Projects Using RISE Data

The following is a list of approved projects that are intended for publication. New requests should not conflict with any projects below that are in progress or were requested in the past 24 months.

PROJECT TITLE	REQUESTED DATE	STATUS
Bone health in gout patients in the ACR RISE registry	Dec. 2023	In Progress
RISE.AI	Aug. 2023	Approved
Machine learning models for improved diagnostics and response to treatment predictions in Arthritis	Aug. 2023	Approved
Utilization of Cancer-Related Immunotherapy Utilizing Real-world Data and Evaluation of Subsequent Adverse Events	Aug. 2023	Approved
Rehabilitation referral and utilization from rheumatology providers for adults with rheumatic disease	Jul. 2023	Approved
Thrombocytopenia in Patients with Systemic Lupus Erythematosus and Associated Factors	Apr. 2023	In Progress
Regional Variability in Psoriatic Arthritis Disease Characteristics, Area Deprivation Index, and Distance to Care in the United States: Examining Disparities in Patient Burden and Physician Care	Apr. 2023	In Progress
Gender differences in real world treatment trajectories and persistence among axial spondyloarthritis: a comprehensive assessment from the rheumatology informatics system for effectiveness (RISE) registry.	Mar. 2023	In Progress
Fracture Risk Assessment in Persons with Rheumatoid Arthritis	May 2022	In Progress
[The Epidemiology of Fractures among Older Adults with Ankylosing Spondylitis in the U.S.](#)	Jan. 2022	Completed
[Contraception Documentation Patterns for Adult Females with Juvenile Idiopathic Arthritis on Teratogenic Medications in the Rheumatology Informatics System for Effectiveness (RISE) Registry](#)	Dec. 2021	Completed
[Treatment of Polymyalgia Rheumatica by Rheumatology Providers: Results from the ACR Rheumatology Informatics System for Effectiveness Registry](#)	Dec. 2021	Completed

Title	Date	Status
Comparative efficacy of drugs used in the treatment of lupus nephritis	Dec. 2021	In Progress
Reliability of Medication Information Derived from EHR Data Compared to Insurance Claims: An Analysis of Biologic Medications in RISE and Medicare	Nov. 2021	Completed
Evaluation of pegloticase therapy and health outcomes in uncontrolled gout patients	Oct. 2021	Completed
Natural Language Processing Tool for Extraction of Patient-Reported Outcomes from a National Multi-Electronic Health Records Registry	Aug. 2021	Completed
Effectiveness of TNFi versus Non-TNFi Biologics on Disease Activity in Obese Patients with Rheumatoid Arthritis: Data from the ACR's RISE Registry	Aug. 2021	Completed
Identifying characteristics of the uveitis patients using the Rheumatology Informatics for effectiveness (RISE) registry	Mar. 2021	Approved
Achievement of Target Serum Uric Acid Among Gout Patients Treated with Long-term Urate Lowering Therapy in the ACR's Rheumatology Informatics System for Effectiveness (RISE) Registry	Mar. 2021	Completed
Biomarker-Defined Precision Medicine In Seropositive Rheumatoid Arthritis	Nov. 2020	Completed
Older Patients with Rheumatic Disease Are Commonly Prescribed Potentially Inappropriate Medications	Oct. 2020	Completed
Effectiveness and Safety of Pegloticase with Concomitant Immunomodulatory Therapy	Oct. 2020	Completed
Healthcare Utilization across TNF and/or JAK Inhibitors	July 2020	Completed
Understanding and Categorizing PsA Patient Subtypes in RISE Data	July 2020	Completed
Using Rheumatoid Arthritis Communication Tool Developed by the RISE Learning Collaborative to Promote Shared Decision-Making	Apr. 2020	Completed
Workflows for Collecting and Using Patient-reported Outcomes Across Rheumatology Practices	Apr. 2020	Completed
Variation in Quality of Care Among Patient Sociodemographic Groups in RISE Practices	Apr. 2020	Completed
Real World Validation of a Rule to Predict Response to Sarilumab in Patients with Rheumatoid Arthritis: Analysis from the RISE Registry	Apr. 2020	Completed
Epidemiology and treatment of Behçet's disease in the USA: insights from the Rheumatology Informatics System for Effectiveness (RISE) Registry with a comparison with other published cohorts from endemic regions	Apr. 2020	Completed

[The Frequency of Contraception Documentation in Women with Lupus and Rheumatoid Arthritis Within the RISE Registry](#)	Apr. 2020	In Progress
[The Relationship Between Electronic Health Record System and Performance on Quality Measures in the American College of Rheumatology's Rheumatology Informatics System for Effectiveness (RISE) Registry: Observational Study](#)	Apr. 2020	Completed
[Effects of the SARS-CoV-2 global pandemic on U.S. rheumatology outpatient care delivery and use of telemedicine: an analysis of data from the RISE registry](#)	Apr. 2020	Completed
Characterization of Chronic Pain and its Biopsychosocial Mechanisms in Lupus using Electronic Health Records	Mar. 2020	Approved
[Osteoporosis Medication Utilization Patterns over Time in the ACR RISE Registry](#)	Nov. 2019	Completed
[The ACR's Rheumatology Informatics System for Effectiveness (RISE) Registry Supports Small Rheumatology Practices for Federal Quality Reporting Program](#)	Nov. 2019	Completed
[The Frequency of Contraception Documentation in Women On and Off Teratogenic Anti-Rheumatic Medications in the RISE Registry](#)	Nov. 2019	Completed
[Improvement in disease activity among patients with rheumatoid arthritis who switched from intravenous infliximab to intravenous golimumab in the ACR RISE registry](#)	Sept. 2019	Completed
Opioid Use and Toxicity Among Patients with Rheumatic Disease, a National Investigation	May 2019	Approved
[Identifying Comorbidities and Seropositivity in Rheumatoid Arthritis Patients Using Single-specialty Electronic Health Record Data](#)	May 2019	Completed
[Gaps in Care for Patients with SLE: Data from the ACR's RISE Registry](#)	Apr. 2019	Completed
Disease Activity in RA patients on TNF-Inhibitor (TNFi) Therapy: A Retrospective Cohort Analysis of the RISE Registry	Apr. 2019	Completed
[Characteristics of Patients with Systemic Sclerosis in the Rheumatology Informatics System for Effectiveness (RISE) Registry](#)	Mar. 2019	Completed
[Patterns of Newer Gout Medication Use in a U.S. Electronic Health Record-Based Registry](#)	Mar. 2019	Completed
[Treatment of Sarcoidosis in U.S. Rheumatology Practices: Data from ACR's Rheumatology Informatics System for Effectiveness (RISE) Registry](#)	Mar. 2019	Completed
[Pre-treatment Screening for Hepatitis B and C Among Users of Biologics or New Synthetic Disease Modifying Drugs: An Analysis Using RISE Data](#)	Feb. 2019	Completed

The ACR's Rheumatology Informatics System for Effectiveness (RISE) Demonstrates Improvements in Many Measures of Quality of Care between 2016 and 2017	Jan. 2019	Completed
Comparative Efficacy and Personalized Treatment Optimization in Rheumatoid Arthritis	Jan. 2019	In Progress
Variability in Biologic Prescription Patterns for Rheumatoid Arthritis Patients in the American College of Rheumatology Informatics System for Effectiveness (RISE) Registry	Jan. 2019	Completed
Significant Gains in Rheumatoid Arthritis Quality Measures Among RISE Registry Practices	Jan. 2019	Completed
The Distribution of Social Deprivation, Distance to Care and Disease Burden in Rheumatoid Arthritis Patients in the United States	Dec. 2018	Completed
Examining Hydroxychloroquine Dosing in a Large, Population-Based Sample of Individuals with Rheumatic Disease	Oct. 2018	Completed
A retrospective analysis of corticosteroid use amongst Benlysta-treated Systemic Lupus Erythematosus (SLE) patients in RISE	May 2018	Completed
Examining the Effect of Immunosuppressants on Risk of Infection in a Large, Population-Based Sample of Individuals with Rheumatic Disease	Apr. 2018	In Progress
ANCA-Associated Vasculitis Management in the United States: Data from the Rheumatology Informatics System for Effectiveness (RISE) Registry	Mar. 2018	Completed
Disease Activity and Its Measurement in Patients with RA across the U.S.: Data from the Rheumatology Informatics System for Effectiveness (RISE) Registry	Mar. 2018	Completed
Patterns of Tumor Necrosis Factor Inhibitor (TNFi) Biosimilar Use Across United States Rheumatology Practices	Mar. 2018	Completed
Practice Variation in Prescriptions of Non-TNFi Biologics and Tofacitinib: Data from the Rheumatology Informatics System for Effectiveness (RISE) Registry	Mar. 2018	Completed
Rheumatologists Participating in the RISE Registry Succeeded in the First Year of the Merit-Based Incentive Payment System (MIPS)	Mar. 2018	Completed
Treatment Patterns and Clinical Outcomes of PsA patients in RISE	Jan. 2018	Completed
Treatment Response to Biologic DMARDs in Patients with RA: A Retrospective Analysis of the RISE Registry	Sep. 2017	Completed
Utilization of TNFi Monotherapy after Use of Combination Therapy	Aug. 2017	Completed
Evaluation of the Effect of Diabetes on Rheumatoid Arthritis–related Outcomes in an Electronic Health Record–based Rheumatology Registry	May 2017	Completed
Large Variations in Tuberculosis Testing for New Biologic Users with Rheumatoid Arthritis Among Providers in the RISE Registry	May 2017	Completed

Do Patients With Moderate or High Disease Activity Escalate Rheumatoid Arthritis Therapy According to Treat-to-Target Principles? Results From the Rheumatology Informatics System for Effectiveness Registry of the American College of Rheumatology	May 2017	Completed
Influence of Multimorbidity on New Treatment Initiation and Achieving Target Disease Activity Thresholds in Active Rheumatoid Arthritis: A Cohort Study Using the Rheumatology Informatics System for Effectiveness (RISE) Registry	Apr. 2017	Completed
Analysis of Provider-to-Provider Variability in the Use of Biologics: Data from the Rheumatology Informatics System for Effectiveness Registry	Mar. 2017	Completed
Performance on Quality Measures in the RISE Registry and the Merit-Based Incentive Payment System (MIPS)	Feb. 2017	Completed
Socioeconomic Disparities in Functional Status Among RA Patients: A Longitudinal Analysis Using RISE Data	Feb. 2017	Completed
Practice-level Variation in Quality of Care in the ACR's RISE Registry	May 2016	Completed
Identifying and Characterizing Patients with SLE and UCTD in the RISE Registry	May 2016	Completed
Rheumatology Informatics System for Effectiveness: A National Informatics-Enabled Registry for Quality Improvement	May 2015	Completed