

Radiologie und Nuklearmedizin
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Publikationen RuN 2022

Altersberger VL, Wright PR, Schaedelin SA, De Marchis GM, Gensicke H, Engelter ST, Psychogios M, Kahles T, Goeldlin M, Meinel TR, Mordasini P, Kaesmacher J, **von Hessling A**, Vehoff J, Weber J, Wegener S, Salmen S, Sturzenegger R, Medlin F, Berger C, Schelosky L, Renaud S, Niederhauser J, Bonvin C, Schaerer M, Mono ML, Rodic B, Schwegler G, Peters N, Bolognese M, Luft AR, Cereda CW, Kagi G, Michel P, Carrera E, Arnold M, Fischer U, Nedeltchev K, Bonati LH. Effect of admission time on provision of acute stroke treatment at stroke units and stroke centers- An analysis of the Swiss Stroke Registry. *Eur Stroke J* 2022;7(2):117-25.

Blum V, Andrei V, Ameline B, Hofer S, Fuchs B, **Strobel K**, Allemann A, Bode B, Baumhoer D. Metastatic mesenchymal chondrosarcoma showing a sustained response to cabozantinib: A case report. *Front Oncol* 2022;12:1086677

Dirrichs T, Bauerschlag D, Maass N, Kuhl CK, **Schradling S**. Impact of Multiparametric MRI (mMRI) on the Therapeutic Management of Adnexal Masses Detected with Transvaginal Ultrasound (TVUS): An Interdisciplinary Management Approach. *Acad Radiol* 2022;29(2):183-97.

Dittrich TD, Sporns P, Kriemler L, Rudin S, Nguyen A, Zietz A, Polymeris AA, Tränka C, Thilemann S, Wagner B, Altersberger V, Piot I, Barinka F, Hänsel M, Gensicke H, Engelter S, Lyrer PA, Sutter R, Nickel C, Katan M, Peter N, Michels L, Kulcsar Z, **Karwacki G**, Pileggi M, Cereda CW, Wegener S, Bonati L, Fischer U, Psychogios M, De Marchis GM. Mechanical Thrombectomy For Large Vessel Occlusion Between 6 And 24 Hours: Outcome Comparison Of Defuse-3/Dawn Eligible Versus Non-Eligible Patients. *Int J Stroke* 2022;Nov 11 (Epub ahead of print).

Elfgen C, Tausch C, Rodewald AK, Guth U, Rageth C, Bjelic-Radisic V, Fleisch M, **Kurtz C**, Gonzalez Diaz J, Varga Z. Factors Indicating Surgical Excision in Classical Type of Lobular Neoplasia of the Breast. *Breast Care* 2022;17(2):121-8. Ernst T, Aebi S, Zander A, Zander T. Partial response to dabrafenib and trametinib in relapsed BRAF V600E-Mutated multiple myeloma and possible mechanisms of resistance. *BMJ Case Rep* 2022;15(4):e246264.

Fang C, Jaworska J, Buda N, Ciuca IM, Dong Y, Feldkamp A, Jüngert J, Kosiak W, Mentzel HJ, Pienar C, Rabat JS, Rafailidis V, **Schradling S**, Schreiber-Dietrich D, Dietrich CF. Ultrasound of the chest and mediastinum in children, interventions and artefacts. *WFUMB review paper (part 3)*. *Med Ultrason* 2022;24(1):65-7. Frei M, Berres M, Kivisaari SL, Henzen NA, Monsch AU, Reinhardt J, Blatow M, Kressig RW, Krumm S. Can you find it? Novel oddity detection task for the early detection of Alzheimer's disease. *Neuropsychology* 2022;Oct 6 (Epub ahead of print).

Haefeli P, Möhl P, Fuchs B, Studer G, Aebi S, Noger M, **Lopez Benitez R**, Link BC. Die interdisziplinäre Behandlung von Knochenmetastasen am LUKS Teil 1 – Die erweiterte kombinierte chirurgisch-interventionelle Therapie: Embolisation, Biopsie, Ablation und operative Versorgung in einer Sitzung. *Der Luzerner Arzt* 2022;2(129):57-61.

Hug U, Fiumedinisi F, **Roos JE**, Pallaver A, Bodmer E, Liechti R. Torque acting on biodegradable magnesium screws during intramedullary insertion into a metacarpal bone – a biomechanical study. *Hand Surg Rehabil* 2022;41(3):341-6.

Karwacki GM, Reyes Del Castillo T, von Hessling A. Radial Access Simulation Using Mentice. *World Neurosurg* 2022;158:314-5. Klingenberg R, Holtkamp F, Grün D, Frey A, Jahns V, Jahns R, Gassenmaier T, Hamm CW, Frantz S, Keller T. Use of serial changes in biomarkers vs. baseline levels to predict left ventricular remodelling after STEMI. *ESC Heart Fail* 2022;Oct 21 (Epub ahead of print).

Lakatos L, Bolognese M, Muller M, Osterreich M, **von Hessling A.** Automated Supra- and Infratentorial Brain Infarct Volume Estimation on Diffusion Weighted Imaging Using the RAPID Software. *Front Neurol* 2022;13:907151.

Lima TVM, Del Castillo TR, Heinrich M, Zihlmann S, Benitez RL, Roos JE. Impact of the incorrect use of lead drapes on staff and patient doses in interventional radiology. *J Radiol Prot* 2022;42(2).

Lopez Benitez R, Breiding PS, **Roos JE,** Zschokke I, Scheiwiller A, Gass JM, Reyes Del Castillo T. Interventional treatment of biliodigestive anastomosis leaks with a modified percutaneous transhepatic cholangiodrainage. *BMJ Open Gastroenterol* 2022;9(1):e000803

Luetkens KS, Huflage H, Kunz AS, Ritschl L, Herbst M, Kappler S, Ergün S, Goertz L, Pennig L, Bley TA, **Gassenmaier T,** Grunz JP. The effect of tin prefiltration on extremity cone-beam CT imaging with a twin robotic X-ray system. *Radiography* 2022;28(2):433-9.

Nguyen TN, Qureshi MM, Klein P, et al. Global Impact of the COVID-19 Pandemic on Stroke Volumes and Cerebrovascular Events: One-Year Follow-up. *Neurology* 2022;Oct 18 (Epub ahead of print).

Nguyen TN, Qureshi MM, Klein P, et al. Global impact of the COVID-19 pandemic on subarachnoid haemorrhage hospitalisations, aneurysm treatment and in-hospital mortality: 1-year follow-up. *J Neurol Neurosurg Psychiatry* 2022;Jul 28 (Epub ahead of print).

Percuoco V, Kemp O, Bolognese M, **von Hessling A,** Scholte JB, Schneider UC. A case of fulminant Listeria-rhombencephalitis with brainstem abscesses in a 37-year-old immunocompetent patient: from vestibular neuritis to Ondine's curse. *J Neurol Surg A Cent Eur Neurosurg* 2022;Dec 8 (Epub ahead of print).

Rus-Oswald OG, Benner J, Reinhardt J, Bürki C, Christiner M, Hofmann E, Schneider P, Stippich C, Kressig RW, **Blatow M.** Musicianship-Related Structural and Functional Cortical Features Are Preserved in Elderly Musicians. *Front Aging Neurosci* 2022;14:807971.

Schneider UC, **von Hessling A,** Coluccia D, Parduzi Q, Konrad C, Bohlhalter S, Müller M. Extra-intrakranieller Bypass – die erste Operation dieser Art in der Zentralschweiz. *Der Luzerner Arzt* 2022;4(131):27-31.

Schrading S, Kaiser S, Roos J, Stahr N. Statische und dynamische MR-Urographie bei Kindern. Paediatrica 2022;33(1):38-45.

Simma L, **Fornaro J, Stahr N,** Lehner M, **Roos JE, Lima TVM.** Optimising whole body computed tomography doses for paediatric trauma patients: a Swiss retrospective analysis. J Radiol Prot 2022;42(2):1521.

Simma L, **Fornaro J, Stahr N,** Lehner M, **Roos JE, Lima TVM.** Corrigendum: Optimizing whole body computed tomography doses for paediatric trauma patients: a Swiss retrospective analysis. J Radiol Prot 2022;42(4):9501.

Stenz NA, Hashmi S, Lehnick D, **Treumann T,** Linder T. Role of computed tomography in the preoperative diagnosis of otosclerosis. HNO 2022;Nov 3 (Epub ahead of print).

Studer G, Haefeli P, Möhl P, Fuchs B, Aebi S, Noger M, **Lopez Benitez R,** Link BC, Collen T, Glanzmann C. Die interdisziplinäre Behandlung von Knochenmetastasen am LUKS Teil 2 – RADIOTHERAPIE von Knochen-Metastasen. Der Luzerner Arzt 2022;4(131):46-50.

Studer S, van Veelen NM, van de Wall BJM, Kuner V, **Schrading S,** Link BC, Knobe M, Babst R, Beeres FJP. Improving the protocol for whole-body CT scans in trauma patients. Eur J Trauma Emerg Surg 2022;48(4):3149-56.

Toggweiler S, Brinkert M, Wolfrum M, Moccetti F, Stampfli SF, De Boeck BWL, Magarzo G, **Gassenmaier T,** Attinger-Toller A, Bossard M, **Fornaro J, Buhmann R,** Cuculi F, Kobza R. Paravalvular Leak After Implantation of the ACURATE neo and the ACURATE neo2 Transcatheter Heart Valve. Cardiovasc Revasc Med 2022;45:37-43.

Traub J, Grondey K, **Gassenmaier T,** Schmitt D, Fette G, Frantz S, Boivin-Jahns V, Jahns R, Störk S, Stoll G, Reiter T, Hofmann U, Weber MS, Frey A. Sustained Increase in Serum Glial Fibrillary Acidic Protein after First ST-Elevation Myocardial Infarction. Int J Mol Sci 2022;23(18):10304.

Traub J, Schürmann P, Schmitt D, **Gassenmaier T,** Fette G, Frantz S, Störk S, Beyersdorf N, Boivin-Jahns V, Jahns R, Hofmann U, Frey A. Features of metabolic syndrome and inflammation independently affect left ventricular function early after first myocardial infarction. Int J Cardiol 2022;Oct 25 (Epub ahead of print).

von Hessling A, Reyes Del Castillo T, Karwacki G, Roos JE. The Columbus steerable guidewire in neurointerventions: early clinical experience and applications. J Neurointerv Surg 2022;14(3):291-6.

von Hessling A, Reyes Del Castillo T, Lehmann L, Roos JE, Karwacki G. Applications of the Columbus steerable guidewire. J Neurointerv Surg 2022;14(10):1045.

von Hessling A, Reyes Del Castillo T, Roos JE, Karwacki GM. Technical considerations and tips for using the Tegus remote proctoring system in elective and emergency cases and in webinars. J Neurointerv Surg 2022;14(10):976-8.

Wendebourg MJ, Weigel M, Richter L, Gocheva V, Hafner P, Orsini AL, Crepulja V, Schmidt S, Huck A, Oechtering J, **Blatow M,** Haas T, Granziera C, Kappos L, Cattin P, Bieri O, Fischer D, Schlaeger R. Spinal cord gray matter atrophy is associated with functional decline in post-polio syndrome. Eur J Neurol 2022;29(5):1435-45.

Wicke C, Werner J, Stenz NA, Fischli S, **del Sol Pérez Lago M**, Rössle M, Zehnder J.
Interdisziplinäre Abklärung und Behandlung von Schilddrüsen- und
Nebenschilddrüsenenerkrankungen am Luzerner Kantonsspital. Der Luzerner Arzt 2022;4(131):22-5.