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## JOURNAL PAPERS

### **Baseline objective inflammation by magnetic resonance imaging as a predictor of therapeutic benefit in early rheumatoid arthritis with poor prognosis**

Ahmad, H. A., Baker, J. F., Østergaard, M., Emery, P., Durez, P., Ye, J., Banerjee, S. & Conaghan, P. G., 2020, *Arthritis Care & Research*. 72, 7, p. 959-964.

### **Responsiveness of different dynamic contrast-enhanced magnetic resonance imaging approaches: a post-hoc analysis of a randomized controlled trial of certolizumab pegol in rheumatoid arthritis**

Axelsen, M. B., Boesen, M., Bliddal, H., Jacobsson, L., Hansen, M. S. & Østergaard, M., 2020, *Scandinavian Journal of Rheumatology*. 49, 2, p. 105-111.

### **Imaging in the diagnosis and management of peripheral psoriatic arthritis**

Aydin, S. Z., Mathew, A. J., Koppikar, S., Eder, L. & Østergaard, M., 2020, *Best Practice and Research in Clinical Rheumatology*. 34, 6, 101594

### **Comparison of the effects of secukinumab and adalimumab biosimilar on radiographic progression in patients with ankylosing spondylitis: design of a randomized, phase IIIb study (SURPASS)**

Baraliakos, X., Østergaard, M., Gensler, L.S., Poddubnyy, D., Lee, E.Y., Kiltz, U., Martin, R., Sawata, H., Readie, A., Porter, B, SURPASS Study Group, 2020, *Clinical Drug Investigation*. 40, 3, p. 269-278.

### **Patient-initiated follow-up (PIFU) as reorganized support for increased patient involvement - focus group discussions among patients' with inflammatory arthritis**

Bech, B., Lykkegaard, J. J., Lundbak, T., Schrøder, H. M., Birkeland, L. M., Schlyter, M. L., Hansen, L. H., Dalsgaard, L. & Esbensen, B. A., 2020, *BMC Rheumatology*. 4, 44.

### **Adrenal insufficiency in prednisolone-treated patients with polymyalgia rheumatica or giant cell arteritis-prevalence and clinical approach**

Borresen, S. W., Thorgrimsen, T. B., Jensen, B., Hilsted, L., Bartels, E. M., Feldt-Rasmussen, U. & Loch, H., 2020, *Rheumatology (Oxford, England)*. 59, 10, p. 2764-2773

### **Retention and response rates in 14261 PsA patients starting TNF inhibitor treatment – results from 12 countries in EuroSpA**

Brahe, C. H., Ørnbjerg, L. M., Jacobsson, L., Nissen, M. J., Kristianslund, E. K., Mann, H., Santos, M. J., Reino, J. G., Nordström, D., Rotar, Z., Gudbjornsson, B., Onen, F., Codreanu, C., Lindström, U., Möller, B., Kvien, T. K., Pavelka, K., Barcelos, A., Sánchez-Piedra, C., Eklund, K. K., Tomšič, M., Love, T. J., Can, G., Ionescu, R., Loft, A. G., van der Horst-Bruinsma, I. E., Macfarlane, G. J., Iannone, F., Hyldstrup, L. H., Krogh, N. S., Østergaard, M. & Hetland, M. L., 2020, *Rheumatology (Oxford, England)*. 59, 7, p. 1640-1650.

### **Evolving the comprehensive management of rheumatoid arthritis: identification of unmet needs and development of practical and educational tools**

Burmester, G-R., Álvaro-Gracia, J. M., Betteridge, N., Calvo Alén, J., Combe, B., Durez, P., Fautrel, B., Ferreira, R. J. O., Gabay, C., Iagnocco, A., Montecucco, C., Østergaard, M., Ramiro, S., Rubbert-Roth, A., Stamm, T., Szekanecz, Z., Taylor, P. C. & van de Laar, M., 2020, *Clinical and Experimental Rheumatology*. 38, 6, p. 1056-1067.

### **Future use of musculoskeletal ultrasonography and magnetic resonance imaging in rheumatoid arthritis**

Carstensen, S. M. D., Terslev, L., Jensen, M. P. & Østergaard, M., 2020, *Current Opinion in Rheumatology*. 32, 3, p. 264-272.

**How do we use biologics in rheumatoid arthritis patients with a history of malignancy? An assessment of treatment patterns using Scandinavian registers**

Chatzidionysiou, K., Delcoigne, B., Frisell, T., Hetland, M. L., Grintborg, B., Dreyer, L., Cordtz, R., Zobbe, K., Nordström, D., Trokovic, N., Aaltonen, K., Provan, S. A., Grondal, G., Gudbjornsson, B. & Askling, J., 2020, RMD Open. 6, 2, p. e001363.

**Assessing the sensitivity to change of the OMERACT ultrasound structural gout lesions during urate-lowering therapy**

Christiansen, S. N., Østergaard, M., Slot, O., Keen, H., Bruyn, G. A. W., D'Agostino, M. A. & Terslev, L., 2020, RMD Open. 6, 1, p. e001144.

**Dual-energy CT in gout patients: Do all colour-coded lesions actually represent monosodium urate crystals?**

Christiansen, S. N., Müller, C. F., Østergaard, M., Slot, O., Møller, J. M., Børgesen, H. F., Gosvig, K. K. & Terslev, L., 2020, Arthritis Research & Therapy. 22, 1, p. 212-222

**Gradual reduction of tophaceous deposits during urate-lowering therapy**

Christiansen, S. N., Terslev, L., Østergaard, M. & Slot, O., 2020, Joint bone spine.

**Reversibel toføs polyartikulær arthritis urica**

Christiansen, S. N. & Slot, O., 2020, Ugeskrift for Laeger. 182, 33, p. V71015.

**Vascular ultrasound for the diagnosis of giant cell arteritis: a reliability and agreement study based on a standardised training programme**

Chrysidis, S., Terslev, L., Christensen, R., Fredberg, U., Larsen, K., Lorenzen, T., Døhn, U. M. & Diamantopoulos, A. P., 2020, RMD Open. 6, 3, p. e001337.

**Ultrasound imaging in patients with hip pain and suspected hip osteoarthritis: an inter-rater and intra-rater reliability study**

Clausen, S., Kjær, S., Fredberg, U., Terslev, L., Hartvigsen, J. & Arnbak, B., 2020, BMJ Open. 10, 11, p. e038643.

**Ixekizumab for patients with non-radiographic axial spondyloarthritis (COAST-X): a randomised, placebo-controlled trial**

Deodhar, A., van der Heijde, D., Gensler, L.S., Kim, T-H., Maksymowych, W.P., Østergaard, M., Poddubnyy, D., Marzo-Ortega, H., Bessette, L., Tomita, T., Leung, A., Hojnik, M., Gallo, G., Li, X., Adams, D., Charlier, H., Sieper, J., 2020, Lancet. 395, 10217, p. 53-64.

**Prevention and adherence in rheumatic and musculoskeletal disease**

Esbensen, B. A., Kennedy, N. & Brodin, N., 2020, Best Practice and Research in Clinical Rheumatology. 34, 2, 101525

**Correlations of fatigue in Danish patients with rheumatoid arthritis, psoriatic arthritis and spondyloarthritis**

Esbensen, B. A., Stallknecht, S. E., Madsen, M. E., Hagelund, L. & Pilgaard, T., 2020, PLoS One. 15, 8, p. e0237117.

**Folinic acid alleviates side effects of methotrexate in arthritis patients with side effects despite folic acid supplementation: an observational cohort study**

Fischer, E. A., Hetland, M. L. & Krabbe, S., 2020, Rheumatology (Oxford, England). 59, 11, p. 3566-3568.

**Association between MRI findings and patient-reported outcomes in patients with rheumatoid arthritis in clinical remission and at relapse**

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, *International Journal of Rheumatic Diseases*. 23, 4, p. 488-498.

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**Programmed death ligand 2 - a link between inflammation and bone loss in rheumatoid arthritis**

Greisen, S. R., Kragstrup, T. W., Thomsen, J. S., Hansen, A. S., Krishnamurthy, A., Hørslev-Petersen, K., Hetland, M. L., Stengaard-Pedersen, K., Østergaard, M., Ørnbjerg, L. M., Junker, P., Sharpe, A. H., Freeman, G. J., Annamalai, L., Hvid, M., Moestrup, S. K., Hauge, E-M., Catrina, A. I. & Deleuran, B., 2020, *Journal of translational autoimmunity*. 3, p. 100028-100038.

**Overall infection risk in rheumatoid arthritis during treatment with abatacept, rituximab and tocilizumab; an observational cohort study**

Grøn, K. L., Glinborg, B., Nørgaard, M., Mehnert, F., Østergaard, M., Dreyer, L., Krogh, N. S. & Hetland, M. L., 2020, *Rheumatology (Oxford, England)*. 59, 8, p. 1949-1956.

**Ultrasound shows rapid reduction of crystal depositions during a treat-to-target approach in gout patients: 12-month results from the NOR-Gout study**

Hammer, H. B., Karoliussen, L., Terslev, L., Haavardsholm, E. A., Kvien, T. K. & Uhlig, T., 2020, *Annals of the Rheumatic Diseases*. 79, 11, p. 1500-1505

**Impact of season on the association between vitamin D levels at diagnosis and one-year remission in early rheumatoid arthritis**

Herly, M., Stengaard-Pedersen, K., Vestergaard, P., Christensen, R., Möller, S., Østergaard, M., Junker, P., Hetland, M. L., Hørslev-Petersen, K. & Ellingsen, T., 2020, *Scientific Reports*. 10, 1, p. 7371

**Active conventional treatment and three different biological treatments in early rheumatoid arthritis: phase IV investigator initiated, randomised, observer blinded clinical trial**

Hetland, M. L., Haavardsholm, E. A., Rudin, A., Nordström, D., Nurmohamed, M., Gudbjornsson, B., Lampa, J., Hørslev-Petersen, K., Uhlig, T., Grondal, G., Østergaard, M., Heiberg, M. S., Twisk, J., Lend, K., Krabbe, S., Hyldestrup, L. H., Lindqvist, J., Hultgård Ekwall, A-K., Grøn, K. L., Kapetanovic, M., Faustini, F., Tuompo, R., Lorenzen, T., Cagnotto, G., Baecklund, E., Hendricks, O., Vedder, D., Sokka-Isler, T., Husmark, T., Ljoså, M-K. A., Brodin, E., Ellingsen, T., Söderbergh, A., Rizk, M., Olsson, Å. R., Larsson, P., Uhrenholt, L., Just, S. A., Stevens, D. J., Laurberg, T. B., Bakland, G., Olsen, I. C., van Vollenhoven, R. & NORD-STAR study group, 2020, *BMJ*. 371, p. m4328

**Risk of neuroinflammatory events in arthritis patients treated with tumour necrosis factor alpha inhibitors: a collaborative population-based cohort study from Denmark and Sweden**

Kopp, T. I., Delcoigne, B., Arkema, E. V., Jacobsen, R. K., Magyari, M., Ibfelt, E. H., Loch, H., Sellebjerg, F., Cordtz, R. L., Jensen, D. V., Askling, J. & Dreyer, L., 2020, *Annals of the Rheumatic Diseases*. 79, 5, p. 566-572.

**High versus standard magnetic resonance image resolution of the cervical spine in patients with axial spondyloarthritis**

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**Novel whole-body magnetic resonance imaging response and remission criteria document diminished inflammation during golimumab treatment in axial spondyloarthritis**

Krabbe, S., Eshed, I., Sørensen, I. J., Møller, J., Jensen, B., Madsen, O. R., Klarlund, M., Pedersen, S. J. & Østergaard, M., 2020, *Rheumatology (Oxford, England)*. 59, 11, p. 3358-3368.

**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**

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, *Scandinavian Journal of Rheumatology*. 49, 3, p. 200-209

**Whole-body magnetic resonance imaging inflammation in peripheral joints and entheses in axial spondyloarthritis: distribution and changes during adalimumab treatment**

Krabbe, S., Eshed, I., Sørensen, I. J., Jensen, B., Møller, J. M., Balding, L., Madsen, O. R., Pedersen, S. J. & Østergaard, M., 2020, *Journal of Rheumatology*. 47, 1, p. 50-58

**Pain and self-reported swollen joints are main drivers of patient-reported flares in rheumatoid arthritis: results from a 12-month observational study**

Kuettel, D., Primdahl, J., Weber, U., Terslev, L., Østergaard, M., Petersen, R., Pedersen, A. K., Möller, S. & Hørslev-Petersen, K., 2020, *Journal of Rheumatology*. 47, 9, p. 1305-1313

**Serial magnetic resonance imaging and ultrasound examinations demonstrate differential inflammatory lesion patterns in soft tissue and bone upon patient-reported flares in rheumatoid arthritis**

Kuettel, D., Glinatsi, D., Østergaard, M., Terslev, L., Primdahl, J., Möller, S., Pedersen, A., Petersen, R., Weber, U. & Hørslev-Petersen, K., 2020, *Arthritis Research & Therapy*. 22, 1, p. 19-31

**Considerations for improving quality of care of patients with rheumatoid arthritis and associated comorbidities**

Kvien, T. K., Balsa, A., Betteridge, N., Buch, M. H., Durez, P., Favalli, E. G., Favier, G., Gabay, C., Geenen, R., Gouni-Berthold, I., van den Hoogen, F., Kent, A., Klareskog, L., Østergaard, M., Pavelka, K., Polido Pereira, J., Semb, A. G., Sköld, M. & Dougados, M., 2020, *RMD Open*. 6, 2, p. e001211

**Cognitive behavioural therapy for insomnia in patients with rheumatoid arthritis: protocol for the randomised, single-blinded, parallel-group Sleep-RA trial**

Latocha, K. M., Løppenthin, K. B., Østergaard, M., Jennum, P. J., Christensen, R., Hetland, M., Røgind, H., Lundbak, T., Midtgaard, J. & Esbensen, B. A., 2020, *Trials*. 21, 1, p. 440

**Clinical trial discrimination of physical function instruments for psoriatic arthritis: a systematic review**

Leung, Y-Y., Holland, R., Mathew, A. J., Lindsay, C., Goel, N., Ogdie, A., Orbai, A-M., Hojgaard, P., Chau, J., Coates, L. C., Strand, V., Gladman, D. D., Christensen, R., Tillett, W. & Mease, P., okt. 2020, *Seminars in Arthritis and Rheumatism*. 50, 5, p. 1158-1181

**Central reader evaluation of MRI scans of the sacroiliac joints from the ASAS classification cohort: discrepancies with local readers and impact on the performance of the ASAS criteria**

Maksymowych, W. P., Pedersen, S. J., Weber, U., Baraliakos, X., Machado, P. M., Eshed, I., de Hooge, M., Sieper, J., Wichuk, S., Rudwaleit, M., van der Heijde, D., Landewé, R. B. M., Poddubnyy, D., Østergaard, M. & Lambert, R. G. W., 2020, *Annals of the Rheumatic Diseases*. 79, 7, p. 935-942

**Outcomes and findings of the international rheumatoid arthritis (RA) BIODAM cohort for validation of soluble biomarkers in RA: cohort description**

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**NFKB2 polymorphisms associate with the risk of developing rheumatoid arthritis and response to TNF inhibitors: results from the REPAIR consortium**

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**Magnetic resonance imaging of enthesitis in spondyloarthritis, including psoriatic arthritis-status and recent advances**

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**Atlas of the OMERACT Heel Enthesitis MRI Scoring System (HEMRIS)**

Mathew, A. J., Krabbe, S., Eshed, I., Lambert, R. G., Laredo, J-D., Maksymowych, W. P., Gandjbakhch, F., Emad, Y., Stoenoiu, M. S., Foltz, V., Bird, P., Carron, P., Paschke, J., Conaghan, P. G., Pedersen, S. J., Glinatsi, D. & Østergaard, M., 2020, *RMD Open*. 6, 1, p. e001150

**Evaluation of three scoring methods for fluorescence optical imaging in erosive hand osteoarthritis and rheumatoid arthritis**

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**Sex differences in the achievement of remission and low disease activity in rheumatoid arthritis**

Maynard, C., Mikuls, T. R., Cannon, G. W., England, B. R., Conaghan, P. G., Østergaard, M., Baker, D. G., Kerr, G., George, M. D., Barton, J. L. & Baker, J. F., 2020, *Arthritis Care & Research*. 72, 3, p. 326-333

**Drug retention, inactive disease and response rates in 1860 patients with axial spondyloarthritis initiating secukinumab treatment: routine care data from 13 registries in the EuroSpA collaboration**

Michelsen, B., Lindström, U., Codreanu, C., Ciurea, A., Zavada, J., Loft, A. G., Pombo-Suarez, M., Onen, F., Kvien, T. K., Rotar, Z., Santos, M. J., Iannone, F., Hokkanen, A-M., Gudbjornsson, B., Askling, J., Ionescu, R., Nissen, M. J., Pavelka, K., Sanchez-Piedra, C., Akar, S., Sexton, J., Tomsic, M., Santos, H., Sebastiani, M., Österlund, J., Geirsson, A. J., Macfarlane, G., van der Horst-Bruinsma, I., Georgiadis, S., Brahe, C. H., Ørnbjerg, L. M., Hetland, M. L. & Østergaard, M., 2020, *RMD Open*. 6, 3, p. e001280

**Impact of discordance between patient's and evaluator's global assessment on treatment outcomes in 14 868 patients with spondyloarthritis**

Michelsen, B., Ørnbjerg, L. M., Kvien, T. K., Pavelka, K., Nissen, M. J., Nordström, D., Santos, M. J., Koca, S. S., Askling, J., Rotar, Z., Gudbjornsson, B., Codreanu, C., Loft, A. G., Kristianslund, E. K., Mann, H. F., Ciurea, A., Eklund, K. K., Vieira-Sousa, E., Yazici, A., Jacobsson, L., Tomšič, M., Löve, T. J., Ionescu, R., van der Horst-Bruinsma, I. E., Iannone, F., Pombo-Suarez, M., Jones, G. T., Hyldstrup, L. H., Krogh, N. S., Hetland, M. L. & Østergaard, M., 2020, *Rheumatology (Oxford, England)*. 59, 9, p. 2455-2461

**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**

Møller, J. M., Østergaard, M., Thomsen, H. S., Hangaard, S., Sørensen, I. J., Madsen, O. R. & Pedersen, S. J., 2020, *BJR Open*. 2, 1, p. 20200004

**Test-retest repeatability of the apparent diffusion coefficient in sacroiliac joint MRI in patients with axial spondyloarthritis and healthy individuals**

Møller, J. M., Østergaard, M., Thomsen, H. S., Sørensen, I. J., Madsen, O. R. & Pedersen, S. J., 2020, *Acta Radiologica Open*. 9, 3, p. 1-11

**Validation of assessment methods for the apparent diffusion coefficient in a clinical trial of axial spondyloarthritis patients treated with golimumab**

Møller, J. M., Østergaard, M., Thomsen, H. S., Krabbe, S., Sørensen, I. J., Jensen, B., Madsen, O. R., Klarlund, M. & Pedersen, S. J., 2020, *European journal of radiology open*. 7, p. 100285

**Rheumatoid arthritis and risk of spontaneous abortion: a Danish nationwide cohort study**

Nathan, N. O., Mørch, L. S., Wu, C. S., Olsen, J., Hetland, M. L., Li, J. & Rom, A. L., 1 aug. 2020, *Rheumatology (Oxford, England)*. 59, 8, p. 1984-1991

**Whole-body magnetic resonance imaging assessment of joint inflammation in rheumatoid arthritis – agreement with ultrasonography and clinical evaluation**

Ng, S. N., Axelsen, M. B., Østergaard, M., Pedersen, S. J., Eshed, I., Hetland, M. L., Møller, J. M. & Terslev, L., 2020, *Frontiers in Medicine*. 7, 285.

**Validation and assessment of minimally clinically important difference of the unadjusted Health Assessment Questionnaire in a Danish cohort: uncovering ordinal bias**

Ørnbjerg, L. M., Christensen, K. B., Tennant, A. & Hetland, M. L., 2020, *Scandinavian Journal of Rheumatology*. 49, 1, p. 1-7.

**Patients' views on routine collection of patient-reported outcomes in rheumatology outpatient care: a multicenter focus group study**

Primdahl, J., Jensen, D. V., Meincke, R. H., Jensen, K. V., Ziegler, C., Nielsen, S. W., Dalsgaard, L., Kildemand, M., Hetland, M. L. & Esbensen, B. A., 2020, *Arthritis Care & Research*. 72, 9, p. 1331-1338.

**Is treat-to-target really working in rheumatoid arthritis? a longitudinal analysis of a cohort of patients treated in daily practice (RA BIODAM)**

Ramiro, S., Landewé, R. B., van der Heijde, D., Sepriano, A., FitzGerald, O., Østergaard, M., Homik, J., Elkayam, O., Thorne, J. C., Larche, M., Ferraccioli, G., Backhaus, M., Boire, G., Combe, B., Schaeffer, T., Saraux, A., Dougados, M., Rossini, M., Govoni, M., Sinigaglia, L., Cantagrel, A. G., Allaart, C. F., Barnabe, C., Bingham, C. O., Tak, P. P., van Schaardenburg, D., Hammer, H. B., Dadashova, R., Hutchings, E. & Paschke, J., 2020, *Annals of the Rheumatic Diseases*. 79, 4, p. 453-459.

**Axial involvement in patients with early peripheral spondyloarthritis: a prospective MRI study of sacroiliac joints and spine**

Renson, T., Carron, P., De Craemer, A-S., Deroo, L., de Hooge, M., Krabbe, S., Jans, L., Chen, M., Østergaard, M., Van den Bosch, F. E. & Elewaut, D., 2020, *Annals of the Rheumatic Diseases*. 80, 1, p. 103-108.

**How do people with rheumatoid arthritis experience participation in a smoking cessation trial: a qualitative study**

Roelsgaard, I. K., Thomsen, T., Østergaard, M., Semb, A. G., Andersen, L. & Esbensen, B. A., 2020, *International Journal of Qualitative Studies on Health and Well-being*. 15, 1, 1725997.

**Intake of dietary fibre, red and processed meat and risk of late-onset Chronic Inflammatory Diseases: A prospective Danish study on the "diet, cancer and health" cohort**

Rubin, K. H., Rasmussen, N. F., Petersen, I., Kopp, T. I., Stenager, E., Magyari, M., Hetland, M. L., Bygum, A., Glintborg, B. & Andersen, V., 2020, *International journal of medical sciences*. 17, 16, p. 2487-2495.

**Distinct microRNA expression profiles in saliva and salivary gland tissue differentiate patients with primary Sjögren's syndrome from non-Sjögren's sicca patients**

Sembler-Møller, M. L., Belstrøm, D., Loch, H. & Pedersen, A. M. L., 2020, *Journal of oral pathology & medicine: official publication of the International Association of Oral Pathologists and the American Academy of Oral Pathology*. 49, 10, p. 1044-1052.

**Proteomics of saliva, plasma, and salivary gland tissue in Sjögren's syndrome and non-Sjögren patients identify novel biomarker candidates**

Sembler-Møller, M. L., Belstrøm, D., Loch, H. & Pedersen, A. M. L., 2020, *Journal of Proteomics*. 225, p. 103877.

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