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### **Units**

Department of Radiation Oncology

## Publications (47)

Dennstädt F, Hastings J, Putora P, Vu E, Fischer G, Süveg K, Glatzer M, Riggensbach E, Hà H, Cihoric N. Exploring Capabilities of Large Language Models such as ChatGPT in Radiation Oncology. *Adv Radiat Oncol* 2023; 9:101400.

Dennstädt F, Glatzer M, Medová M, Putora P. In Reply to Raaijmakers et al. *Int J Radiat Oncol Biol Phys* 2023; 115:1005.

Schiefer H, Heinze S, Glatzer M. A precise and simple isodose-volume-based verification method for HDR and LDR brachytherapy plans. *Brachytherapy* 2023; 22:400-406.

Dennstädt F, Medová M, Putora P, Glatzer M. Parameters of the Lyman Model for Calculation of Normal-Tissue Complication Probability: A Systematic Literature Review. *Int J Radiat Oncol Biol Phys* 2022; 115:696-706.

Glatzer M, Petric P, van der Steen-Banasik E, Lössl K, Jürgenliemk-Schulz I, Niehoff P, Hermansson R, Nout R, Putora P, Plasswilm L, Nakken E, Cooper R, Tanderup K, Roviroso A, Fokdal L, Ordeanu C, Tagliaferri L, Chargari C, Strnad V, Dimopoulos J, Šegedin B, Tselis N. Role of Brachytherapy in the Postoperative Management of Endometrial Cancer: Decision-Making Analysis among Experienced European Radiation Oncologists. *Cancers (Basel)* 2022; 14

Fleischmann M, Glatzer M, Rödel C, Tselis N. Radioimmunotherapy: future prospects from the perspective of brachytherapy. *J Contemp Brachytherapy* 2021; 13:458-467.

Süveg K, McDonald F, Dziadziuszko R, Belderbos J, Ricardi U, Manapov F, Lievens Y, Geets X, Dieckmann K, Guckenberger M, Andratschke N, Nestle U, Peeters S, Le Pechoux C, Faivre-Finn C, Putora P, De Ruyscher D, Widder J, Van Houtte P, Troost E, Slotman B, Ramella S, Pöttgen C, Glatzer M. Role of Postoperative Radiotherapy in the Management for Resected NSCLC - Decision Criteria in Clinical Routine Pre- and Post-LungART. *Clin Lung Cancer* 2021; 22:579-586.

Glatzer M, Kocher G, Kraxner P, Krueger T, Martucci F, Oehler C, Ozsahin M, Papachristofilou A, Wagnetz D, Zaugg K, Zwahlen D, Opitz I, Kestenholz P, Karenovics W, Leskow P, Caparrotti F, Elicin O, Furrer M, Gambazzi F, Dutly A, Gelpke H, Guckenberger M, Heuberger J, Inderbitzi R, Cafarotti S, Putora P. Stage III N2 non-small cell lung cancer treatment: decision-making among surgeons and radiation oncologists. *Transl Lung Cancer Res* 2021; 10:1960-1968.

Süveg K, Putora P, Jörgen M, Iseli T, Fischer G, Ammann K, Glatzer M. Radiotherapy for thymic epithelial tumours: a review. *Transl Lung Cancer Res* 2021; 10:2088-2100.

Kroeze S, Eckert F, Lohaus F, Sackerer I, Skazikis G, Geier M, Szuvecs M, Glatzer M, Schymalla M, Adebahr S, Verhoeff J, Siva S, Roeder F, Kahl K, Blanck O, Kaul D, Fritz C, Schaule J, Guckenberger M. Metastasis directed stereotactic radiotherapy in NSCLC patients progressing under targeted- or immunotherapy: efficacy and safety reporting from the 'TOaSTT' database. *Radiat Oncol* 2021; 16:4.

Glatzer M, Dziadziuszko R, Belderbos J, Ricardi U, Manapov F, Lievens Y, Geets X, Dieckmann K, Guckenberger M, Andratschke N, Süveg K, Le Pechoux C, McDonald F, Faivre-Finn C, De Ruyscher D, Widder J, Van Houtte P, Troost E, Slotman B, Ramella S, Pöttgen C, Peeters S, Nestle U, Putora P. Role of radiotherapy in the management of brain metastases of NSCLC - Decision criteria in clinical routine. *Radiother Oncol* 2020; 154:269-273.

Iseli T, Berghmans T, Glatzer M, Rittmeyer A, Massard G, Durieux V, Buchsbaum T, Putora P. Adverse events reporting in stage III NSCLC trials investigating surgery and radiotherapy. *ERJ Open Res* 2020; 6

Steffen T, Yutaka Y, Paul S, Beate R, Quadros C, Pompiliu P, Morris D, Moran B, Yan L, Ignace d, Goere D, Glehen O, Glatzer M, Lana B, Hällér L, Putora P. Decision-Making Analysis for Hyperthermic Intraperitoneal Chemotherapy in Ovarian Cancer: A Survey by the Executive Committee of the Peritoneal Surface Oncology Group International (PSOGI). *Oncology* 2020; 99:41-48.

Steffen T, Yutaka Y, Paul S, Beate R, Claudio Q, Pompiliu P, David M, Brandon M, Yan L, Ignace d, Goere D, Glehen O, Glatzer M, Lana B, Eden J, Martin P. Patient Selection for Hyperthermic Intraperitoneal Chemotherapy in Patients With Colorectal Cancer: Consensus on Decision Making Among International Experts. *Clin Colorectal Cancer* 2020; 19:277-284.

Opitz I, Greillier L, Hoda M, Klepetko W, Lacourt A, McElnay P, Maskell N, Mutti L, Pairon J, Van Schil P, van Meerbeeck J, Waller D, Weder W, Putora P, Galateau-Salle F, Fennell D, Scherpereel A, Berghmans T, Psallidas I, Glatzer M, Rigau D, Astoul P, Bölükbas S, Boyd J, Coolen J, De Bondt C, De Ruyscher D, Durieux V, Faivre-Finn C, Cardillo G. ERS/ESTS/EACTS/ESTRO guidelines for the management of malignant pleural mesothelioma. *Eur J Cardiothorac Surg.* 2020; 58:1-24.

Scherpereel A, Greillier L, Hoda M, Klepetko W, Lacourt A, McElnay P, Maskell N, Mutti L, Pairon J, Van Schil P, van Meerbeeck J, Waller D, Weder W, Cardillo G, Galateau-Salle F, Fennell D, Opitz I, Berghmans T, Psallidas I, Glatzer M, Rigau D, Astoul P, Bölükbas S, Boyd J, Coolen J, De Bondt C, De Ruyscher D, Durieux V, Faivre-Finn C, Putora P. ERS/ESTS/EACTS/ESTRO guidelines for the management of malignant pleural mesothelioma. *Eur Respir J.* 2020; 55

Glatzer M, Belderbos J, Dziadziuszko R, Le Pechoux C, McDonald F, Nestle U, Peeters S, Pöttgen C, Ramella S, Slotman B, Dahele M, Troost E, Van Houtte P, Widder J, De Ruyscher D, Faivre-Finn C, Putora P. Once daily versus twice-daily radiotherapy in the management of limited disease small cell lung cancer - Decision criteria in routine practise. *Radiother Oncol* 2020; 150:26-29.

Iseli T, Plasswilm L, Sirén C, Schmidt B, Rothermundt C, Hundsberger T, Glatzer M, Panje C, Fischer G, Putora P. Insular Decision Criteria in Clinical Practice: Analysis of Decision-Making in Oncology. *Oncology* 2020; 98:438-444.

Glatzer M, Pless M, Pederiva S, Pestalozzi B, Berger M, Inauen R, Winterhalder R, Montemurro M, Horber D, Putora P. Choice of first line systemic treatment in pancreatic cancer among national experts. *Pancreatology* 2020; 20 (2020): 686-690.

Glatzer M, Pless M, Pederiva S, Pestalozzi B, Berger M, Inauen R, Winterhalder R, Montemurro M, Horber D, Putora P. Choice of first line systemic treatment in pancreatic cancer among national experts. *Pancreatology* 2020; 20:686-690.

Putora P, Belderbos J, Dziadziuszko R, Le Pechoux C, McDonald F, Nestle U, Peeters S, Pöttgen C, Ramella S, Slotman B, Troost E, Van Houtte P, Widder J, Glatzer M, De Ruyscher D, Faivre-Finn C. The role of postoperative thoracic radiotherapy and prophylactic cranial irradiation in early stage small cell lung cancer: Patient selection among ESTRO experts. *Radiother Oncol* 2019; 145:45-48.

Putora P, Nestle U, Novello S, O' Brien M, Paz Ares L, Peeters S, Pöttgen C, Ramella S, Reck M, Troost E, Van Houtte P, Westeel V, Widder J, Mornex F, McDonald F, Le Pechoux C, Glatzer M, De Ruyscher D, Faivre-Finn C, Belderbos J, Besse B, Blackhall F, Califano R, Cappuzzo F, de Marinis F, Dziadziuszko R, Felip E, Früh M, Garrido P, Slotman B. Erratum to "Consolidative thoracic radiotherapy in stage IV small cell lung cancer: Selection of patients amongst European IASLC and ESTRO experts" [*Radiother. Oncol.* 135 (2019) 74-77]. *Radiother Oncol* 2019; 141:332.

Garelli E, Rittmeyer A, Putora P, Glatzer M, Dressel R, Andreas S. Abscopal effect in lung cancer: three case reports and a concise review. *Immunotherapy* 2019; 11:1445-1461.

Scheithauer W, Putora P, Grünberger B, Eisterer W, Wöll E, Prager G, Schaberl-Moser R, Greil R, Glatzer M. Patterns of care in metastatic pancreatic cancer: patient selection in clinical routine. *Therap Adv Gastroenterol* 2019; 12:1756284819877635.

Steffen T, Ris F, Schmidt J, Peterli R, Adamina M, Kettelhack C, Lehmann K, Gloor B, Hübner M, Putora P, Glatzer M. Diagnostic Nodes of Patient Selection for Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy Among Colorectal Cancer Patients: A Swiss National Multicenter Survey. *Clin Colorectal Cancer* 2019; 18:e335-e342.

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

Putora P, Novello S, O'Brien M, Paz Ares L, Peeters S, Pöttgen C, Ramella S, Reck M, Slotman B, Troost E, Van Houtte P, Westeel V, Widder J, Mornex F, Nestle U, McDonald F, Glatzer M, Belderbos J, Besse B, Blackhall F, Califano R, Cappuzzo F, de Marinis F, Dziadziuszko R, Felip E, Faivre-Finn C, Früh M, Garrido P, Le Pechoux C, 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; 133:163-166.

Glatzer M, Panje C, Sirén C, Cihoric N, Putora P. Decision Making Criteria in Oncology. *Oncology* 2018; Sep 18:1-9

Radovic M, Kanesvaran R, Rittmeyer A, Früh M, Minervini F, Glatzer M, Putora P. Multidisciplinary treatment of lung cancer in older patients: A review. *J Geriatr Oncol* 2018; 10:405-410.

Glatzer M, Panje C, Sirén C, Cihoric N, Putora P. Decision Making Criteria in Oncology. *Oncology* 2018:1-9.

Süveg K, Putora P, Berghmans T, Glatzer M, Kovac V, Cihoric N. Current efforts in research of pleural mesothelioma- An analysis of the ClinicalTrials.gov registry. *Lung Cancer* 2018; 124:12-18.

Vasiljevic D, Lukas P, Glatzer M, Nevinny-Stickel M, Kvitsaridze I, Popovscaia M, Fink K, Neuman D, Arnold C, Seppi T. Occurrence of pneumonitis following radiotherapy of breast cancer - A prospective study. *Strahlenther Onkol* 2018; 194:520-532.

Glatzer M, Putora P, Wernigg G. Der Einsatz der Radiotherapie beim kleinzelligen Lungenkarzinom - Update 2018. *Schweizer Zeitschrift für Onkologie SZO* 2018; 1:11-13.

Panje C, Glatzer M, Sirén C, Plasswilm L, Putora P. Treatment Options in Oncology. *JCO Clin Cancer Inform* 2018; 2:1-10.

Cihoric N, Tsikkinis A, Vlaskou Badra E, Glatzer M, Novak U, Aebersold D, Lössl K. Highly conformal combined radiotherapy with cisplatin and gemcitabine for treatment of loco-regionally advanced cervical cancer - a retrospective study. *Radiation Oncology* 2017

Cihoric N, Aebersold D, Yojena C, Soldatovic I, Shelan M, Scherz A, Novak U, Glatzer M, Vlaskou Badra E, Tsikkinis A, Lössl K. Highly conformal combined radiotherapy with cisplatin and gemcitabine for treatment of loco-regionally advanced cervical cancer - a retrospective study. *Radiat Oncol* 2017; 12:202.

Glatzer M, Schmid S, Radovic M, Früh M, Putora P. The role of radiation therapy in the management of small cell lung cancer. *Breathe (Sheff)* 2017; 13:e87-e94.

Glatzer M, Rittmeyer A, Müller J, Opitz I, Papachristofilou A, Psallidas I, Früh M, Born D, Putora P. Treatment of limited disease small cell lung cancer: the multidisciplinary team. *Eur Respir J.* 2017; 50

Panje C, Glatzer M, von Rappard J, Rothermundt C, Hundsberger T, Zumstein V, Plasswilm L, Putora P. Applied Swarm-based medicine: collecting decision trees for patterns of algorithms analysis. *BMC Med Res Methodol* 2017; 17:123.

Dal Pra A, Engeler D, Zwahlen D, Veas H, Reuter C, Pesce G, Papachristofilou A, Kaouthar K, Herrera F, Gomez S, Glatzer M, Garcia H, Brouwer K, Arnold W, Zilli T, Panje C, Putora P. Salvage radiotherapy for macroscopic local recurrences after radical prostatectomy : A national survey on patterns of practice. *Strahlenther Onkol* 2017; 194:9-16.

Glatzer M. Hot topics from the Assemblies - Review QUARTZ trial. *Breathe* 2017:1-2.

Putora P, Szentesi K, Glatzer M, Rodriguez R, Müller J, Baty F, Früh M. SUVmax and Tumour Location in PET-CT Predict Oncogene Status in Lung Cancer. *Oncol Res Treat* 2016; 39:681-686.

Glatzer M, Putora P, Müller J, Minervini F, Plasswilm L (2016). Case report: radio-supersensitive oligometastatic lung cancer.

Glatzer M, Elicin O, Ramella S, Nestle U, Putora P. Radio(chemo)therapy in locally advanced nonsmall cell lung cancer. *Eur Respir Rev* 2016; 25:65-70.

Glatzer M, Putora P, Plasswilm L. Radioimmuntherapie – die neue Strategie im Kampf gegen Krebs? Wirkprinzipien, Therapiekonzepte und (prä-)klinische Studiendaten. *SZO* 2016

Glatzer M, Putora P. Radiochemotherapie beim lokal fortgeschrittenen NSCLC - Update 2015. *SZO* 2015; 4:18-22.

Nowosielski M, Glatzer M, Beer R, Maier H, Stockhammer G. A 39-Year-Old Patient with Double Vision and Rapidly Progressing Bulbar Palsy. *European Association of NeuroOncology Magazine* 2011; 1:35-36.

## Projects (6)

### **Application of an IT knowledge base to improve decision-making for breast cancer in radiation oncology**

*Clinical Studies - Mar 7, 2023 - Sep 30, 2024*

*Automatically Closed*

### **EORTC 1901-LCG PRIMALung Study**

*Clinical Studies - Jan 3, 2022 - Nov 3, 2030*

*Scheduled*

### **Role of Brachytherapy in the post-operative management of endometrial cancer: decision-making analysis among European experts™**

*Clinical Studies - Feb 4, 2021 - Oct 31, 2021*

*Automatically Closed*

### **Checkmate 73L (CA20973L)**

*Clinical Studies - Jan 1, 2020 - Dec 11, 2023*

*Automatically Closed*

### **DOSIS RCT\_Dose-intensified-Image-guided Fractionated Stereotactic Body Radiation Therapy for Painful Spinal Metastasis versus Conventional Therapy: A Randomized Controlled Trial**

*Clinical Studies - Jul 3, 2019 - Jul 3, 2024*

*Automatically Closed*

### **EORTC 1702-LCG-ROG Targeted therapy with or without dose-intensified radiotherapy in oligo-progressive disease (OPD) in oncogene Addicted Lung Tumors**

*Clinical Studies - Jun 12, 2019 - Feb 1, 2021*

*Automatically Closed*