towards international prospective trials in carbon ion radiotherapy: investigation of factors influencing dose distribution in the facilities in operation based on a case of skull base chordoma.

Radiat Oncol. 2019 Feb 1;14(1):24. doi: [10.1186/s13014-019-1224-1](https://doi.org/10.1186/s13014-019-1224-1)

Vyskocil E, Pammer J, **Altorjai G**, Grasl MC, Parzefall T, Haymerle G, Janik S, Perisanidis C, Erovic BM.

Dysregulation of β -catenin, WISP1 and TCF21 predicts disease-specific survival and primary response against radio(chemo)therapy in patients with locally advanced squamous cell carcinomas of the head and neck.

Clin Otolaryngol. 2019 May;44(3):263-272. doi: [10.1111/coa.13281](https://doi.org/10.1111/coa.13281)

Wakeford R, Azizova T, **Dörr W**, Garnier-Laplace J, Hauptmann M, Ozasa K, Rajaraman P, Sakai K, Salomaa S, Sokolnikov M, Stram D, Sun Q, Wojcik A, Woloschak G, Bouffler S, Grosche B, Kai M, Little MP, Shore RE, Walsh L, Rühm W.

THE DOSE AND DOSE-RATE EFFECTIVENESS FACTOR (DDREF).

Health Phys. 2019 Jan;116(1):96-99. doi: [10.1097/HP.0000000000000958](https://doi.org/10.1097/HP.0000000000000958)

Weber DC, Grau C, Lim PS, **Georg D**, Lievens Y.

Bringing Europe together in building clinical evidence for proton therapy - the EPTN-ESTRO-EORTC endeavor.

Acta Oncol. 2019 Oct;58(10):1340-1342. doi: [10.1080/0284186X.2019.1624820](https://doi.org/10.1080/0284186X.2019.1624820)

Wesolowska P, **Georg D**, **Lechner W**, Kazantsev P, Bokulic T, Tedgren AC, Adolfsson E, Campos AM, Alves VGL, Suming L, Hao W, Ekendahl D, Koniarova I, Bulski W, Chelminski K, Samper JLA, Vinatha SP, Rakshit S, Siri S, Tomsejm M, Tenhunen M, Povall J, Kry SF, Followill DS, Thwaites DI, Izewska J.

Testing the methodology for a dosimetric end-to-end audit of IMRT/VMAT: results of IAEA multicentre and national studies.

Acta Oncol. 2019 Dec;58(12):1731-1739. doi: [10.1080/0284186X.2019.1648859](https://doi.org/10.1080/0284186X.2019.1648859)