Bibliography Ulrich Weber

July 01 2023

Ulrich Weber, Medical Centre Practice Buchsbaum, Schaffhausen, Switzerland

Original Research Articles with Peer Review

1. Brunner F, Kunz A, **Weber U**, Kissling R. Ankylosing spondylitis and heart abnormalities: do cardiac conduction disorders, valve regurgitation and diastolic dysfunction occur more often in male patients with diagnosed ankylosing spondylitis for over 15 years than in the normal population? Clin Rheumatol 2005;25:24-29. https://doi.org/10.1007/s10067-005-1117-6.

2. **Weber U**, Pfirrmann CWA, Kissling RO, Hodler J, Zanetti M. Whole body MR imaging in ankylosing spondylitis: a descriptive pilot study in patients with suspected early and active confirmed ankylosing spondylitis. BMC Musculoskelet Disord 2007;8:20. https://doi.org/10.1186/1471-2474-8-20.

3. Brunner F, Lienhardt SB, Kissling RO, Bachmann LM, **Weber U**. Diagnostic criteria and follow-up parameters in complex regional pain syndrome type I – a Delphi Survey. Eur J Pain 2008;12:48-52. https://doi.org/10.1016/j.ejpain.2007.02.003.

4. Brunner F, Bachmann LM, **Weber U**, Kessels AGH, Perez RSGM, Marinus J, Kissling R. Complex regional pain syndrome I - the Swiss cohort study. BMC Musculoskelet Disord 2008;9:92. https://doi.org/10.1186/1471-2474-9-92.

5. Rudwaleit M, van der Heijde D, Landewé R, Listing J, Akkoc N, Brandt J, Braun J, Chou CT, Collantes-Estevez E, Dougados M, Huang F, Gu J, Khan MA, Kirazli Y, Maksymowych WP, Mielants H, Sorensen IJ, Ozgocmen S, Roussou E, Valle-Onate R, **Weber U**, Wei J, Sieper J. The development of Assessment of SpondyloArthritis international Society classification criteria for axial spondyloarthritis (part II): validation and final selection. Ann Rheum Dis 2009;68:777-783. https://doi.org/10.1136/ard.2009.108233.

6. **Weber U**, Maksymowych WP, Jurik AG, Pfirrmann CWA, Rufibach K, Kissling RO, Khan MA, Lambert RGW, Hodler J. Validation of whole-body against conventional magnetic resonance imaging for scoring acute inflammatory lesions in the sacroiliac joints of patients with spondylarthritis. Arthritis Rheum (Arthritis Care Res) 2009;61:893-899. https://doi.org/10.1002/art.24542.

7. **Weber U**, Hodler J, Kubik RA, Rufibach K, Lambert RGW, Kissling RO, Pfirrmann CWA, Maksymowych WP. Sensitivity and specificity of spinal inflammatory lesions assessed by whole-body magnetic resonance imaging in patients with ankylosing spondylitis or recent-onset inflammatory back pain. Arthritis Rheum (Arthritis Care Res) 2009;61:900-908. https://doi.org/10.1002/art.24507.

8. **Weber U**, Hodler J, Jurik AG, Pfirrmann CWA, Rufibach K, Kissling RO, Khan MA, Lambert RGW, Maksymowych WP. Assessment of active spinal inflammatory changes in patients with axial spondyloarthritis: validation of whole body MRI against conventional MRI. Ann Rheum Dis 2010;69:648-653. https://doi.org/10.1136/ard.2009.108274.

9. **Weber U**, Lambert RGW, Østergaard M, Hodler J, Pedersen SJ, Maksymowych WP. The diagnostic utility of magnetic resonance imaging in spondyloarthritis. An international multicenter evaluation of one hundred eighty-seven subjects. Arthritis Rheum 2010;62:3048-3058. https://doi.org/10.1002/art.27571.

10. **Weber U**, Lambert RGW, Pedersen SJ, Hodler J, Østergaard M, Maksymowych WP. Assessment of structural lesions in sacroiliac joints enhances diagnostic utility of magnetic resonance imaging in early spondyloarthritis. Arthritis Care Res (Hoboken) 2010;62:1763-1771. https://doi.org/10.1002/acr.20312.

11. Rudwaleit M, van der Heijde D, Landewé R, Akkoc N, Brandt J, Chou CT, Dougados M, Huang F, Gu J, Kirazli Y, van den Bosch F, Oliveri I, Roussou E, Scarpato S, Sorensen IJ, Valle-Onate R, **Weber U**, Wei J, Sieper J. The assessment of SpondyloArthritis international Society classification criteria for peripheral spondyloarthritis and for spondyloarthritis in general. Ann Rheum Dis 2011;70:25-31. https://doi.org/10.1136/ard.2010.133645.

12. **Weber U**, Lambert RGW, Rufibach K, Maksymowych WP, Hodler J, Zejden A, Duewell S, Kissling RO, Filipow PL, Jurik AG. Anterior chest wall inflammation by whole body magnetic resonance imaging in patients with spondyloarthritis: lack of association between clinical and imaging findings in a cross-sectional study. Arthritis Res Ther 2012;14:R3. https://doi.org/10.1186/ar3551.

    Accompanying Editorial. Rennie WJ. Clinical examination or whole-body magnetic resonance imaging: the Holy Grail of spondyloarthritis imaging. Arthritis Res Ther 2012;14:110.

13. **Weber U**, Pedersen SJ, Østergaard M, Rufibach K, Lambert RGW, Maksymowych WP. Can erosions on MRI of the sacroiliac joints be reliably detected in patients with ankylosing spondylitis? – A cross-sectional study. Arthritis Res Ther 2012;14:R124. https://doi.org/10.1186/ar3854.

14. **Weber U**, Zubler V, Pedersen SJ, Rufibach K, Lambert RGW, Chan SM, Østergaard M, Maksymowych WP. Development and validation of a magnetic resonance imaging reference criterion for defining a positive sacroiliac joint magnetic resonance imaging finding in spondyloarthritis. Arthritis Care Res (Hoboken) 2013;65:977-985. https://doi.org/10.1002/acr.21893.

15. Jurik AG, Zejden A, Lambert RGW, Rufibach K, Hodler J, Maksymowych WP, Duewell S, Kissling RO, **Weber U**. Pitfalls in MR morphology of the sterno-costo-clavicular region using whole-body MRI. Clin Radiol 2013;68:785-791. https://doi.org/10.1016/j.crad.2013.02.007.

16. Ciurea A, Scherer A, Exer P, Bernhard J, Dudler J, Beyeler B, Kissling R, Stekhoven D, Rufibach K, Tamborrini G, Weiss B, Mueller R, Nissen MJ, Michel BA, van der Heijde D, Dougados M, Boonen A, **Weber U**, on behalf of the Rheumatologists of the Swiss Clinical Quality Management Program for Axial Spondyloarthritis. Tumor necrosis factor α inhibition in radiographic and nonradiographic axial spondyloarthritis: results from a large observational cohort. Arthritis Rheum 2013;65:3096-3106. https://doi.org/10.1002/art.38140.

17. Pedersen SJ, Zhao Z, Lambert RGW, Wichuk S, Østergaard M, **Weber U**, Maksymowych WP. The FAt Spondyloarthritis Spine Score (FASSS): development and validation of a new scoring method for the evaluation of fat lesions in the spine of patients with axial spondyloarthritis. Arthritis Res Ther 2013;15:R216. https://doi.org/10.1186/ar4411.

18. **Weber U**, Pedersen SJ, Zubler V, Rufibach K, Chan SM, Lambert RGW, Østergaard M, Maksymowych WP. Fat infiltration on magnetic resonance imaging of the sacroiliac joints has limited diagnostic utility in nonradiographic axial spondyloarthritis. J Rheumatol 2014;41:75-83. https://doi.org/10.3899/jrheum.130568.

19. Jaremko JL, Lambert RGW, Zubler V, **Weber U**, Loeuille D, Roemer FW, Cibere J, Pianta M, Gracey D, Conaghan P, Østergaard M, Maksymowych WP. Methodologies for semiquantitative evaluation of hip osteoarthritis by magnetic resonance imaging: approaches based on the whole organ and focused on active lesions. J Rheumatol 2014;41:359-369. https://doi.org/10.3899/jrheum.131082.

20. Maksymowych WP, Cibere J, Loeuille D, **Weber U**, Zubler V, Roemer FW, Jaremko JL, Sayre EC, Lambert RGW. Preliminary validation of 2 magnetic resonance image scoring systems for osteoarthritis of the hip according to the OMERACT filter. J Rheumatol 2014;41:370-378. https://doi.org/10.3899/jrheum.131083.

21. Ciurea A, Scherer A, **Weber U**, Neuenschwander R, Tamborrini G, Exer P, Bernhard J, Villiger PM, Kissling R, Michel BA, Stekhoven D, on behalf of the rheumatologists of the Swiss Clinical Quality Management Program for axial spondyloarthritis. Age at symptom onset in ankylosing spondylitis: is there a gender difference? [letter] Ann Rheum Dis 2014;73:1908-1910. https://doi.org/10.1136/annrheumdis-2014-205613.

22. Ciurea A, **Weber U**, Stekhoven D, Scherer A, Tamborrini G, Bernhard J, Toniolo M, Villiger PM, Zufferey P, Kissling RO, Michel BA, Exer P, on behalf of the rheumatologists of the Swiss Clinical Quality Management. Treatment with tumor necrosis factor inhibitors in axial spondyloarthritis: comparison between private rheumatology practices and academic centers in a large observational cohort. J Rheumatol 2015;42:101-105. https://doi.org/10.3899/jrheum.140229.

23. **Weber U**, Zhao Z, Rufibach K, Zubler V, Lambert RGW, Chan SM, Østergaard M, Pedersen SJ, Maksymowych WP. Diagnostic utility of candidate definitions for demonstrating axial spondyloarthritis on magnetic resonance imaging of the spine. Arthritis Rheum 2015;67:924-933. https://doi.org/10.1002/art.39001.

24. **Weber U**, Zubler V, Zhao Z, Lambert RGW, Chan SM, Pedersen SJ, Østergaard M, Rufibach K, Maksymowych WP. Does spinal MRI add incremental diagnostic value to MRI of the sacroiliac joints alone in patients with non-radiographic axial spondyloarthritis? Ann Rheum Dis 2015;74:985-992. https://doi.org/10.1136/annrheumdis-2013-203887.

25. Mandl P, Navarro-Compán V, Terslev L, Aegerter P, van der Heijde D, D'Agostino MA, Baraliakos X, Pedersen SJ, Jurik AG, Naredo E, Schueller-Weidekamm C, **Weber U**, Wick MC, Bakker PAC, Filippucci E, Conaghan PG, Rudwaleit M, Schett G, Sieper J, Tarp S, Marzo-Ortega H, Østergaard M. EULAR recommendations for the use of imaging in the diagnosis and management of spondyloarthritis in clinical practice. Ann Rheum Dis 2015;74:1327-1339. https://doi.org/10.1136/annrheumdis-2014-206971.

26. **Weber U**, Maksymowych WP, Chan SM, Rufibach K, Pedersen SJ, Zhao Z, Zubler V, Østergaard M, Lambert RGW. Does evaluation of the ligamentous compartment enhance diagnostic utility of sacroiliac joint MRI in axial spondyloarthritis? Arthritis Res Ther 2015;17:246. https://doi.org/10.1186/s13075-015-0729-8.

27. **Weber U**, Østergaard M, Lambert RGW, Pedersen SJ, Chan SM, Zubler V, Rufibach K, Zhao Z, Maksymowych WP. Candidate lesion-based criteria for defining a positive sacroiliac joint MRI in two cohorts of patients with axial spondyloarthritis. Ann Rheum Dis 2015;74:1976-1982. https://doi.org/10.1136/annrheumdis-2014-205408.

28. Ciurea A*, Scherer A*, **Weber U**, Exer P, Bernhard J, Tamborrini G, Riek M, Mueller RB, Weiss B, Nissen MJ, Kissling R, Michel BA, Finckh A, on behalf of the rheumatologists of Swiss Clinical Quality Management Program for Axial Spondyloarthritis. Impaired response to treatment with tumour necrosis factor α inhibitors in smokers with axial spondyloarthritis [*equal contribution]. Ann Rheum Dis 2016;75:532-539. https://doi.org/10.1136/annrheumdis-2013-205133.

29. Ciurea A, Exer P, **Weber U**, Tamborrini G, Steininger B, Kissling RO, Bernhard J, Scherer A, and on behalf of the Rheumatologists of Swiss Clinical Quality Management Program for Axial Spondyloarthritis. Does the reason for discontinuation of a first TNF inhibitor influence the effectiveness of a second TNF inhibitor in axial spondyloarthritis? Results from the Swiss Clinical Quality Management Cohort. Arthritis Res Ther 2016;18:71. https://doi.org/10.1186/s13075-016-0969-2.

30. Sepriano A, Landewé R, van der Heijde D, Sieper J, Akkoc N, Brandt J, Braun J, Collantes-Estevez E, Dougados M, Fitzgerald O, Huang F, Gu J, Kirazli Y, Maksymowych WP, Marzo-Ortega H, Olivieri I, Ozgocmen S, Roussou E, Scarpato S, Sørensen IJ, Valle-Oñate R, Van den Bosch F, van der Horst-Bruinsma I, **Weber U**, Wei J, Rudwaleit M, on behalf of ASAS. Predictive validity of the ASAS classification criteria for axial and peripheral spondyloarthritis after follow-up in the ASAS-cohort: a final analysis. Ann Rheum Dis 2016;75:1034-1042. https://doi.org/10.1136/annrheumdis-2015-208730.

31. Lambert RGW, Bakker PAC, van der Heijde D, **Weber U**, Rudwaleit M, Hermann KGA, Sieper J, Baraliakos X, Bennett A, Braun J, Burgos-Vargas R, Dougados M, Pedersen SJ, Jurik AG, Maksymowych WP, Marzo-Ortega H, Østergaard M, Poddubnyy D, Reijnierse M, van den Bosch F, van der Horst-Bruinsma I, Landewé R. Defining active sacroiliitis on MRI for classification of axial spondyloarthritis: update by the ASAS MRI working group. Ann Rheum Dis 2016;75:1958-1963. https://doi.org/10.1136/annrheumdis-2015-208642.

32. Kiltz U, van der Heijde D, Boonen A, Bautista-Molano W, Burgos-Vargas R, Chiowchanwisawakit P, Duruoz T, El-Zorkany B, Essers I, Gaydukova I, Géher P, Gossec L, Grazio S, Gu J, Khan MA, Kim TJ, Maksymowych WP, Marzo-Ortega H, Navarro-Compán V, Olivieri I, Patrikos D, Pimentel-Santos FM, Schirmer M, van den Bosch F, **Weber U**, Zochling J, Braun J. Measuring impairments of functioning and health in patients with axial spondyloarthritis by using the ASAS Health Index and the Environmental Item Set: translation and cross-cultural adaptation into 15 languages. RMD Open 2016;2:e000311. https://doi.org/10.1136/rmdopen-2016-000311.

33. Kiltz U, Winter J, Schirmer M, **Weber U**, Hammel L, Baraliakos X, Braun J. Deutsche Uebersetzung und krosskulturelle Adaptation des ASAS-Gesundheitsindex. Ein ICF-basiertes Instrument zur Erfassung der Funktionsfähigkeit von Patienten mit ankylosierender Spondylitis. Z Rheumatol 2016;75:993-998. https://doi.org/10.1007/s00393-016-0218-8.

34. Christiansen AA, Hendricks O, Kuettel D, Hørslev-Petersen K, Jurik AG, Nielsen S, Rufibach K, Loft AG, Pedersen SJ, Hermansen LT, Østergaard M, Arnbak B, Manniche C, **Weber U**. Limited reliability of radiographic assessment of sacroiliac joints in patients with suspected early spondyloarthritis. J Rheumatol 2017;44:70-77. https://doi.org/10.3899/jrheum.160079.

    Accompanying Editorial. Podduybnyy D. Radiographic evaluation of sacroiliac joints in axial spondyloarthritis – still worth performing? J Rheumatol 2017;44:1-3.

35. Hermansen LT, Loft AG, Christiansen AA, Munk LH, Gilbert L, Jurik AG, Arnbak B, Manniche C, **Weber U**, Østergaard M, Pedersen SJ, Barington T, Junker P, Hørslev-Petersen K, Hendricks O. No diagnostic utility of antibody patterns against Klebsiella pneumoniae capsular serotypes in patients with axial spondyloarthritis vs. patients with non-specific low back pain: a cross-sectional study. Scand J Rheumatol 2017;46:296-302. https://doi.org/10.1080/03009742.2016.1205659.

36. Jaremko JL, Azmat O, Lambert RGW, Bird P, Haugen IK, Jans L, **Weber U**, Winn N, Zubler V, Maksymowych WP. Validation of a knowledge transfer tool according to the OMERACT filter: Does web-based real-time iterative calibration enhance the evaluation of bone marrow lesions in hip osteoarthritis? J Rheumatol 2017;44:1713-1717. https://doi.org/10.3899/jrheum.161101.

37. Jaremko JL, Azmat O, Lambert RG, Bird P, Haugen IK, Jans L, **Weber U**, Winn N, Zubler V, Maksymowych WP. Validation of a knowledge transfer tool for the Knee Inflammation MRI Scoring System for bone marrow lesions according to the OMERACT Filter: Data from the Osteoarthritis Initiative. J Rheumatol 2017;44:1718-1722. https://doi.org/10.3899/jrheum.161102.

38. Molnar C, Scherer A, Baraliakos X, de Hooge M, Micheroli R, Exer P, Kissling RO, Tamborrini G, Wildi LM, Nissen MJ, Zufferey P, Bernhard J, **Weber U**, Landewé RBM, van der Heijde D, Ciurea A. TNF blockers inhibit spinal radiographic progression in ankylosing spondylitis by reducing disease activity: results from the Swiss Clinical Quality Management cohort. Ann Rheum Dis 2018;77:63-69. https://doi.org/10.1136/annrheumdis-2017-211544.

39. Hebeisen M, Neuenschwander R, Scherer A, Exer P, **Weber U**, Tamborrini G, Micheroli R, Wildi LM, Zufferey P, Nissen MJ, Villiger PM, Bernhard J, Finckh A, van der Horst-Bruinsma IE, Sieper J, Landewé R, van der Heijde D, Ciurea A. Response to tumor necrosis factor inhibition in male and female patients with ankylosing spondylitis: Data from a Swiss cohort. J Rheumatol 2018;45:506-512. https://doi.org/10.3899/jrheum.170166.

40. **Weber U***, Jurik AG*, Zejden A, Larsen E, Jørgensen SH, Rufibach K, Schioldan C, Schmidt-Olsen S [*Equal contribution]. Frequency and anatomic distribution of magnetic resonance imaging features in the sacroiliac joints of young athletes: Exploring

"background noise" toward a data-driven definition of sacroiliitis in early spondyloarthritis. Arthritis Rheum 2018;70:736-745. https://doi.org/10.1002/art.40429.

Accompanying Editorial: Ritchlin C. Magnetic resonance imaging signals in the sacroiliac joints of healthy athletes: Refining disease thresholds and treatment strategies in axial spondyloarthritis. Arthritis Rheum 2018;70:629-632.

41. Deseyne N, Conrozier T, Lellouche H, Maillet B, **Weber U**, Jaremko JL, Paschke J, Epstein J, Maksymowych WP, Loeuille D. Hip Inflammation MRI Scoring System (HIMRISS) to predict response to hyaluronic acid injection in hip osteoarthritis. Joint Bone Spine 2018;85:475-480. https://doi.org/10.1016/j.jbspin.2017.08.004.

42. Pedersen SJ, **Weber U**, Said-Nahal R, Sørensen IJ, Loft AG, Kollerup G, Juul L, Frandsen PB, Thamsborg G, Madsen OR, Møller J, Balding L, Jurik AG, Østergaard M. Structural progression rate decreases over time on serial radiography and magnetic resonance imaging of sacroiliac joints and spine in a five-year follow-up study of patients with ankylosing spondylitis treated with tumour necrosis factor inhibitor. Scand J Rheumatol 2019;48:185-197. https://doi.org/10.1080/03009742.2018.1506822.

43. Bratu VA, Häusermann P, Walker UA, Daikeler T, Zubler V, Jaeger VK, **Weber U***, Studler U* [*Shared senior authorship]. Do patients with skin psoriasis show subclinical axial inflammation on magnetic resonance imaging of the sacroiliac joints and entire spine? Arthritis Care Res (Hoboken) 2019;71:1109-1118. https://doi.org/10.1002/acr.23767.

44. Jaremko JL, Lambert RGW, Pedersen SJ, **Weber U**, Lindsay D, Al-Ani Z, Steer K, Pianta M, Wichuk S, Maksymowych WP. OMERACT Hip Inflammation Magnetic Resonance Imaging Scoring System (HIMRISS) assessment in longitudinal study. J Rheumatol 2019;46:1239-1242. https://doi.org/10.3899/jrheum.181043.

45. Maksymowych WP, Lambert RGW, Østergaard M, Pedersen SJ, Machado PM, **Weber U**, Bennett AN, Braun J, Burgos-Vargas R, de Hooge M, Deodhar AA, Eshed I, Jurik AG, Hermann KGA, Landewé RBM, Marzo-Ortega H, Navarro-Compan V, Poddubnyy D, Reijnierse M, Rudwaleit M, Sieper J, Van den Bosch FE, van der Heijde D, van der Horst-Bruinsma IE, Wichuk S, Baraliakos X. MRI lesions in the sacroiliac joints of patients with spondyloarthritis: an update of definitions and validation by the ASAS MRI working group. Ann Rheum Dis 2019;78:1550-1558. https://doi.org/10.1136/annrheumdis-2019-215589.

46. Krabbe S, Østergaard M, Pedersen SJ, **Weber U**, Kröber G, Maksymowych WP, Lambert RGW. Canada-Denmark MRI scoring system of the spine in patients with axial spondyloarthritis: updated definitions, scoring rules and inter-reader reliability in a multiple reader setting. RMD Open 2019;5:e001057. https://doi.org/10.1136/rmdopen-2019-001057.

47. Arnbak B, Jensen TS, Schiøttz-Christensen B, Pedersen SJ, Østergaard M, **Weber U**, Hendricks O, Zejden A, Manniche C, Jurik AG. What level of inflammation leads to structural damage in the sacroiliac joints? A 4-year MRI follow-up study of low back pain patients. Arthritis Rheum 2019;71:2027-2033. https://doi.org/10.1002/art.41040.

48. Krabbe S, Kröber G, Pedersen SJ, Østergaard M, Møller JM, Sørensen IJ, Jensen B, Madsen OR, Klarlund M, **Weber U**. 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. Scand J Rheumatol 2020;49:200-209. https://doi.org/10.1080/03009742.2019.1675184.

49. Kuettel D, Terslev L, **Weber U**, Østergaard M, Primdahl J, Petersen R, Ammitzbøll-Danielsen M, Möller S, Hørslev-Petersen K. Flares in rheumatoid arthritis: do patient-reported swollen and tender joints match clinical and ultrasonography findings? Rheumatology 2020;59:129-136. https://doi.org/10.1093/rheumatology/kez231.

50. Kuettel D, Glinatsi D, Østergaard M, Terslev L, Primdahl J, Möller S, Pedersen AK, Petersen R, **Weber U***, Hørslev-Petersen K* [*Equal contribution]. Serial magnetic resonance imaging and ultrasound examinations demonstrate differential inflammatory lesion patterns in soft tissue and bone upon patient reported flares in rheumatoid arthritis. Arthritis Res Ther 2020;22:19. https://doi.org/10.1186/s13075-020-2105-6.

51. **Weber U***, Jurik AG*, Zejden A, Larsen E, Jørgensen SH, Rufibach K, Schioldan C, Schmidt-Olsen S [*Equal contribution]. MRI of the sacroiliac joints in athletes: recognition of non-specific bone marrow oedema by semi-axial added to standard semi-coronal scans. Rheumatology 2020;59:1381-1390. https://doi.org/10.1093/rheumatology/kez458.

52. Kuettel D, Primdahl J, **Weber U**, Terslev L, Østergaard M, Petersen R, Pedersen AK, Möller S, Hørslev-Petersen K. Pain and self-reported swollen joints are main drivers of patient-reported flares in rheumatoid arthritis: Results from a 12-month observational study. J Rheumatol 2020;47:1305-1313. https://doi.org/10.3899/jrheum.190760.

53. Maksymowych WP, Pedersen SJ, **Weber U**, Baraliakos X, Machado PM, Eshed I, de Hooge M, Sieper J, Wichuk S, Rudwaleit M, van der Heijde D, Landewé RBM, Poddubnyy D, Østergaard M, Lambert RGW. 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. Ann Rheum Dis 2020;79:935-942. https://doi.org/10.1136/annrheumdis-2020-217232.

54. Malik F, Scherl E, **Weber U**, Carrino JA, Epsten M, Wichuk S, Pedersen SJ, Paschke J, Schwartzman S, Kroeber G, Maksymowych WP, Longman R, Mandl LA. Utility of magnetic resonance imaging in Crohn's associated sacroiliitis: A cross-sectional study. Int J Rheum Dis 2021;24:582-590. https://doi.org/10.1111/1756-185X.14081.

55. Maksymowych WP, Lambert RG, Baraliakos X, **Weber U**, Machado PM, Pedersen SJ, de Hooge M, Sieper J, Wichuk S, Poddubnyy D, Rudwaleit M, van der Heijde D, Landewe R, Eshed I, Østergaard M. Data-driven definitions for active and structural MRI lesions in the sacroiliac joint in spondyloarthritis and their predictive utility. Rheumatology 2021;60:4778-4789. https://doi.org/10.1093/rheumatology/keab099.

56. Wetterslev M, Østergaard M, Sørensen IJ, **Weber U**, Loft AG, Kollerup G, Juul L, Thamsborg G, Madsen OR, Møller JM, Pedersen SJ. Development and validation of three preliminary MRI sacroiliac joint composite structural damage scores in a 5-year longitudinal axial spondyloarthritis study. J Rheumatol 2021;48:1537-1546. https://doi.org/10.3899/jrheum.201075.

57. Maksymowych WP, McReynolds A, Pedersen SJ, **Weber U**, Paschke J, Wichuk S, Jaremko JL, Lambert RG. The OMERACT Knee Inflammation MRI Scoring System: Validation of quantitative methodologies and tri-compartmental overlays in osteoarthritis. Semin Arthritis Rheum 2021;51:925-928. https://doi.org/10.1016/j.semarthrit.2021.05.014.

58. Kiltz U, Boonen A, van der Heijde D, Bautista-Molano W, Burgos Vargas R, Chiowchanwisawakit P, El-Zorkany B, Gaydukova I, Geher P, Gossec L, Gilio M, Grazio S, Gu J, Khan MA, Kim TJ, Maksymowych WP, Marzo-Ortega H, Navarro-Compán V, Ozgocmen S, Patrikos D, Pimentel-Santos FM, Reveille J, Schirmer M, Stebbings S, van den Bosch F, **Weber U**, Braun J. Development of an environmental contextual factor item set relevant to global functioning and health in patients with axial spondyloarthritis. Rheumatology 2022;61:2054-2062. https://doi.org/10.1093/rheumatology/keab653.

59. Baraliakos X, Østergaard M, Lambert RGW, Eshed I, Machado PM, Pedersen SJ, **Weber U**, de Hooge M, Sieper J, Poddubnyy D, Rudwaleit M, van der Heijde D, Landewé RBM, Maksymowych WP. MRI lesions of the spine in patients with axial spondyloarthritis: an update of lesion definitions and validation by the ASAS MRI working group. Ann Rheum Dis 2022;81:1243-1251. https://doi.org/10.1136/annrheumdis-2021-222081.

60. Nielsen SH, Sun S, Bay-Jensen AC, Karsdal M, Sørensen IJ, **Weber U**, Loft AG, Kollerup G, Thamsborg G, Madsen OR, Møller J, Østergaard M, Pedersen SJ. Levels of extracellular matrix metabolites are associated with changes in Ankylosing Spondylitis Disease Activity Score and MRI inflammation scores in patients with axial spondyloarthritis during TNF inhibitor therapy. Arthritis Res Ther 2022;24:279. https://doi.org/10.1186/s13075-022-02967-8.

61. Protopopov M, Proft F, Wichuk S, Machado PM, Lambert RG, **Weber U**, Pedersen SJ, Østergaard M, Sieper J, Rudwaleit M, Baraliakos X, Maksymowych WP, Poddubnyy D. Comparing MRI and conventional radiography for the detection of structural changes indicative of axial spondyloarthritis in the ASAS cohort. Rheumatology 2023;62:1631-1635. https://doi.org/10.1093/rheumatology/keac432.

62. Kiil RM, **Weber U**, Loft AG, Maimburg RD, Jurik AG. Evolution of magnetic resonance imaging lesions at the sacroiliac joints during and after pregnancy by serial magnetic resonance imaging from gestational week twenty to twelve months postpartum. Arthritis Rheum 2023;75:1166-1175. https://doi.org/10.1002/art.42457.

63. Maksymowych WP, Jaremko J, Pedersen SJ, Eshed I, **Weber U**, McReynolds A, Bird P, Wichuk S, Lambert RG. Comparative validation of the Knee Inflammation MRI Scoring System and the MRI Osteoarthritis Knee Score for semi-quantitative assessment of bone marrow lesions and synovitis-effusion in osteoarthritis: An international multi-reader exercise. Accepted article April 05 2023 Ther Adv Musculoskelet Dis. https://doi.org/10.1177/1759720X231171766.

64. Navarro-Compán V, Benavent D, Capelusnik D, van der Heijde D, Landewé RBM, Poddubnyy D, van Tubergen A, Baraliakos X, van den Bosch FE, van Gaalen FA, Gensler L, López-Medina C, Marzo-Ortega H, Moltó A, Pérez-Alamino R, Rudwaleit M, van de Sande M, Sengupta R, **Weber U**, Ramiro S. ASAS consensus definition of early axial spondyloarthritis. Ann Rheum Dis 2023 epub June 15 2023. https://doi.org/10.1136/ard-2023-224232.

Review Articles with Peer Review

1. **Weber U**. Calcium pyrophosphate crystal deposition disease. Swiss Med Forum (periodical of the Swiss Medical Association) 2002;39:914-921. https://doi.org/10.4414/smf.2002.04653.

2. **Weber U**, Kissling RO. Ankylosing Spondylitis - new therapies, open questions. Swiss Med Forum (periodical of the Swiss Medical Association) 2006;6:163-171. https://doi.org/10.4414/smf.2006.05790.

3. **Weber U**, Pfirrmann CWA, Khan MA. Ankylosing spondylitis: update on imaging and therapy. Int J Adv Rheumatol 2007;5:2-7.

4. **Weber U**, Kissling RO, Hodler J. Advances in musculoskeletal imaging and their clinical utility in the early diagnosis of spondyloarthritis. Curr Rheumatol Rep 2007;9:353-360. https://doi.org/10.1007/s11926-007-0057-3.

5. **Weber U**, Maksymowych WP. Sensitivity and specificity of magnetic resonance imaging for axial spondyloarthritis. Am J Med Sci 2011;341:272-277. https://doi.org/10.1097/MAJ.0b013e31820f8c59.

6. Maksymowych WP, **Weber U**. Diagnostic utility of MRI in early spondyloarthritis. Curr Rheumatol Rep 2011;13:402-408. https://doi.org/10.1007/s11926-011-0190-x.

7. **Weber U**, Østergaard M, Lambert RGW, Maksymowych WP. The impact of MRI on the clinical management of inflammatory arthritides. Skeletal Radiol 2011[Jubilee issue];40:1153-1173. https://doi.org/10.1007/s00256-011-1204-5.

8. Van Tubergen A, **Weber U**. Diagnosis and classification in spondyloarthritis: identifying a chameleon. Nat Rev Rheumatol 2012;8:253-261. https://doi.org/10.1038/nrrheum.2012.33.

9. Pedersen SJ, **Weber U**, Østergaard M. The diagnostic utility of MRI in spondyloarthritis. Best Pract Res Clin Rheumatol 2012;26:751-66. https://doi.org/10.1016/j.berh.2012.10.005.

10. **Weber U**, Maksymowych WP. Advances and challenges in spondyloarthritis imaging for diagnosis and assessment of disease. Curr Rheumatol Rep 2013;15:345. https://doi.org/10.1007/s11926-013-0345-z.

11. **Weber U**, Jurik AG, Lambert RGW, Maksymowych WP. Imaging in spondyloarthritis: Controversies in recognition of early disease. Curr Rheumatol Rep 2016;18:58. https://doi.org/10.1007/s11926-016-0607-7.

12. Lukas C, Cyteval C, Dougados M, **Weber U**. MRI for diagnosis of axial spondyloarthritis: major advance with critical limitations “Not everything that glisters is gold (standard)”. RMD Open 2018;4:e000586. https://doi.org/10.1136/rmdopen-2017-000586.

13. Kröber G, **Weber U**. MRI in spondyloarthritis: when and how? Curr Opin Rheumatol 2018;30:324-333. https://doi.org/10.1097/BOR.0000000000000512.

14. **Weber U**, Baraliakos X. Imaging in axial spondyloarthritis: Changing concepts and thresholds. Best Pract Res Clin Rheumatol 2018;32:342-356. https://doi.org/10.1016/j.berh.2018.10.009.

15. **Weber U**, Jurik AG, Lambert RGW, Maksymowych WP. Imaging in axial spondyloarthritis: What is relevant for diagnosis in daily practice? Curr Rheumatol Rep 2021;23:66. https://doi.org/10.1007/s11926-021-01030-w.

Case Reports and Editorials with Peer Review

1. **Weber U**, Morf MH, Gubler JGH, Altwegg M, Maibach RC. Spondylodiscitis as the first manifestation of Whipple's disease - a removal worker with chronic low back pain. Clin Rheumatol 2003;22:443-446. https://doi.org/10.1007/s10067-003-0786-2.

2. **Weber U**, Maksymowych WP. How does imaging help the clinician in the evaluation and management of spondyloarthritis? Skeletal Radiol 2008;37:487-490. Perspective [editorial]. https://doi.org/10.1007/s00256-008-0477-9.

3. **Weber U**, Pfirrmann CWA, Kissling RO, MacKenzie CR, Khan MA. Early spondyloarthritis in an HLA-B27-positive monozygotic twin pair: A highly concordant onset, sites of involvement, and disease course. [letter] J Rheumatol 2008;35:1464-1467.

4. Modaressi K, Fuchs B, Sutter R, Bode P, Meili S, **Weber U**. Clinical Images: Osteoblastoma of the ilium mimicking sacroiliitis. Arthritis Rheum 2013;65:1674. https://doi.org/10.1002/art.37915.

Congress Abstracts, mainly to ACR and EULAR

39 Oral and 90 Poster Presentations