



Publikationen und Vorträge 2021

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Institut für Pathologie

Originalarbeiten in Zeitschriften mit Peer-Review

- **Merat S, Blümlein T, Klarhöfer M, Nickel D, Singer G, Zöllner FG, Schoenberg SO, Kubik-Huch RA, Hausmann D, Hefermehl L.**
 - Impact of Chronic Prostatitis on the PI-RADS Score 3: Proposal for the Addition of a Novel Binary Suffix. *Diagnostics (Basel)*. 2021 Mar 30;11(4):623. doi: 10.3390/diagnostics11040623. PMID: 33808402; PMCID: PMC8066731.
- **Vela V, Juskevicius D, Prince SS, Cathomas G, Dertinger S, Diebold J, Bubendorf L, Horcic M, Singer G, Zettl A, Dirnhofer S, Tzankov A, Menter T.**
 - Deciphering the genetic landscape of pulmonary lymphomas. *Mod Pathol*. 2021 Feb;34(2):371-379. doi: 10.1038/s41379-020-00660-2. Epub 2020 Aug 27. PMID: 32855441.
- **Mateos JM, Singer G, Kaech A, Ziegler U, Eid K.**
 - Characterization of Deposits in Calcific Tendinitis of the Shoulder: Deposits Are Composed of Large Aggregates of Highly Crystalline, Rod-Like Crystals. *Orthop J Sports Med*. 2021 Oct 11;9(10):23259671211044715. doi: 10.1177/23259671211044715. PMID: 34660828; PMCID: PMC8511925.
- **Lalos A, Neri O, Ercan C, Wilhelm A, Staubli S, Posabella A, Weixler B, Terracciano L, Piscuoglio S, Stadlmann S, Spagnoli GC, Drosner RA, Singer G.**
 - High density of cd16+ tumor infiltrating immune cells in recurrent ovarian cancer is associated with enhanced responsiveness to chemotherapy and prolonged overall survival. *Cancers (Basel)* 13:5783, 2021. doi: 10.3390/cancers13225783. PMID: 34830938; PMCID: PMC8616362.
- **Tyriakidis K, Stadlmann S, Pederiva S.**
 - Long-lasting complete remission of small cell carcinoma of the pancreas with carboplatin and etoposide complicated by gallbladder adenocarcinoma diagnosed during follow up. *Case Rep Oncol* 14:365-370, 2021. <https://doi.org/10.1159/000514048>. DOI: 10.1159/000514048.

Fallberichte/Reviews/Editorials

- **Heubner M, Mascus R, Singer G.**
 - Ein ungemütlicher Endometriumpolyp. *Frauenheilkunde aktuell*. 4/2021. ISSN 1663-6988

Zentrum für Bildgebung

Originalarbeiten in Zeitschriften mit Peer-Review

- **Audigé L., Bucher H.C.C., Aghlmandi S., Stojanov T., Schwappach D., Hunziker S., Candrian C., Cunningham G., Durchholz H., Eid K., Flury M., Jost B., Lädemann A., Moor B.K., Moroder P., Rosso C., Schär M., Scheibel M., Spormann C., Suter T., Wieser K., Zumstein M., ARCR_Pred Study Group (u.a. Bensler S.), Müller A.M.:**
 - Swiss-wide multicentre evaluation and prediction of core outcomes in arthroscopic rotator cuff repair: protocol for the ARCR_Pred cohort study. *BMJ Open*. 2021;11(4):e045702. <https://dx.doi.org/10.1136/bmjopen-2020-045702>
- **Azizi S., Urbanschitz L., Bensler S., Lenz C.G., Borbas P., Eid K.:**
 - Structural and Functional Results of Subscapularis and Conjoint Tendon After Latarjet Procedure at 8-Year Average Follow-up. *American Journal of Sports Medicine*. 2022. Epub 2021 Dec 22. 50(2):321-6. <https://dx.doi.org/10.1177/03635465211061599>
- **Chatzaraki V., Born C., Kubik-Huch R.A., Froehlich J.M., Thali M.J., Niemann T.:**
 - Influence of Radiation Dose and Reconstruction Kernel on Fat Fraction Analysis in Dual-energy CT: A Phantom Study. *In Vivo*. 2021;35(6):3147-55. <https://dx.doi.org/10.21873/invivo.12609>
- **Chatzaraki V., Kubik-Huch R.A., Potempa A., Gashi A., Friedl A., Heesen M., Wiggli B., Nocito A., Niemann T.:**
 - Preoperative chest computed tomography in emergency surgery during COVID-19 pandemic. *J Perioper Pract*. 2021;17504589211024405. <https://dx.doi.org/10.1177/17504589211024405>
- **Chatzaraki V., Kubik-Huch R.A., Thali M., Niemann T.:**
 - Quantifying image quality in chest computed tomography angiography: Evaluation of different contrast-to-noise ratio measurement methods. *Acta Radiologica*. 2021;2841851211041813. <https://dx.doi.org/10.1177/02841851211041813>
- **Fassbind S., Ferraro D.A., Stelmes J.J., Fankhauser C.D., Guckenberger M., Kaufmann P.A., Eberli D., Burger I.A., Kranzbühler B.:**
 - (68)Ga-PSMA-11 PET imaging in patients with ongoing androgen deprivation therapy for advanced prostate cancer. *Annals of Nuclear Medicine*. 2021;35(10):1109-16. <https://dx.doi.org/10.1007/s12149-021-01646-z>

- **Fendler W.P., Calais J., Eiber M., Simko J.P., Kurhanewicz J., Santos R.D., Feng F.Y., Reiter R.E., Rettig M.B., Nickols N.G., Kishan A.U., PSMA PET Reader Group (u.a. Burger I.A.), Slavik R., Carroll P.R., Lawhn-Heath C., Herrmann K., Czernin J., Hope T.A.:**
 - False positive PSMA PET for tumor remnants in the irradiated prostate and other interpretation pitfalls in a prospective multi-center trial. *European Journal of Nuclear Medicine and Molecular Imaging*. 2021;48(2):501-8. <https://dx.doi.org/10.1007/s00259-020-04945-1>
- **Ferraro D.A., Becker A.S., Kranzbühler B., Mebert I., Baltensperger A., Zeimpekis K.G., Grünig H., Messerli M., Rupp N.J., Rueschoff J.H., Mortezaei A., Donati O.F., Sapienza M.T., Eberli D., Burger I.A.:**
 - Diagnostic performance of (68)Ga-PSMA-11 PET/MRI-guided biopsy in patients with suspected prostate cancer: a prospective single-center study. *European Journal of Nuclear Medicine and Molecular Imaging*. 2021;48(10):3315-24. <https://dx.doi.org/10.1007/s00259-021-05261-y>
- **Ferraro D.A., Laudicella R., Zeimpekis K., Mebert I., Müller J., Maurer A., Grünig H., Donati O., Sapienza M.T., Rueschoff J.H., Rupp N., Eberli D., Burger I.A.:**
 - Hot needles can confirm accurate lesion sampling intraoperatively using [(18)F]PSMA-1007 PET/CT-guided biopsy in patients with suspected prostate cancer. *European Journal of Nuclear Medicine and Molecular Imaging*. 2022. Epub 2021 Nov 2. 49(5): 1721-30. <https://dx.doi.org/10.1007/s00259-021-05599-3>
- **Ferraro D.A., Lehner F., Becker A.S., Kranzbühler B., Kudura K., Mebert I., Messerli M., Hermanns T., Eberli D., Burger I.A.:**
 - Improved oncological outcome after radical prostatectomy in patients staged with (68)Ga-PSMA-11 PET: a single-center retrospective cohort comparison. *European Journal of Nuclear Medicine and Molecular Imaging*. 2021;48(4):1219-28. <https://dx.doi.org/10.1007/s00259-020-05058-5>
- **Freisleder F., Bensler S., Specht T., Magerkurth O., Eid K.:**
 - Plate Fixation for Irreducible Proximal Humeral Fractures in Children and Adolescents-A Single-Center Case Series of Six Patients. *Children (Basel)*. 2021;8(8). <https://dx.doi.org/10.3390/children8080635>
- **Gashi A., Kubik-Huch R.A., Chatzarakis V., Potempa A., Rauch F., Grbic S., Wiggli B., Friedl A., Niemann T.:**
 - Detection and characterization of COVID-19 findings in chest CT: Feasibility and applicability of an AI-based software tool. *Medicine (Baltimore)*. 2021;100(41):e27478. <https://dx.doi.org/10.1097/md.00000000000027478>

- **Grünig H., Maurer A., Thali Y., Kovacs Z., Strobel K., Burger I.A., Müller J.:**
 - Focal unspecific bone uptake on [(18)F]-PSMA-1007 PET: a multicenter retrospective evaluation of the distribution, frequency, and quantitative parameters of a potential pitfall in prostate cancer imaging. *European Journal of Nuclear Medicine and Molecular Imaging*. 2021;48(13):4483-94. <https://dx.doi.org/10.1007/s00259-021-05424-x>
- **Hack R.I., Becker A.S., Bode-Lesniewska B., Exner G.U., Müller D.A., Ferraro D.A., Warnock G.I., Burger I.A., Britschgi C.:**
 - When SUV Matters: FDG PET/CT at Baseline Correlates with Survival in Soft Tissue and Ewing Sarcoma. *Life (Basel)*. 2021;11(9). <https://dx.doi.org/10.3390/life11090869>
- **Halliday A., Bulbulia R., Bonati L.H., Chester J., Craddock-Bamford A., Peto R., Pan H., ACST-2 Collaborative Group (u.a. Ahlhelm F.J.):**
 - Second asymptomatic carotid surgery trial (ACST-2): a randomised comparison of carotid artery stenting versus carotid endarterectomy. *Lancet*. 2021;398(10305):1065-73. [https://dx.doi.org/10.1016/s0140-6736\(21\)01910-3](https://dx.doi.org/10.1016/s0140-6736(21)01910-3)
- **Hausmann D., Kreul D., Klarhöfer M., Nickel D., Grimm R., Kiefer B., Riffel P., Attenberger U.I., Zöllner F.G., Kubik-Huch R.A.:**
 - Morphological and functional assessment of the uterus: "one-stop shop imaging" using a compressed-sensing accelerated, free-breathing T1-VIBE sequence. *Acta Radiologica*. 2021;62(5):695-704. <https://dx.doi.org/10.1177/0284185120936260>
- **Hausmann D., Perignon V., Grabherr R., Weiland E., Nickel M.D., Murer M., Bosshard L., Prummer M., Kubik-Huch R.A.:**
 - Can Dynamic Contrast-enhanced MRI Contribute to Improved Assessment of Rectosigmoid Involvement in Deep Infiltrating Endometriosis? *In Vivo*. 2021;35(4):2217-26. <https://dx.doi.org/10.21873/invivo.12494>
- **Husmann L., Huellner M.W., Eberhard N., Ledergerber B., Kaelin M.B., Anagnostopoulos A., Kudura K., Burger I.A., Mestres C.A., Rancic Z., Hasse B.:**
 - PET/CT in therapy control of infective native aortic aneurysms. *Scientific Reports*. 2021;11(1):5065. <https://dx.doi.org/10.1038/s41598-021-84658-z>
- **Kirste S., Kroeze S.G.C., Henkenberens C., Schmidt-Hegemann N.S., Vogel M.M.E., Becker J., Zamboglou C., Burger I., Derlin T., Bartenstein P., Ruf J., la Fougère C., Eiber M., Christiansen H., Combs S.E., Müller A.C., Belka C., Guckenberger M., Grosu A.L.:**
 - Combining (68)Ga-PSMA-PET/CT-Directed and Elective Radiation Therapy Improves Outcome in Oligorecurrent Prostate Cancer: A Retrospective Multicenter Study. *Frontiers in Oncology*. 2021;11:640467. <https://dx.doi.org/10.3389/fonc.2021.640467>

- **Karampinis I., Rathmann N., Kostrzewa M., Diehl S.J., Schoenberg S.O., Hohenberger P., Roessner E.D.:**
 - Computer tomography guided thoracoscopic resection of small pulmonary nodules in the hybrid theatre. *PLoS One*. 2021;16(11):e0258896. <https://dx.doi.org/10.1371/journal.pone.0258896>
- **König F., Rutz E., Jacobson J.A., Falkowski A.L., Magerkurth O.:**
 - Femoral Torsion in CT: Why We Should Add Some Trigonometry. *Austin J Radiol*. 2021; 8(1): 1120.
- **Kostrzewa M., Rothfuss A., Pätz T., Kühne M., Schoenberg S.O., Diehl S.J., Stalkamp J., Rathmann N.:**
 - Robotic Assistance System for Cone-Beam Computed Tomography-Guided Percutaneous Needle Placement. *Cardiovascular and Interventional Radiology*. 2022;45(1):62-8. Epub 2021 Aug 19. <https://dx.doi.org/10.1007/s00270-021-02938-7>
- **Kovacs B.K., Huegli R., Harder D., Cedro L., Berbig R., Amsler F., Bensler S., Hirschmann M.T., Hirschmann A.:**
 - MR variability of collagen meniscal implant remodelling in patients with good clinical outcome. *Knee Surgery, Sports Traumatology, Arthroscopy*. 2021;29(1):90-9. <https://dx.doi.org/10.1007/s00167-019-05715-9>
- **Kranzbühler B., Sousa R., Prause L., Burger I.A., Rupp N.J., Sulser T., Salemi S., Eberli D.:**
 - Impact of short-term Dutasteride treatment on prostate-specific membrane antigen expression in a mouse xenograft model. *Cancer Rep (Hoboken)*. 2021;4(6):e1418. <https://dx.doi.org/10.1002/cnr2.1418>
- **Kreul D.A., Kubik-Huch R.A., Froehlich J., Thali M.J., Niemann T.:**
 - Spectral Properties of Abdominal Tissues on Dual-energy Computed Tomography and the Effects of Contrast Agent. *In Vivo*. 2021;35(6):3277-87. <https://dx.doi.org/10.21873/invivo.12623>
- **Kudura K., Dimitriou F., Basler L., Förster R., Mihic-Probst D., Kutzker T., Dummer R., Mangana J., Burger I.A., Kreissl M.C.:**
 - Prediction of Early Response to Immune Checkpoint Inhibition Using FDG-PET/CT in Melanoma Patients. *Cancers*. 2021;13(15). <https://dx.doi.org/10.3390/cancers13153830>
- **Kudura K., Dimitriou F., Mihic-Probst D., Muehlethaler U.J., Kutzker T., Basler L., Förster R., Dummer R., Mangana J., Husmann L., Burger I.A., Kreissl M.C.:**
 - Malignancy Rate of Indeterminate Findings on FDG-PET/CT in Cutaneous Melanoma Patients. *Diagnostics (Basel)*. 2021;11(5). <https://dx.doi.org/10.3390/diagnostics11050883>

- **Lopez Benítez R., Reyes Del Castillo T., Benz D., Fechner C., Szabo L., Kara L., Monnard E., Kostrzewa M., Roos JE.:**
 - Percutaneous transhepatic biliary puncture simulator: a cord network prototype. *Adv Simul (Lond)*. 2021;6(1):27. <https://dx.doi.org/10.1186/s41077-021-00178-w>
- **Maushart C.I., Senn J.R., Loeliger R.C., Kraenzlin M.E., Müller J., Becker A.S., Balaz M., Wolfrum C., Burger I.A., Betz M.J.:**
 - Free Thyroxine Levels are Associated with Cold Induced Thermogenesis in Healthy Euthyroid Individuals. *Frontiers in Endocrinology*. 2021;12:666595. <https://dx.doi.org/10.3389/fendo.2021.666595>
- **Merat S., Blümlein T., Klarhöfer M., Nickel D., Singer G., Zöllner F.G., Schoenberg S.O., Kubik-Huch R.A., Hausmann D., Hefermehl L.:**
 - Impact of Chronic Prostatitis on the PI-RADS Score 3: Proposal for the Addition of a Novel Binary Suffix. *Diagnostics (Basel)*. 2021;11(4). <https://dx.doi.org/10.3390/diagnostics11040623>
- **Messerli M., Muehlematter U.J., Fassbind S., Franzen D., Ferraro D.A., Huellner M.W., Treyer V., Curioni-Fontecedro A., Burger I.A.:**
 - A pilot study on lung cancer detection based on regional metabolic activity distribution in digital low-dose 18F-FDG PET. *British Journal of Radiology*. 2021;94(1119):20200244. <https://dx.doi.org/10.1259/bjr.20200244>
- **Niemann T., Jerjen I., Hefermehl L., Wang Z., Kubik-Huch R.A., Stampanoni M.:**
 - The classification of renal stones by gratings-based dark-field radiography. *Cent European J Urol*. 2021;74(3):453-8. <https://dx.doi.org/10.5173/cej.2021.3.0334>
- **Rüschoff J.H., Ferraro D.A., Muehlematter U.J., Laudicella R., Hermanns T., Rodewald A.K., Moch H., Eberli D., Burger I.A., Rupp N.J.:**
 - What's behind (68)Ga-PSMA-11 uptake in primary prostate cancer PET? Investigation of histopathological parameters and immunohistochemical PSMA expression patterns. *European Journal of Nuclear Medicine and Molecular Imaging*. 2021;48(12):4042-53. <https://dx.doi.org/10.1007/s00259-021-05501-1>
- **Schmidt C., Hötker A.M., Muehlematter U.J., Burger I.A., Donati O.F., Barth B.K.:**
 - Value of bowel preparation techniques for prostate MRI: a preliminary study. *Abdom Radiol (NY)*. 2021;46(8):4002-13. <https://dx.doi.org/10.1007/s00261-021-03046-3>
- **Soltermann A., Opitz I., Burger I.A.:**
 - Histology of the pleural rind at [(18)F]FDG PET/CT hot and cold spots in mesothelioma patients after talc pleurodesis and neoadjuvant chemotherapy. *Pathology, Research and Practice*. 2021;228:153660. <https://dx.doi.org/10.1016/j.prp.2021.153660>
- **Spahic B., Hasselmann D.G., Kostrzewa M., Meier T.O., Engelberger S., Clemens R.K.:**
 - Quality of Life in Swiss Patients With Spongiform Venous Malformations. *In Vivo*. 2021;35(6):3527-35. <https://dx.doi.org/10.21873/invivo.12655>

- **Urbanschtz L., Bensler S., Merat S., Lenz C.G., Eid K.:**
 - How Should We Grade Cervical Disk Degeneration? A Comparison of Two Popular Classification Systems. *Spine Surg Relat Res.* 2021;5(6):347-51. <https://dx.doi.org/10.22603/ssrr.2021-0048>
- **Urbanschtz L., Merat S., Bensler S., Lenz C.G., Mameghani A.T., Eid K.:**
 - Cervical disc degeneration reduces distance between vertebral artery and surgical landmarks. *Clinical Neurology and Neurosurgery.* 2021;200:106332. <https://dx.doi.org/10.1016/j.clineuro.2020.106332>
- **Weikert T., Rapaka S., Grbic S., Re T., Chaganti S., Winkel D.J., Anastasopoulos C., Niemann T., Wiggli B.J., Bremerich J., Twerenbold R., Sommer G., Comaniciu D., Sauter A.W.:**
 - Prediction of Patient Management in COVID-19 Using Deep Learning-Based Fully Automated Extraction of Cardiothoracic CT Metrics and Laboratory Findings. *Korean J Radiol.* 2021;22(6):994-1004. <https://dx.doi.org/10.3348/kjr.2020.0994>

Fallberichte / Reviews / Editorials

- **Ahlhelm F., Rotzinger R., Heesen M., Gebhard H., Omidi R.:**
 - [Spinal ozone therapy]. *Radiologe.* 2021;61(8):736-41. <https://dx.doi.org/10.1007/s00117-021-00878-4>
- **Attenberger U.I., Clasen S., Ghadimi M., Grosse U., Antoch G., Schreyer A.G., Wessling J., Hausmann D., Piso P., Plodeck V., Stintzing S., Rödel C.M., Hofheinz RD.:**
 - Importance and Qualitative Requirements of Magnetic Resonance Imaging for Therapy Planning in Rectal Cancer - Interdisciplinary Recommendations of AIO, ARO, ACO and the German Radiological Society. *RoFo : Fortschritte auf dem Gebiete der Röntgenstrahlen und der Nuklearmedizin.* 2021;193(5):513-20. <https://dx.doi.org/10.1055/a-1299-1807>
- **Barbagallo M., Naef D., Köpfl P., Hufschmid U., Niemann T., Gebker R., Beer J.H., Hireche-Chiakoui H.:**
 - Right ventricular thrombus, a challenge in imaging diagnostics: a case series. *Eur Heart J Case Rep.* 2021;5(9):ytab340. <https://dx.doi.org/10.1093/ehjcr/ytab340>
- **Bensler S., Fritz B.:**
 - Femoroacetabular Impingement (FAI): Point-Early Diagnosis and Treatment of FAI Is Important to Provide a Chance for Hip Joint Preservation. *AJR: American Journal of Roentgenology.* 2021;217(6):1295-6. <https://dx.doi.org/10.2214/ajr.21.26198>
- **Liberini V., Laudicella R., Capozza M., Huellner M.W., Burger I.A., Baldari S., Terreno E., Deandreis D.:**
 - The Future of Cancer Diagnosis, Treatment and Surveillance: A Systemic Review on Immunotherapy and Immuno-PET Radiotracers. *Molecules.* 2021 Apr 11;26(8):2201. doi: 10.3390/molecules26082201.

- **Laudicella R., Burger I.A., Panasiti F., Longo C., Scalisi S., Minutoli F., Baldari S., Grimaldi L.M.E., Alongi P.:**
 - Subcutaneous Uptake on [18F]Florbetaben PET/CT: a Case Report of Possible Amyloid-Beta Immune-Reactivity After COVID-19 Vaccination. *SN Compr Clin Med.* 2021;1:1-3. <https://dx.doi.org/10.1007/s42399-021-01058-0>
- **Marom G., Kostrzewa M., Glazer Y., Swanstrom L.L., Shlomovitz E.:**
 - Percutaneous Cholecystoduodenal Anastomosis for Internal Gallbladder Drainage Using a Lumen-Apposing Metal Stent. *Journal of Vascular and Interventional Radiology.* 2021;32(1):142-3. <https://dx.doi.org/10.1016/j.jvir.2020.05.015>
- **Messerli M., Kotasidis F., Ferraro D.A., Kudura K., Treyer V., Trinckauf J., Weyermann C., Hüllner M., Kaufmann P., Burger I.A.:**
 - Whole-body parametric [(18)F]-FDG PET/CT improves interpretation of a distant lesion as venous embolus in a lung cancer patient. *European Journal of Nuclear Medicine and Molecular Imaging.* 2021;48(6):2047-8. <https://dx.doi.org/10.1007/s00259-020-05176-0>
- **Minutoli F., Laudicella R., Burger I.A., Baldari S.:**
 - Combined use of peptide receptor radionuclide therapy and metronomic chemotherapy in neuroendocrine tumors: a possible choice driven by nuclear medicine molecular imaging. *European Journal of Nuclear Medicine and Molecular Imaging.* 2021;48(10):3041-2. <https://dx.doi.org/10.1007/s00259-021-05330-2>
- **Popescu C., Burger I.A.:**
 - The Role of Molecular Imaging in the Assessment of Cardiac Amyloidosis: State-of-the-Art. *Curr Radiopharm.* 2021;14(3):228-41. <https://dx.doi.org/10.2174/1874471013666200611105856>
- **Rotzinger R., Omid R., Gebhard H., Shariat K., Ahlhelm F.:**
 - [Spondylodiscitis and epidural abscesses]. *Radiologe.* 2021;61(3):275-82. <https://dx.doi.org/10.1007/s00117-021-00814-6>

Bücher / Buchkapitel

- **Hodler J., Kubik-Huch R.A., von Schulthess G.K.:**
 - IDKD Springer Series. editors.In: *Musculoskeletal Diseases 2021-2024: Diagnostic Imaging.* Cham (CH): Springer. Copyright 2021, The Editor(s) (if applicable) and The Author(s). This book is an open access publication.; 2021.
- **Chang C.Y., Pathria M.N., Hodler J., Kubik-Huch R.A., von Schulthess G.K.:**
 - IDKD Springer Series. *Spine Trauma.* editors.In: *Musculoskeletal Diseases 2021-2024: Diagnostic Imaging.* Cham (CH): Springer. Copyright 2021, The Author(s). 2021. p. 183-96.

- **Griffith J.F., Guggenberger R., Hodler J., Kubik-Huch R.A., von Schulthess G.K.:**
 - IDKD Springer Series. Peripheral Nerve Imaging. editors.In: Musculoskeletal Diseases 2021-2024: Diagnostic Imaging. Cham (CH): Springer. Copyright 2021, The Author(s). 2021. p. 259-68.
- **Gyftopoulos S., Woertler K., Hodler J., Kubik-Huch R.A., von Schulthess G.K.:**
 - IDKD Springer Series. Ankle and Foot. editors.In: Musculoskeletal Diseases 2021-2024: Diagnostic Imaging. Cham (CH): Springer. Copyright 2021, The Author(s). 2021. p. 107-20.
- **Hausmann D., Schönberg S.:**
 - (2015) MRT der Prostata. In: Michel M., Thüroff J., Janetschek G., Wirth M. (eds) Die Urologie. Springer Reference Medizin. Springer, Berlin, Heidelberg. 2. Auflage accepted 2021. https://doi.org/10.1007/978-3-642-41168-7_135-1.
- **Khalilzadeh O., Canella C., Fayad L.M., Hodler J., Kubik-Huch R.A., von Schulthess G.K.:**
 - IDKD Springer Series. Wrist and Hand. editors.In: Musculoskeletal Diseases 2021-2024: Diagnostic Imaging. Cham (CH): Springer. Copyright 2021, The Author(s). 2021. p. 41-55.
- **Llopis E., Perez A., Cerezal L., Hodler J., Kubik-Huch R.A., von Schulthess G.K.:**
 - IDKD Springer Series. Rotator Cuff. editors.In: Musculoskeletal Diseases 2021-2024: Diagnostic Imaging. Cham (CH): Springer. Copyright 2021, The Author(s). 2021. p. 11-21.
- **Palmer W., Jesse M.K., Hodler J., Kubik-Huch R.A., von Schulthess G.K.:**
 - IDKD Springer Series. Muscle Imaging. editors.In: Musculoskeletal Diseases 2021-2024: Diagnostic Imaging. Cham (CH): Springer. Copyright 2021, The Author(s). 2021. p. 247-58.
- **Tuite M.J., Pfirrmann C.W.A., Hodler J., Kubik-Huch R.A., von Schulthess G.K.:**
 - IDKD Springer Series. Shoulder: Instability. editors.In: Musculoskeletal Diseases 2021-2024: Diagnostic Imaging. Cham (CH): Springer. Copyright 2021, The Author(s). 2021. p. 1-9. ISBN 978-3-0365-2708-6 (Hbk); ISBN 978-3-0365-2709-3 (PDF)

Abstracts / publizierte Kongressbeiträge

- **Hausmann D., Murer M., Leo C., Burger I.A.:**
 - The sentinel node after neoadjuvant chemotherapy: what the nuclear medicine physician needs to know and how we might improve localization of clipped lymph nodes. D. SGNM 2021
- **Hefermehl L., Sliker J., Lehmann K., Niemann T., Maletzki P., Bujaroska T., Labulo O., Li Z., Guenther E., Ramakrishnan V., Kubik-Huch R., Nocito A.:**
 - Quantification of residual pneumoperitoneum after robotic-assisted laparoscopic surgery. British Journal of Surgery. 2021;108(Supplement_4). <https://dx.doi.org/10.1093/bjs/zn-ab202.013>

- **Hefermehl L., Slieker J., Lehmann K., Niemann T., Maletzki, P., Bujaroska T., Lanulo O., Li Z., Guenther E., Ramakrishnan V., Kubik-Huch R., Nocito A.:**
 - Quantification of residual pneumoperitoneum after robotic-assisted laparoscopic surgery. Swiss knife 2021;18:15.
- **Hefermehl L., Slieker J., Lehmann K., Niemann T., Maletzki, P., Bujaroska T., Lanulo O., Li Z., Guenther E., Ramakrishnan V., Kubik-Huch R., Nocito A.:**
 - Quantification of residual pneumoperitoneum after robotic-assisted laparoscopic surgery. Jahreskongress der Schweizerischen Gesellschaft für Chirurgie 2021.1st - 3rd June 2021, online edition
- **Kostrzewa M., Rothfuss A., Michel B., Pätz T., Lutoschkin A., Verde J., Diehl S.:**
 - First in vivo study of a robotic assistance device for percutaneous, cone-beam computed tomography guided needle placement. CIRSE 2021 Summit. Oral presentation.
- **Keller M., Kubik-Huch R., Bensler S.:**
 - MRI of lumbar perivertebral cysts. ESSR 2021
- **Lutoschkin A., Eigenmann F., Potempa A., M'hamdi B., Zollikofer C.L., Kostrzewa M.:**
 - Endovascular treatment of a hepatic artery injury with a covered stent after endoscopic removal of a common bile duct stent. CIRSE 2021 Summit. Poster presentation.
- **Potempa A., Kubik-Huch R., Niemann T.:**
 - Comprehensive literature research of COVID-19 Scores in CT chest. SCR'21 Online Edition.
- **Potempa A., Zollikofer C.L., Lutoschkin A., M'hamdi B., Kostrzewa M.:**
 - Percutaneous coil-embolization of a pseudoaneurysm of the inferior pancreaticoduodenal artery due to pancreatitis. CIRSE 2021 Summit. Poster presentation.

Eingeladene Vorträge

- **Burger I.A.:**
 - Nuclides in medicine. ETH council at PSI. 13.04.2021
- **Burger I.A.:**
 - Who cares about lymph nodes? SGN Webinar: 14.10.2021
- **Burger I.A.:**
 - Chair for highlight session. EANM online. 20.10.2021
- **Burger I.A.:**
 - "PET/MRI quo vadis" Invited speaker EANM 2021. 22.10.2021
- **Burger I.A.:**
 - Virtual Tumor Board. Astella Symposium. 19.11.2021
- **Burger I.A.:**
 - Wie kann Radioaktivität helfen Krebs zu bekämpfen? Seniorenuniversität Luzern: Nuklearmedizin. 23.11.2021

- **Burger I.A.:**
 - Molecular imaging. Senologie Update: 25.11.2021
- **Burger I.A.:**
 - Virtual Tumor Board. Healthbook. 14.12.2021
- **Kostrzewa M.:**
 - First clinical results with SOMATOM X.ceed and myNeedle Companion: a novel tool for CT-guided interventions with an integrated laser guidance system. Congress of the Cardiovascular and Interventional Radiological Society of Europe (CIRSE) 2021 Summit. Invited oral presentation.
- **Kubik R.A., Thueler A.:**
 - Osteoporosis; CAS Module "Musculoskeletal Medicine, Autoimmunity & Gender Forensics", Universität Zürich, 01.11.2021
- **Kubik R.A.:**
 - Frauen in Führung (Online Schulung). KSB, 23.03.2021