

## RHEUMATOLOGY PEER REVIEWED PUBLICATIONS 2020

1. Acar-Denizli, N., I.F. Horváth, T. Mandl, R. Priori, A. Vissink, G. Hernandez-Molina, B. Armagan, S. Praprotnik, A. Sebastian, E. Bartoloni, **M. Rischmueller**, S.G. Pasoto, G. Nordmark, H. Nakamura, V. Fernandes Moça Trevisani, S. Retamozo, S.E. Carsons, B. Maure-Noia, I. Sánchez-Berná, M. López-Dupla, E. Fonseca-Aizpuru, S. Melchor Díaz, M. Vázquez, P.E. Díaz Cuiza, B. de Miguel Campo, W.F. Ng, A. Rasmussen, X. Dong, X. Li, C. Baldini, R. Seror, J.E. Gottenberg, A.A. Kruize, P. Sandhya, S. Gandolfo, S.K. Kwok, M. Kvarnstrom, R. Solans, D. Sene, Y. Suzuki, D.A. Isenberg, V. Valim, B. Hofauer, R. Giacomelli, V. Devauchelle-Pensec, F. Atzeni, T.A. Gheita, J. Morel, R. Izzo, U. Kalyoncu, A. Szántó, P. Olsson, H. Bootsma, M. Ramos-Casals, B. Kostov and P. Brito-Zerón, *Systemic phenotype related to primary Sjögren's syndrome in 279 patients carrying isolated anti-La/SSB antibodies*. Clin Exp Rheumatol, 2020. **38 Suppl 126**(4): p. 85-94.
2. Arnold, J.B., J. Halstead, A.J. Grainger, A.M. Keenan, **C.L. Hill** and A.C. Redmond, *Foot and leg muscle weakness in people with midfoot osteoarthritis*. Arthritis Care Res (Hoboken), 2020.
3. Beleigoli, A.M., S.L. Appleton, T.K. Gill, **C.L. Hill** and R.J. Adams, *Association of metabolic phenotypes, grip strength and diabetes risk: The 15-year follow-up of The North West Adelaide Health Study, Australia*. Obes Res Clin Pract, 2020. **14**(6): p. 536-541.
4. Brito-Zerón, P., N. Acar-Denizli, W.F. Ng, I.F. Horváth, A. Rasmussen, R. Seror, X. Li, C. Baldini, J.E. Gottenberg, D. Danda, L. Quartuccio, R. Priori, G. Hernandez-Molina, B. Armagan, A.A. Kruize, S.K. Kwok, M. Kvarnstrom, S. Praprotnik, D. Sene, R. Gerli, R. Solans, **M. Rischmueller**, T. Mandl, Y. Suzuki, D. Isenberg, V. Valim, P. Wiland, G. Nordmark, G. Fraile, H. Bootsma, H. Nakamura, R. Giacomelli, V. Devauchelle-Pensec, B. Hofauer, M. Bombardieri, V.F.M. Trevisani, D. Hammenfors, S.G. Pasoto, S. Retamozo, T.A. Gheita, F. Atzeni, J. Morel, C. Vollenweider, M. Zeher, K. Sivils, B. Xu, S. Bombardieri, P. Sandhya, S. De Vita, A. Minniti, J. Sánchez-Guerrero, L. Kilic, E. van der Heijden, S.H. Park, M. Wahren-Herlenius, X. Mariette and M. Ramos-Casals, *Epidemiological profile and north-south gradient driving baseline systemic involvement of primary Sjögren's syndrome*. Rheumatology (Oxford), 2020. **59**(9): p. 2350-2359.
5. Brown, Z., R. Metcalf, J. Bednarz, L. Spargo, A. Lee, **C. Hill**, M. Wechalekar, C. Stavrou, M. James, L. Cleland and S. Proudman, *Modifiable Lifestyle Factors Associated With Response to Treatment in Early Rheumatoid Arthritis*. ACR Open Rheumatol, 2020. **2**(6): p. 371-377.
6. Buchbinder, R., A. Bourne, J. Latimer, I. Harris, **S.L. Whittle**, B. Richards, W.J. Taylor, O. Clavisi, S. Green, R.S. Hinman, L. March, R. Day, M.L. Ferreira, L. Billot and C.G. Maher, *Early development of the Australia and New Zealand Musculoskeletal Clinical Trials Network*. Intern Med J, 2020. **50**(1): p. 17-23.
7. Buchbinder, R., S. Ramiro, H. Huang, J.J. Gagnier, Y. Jia and **S.L. Whittle**, *Measures of Adult Shoulder Function*. Arthritis Care Res (Hoboken), 2020. **72 Suppl 10**: p. 250-293.
8. Cai, G., D. Aitken, L.L. Laslett, J.P. Pelletier, J. Martel-Pelletier, **C. Hill**, L. March, A.E. Wluka, Y. Wang, B. Antony, L. Blizzard, T. Winzenberg, F. Cicuttini and G. Jones, *Effect of Intravenous Zoledronic Acid on Tibiofemoral Cartilage Volume Among Patients With Knee Osteoarthritis With Bone Marrow Lesions: A Randomized Clinical Trial*. JAMA, 2020. **323**(15): p. 1456-1466.
9. Cheah, J.T.L., J.C. Robson, **R.J. Black**, S.M. Goodman, **S. Lester**, S.L. Mackie and **C.L. Hill**, *The patient's perspective of the adverse effects of glucocorticoid use: A systematic review of quantitative and qualitative studies. From an OMERACT working group*. Semin Arthritis Rheum, 2020. **50**(5): p. 996-1005.
10. **Davis, C.R., C.D. Ruediger, K.A. Dyer, S. Lester, S.W. Graf, F.P.B. Kroon, S.L. Whittle and C.L. Hill**, *Colchicine is not effective for reducing osteoarthritic hand pain compared to placebo: a randomised, placebo-controlled trial (COLAH)*. Osteoarthritis Cartilage, 2021. **29**(2): p. 208-214.
11. Fletcher, A., M. Lassere, L. March, **C. Hill**, G. Carroll, C. Barrett and R. Buchbinder, *Oral Complementary Medicine Use among People with Inflammatory Arthritis: An Australian Rheumatology Association Database Analysis*. International Journal of Rheumatology, 2020. **2020**: p. 6542965.
12. Gill, T.K., E.M. Shanahan, G.R. Tucker, R. Buchbinder and **C.L. Hill**, *Shoulder range of movement in the general population: age and gender stratified normative data using a community-based cohort*. BMC Musculoskeletal Disorders, 2020. **21**(1): p. 676.

13. Hazlewood, G.S., **S.L. Whittle**, M.M. Kamso, E.A. Akl, G.A. Wells, P. Tugwell, M. Thomas, C. Lee, M. Ejaredar, D. Choudhary and et al., *Disease-modifying anti-rheumatic drugs for rheumatoid arthritis: a systematic review and network meta-analysis*. Cochrane Database of Systematic Reviews, 2020(3).
14. Keen, H.I., P.C. Robinson, N. Dalbeth and **C. Hill**, *Time to recognise gout as a chronic disease*. Med J Aust, 2020. **212**(6): p. 285-285 e1.
15. Khadra, Y., J.G. Walker, P. Hakendorf, S. Proudman, **M. Rischmueller**, **C.L. Hill**, **S. Whittle**, E. Pontifex and P.J. Roberts-Thomson, *Scleroderma renal crisis: observations from the South Australian Scleroderma Register*. Intern Med J, 2021. **51**(2): p. 235-242.
16. Leonardo, N., **S. Lester**, M. Graham, C. Barrett, **S. Whittle**, D. Rowett, R. Buchbinder and **C.L. Hill**, *Selection and perception of methotrexate treatment information in people with rheumatoid arthritis*. Int J Rheum Dis, 2020. **23**(6): p. 805-812.
17. Leonardo, N., **S. Lester**, **S. Whittle** and **M. Rischmueller**, *Review of gout clinic in a tertiary hospital setting*. Intern Med J, 2020. **50**(1): p. 117-120.
18. Lowe, J.R., A.M. Briggs, **S. Whittle** and M.D. Stephenson, *A systematic review of the effects of probiotic administration in inflammatory arthritis*. Complement Ther Clin Pract, 2020. **40**: p. 101207.
19. Lyne, S.A., S. Downie-Doyle, **S.E. Lester**, A. Quinlivan, P. Toby Coates, T.P. Gordon and **M. Rischmueller**, *Primary Sjögren's syndrome in South Australia*. Clin Exp Rheumatol, 2020. **38 Suppl 126**(4): p. 57-63.
20. Mirza, S.Z., J.T.L. Cheah, N. Ghosh, J.C. Robson, **C.L. Hill**, J. Singh, S.L. Mackie, I. Navarro-Millán, L.S. Simon and S.M. Goodman, *The Patients' Perspective of Important Glucocorticoid Effects: A Nominal Group Study Among Patients With Systemic Lupus Erythematosus and Myositis*. J Clin Rheumatol, 2020.
21. Morrisroe, K., W. Stevens, J. Sahhar, G.S. Ngian, N. Ferdowsi, D. Hansen, S. Patel, **C.L. Hill**, J. Roddy, J. Walker, S. Proudman and M. Nikpour, *The clinical and economic burden of systemic sclerosis related interstitial lung disease*. Rheumatology (Oxford), 2020. **59**(8): p. 1878-1888.
22. Ng, J., C.B. Little, S. Woods, **S. Whittle**, F.Y. Lee, S. Gronthos, S. Mukherjee, D.J. Hunter and D.L. Worthley, *Stem cell-directed therapies for osteoarthritis: The promise and the practice*. Stem Cells, 2020. **38**(4): p. 477-486.
23. Pathmanathan, K., P.C. Robinson, **C.L. Hill** and H.I. Keen, *The prevalence of gout and hyperuricaemia in Australia: An updated systematic review*. Semin Arthritis Rheum, 2021. **51**(1): p. 121-128.
24. Pisaniello, H.L. and W.G. Dixon, *What does digitalization hold for the creation of real-world evidence?* Rheumatology (Oxford), 2020. **59**(1): p. 39-45.
25. Poh, W.P., A. Kicic, **S.E. Lester**, P.T. Nguyen, L.O. Bakalatz, P.N. Reynolds, S. Hodge and E. Roscioli, *COPD-Related Modification to the Airway Epithelium Permits Intracellular Residence of Nontypeable Haemophilus influenzae and May Be Potentiated by Macrolide Arrest of Autophagy*. Int J Chron Obstruct Pulmon Dis, 2020. **15**: p. 1253-1260.
26. Putman, M.S., P. Sufka, **S. Whittle** and P.C. Robinson, *European consensus statements for interstitial lung disease in systemic sclerosis*. The Lancet Rheumatology, 2020. **2**(6): p. e317-e318.
27. Ramezanpour, M., H. Hu, A. Lau, S. Liu, A. De Silva, H. Bolt, K. Patterson, **M. Rischmueller**, A.J. Psaltis, P.J. Wormald, **S. Lester** and **S. Vreugde**, *Increased Serum IgG4 Associates with Asthma and Tissue Eosinophilia in Chronic Rhinosinusitis Patients*. Pathogens, 2020. **9**(10).
28. Reed, J.H., G.M. Verstappen, **M. Rischmueller** and V.L. Bryant, *When B cells break bad: development of pathogenic B cells in Sjögren's syndrome*. Clin Exp Rheumatol, 2020. **38 Suppl 126**(4): p. 271-282.
29. Reid, A.B., M. Wiese, L. McWilliams, R. Metcalf, C. Hall, A. Lee, **C. Hill**, M. Wechalekar, L. Cleland and S.M. Proudman, *Repeat serological testing for anti-citrullinated peptide antibody after commencement of therapy is not helpful in patients with seronegative rheumatoid arthritis*. Intern Med J, 2020. **50**(7): p. 818-822.
30. Reynolds, A.C., N.S. Marshall, **C.L. Hill** and R.J. Adams, *Systematic review of the efficacy of commonly prescribed pharmacological treatments for primary treatment of sleep disturbance in patients with diagnosed autoimmune disease*. Sleep Med Rev, 2020. **49**: p. 101232.
31. Røe, Y., R. Buchbinder, M. Grotle, **S. Whittle**, S. Ramiro, H. Huang, J. Gagnier, A. Verhagen and S. Østensjø, *What Do the OMERACT Shoulder Core Set Candidate Instruments Measure? An Analysis Using the Refined*

- International Classification of Functioning, Disability, and Health Linking Rules.* J Rheumatol, 2020. **47**(10): p. 1557-1564.
32. Rubbert-Roth, A., J. Enejosa, A.L. Pangan, B. Haraoui, **M. Rischmueller**, N. Khan, Y. Zhang, N. Martin and R.M. Xavier, *Trial of Upadacitinib or Abatacept in Rheumatoid Arthritis.* N Engl J Med, 2020. **383**(16): p. 1511-1521.
33. Ruediger, C., L. Nguyen, **R. Black**, S. Proudman and **C. Hill**, *Efficacy of methotrexate in polymyalgia rheumatica in routine rheumatology clinical care.* Intern Med J, 2020. **50**(9): p. 1067-1072.
34. Ryan, J., **J. Tieu**, B. Bose, R. Francis, M. Gingold, L. Goh, J. Gray, **C.L. Hill**, P. Hissaria, S. Jahan, D. Langguth, J. Li, A. McLean-Tooke, C.A. Peh, M. Rahman, T. Sammel, L.K. Stamp, M. Street, S. Swaminathan, N.L. Wong and R. Kitching, *Formation of the Australia and New Zealand Vasculitis Society to improve the care of patients with Vasculitis in Australian and New Zealand.* Intern Med J, 2020. **50**(7): p. 781-783.
35. Safiri, S., A.A. Kolahi, E. Smith, **C. Hill**, D. Bettampadi, M.A. Mansournia, D. Hoy, A. Ashrafi-Asgarabad, M. Sepidarkish, A. Almasi-Hashiani, G. Collins, J. Kaufman, M. Qorbani, M. Moradi-Lakeh, A.D. Woolf, F. Guillemin, L. March and M. Cross, *Global, regional and national burden of osteoarthritis 1990-2017: a systematic analysis of the Global Burden of Disease Study 2017.* Ann Rheum Dis, 2020. **79**(6): p. 819-828.
36. Schwetlik, S.N., K.L. Baldock, **C.L. Hill** and K. Ferrar, *Chronic stress and arthritis: a scoping review.* Arthritis Care Res (Hoboken), 2020.
37. Shanahan, E.M., K. Glaezter, T. Gill, **C. Hill**, S. Graf and P. Allcroft, *A case series of suprascapular nerve block (with an historical comparator) for shoulder pain in motor neurone disease.* Palliat Med, 2020. **34**(8): p. 1127-1133.
38. Sharma, C., **S. Whittle**, P.D. Haghghi, F. Burstein and H. Keen, *Sentiment analysis of social media posts on pharmacotherapy: A scoping review.* Pharmacol Res Perspect, 2020. **8**(5): p. e00640.
39. Sharma, C., **S. Whittle**, P.D. Haghghi, F. Burstein and H.I. Keen, *Response to 'Correspondence on 'Mining social media data to investigate patient perceptions regarding DMARD pharmacotherapy for rheumatoid arthritis'' by Reuter et al.* Ann Rheum Dis, 2021.
40. Sharma, C., **S. Whittle**, P.D. Haghghi, F. Burstein, R. Sa'adon and H.I. Keen, *Mining social media data to investigate patient perceptions regarding DMARD pharmacotherapy for rheumatoid arthritis.* Ann Rheum Dis, 2020. **79**(11): p. 1432-1437.
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42. Stanton, T.R., E.L. Karran, D.S. Butler, M.J. Hull, S.N. Schwetlik, F.A. Braithwaite, H.G. Jones, G.L. Moseley, **C.L. Hill**, C. Tomkins-Lane, C. Maher and K. Bennell, *A pain science education and walking program to increase physical activity in people with symptomatic knee osteoarthritis: a feasibility study.* Pain Rep, 2020. **5**(5): p. e830.
43. Szeto, C.C., K. Sugano, J.G. Wang, K. Fujimoto, **S. Whittle**, G.K. Modi, C.H. Chen, J.B. Park, L.S. Tam, K. Vareesangthip, K.K.F. Tsoi and F.K.L. Chan, *Non-steroidal anti-inflammatory drug (NSAID) therapy in patients with hypertension, cardiovascular, renal or gastrointestinal comorbidities: joint APAGE/APLAR/APSDE/APSH/APSN/PoA recommendations.* Gut, 2020. **69**(4): p. 617-629.
44. **Tieu, J.**, R. Smith, N. Basu, P. Brogan, D. D'Cruz, N. Dhaun, O. Flossmann, L. Harper, R.B. Jones, P.C. Lanyon, R.A. Luqmani, S.P. McAdoo, C. Mukhtyar, F.A. Pearce, C.D. Pusey, J.C. Robson, A.D. Salama, L. Smyth, R.A. Watts, L.C. Willcocks and D.R.W. Jayne, *Rituximab for maintenance of remission in ANCA-associated vasculitis: expert consensus guidelines.* Rheumatology (Oxford), 2020. **59**(4): p. e24-e32.
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46. van Vollenhoven, R., T. Takeuchi, A.L. Pangan, A. Friedman, M.F. Mohamed, S. Chen, **M. Rischmueller**, R. Blanco, R.M. Xavier and V. Strand, *Efficacy and Safety of Upadacitinib Monotherapy in Methotrexate-Naive Patients With Moderately-to-Severely Active Rheumatoid Arthritis (SELECT-EARLY): A Multicenter, Multi-Country, Randomized, Double-Blind, Active Comparator-Controlled Trial*. *Arthritis Rheumatol*, 2020. **72**(10): p. 1607-1620.
47. Wiese, M.D., A.M. Hopkins, C. King, M.D. Wechalekar, A. Lee, L. Spargo, R. Metcalf, L. McWilliams, **C. Hill**, L.G. Cleland and S.M. Proudman, *Precision Medicine with Leflunomide: Consideration of DHODH Haplotype and Plasma Teriflunomide Concentration can Substantially Modify Outcomes in Patients with Rheumatoid Arthritis*. *Arthritis Care Res (Hoboken)*, 2020.
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