



Health Economics, Outcomes & Epidemiology

Published Research and Presentations

COMPENDIUM

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A COMPENDIUM OF OUR RESEARCH

Health outcomes research is playing an increasingly important role in pharmaceutical development as new products enter competitive markets and face demands for economic evidence, safety, and efficacy. A clear and early understanding of value is critical to commercial success, and requires companies to have capabilities in health economics and associated disciplines of epidemiology, biostatistics, outcomes research, and pharmacoeconomics in place for ready use across their customers and therapeutic areas.

For nearly three decades, Analysis Group has been distinguished by a unique combination of expertise in health economics, outcomes research, epidemiology, biostatistics, and health policy. Our outcomes research has resulted in thought leadership and a robust record of publications and presentations across the leading medical, outcomes, and health economics journals and conferences, covering a range of clinical and methodological areas. This compendium includes published manuscripts as well as abstracts through October 2024.

For more information on our research activities and health care consulting practice, please visit our website, <https://www.analysisgroup.com/>.

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Autoimmune/Inflammatory

The economic impact of suboptimal treatment and treatment switch among patients with Crohn's disease treated with a first-line biologic - A US retrospective claims database study.

Publication: J Med Econ 2024 07: 1-15. e-pub ahead of print 2024/07/05; doi: 10.1080/13696998.2024.2374645.

Authors: Gagnon-Sanschagrin P, Sanon M, Davidson M, Willey C, Kachroo S, Hoops T, Naessens D, Guerin A, Cloutier M.

Predictors of High Healthcare Cost Among Patients with Generalized Myasthenia Gravis: A Combined Machine Learning and Regression Approach from a US Payer Perspective.

Publication: Appl Health Econ Health Policy 2024 07. e-pub ahead of print 2024/07/14; doi: 10.1007/s40258-024-00897-x.

Authors: Zhdanava M, Pesa J, Boonmak P, Schwartzbein S, Cai Q, Pilon D, Choudhry Z, Lafeuille MH, Lefebvre P, Souayah N.

Burden of Glucocorticoid Use and Associated Toxicities in Commercially Insured Adults with IgG4-related Disease in the United States.

Abstract: EULAR 2024, Vienna, Austria June 12 - 15, 2024.

Authors: Wallace ZS, Park JY, Serra E, Guerin A, Patterson KR, Patel H, Singh VK.

Improved Health Outcomes in Patients with Systemic Lupus Erythematosus Following Early Belimumab Initiation Without Prior Immunosuppressant Use: A Real-World Descriptive Study.

Publication: Rheumatol Ther 2024 06. doi: 10.1007/s40744-024-00675-0.

Authors: Rubin B, Chen Y, Worley K, Rabideau B, Wu B, Chang R, DerSarkissian M.

Clinical burden and healthcare resource utilization amongst commercially insured adults with IgG4-RD in the United States.

Abstract: AMCP 2024, New Orleans, LA April 15–18, 2024.

Authors: Wallace ZS, Park JY, Serra E, Gagnon-Sanschagrin P, Patterson KR, Patel H.

Evaluating the real-world effectiveness of belimumab in patients with SLE using SLE-related laboratory values and rheumatoid arthritis-derived disease activity measures: RAPID3, swollen joint count and tender joint count.

Publication: Lupus Sci Med 2024 04; 11(1). e-pub ahead of print 2024/04/05; doi: 10.1136/lupus-2023-001111.

Authors: Germain G, Worley K, MacKnight SD, Rubin B, Bell CF, Laliberté F, Urosevic A, Sheng Duh M, Concoff A.

Identification of high-grade cytokine release syndrome in retrospective databases.

Abstract: AMCP 2024, New Orleans, LA April 15 - 18, 2024.

Authors: Huntington SF, Lin D, Lafeuille MH, Thompson-Leduc P, Shah A, Kim N, Hester L, Tardif-Samson A, Moore B, Fowler J, Marshall A, Zhang X, Gifkins D.

Real-world clinical outcomes and healthcare costs in patients with Crohn's disease treated with vedolizumab versus ustekinumab in the United States.

Publication: Current Medical Research and Opinion 2024 04: 1-9. doi: 10.1080/03007995.2024.2326585.

Authors: Chiorean M, Jiang J, Candela N, Chen G, Romdhani H, Latremouille-Viau D, Shi S, Bungay R, Guerin A, Fan T.

Stratified Patient Profiling for Vedolizumab Effectiveness in Crohn's Disease: Identifying Optimal Subgroups for Enhanced Treatment Response in the EVOLVE Study.

Publication: Adv Ther 2024 04. e-pub ahead of print 2024/04/25; doi: 10.1007/s12325-024-02825-w.

Authors: Yarur A, Mantzaris GJ, Wang S, Adsul S, Kamble P, Cook E, Sajeev G, Guerin A, Bressler B.

Real-World Effectiveness of Mepolizumab in Patients With Chronic Rhinosinusitis With Nasal Polyps: A Pre/Post Assessment of Oral Corticosteroid Use and Sinus Surgery in the US.

Abstract: 2024 AAAAI Annual Meeting, Washington, DC February 23 - 26, 2024.

Authors: Maldonado-Puebla M, Cardet JC, Silver J, Laliberté F, Hilts A, Ramasubramanian R, Zhang K, Hwee J, Ahmed W, Edgecomb A.

Safety of Upadacitinib in Immune-Mediated Inflammatory Diseases: Systematic Literature Review of Indirect and Direct Treatment Comparisons of Randomized Controlled Trials.

Publication: Adv Ther 2024 01. e-pub ahead of print 2024/01/04; doi: 10.1007/s12325-023-02732-6.

Authors: Mysler E, Burmester GR, Saffore CD, Liu J, Wegrzyn L, Yang C, Betts KA, Wang Y, Irvine AD, Panaccione R.

Burden of eosinophilic granulomatosis with polyangiitis in Europe.

Publication: ERJ Open Res 2024 10(4). e-pub ahead of print 2024/08/06; doi: 10.1183/23120541.00912-2023.

Authors: Jakes RW, Kwon N, Huynh L, Hwee J, Baylis L, Alfonso-Cristancho R, Du S, Khanal A, Duh MS, Terrier B.

Patient-centric assessment of rheumatoid arthritis using a smartwatch and bespoke mobile app in a clinical setting.

Publication: Sci Rep 2023 10; 13(1): 18311. e-pub ahead of print 2023/10/26; doi: 10.1038/s41598-023-45387-7.

Authors: Hamy V, Llop C, Yee CW, Garcia-Gancedo L, Maxwell A, Chen WH, Tomlinson R, Bobbili P, Bendelac J, Landry J, DerSarkissian M, Yenikomshian M, Mody EA, Duh MS, Williams R.

Comparison of On-Label Treatment Persistence in Real-World Patients with Psoriatic Arthritis Receiving Guselkumab versus Subcutaneous TNF Inhibitors.

Abstract: Congress of Clinical Rheumatology (CCR-West) 2023, San Diego, CA September 7-10, 2023.

Authors: Walsh J, Lin I, Zhao R, Shiff NJ, Morrison L, Emond B, Yu L, Schwartzbein S, Lefebvre P, Pilon D, Chakravarty SD, Mease P.

Cohabitation as a determinant of adaptive and innate immune cell profiles: Findings from the Health and Retirement Study.

Publication: Brain Behav Immun Health 2023 08; 33: 100676. e-pub ahead of print 2023/09/04; doi: 10.1016/j.bbih.2023.100676.

Authors: Ramasubramanian R, Kim JW, Guan W, Meier HCS, Crimmins E, Faul J, Thyagarajan B.

Health Care Costs With Sustained Oral Corticosteroid Use in Systemic Lupus Erythematosus.

Publication: Clin Ther 2023 06. doi: 10.1016/j.clinthera.2023.04.013.

Authors: Huang SP, DerSarkissian M, Gu YM, Duh MS, Wang M-J, Benson J, Vu JD, Averell CM, Bell CF.

Benefits of Autoantibody Enrichment in Early Rheumatoid Arthritis: Analysis of Efficacy Outcomes in Four Pooled Abatacept Trials.

Publication: Rheumatol Ther 2023 05. e-pub ahead of print 2023/05/26; doi: 10.1007/s40744-023-00552-2.

Authors: Michaud K, Conaghan PG, Park SH, Lozenski K, Fillbrunn M, Khaychuk V, Swallow E, Vaile J, Lane H, Nguyen H, Pope J.

Clinical and Economic Burden in Patients With Systemic Lupus Erythematosus During the First Year After Initiating Oral Corticosteroids: A Retrospective US Database Study.

Publication: ACR Open Rheumatol 2023 05. e-pub ahead of print 2023/05/25; doi: 10.1002/acr2.11550.

Authors: DerSarkissian M, Gu YM, Duh MS, Benson J, Huang SP, Averell C, Vu J, Wang MJ, Bell CF.

Clinical and Economic Burden of Herpes Zoster in Patients with Rheumatoid Arthritis: A Retrospective Cohort Study Using Administrative Claims.

Publication: Rheumatol Ther 2023 05. doi: 10.1007/s40744-023-00549-x.

Authors: Singer D, Thompson-Leduc P, Poston S, Gupta D, Cheng WY, Ma S, Devine F, Enrique A, Duh MS, Curtis JR.

Prolonged oral corticosteroid treatment in patients with systemic lupus erythematosus: An evaluation of 12-month economic and clinical burden.

Publication: J Manag Care Spec Pharm 2023 04; 29(4): 365-377. e-pub ahead of print 2023/03/30; doi: 10.18553/jmcp.2023.29.4.365.

Authors: Huang SP, DerSarkissian M, Gu YM, Duh MS, Wang MJ, Benson J, Vu J, Averell C, Bell CF.

Cost Per Relapse Avoided for Ozanimod Versus Other Selected Disease-Modifying Therapies for Relapsing-Remitting Multiple Sclerosis in the United States.

Publication: Neurol Ther 2023 03; 12(3): 849-861. doi: 10.1007/s40120-023-00463-y.

Authors: Kantor D, Pham T, Patterson-Lomba O, Swallow E, Dua A, Gupte-Singh K.

Incidence of Herpes Zoster in Patients with Rheumatoid Arthritis in the United States: A Retrospective Cohort Study.

Publication: J Rheumatol 2023 02. e-pub ahead of print 2023/02/02; doi: 10.3899/jrheum.220986.

Authors: Singer D, Thompson-Leduc P, Poston S, Gupta D, Cheng WY, Ma S, Devine F, Duh MS, Curtis JR.

A 5-Year Retrospective, Observational Study Assessing Rheumatoid Arthritis Disease Outcome Measures to Characterize Systemic Lupus Erythematosus Burden in the USA.

Publication: Rheumatol Ther 2022 12. e-pub ahead of print 2022/12/06; doi: 10.1007/s40744-022-00509-x.

Authors: Bell CF, Huang SP, Yu LH, DerSarkissian M, Germain G, Concoff AL, Averell CM, Rubin B, Gu YM, Duh MS, Wallace DJ.

PREDICT-CU: Predicting time to clinical remission in chronic urticaria.

Abstract: 6th GA²LEN Global Urticaria Forum (GUF), Berlin, Germany December 7-8, 2022.

Authors: Pivneva I, Balp M-M, Geissbühler Y, Severin T, Smeets S, Signorovitch J, Cornwall T, Danyliv A, Walsh S, Soong W, Marsland AM.

Economic burden associated with changes in Sjögren's disease activity among patients in a major Integrated Delivery Network in the United States.

Abstract: Academy of Managed Care Pharmacy Nexus Annual Meeting (AMCP 2022), National Harbor, MD October 11-14, 2022.

Authors: Ndife B, Patel S, Pivneva I, Rossi C, Duna G, Lawrence M, Signorovitch J.

Patient-reported outcomes of upadacitinib versus abatacept in patients with rheumatoid arthritis and an inadequate response to biologic disease-modifying antirheumatic drugs: 12- and 24-week results of a phase 3 trial.

Publication: Arthritis Res Ther 2022 06; 24(1): 155. e-pub ahead of print 2022/06/25; doi: 10.1186/s13075-022-02813-x.

Authors: Bergman M, Tundia N, Martin N, Suboticki JL, Patel J, Goldschmidt D, Song Y, Wright GC.

Development of an administrative claims and electronic health record-based algorithm to classify systemic disease severity among patients with Sjögren's disease in an integrated delivery network in the United States.

Abstract: ISPOR 2022, Washington, D.C. May 15-18 2022.

Authors: Ndife B, Pivneva I, Patel S, Rossi C, Duna G, Lawrence M, Signorovitch J.

Economic Burden among Sjögren's Patients in an Integrated Delivery Network in the United States.

Abstract: 2022 AMCP Annual Meeting, Chicago, IL March 29-April 1, 2022.

Authors: Ndife B, Pivneva I, Rossi C, Duna G, Lawrence M, Signorovitch J.

Reasons for Initiating Canakinumab among Patients with Systemic Juvenile Idiopathic Arthritis and Adult-Onset Still's Disease in the U.S. Real-World Settings.

Publication: Rheumatol Ther 2021 12. e-pub ahead of print 2021/12/08; doi: 10.1007/s40744-021-00402-z.

Authors: Hur P, Yi E, Ionescu-Iltu R, Manceur AM, Lomax KG, Cammarota J, Xie J, Gautam R, Nakasato P, Sanghera N, Kim N, Grom AA.

Upadacitinib improves patient-reported outcomes vs placebo or adalimumab in patients with rheumatoid arthritis: results from SELECT-COMPARE.

Publication: Rheumatology 2021 12. doi: 10.1093/rheumatology/keab158.

Authors: Strand V, Tundia N, Bergman M, Ostor A, Durez P, Song I, Enejosa J, Schlacher C, Song Y, Fleischmann R.

Assessment of EULAR Sjögren's Syndrome Disease Activity Index (ESSDAI) Domains in Routine Clinical Practice in an Integrated Delivery Network in the United States.

Abstract: American College of Rheumatology (ACR) Convergence 2021, Virtual November 3-11, 2021.

Authors: Ndife B, Pivneva I, Rossi C, Duna G, Lawrence M, Signorovitch J.

Benefit-Risk Analysis of Upadacitinib Compared with Adalimumab in the Treatment of Patients with Moderate-to-Severe Rheumatoid Arthritis.

Publication: Rheumatol Ther 2021 11. e-pub ahead of print 2021/11/25; doi: 10.1007/s40744-021-00399-5.

Authors: Conaghan P, Cohen S, Burmester G, Mysler E, Nash P, Tanaka Y, Rigby W, Patel J, Shaw T, Betts KA, Patel P, Liu J, Sun R, Fleischmann R.

Value of Remission in Patients with Rheumatoid Arthritis: A Targeted Review.

Publication: Adv Ther 2021 11. e-pub ahead of print 2021/11/18; doi: 10.1007/s12325-021-01946-w.

Authors: Ostor AJ, Sawant R, Qi CZ, Wu A, Nagy O, Betts KA.

Economic Benefit from Improvements in Quality of Life with Upadacitinib: Comparisons with Tofacitinib and Methotrexate in Patients with Rheumatoid Arthritis.

Publication: Adv Ther 2021 10. e-pub ahead of print 2021/10/13; doi: 10.1007/s12325-021-01930-4.

Authors: Bergman M, Tundia N, Yang M, Orvis E, Clewell J, Bensimon A.

Reasons for canakinumab initiation among patients with periodic fever syndromes: a retrospective medical chart review from the United States.

Publication: Pediatr Rheumatol Online J 2021 09; 19(1): 143. e-pub ahead of print 2021/09/16; doi: 10.1186/s12969-021-00605-2.

Authors: Hur P, Lomax KG, Ionescu-Iltu R, Manceur AM, Xie J, Cammarota J, Gautam R, Sanghera N, Kim N, Grom AA.

Higher Medication Adherence and Lower Opioid Use Among Individuals with Autoimmune Disease Enrolled in an Adalimumab Patient Support Program in the United States.

Publication: Rheumatol Ther 2021 06: 889-901.

Authors: Fendrick A, Macaulay D, Goldschmidt D, Liu H, Brixner D, Ali T, Mittal M.

Upadacitinib monotherapy improves patient-reported outcomes in rheumatoid arthritis: results from SELECT-EARLY and SELECT-MONOTHERAPY.

Publication: Rheumatology 2020 12. doi: 10.1093/rheumatology/keaa770.

Authors: Strand V, Tundia N, Wells A, Buch MH, Radominski SC, Camp HS, Friedman A, Suboticki JL, Dunlap K, Goldschmidt D, Bergman M.

A Matching-Adjusted Indirect Comparison of Upadacitinib Versus Tofacitinib in Adults with Moderate-to-Severe Rheumatoid Arthritis.

Publication: Rheumatol Ther 2020 11. e-pub ahead of print 2020/11/28; doi: 10.1007/s40744-020-00257-w.

Authors: Edwards CJ, Sawant R, Garg V, Du EX, Friedman A, Betts KA.

Economic Benefit From Improvements in Health-Related Quality of Life With Upadacitinib and Comparisons to Tofacitinib and Methotrexate in Patients With Moderately to Severely Active Rheumatoid Arthritis.

Abstract: European League Against Rheumatism (EULAR) Congress, Frankfurt, Germany June 3–6, 2020.

Authors: A. B, Yang M, Orvis E, Clewell J, Tundia N.

Comparative Efficacy of JAK Inhibitors for Moderate-To-Severe Rheumatoid Arthritis: A Network Meta-Analysis.

Publication: Adv Ther 2020 04. e-pub ahead of print 2020/04/17; doi: 10.1007/s12325-020-01303-3.

Authors: Pope J, Sawant R, Tundia N, Du EX, Qi CZ, Song Y, Tang P, Betts KA.

Grading and management of cytokine release syndrome in patients treated with tisagenlecleucel in the JULIET trial.

Publication: Blood Adv 2020 04; 4(7): 1432-1439. e-pub ahead of print 2020/04/10; doi: 10.1182/bloodadvances.2019001304.

Authors: Schuster SJ, Maziarz RT, Rusch ES, Li J, Signorovitch JE, Romanov VV, Locke FL, Maloney DG.

Edwards C, Sawant R, Du EX, Cammarota J, Tang P, Garg V, Friedman A, Betts K. A matching-adjusted indirect comparison (MAIC) of upadacitinib versus tofacitinib in csDMARD-IR patients with moderate to severe RA. In: *Rheumatology*, 2020.

Real-World Analysis of Treatment Switching among Patients Stable on Originator Infliximab (REMICADE®) Switching to an Infliximab Biosimilar or Remaining on Originator Infliximab.

Abstract: AMCP 2020, Houston, TX April 21-24, 2020.

Authors: Emond B, Lafeuille M, Lefebvre P.

Effects of upadacitinib on patient-reported outcomes: results from SELECT-BEYOND, a phase 3 randomized trial in patients with rheumatoid arthritis and inadequate responses to biologic disease-modifying antirheumatic drugs.

Publication: Arthritis Res Ther 2019 12; 21(1): 263. e-pub ahead of print 2019/12/04; doi: 10.1186/s13075-019-2059-8.

Authors: Strand V, Schiff M, Tundia N, Friedman A, Meerwein S, Pangan A, Ganguli A, Fuldeore M, Song Y, Pope J.

Upadacitinib improves patient-reported outcomes in patients with rheumatoid arthritis and inadequate response to conventional synthetic disease-modifying antirheumatic drugs: results from SELECT-NEXT.

Publication: Arthritis Res Ther 2019 12; 21(1): 272. e-pub ahead of print 2019/12/10; doi: 10.1186/s13075-019-2037-1.

Authors: Strand V, Pope J, Tundia N, Friedman A, Camp HS, Pangan A, Ganguli A, Fuldeore M, Goldschmidt D, Schiff M.

Reasons for Initiation of Canakinumab of Patients with Systemic Juvenile Idiopathic Arthritis: A Retrospective Medical Chart Review from the United States.

Abstract: 2019 ACR/ARP Annual Meeting, Atlanta, GA November 8–13, 2019.

Authors: Hur P, Ionescu-Iltu R, Manceur AM, Lomax KG, Cammarota J, Xie J, Sanghera N, Grom AA.

A Retrospective Medical Chart Review of Patients with Periodic Fever Syndromes Initiating Canakinumab in the United States.

Abstract: 2019 ACR/ARP Annual Meeting, Atlanta, GA November 8–13, 2019.

Authors: Hur P, Lomax KG, Ionescu-Iltu R, Manceur AM, J. X, Cammarota J, Sanghera N, Grom AA.

Predictors of High-cost Patients With Noninfectious Inflammatory Eye Diseases.

Publication: Clin Ther 2019 10. e-pub ahead of print 2019/10/15; doi: 10.1016/j.clinthera.2019.09.011.

Authors: Nelson WW, Rice JB, White AG, Johnson M, Reiff J, Lima AF, Bartels-Peculis L, Ciepiewska G, Albini TA.

Early Predictors of Sjogren's Syndrome: A Machine Learning Approach.

Abstract: ISPOR 24th Annual International Meeting, New Orleans, LA May 18-22, 2019.

Authors: Royer JS, J; Pivneva, I; Huber, W; Capkun, G.

Economic Burden of Switching to Different Biologic Therapies Among Tumor Necrosis Factor Inhibitor-Experienced Patients with Psoriatic Arthritis.

Publication: Rheumatol Ther 2019 05; 6(2): 285-297. e-pub ahead of print 2019/05/06; doi: 10.1007/s40744-019-0158-2.

Authors: Song Y, Betts KA, Lu Y, Singh R, Clewell J, Griffith J.

Comparison of real-world treatment outcomes with infliximab vs. vedolizumab in biologic-naive patients with inflammatory bowel disease.

Abstract: 14th Congress of ECCO - Inflammatory Bowel Diseases 2019, Copenhagen, Denmark Mar 6-9, 2019.

Authors: Latremouille-Viau D, Burne R, Shi S, Adsul S, Patel H.

Economic Burden of Illness Among Commercially Insured Patients with Systemic Sclerosis with Interstitial Lung Disease in the USA: A Claims Data Analysis.

Publication: Adv Ther 2019 03. e-pub ahead of print 2019/04/01; doi: 10.1007/s12325-019-00929-2.

Authors: Zhou Z, Fan Y, Thomason D, Tang W, Liu X, Zhou ZY, Macaulay D, Fischer A.

Economic Burden among Commercially Insured Patients with Systemic Sclerosis in the United States.

Publication: J Rheumatol 2019 02: jrheum.180445. e-pub ahead of print 2019/02/17; doi: 10.3899/jrheum.180445.

Authors: Zhou Z, Fan Y, Tang W, Liu X, Thomason D, Zhou ZY, Macaulay D, Fischer A.

Characteristics of Patients with Psoriatic Arthritis Receiving Secukinumab and Reasons for Initiation: A US Retrospective Medical Chart Review.

Publication: Rheumatol Ther 2019 01. e-pub ahead of print 2019/01/07; doi: 10.1007/s40744-018-0137-z.

Authors: Sunkureddi P, Latremouille-Viau D, Meiselbach MK, Xie J, Hur P, Joshi R.

Characterization of Patients with Ankylosing Spondylitis Receiving Secukinumab and Reasons for Initiating Treatment: A US Physician Survey and Retrospective Medical Chart Review.

Publication: Drugs Real World Outcomes 2019 01. e-pub ahead of print 2019/01/09; doi: 10.1007/s40801-018-0146-9.

Authors: Joshi R, Latremouille-Viau D, Meiselbach MK, Xie J, Park Y, Sunkureddi P.

Short-term costs associated with non-medical switching in autoimmune conditions.

Publication: Clin Exp Rheumatol 2019 01; 37(1): 97-105. e-pub ahead of print 2018/07/13.

Authors: Gibofsky A, Skup M, Yang M, Mittal M, Macaulay D, Ganguli A.

A systematic literature review to assess long-term outcomes associated with splenectomy in patients with chronic immune thrombocytopenia.

Abstract: 60th Annual Meeting of the American Society of Hematology, San Diego, CA Dec 1-4, 2018.

Authors: Nellesen D, Said Q, Shak N, Patton C, Lucas S, Graves JA, Nezami B, Cuker A.

Incidence of inflammatory bowel disease (IBD) among patients (PTS) with other chronic inflammatory diseases (CID) treated with interleukin-17A (IL-17A) or phosphodiesterase 4 (PDE4) inhibitors.

Abstract: ACR/ARHP Annual Meeting, Chicago, IL Oct 19-24, 2018.

Authors: Emond B, Ellis LA, Chakravarty SD, Ladouceur M, Lefebvre P.

Inflammatory bowel disease is associated with a substantial economic burden in patients with psoriatic arthritis and in patients with ankylosing spondylitis.

Abstract: ACR/ARHP Annual Meeting, Chicago, IL Oct 19-24, 2018.

Authors: Bergman MJ, Zueger P, Song J, Pivneva I, Betts KA, Joshi AD.

Healthcare resource use and cost associated with varying dosages of extended corticosteroid exposure in a US population.

Publication: J Med Econ 2018 09; 21(9): 846-852. e-pub ahead of print 2018/05/10; doi:

10.1080/13696998.2018.1474750.

Authors: Rice JB, White AG, Johnson M, Wagh A, Qin Y, Bartels-Peculis L, Ciepielewska G, Nelson WW.

Network meta-analysis of targeted immunomodulators in the treatment of psoriatic arthritis patients without prior biologic treatment.

Abstract: ACR/ARHP Annual Meeting, Chicago, IL Oct 19-24, 2018.

Authors: Strand V, Husni ME, Griffith J, Song Y, Singh R, Zhao J, Betts KA.

Upadacitinib monotherapy improves patient-reported outcomes in patients with rheumatoid arthritis and inadequate response to methotrexate.

Abstract: ACR/ARHP Annual Meeting, Chicago, IL Oct 19-24, 2018.

Authors: Strand V, Buch M, Tundia N, Camp HS, Suboticki J, Goldschmidt D, Wells AF.

Quantitative characterization of the relationship between levels of extended corticosteroid use and related adverse events in a US population.

Publication: Curr Med Res Opin 2018 08; 34(8): 1519-1527. e-pub ahead of print 2018/05/10; doi:

10.1080/03007995.2018.1474090.

Authors: Rice JB, White AG, Johnson M, Wagh A, Qin Y, Bartels-Peculis L, Ciepielewska G, Nelson WW.

Estimating the economic value of a patient support program in rheumatoid arthritis in the United Kingdom.

Abstract: Annual European Congress of Rheumatology, EULAR 2018, Amsterdam, Netherlands Jun 13-16, 2018.

Authors: Ostor A, Garg V, Yang M, Chamberlain C, Skup M.

Estimating the short-term costs associated with non-medical switching in rheumatic diseases.

Abstract: Annual European Congress of Rheumatology, EULAR 2018, Amsterdam, Netherlands Jun 13-16, 2018.

Authors: Gibofsky A, Garg V, Yang M, Qi CZ, Skup M.

Patient reported outcomes of upadacitinib: Results from biologic inadequate responders (select beyond phase iii trial).

Abstract: Annual European Congress of Rheumatology, EULAR 2018, Amsterdam, Netherlands Jun 13-16, 2018.

Authors: Strand V, Schiff M, Tundia N, Friedman A, Meerwein S, Pangan A, Ganguli A, Fuldeore M, Song Y, Pope J.

Upadacitinib improves patient-reported outcomes in patients with rheumatoid arthritis and inadequate response to conventional synthetic disease-modifying anti-rheumatic drugs: Results from selectnext.

Abstract: Annual European Congress of Rheumatology, EULAR 2018, Amsterdam, Netherlands Jun 13-16, 2018.

Authors: Strand V, Pope J, Tundia N, Friedman A, Camp HS, Pangan A, Ganguli A, Fuldeore M, Goldschmidt D, Schiff M.

Burden of Illness of Systemic Sclerosis with Interstitial Lung Disease among Commercially Insured Patients.

Abstract: American Thoracic Society International Conference, San Diego, CA May 19-23, 2018.

Authors: Zhou Z, Yu Y, Liu X, Tang W, Zhou Z, Thomason D, Macaulay D, Fischer A.

Burden of Work Instability in Patients with Rheumatoid Arthritis in US and Its Association with Work Productivity and Transitions.

Abstract: Academy of Managed Care & Specialty Pharmacy Annual Meeting, Boston, MA April 23-26, 2018.

Authors: Tundia N, Zhou J, Yang M, Macaulay D, JR C.

Economic Burden of Patients with Inadequate Response to Targeted Immunomodulators for Rheumatoid Arthritis.

Publication: J Manag Care Spec Pharm 2018 04; 24(4): 344-352. e-pub ahead of print 2018/03/27; doi: 10.18553/jmcp.2018.24.4.344.

Authors: Strand V, Tundia N, Song Y, Macaulay D, Fuldeore M.

Patterns of Immunosuppressive Therapy among Patients with Newly Diagnosed Systemic Sclerosis (SSc) and SSc-Associated Interstitial Lung Disease (SSc-ILD).

Abstract: AMCP's 30th Annual Meeting, Boston, MA Apr 23-26, 2018.

Authors: Thomason D, Yu Y, Zhou Z, Tang W, Liu X, Zhou Z, Macaulay D, Fischer A.

Burden of illness of systemic sclerosis among commercially insured patients.

Abstract: 5th Systemic Sclerosis World Congress, Bordeaux, France Feb 15-17, 2018.

Authors: Yu Y, Tang W, Liu X, Zhou Z, MacAulay D, Fischer A.

Economic burden of illness among commercially-insured patients with systemic sclerosis in the United States.

Abstract: Systemic Sclerosis World Congress, 5th Annual, Bordeaux, France February 15-17, 2018.

Authors: Zhou Z, Yu Y, Tang W, Liu X, Thomason D, Zhou Z, Macaulay D, Fischer A.

Network meta-analysis and cost per responder of targeted immunomodulators in the treatment of active psoriatic arthritis.

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Authors: Strand V, Elaine Husni M, Betts KA, Song Y, Singh R, Griffith J, Beppu M, Zhao J, Ganguli A.

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Endocrine/Metabolic/Diabetes

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Authors: Yang M, Chai X, Ye D, Zhao A, Moradi A, Guo A, Lotan Y.

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Authors: Wang A, Valderrama A, Wang T, Mattera M, Zhou Z-Y, Shih CS, Pintova S.

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Authors: Kaye DR, Khilfeh I, Muser E, Morrison L, Kinkead F, Lefebvre P, Pilon D, George D.

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Authors: Liu SV, Dasgupta A, Latremouille-Viau D, Rossi C, Rai P, Barlesi F, Leal TA.

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Authors: Bilen MA, Khilfeh I, Rossi C, Du S, Korsiak J, Rahman A, Lefebvre P, Pilon D, Shore N.

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Authors: Xie J, Diener M, De G, Yang H, Wu EQ, Namjoshi M.

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Authors: Guerin A, Conley AP, Sasane M, Gauthier G, Schwiep F, Keir CH, Wu EQ.

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Authors: Hawkins R, Wagstaff J, Nathan P, Sarda SP, Vekeman F, Korves C, Dasgupta S, O'Mara S, Fitton S, Hayers J, Tham C, Luka A, Wei R, Mykletun A, Neary MP, Duh MS.

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