

## Danske Radiografers videnskabelige publikationer 2020

### En liste over videnskabelige artikler med danske forfattere.

Agergaard, A. S., Malmgaard-Clausen, N. M., Svensson, R. B., **Nybing, J. D.**, Boesen, M., Kjaer, M., Magnusson S. P. & Hansen, P. 2021. *UTE T2\* mapping of tendinopathic patellar tendons: an MRI reproducibility study*. Acta Radiol, 62, 215-224

Bachmann, R., **Ingebrigtsen, R. L.**, Madsen, K. S., Holm, O., Christensen, A. F., & **Lauridsen, C. A.** (2020). *CO-score; a new method for quality assessment of radiology reports*. Radiography (Lond), 26(3), e152-e157.

**Bauer C.**, Dyrby TB., Sellebjerg F., Madsen KS., Svolgaard O., Blinkenberg M., Siebner HR., & Andersen KW. (2020). *Motor fatigue is associated with asymmetric connectivity properties of the corticospinal tract in multiple sclerosis*. NeuroImage: Clinical, 28, 102393.

**Baun, C.**, Mitran, B., Rinne, S. S., Dam, J. H., Olsen, B. B., Tolmachev, V., Orlova, A. & Thisgaard, H. (2020). *Preclinical Evaluation of the Copper-64 Labeled GRPR-Antagonist RM26 in Comparison with the Cobalt-55 Labeled Counterpart for PET-Imaging of Prostate Cancer*. Molecules, 25(24).

**Blankholm, A. D.**, & Hansson, B. (2020). *Incident reporting and level of MR safety education: A Danish national study*. Radiography (Lond), 26(2), 147-153.

**Blessing, K. F.**, Brabrand, M., Graumann, O., Foldrup, A., & **Mussmann, B.** (2020). *Can the examination time in CT and conventional x-ray be reduced in an emergency department with integrated radiology unit? A retrospective study*. Acute Medicine, 19(1), 21-25.

**Brage, K.** (2020). *Clinimetric properties of Strain Elastography in patients with supraspinatus tendinopathy*. Ultraschall in der Medizin, 41(06), 715-716.

**Brage, K.**, Hjarbaek, J., Boyle, E., Ingwersen, K. G., Kjaer, P., & Juul-Kristensen, B. (2020). *Discriminative and convergent validity of strain elastography for detecting tendinopathy within the supraspinatus tendon: a cross-sectional study*. JSES Int, 4(2), 310-317.

**Brage, K.**, Juul-Kristensen, B., Hjarbaek, J., Boyle, E., Kjaer, P., & Ingwersen, K. G. (2020). *Strain Elastography and Tendon Response to an Exercise Program in Patients With Supraspinatus Tendinopathy: An Exploratory Study*. *Orthop J Sports Med*, 8(12)

Bucan, A., Dhumale, P., Jørgensen, M. G., Dalaei, F., Wiinholt, A., Hansen, C. R., Hvidsten, S., **Baun, C.**, Hejbøl, E. K., Schrøder, H. D & Sørensen, J. A. (2020). *Comparison between stromal vascular fraction and adipose derived stem cells in a mouse lymphedema model*. *Journal of Plastic Surgery and Hand Surgery*, 54(5), 302-311.

Christiansen, S. N., Müller, F. C., Østergaard, M., Slot, O., **Møller, J. M.**, **Børgesen, H. F.**, Gosvig, K. K. & Terslev, L. 2020. *Dual-energy CT in gout patients: Do all colour-coded lesions actually represent monosodium urate crystals?* *Arthritis Research & Therapy*, 22, 212.

Daugaard, C. L., Henriksen, M., Riis, R. G. C., Bandak, E., **Nybing, J. D.**, Hangaard, S., Bliddahl, H. & Boesen, M. 2020. *The impact of a significant weight loss on inflammation assessed on DCE-MRI and static MRI in knee osteoarthritis: a prospective cohort study*. *Osteoarthritis Cartilage*, 28, 766-773.

Enevoldsen, S., & **Kusk, M. W.** (2020). *Image quality of bedside chest radiographs in intensive care beds with integrated detector tray: A phantom study*. *Radiography (Lond)*.

Frostberg, E., **Pedersen, M. R.**, Manhoobi, Y., Rahr, H. B., & Rafaelsen, S. R. (2021). *Three different computed tomography obesity indices, two standard methods, and one novel measurement, and their association with outcomes after colorectal cancer surgery*. *Acta Radiologica*, 62(2), 182-189.

Glinatsi, D., Brahe, C. H., Hetland, M. L., Ørnbjerg, L., Krabbe, S., Baker, J. F., Boesen, M., Rastiemadabadi, Z., Morsel-Carlsen, L., Røgind, H., Hansen, A., Nørregaard, J., Jacobsen, S., Terslev, L., Huynh, T. K., Manilo, N., Jensen, D. V., **Møller, J. M.**, Krogh, N. S. & Østergaard, M. (2020). *Association between MRI findings and patient-reported outcomes in patients with rheumatoid arthritis in clinical remission and at relapse*. *Int J Rheumatic Diseases*, 23(4), 488-498.

Gurani, S. F., Cattaneo, P. M., Rafaelsen, S. R., **Pedersen, M. R.**, Thorn, J. J., & Pinholt, E. M. (2020). *The effect of altered head and tongue posture on upper airway volume based on a validated upper airway analysis-An MRI pilot study*. *Orthodontics & Craniofacial Research*, 23(1), 102-109.

Gylling AT., Eriksen CS., Garde E., Wimmelmann CL., Reislev NL., Bieler T., Ziegler AK., Andersen KW., **Bauer C.**, Dideriksen K., Baeksgaard M., Mertz KH., Bayer ML., Bloch-Ibenfeldt M., Boraxbekk CJ., Siebner HR., Mortensen EL., & Kjaer M. (2020). The influence of prolonged strength training upon muscle and fat in healthy and chronically diseased older adults. *Experimental Gerontology*, 136, 110939.

Holm, J., Ahangarani Farahani, Z., Gerke, O., **Baun, C.**, Falch, K., & Grubbe Hildebrandt, M. (2020). *Higher Interrater Agreement of FDG-PET/CT than Bone Scintigraphy in Diagnosing Bone Recurrent Breast Cancer*. *Diagnostics (Basel)*, 10(12).

**Jensen, J. M., Andersen, P. A. B., Kirkegaard, L., Larsen, N., Most, W.**, Nielsen, D., & **Precht, H.** (2020). *Exploring the patient perspectives of mobile X-ray in nursing homes - A qualitative explorative pilot study*. *Radiography (Lond)*.

Krabbe, S., Eshed, I., Sørensen, I. J., **Møller, J.**, Jensen, B., Madsen, O. R., Klarlund, M., Pedersen, S. J. & Østergaard, M. (2020). *Novel whole-body magnetic resonance imaging response and remission criteria document diminished inflammation during golimumab treatment in axial spondyloarthritis*. *Rheumatology (Oxford, England)*, 59(11)

Krabbe, S., Kröber, G., Pedersen, S. J., Østergaard, M., **Møller, J. M.**, Sørensen, I. J., Jensen, B., Madsen, O. R., Klarlund, M. & Weber, U. (2020). *Scoring magnetic resonance imaging (MRI) inflammation and structural lesions in sacroiliac joints of patients with axial spondyloarthritis: assessment of all MRI slices of the cartilaginous compartment versus standardized six or five slices*. *Scandinavian Journal of Rheumatology*, 49(3), 200-209.

**Lysdahlgaard, S.**, Hess, S., Gerke, O., & **Weber Kusk, M.** (2020). *A systematic literature review and meta-analysis of spectral CT compared to scintigraphy in the diagnosis of acute and chronic pulmonary embolisms*. *European Radiology*, 30(7), 3624-3633.

Malling, B., Røder, M. A., **Lauridsen, C.**, & Lönn, L. (2020). *Can Computed Tomography Perfusion Predict Treatment Response After Prostate Artery Embolization: A Feasibility Study*. *Diagnostics (Basel)*, 10(5).

**Mussmann, B.**, Hardy, M., Jung, H., Ding, M., Osther, P. J., & Graumann, O. (2020). *Can Dual Energy CT with Fast kV-Switching Determine Renal Stone Composition Accurately?* *Academic Radiology*.

**Mussmann, B.**, Hardy, M., **Rajalingam, R.**, **Peters, D.**, McFadden, S., & Abdi, A. J. (2020). *Local diagnostic reference levels for skeletal surveys in suspected physical child abuse*. *Radiography*.

Müller, F. C., Gosvig, K. K., **Børgesen, H.**, Gade, J. S., Bregnebøl, M., Rodell, A., Nèmerly, M. & Boesen, M. 2020. *Dual-Energy CT for Suspected Radiographically Negative Wrist Fractures: A Prospective Diagnostic Test Accuracy Study*. *Radiology*, 296, 596-602.

Møller-Bisgaard, S., Georgiadis, S., Hørslev-Petersen, K., Ejbjerg, B., Hetland, M. L., Ørnbjerg, L. M., Glinatsi, D., **Møller, J.**, Boesen, M., Stengaard-Pedersen, K., Madsen, O. R., Jensen, B., Villadsen, J. A., Hauge, E. M., Bennett, P., Hendricks, O., Asmussen, K., Kowalski, M., Lindegaard, H., Bliddal, H., Krogh, N. S., Ellingsen, T., Nielsen, A. H., Balding, L., Jurik, A. G., Thomsen, H. S. & Østergaard, M. (2021). *Predictors of joint damage progression and stringent remission in patients with established rheumatoid arthritis in clinical remission*. *Rheumatology (Oxford, England)*, 60(1), 380-391.

**Møller, J. M.**, Østergaard, M., Thomsen, H. S., Hangaard, S., Sørensen, I. J., Madsen, O. R., & Pedersen, S. J. (2020). *Repeatability and reproducibility of MRI apparent diffusion coefficient applied on four different regions of interest for patients with axial spondyloarthritis and healthy volunteers scanned twice within a week*. *BJR Open*, 2(1)

**Møller, J. M.**, Østergaard, M., Thomsen, H. S., Krabbe, S., Sørensen, I. J., Jensen, B., Madsen, O. R., Klarlund, M. & Pedersen, S. J. (2020). *Validation of assessment methods for the apparent diffusion coefficient in a clinical trial of axial spondyloarthritis patients treated with golimumab*. *Eur J Radiol Open*, 7

**Møller, J. M.**, Østergaard, M., Thomsen, H. S., Sørensen, I. J., Madsen, O. R., & Pedersen, S. J. (2020). *Test-retest repeatability of the apparent diffusion coefficient in sacroiliac joint MRI in patients with axial spondyloarthritis and healthy individuals*. *Acta Radiol Open*, 9(3)

Ng, S. N., Axelsen, M. B., Østergaard, M., Pedersen, S. J., Eshed, I., Hetland, M. L., **Møller, J.M.**, & Terslev, L. (2020). *Whole-Body Magnetic Resonance Imaging Assessment of Joint Inflammation in Rheumatoid Arthritis-Agreement With Ultrasonography and Clinical Evaluation*. *Front Med (Lausanne)*, 7, 285.

Nygaard, L., Rafaelsen, S. R., Lindebjerg, J., & **Pedersen, M. R. V.** (2020). *Testicular Metastatic Sarcomatoid Carcinoma of Unknown Primary: A Case Report*. *Ultrasound Int Open*, 6(3), E62-e65.

**Pedersen, M. R. V.**, Dam, C., Loft, M., & Rafaelsen, S. R. (2020). *Reporting colon cancer staging using a template*. *Eur J Radiol Open*, 7

**Pedersen, M. R. V.**, Dam, C., & Rafaelsen, S. R. (2020). *Music and pain during endorectal ultrasonography examination: A prospective questionnaire study and literature review*. *Radiography (Lond)*, 26(3), e164-e169.

Pilmark, N. S., Lyngbæk, M., Oberholzer, L., Elkjær, I., Petersen-Bønding, C., Kofoed, K., Siebenmann C., Kellenberger, K., Van Hall, G., Abildgaard, J., Ellingsgaard, H., **Lauridsen, C.**, Ried-Larsen, M., Pedersen, B. K., Hansen, K. B. & Karstoft, K. (2021). *The interaction between metformin and physical activity on postprandial glucose and glucose kinetics: a randomised, clinical trial*. *Diabetologia*, 64(2), 397-409.

Poulsen, A. E. F., Axelsen, M. B., Poggenborg, R. P., Eshed, I., Krabbe, S., Glinatsi, D., **Møller, J.M.**, & Østergaard, M. (2021). *Whole-body Magnetic Resonance Imaging in Psoriatic Arthritis, Rheumatoid Arthritis, and Healthy Controls: Interscan, Intrareader, and Interreader Agreement and Distribution of Lesions*. *Journal of Rheumatology*, 48(2), 198-206.

Rafaelsen, S. R., **Otto, P. O.**, & **Pedersen, M. R. V.** (2020). *Long-term ultrasound follow-up in patients with small gallbladder polyps*. *Danish Medical Journal*, 67(10).

Rainford, L. A., Zanardo, M., Buissink, C., Decoster, R., Hennessy, W., Knapp, K., Kraus, B., Lanca, L., Lewis, S., Mahlaola, T. B., McEntee, M., O'Leary, D., **Precht, H.**, Starc, T., & McNulty, J. P. (2020). *The impact of COVID-19 upon student radiographers and clinical training*. Radiography (Lond).

**Scheffmann Olloni, S., Villadsen, N., & Mussmann, B.** (2020). *Pediatric MRI Without Anesthesia: The Effect of Application-Supported Communication to Prepare the Child*. Journal of Radiology Nursing.

Søborg Pedersen, K., **Baun, C.**, Michaelsen Nielsen, K., Thisgaard, H., Ingemann Jensen, A., & Zhuravlev, F. (2020). *Design, Synthesis, Computational, and Preclinical Evaluation of (nat)Ti/(45)Ti-Labeled Urea-Based Glutamate PSMA Ligand*. Molecules, 25(5).

Tipsmark, C. K., Nielsen, A. M., Bossus, M. C., Ellis, L. V., **Baun, C.**, Andersen, T. L., . . . Madsen, S. S. (2020). *Drinking and Water Handling in the Medaka Intestine: A Possible Role of Claudin-15 in Paracellular Absorption?* International Journal of Molecular Sciences, 21(5).

Tran, P. H. T., Malmgaard-Clausen, N. M., Puggaard, R. S., Svensson, R. B., **Nybing, J. D.**, Hansen, P., Scherling, P., Zinglensen, A. H., Couppé, C., Boessen, M., Magnusson, S. P. & Kjaer, M. 2020. *Early development of tendinopathy in humans: Sequence of pathological changes in structure and tissue turnover signaling*. Faseb j, 34, 776-788.

Troelsen, A., Ingelsrud, L. H., Thomsen, M. G., **Muharemovic, O.**, Otte, K. S., & Husted, H. (2020). *Are There Differences in Micromotion on Radiostereometric Analysis Between Bicruciate and Cruciate-retaining Designs in TKA? A Randomized Controlled Trial*. Clinical Orthopaedics and Related Research, 478(9), 2045-2053.