

Singh, Jasvinder MD, MPH



Dated Feb 24, 2022

## CURRICULUM VITAE

Date: October 25, 2021

### PERSONAL INFORMATION:

Name: Jasvinder A. Singh, MD, MPH  
Citizenship: U.S.A.  
Home Address: 2605 Cobble Hill Way, Vestavia, AL 35216  
Phone: 205-504-9559

### RANK/TITLE:

Departments: Endowed Professor, Musculoskeletal Outcomes Research  
Professor of Medicine and Epidemiology with Tenure  
Staff Physician, Birmingham VA Medical Center

Business Address: University of Alabama at Birmingham  
Faculty Office Tower 805B  
510 20th Street South  
Birmingham, AL 35294

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### HOSPITAL AND OTHER (NON ACADEMIC) APPOINTMENTS:

2009-present	Staff Physician University of Alabama Hospital and University of Alabama Health Services Foundation
2009-present	Staff Physician, Medical Service - Rheumatology Veterans Affairs (VA) Medical Center, Birmingham, Alabama
2009-present	Staff Physician UAB Highlands Hospital, Birmingham, Alabama
2009-2012	Staff Physician Cooper Green Mercy Hospital, Birmingham, Alabama
2001- 2009	Staff Physician, Medical Service - Rheumatology Veterans Affairs (VA) Medical Center, Minneapolis, Minnesota

### EDUCATION:

Singh, Jasvinder MD, MPH

2001-2003            Master of Public Health (Epidemiology)  
University of Minnesota, Minneapolis, MN

1988-1993           Bachelor of Medicine and Bachelor of Surgery (M.B.B.S.)  
University College of Medical Sciences, New Delhi, India

**ADDITIONAL CAREER DEVELOPMENT:**

2016                    2016 AAIM Executive Leadership Program  
Alliance for Academic Internal Medicine (AAIM); 8/1/2016-8/6/2016; Cambridge, MA

**POSTDOCTORAL TRAINING:**

1998-2001            Rheumatology Fellowship, Division of Rheumatology and Immunology  
Washington University School of Medicine, St. Louis, Missouri

1995-1998            Internship and Residency, Internal Medicine  
State University of New York (SUNY), Syracuse, New York

1994                    Residency, Department of Psychiatry (Drug Dependence Treatment Center)  
All India Institute of Medical Sciences (AIIMS), New Delhi, India

**ACADEMIC APPOINTMENTS:**

2016-                    Endowed Professor, Musculoskeletal Outcomes Research  
Department of Medicine, University of Alabama at Birmingham, Birmingham, Alabama

2016-                    Senior Scientist (C), School of Health Professions  
Nutrition Obesity Res Center (NORC), University of Alabama at Birmingham

2015-                    Senior Scientist (C), School of Medicine  
Comprehensive Arthritis, Musculoskeletal, Bone and Autoimmunity Center (CAMBAC),  
University of Alabama at Birmingham

2015-                    Professor, Department of Epidemiology  
University of Alabama at Birmingham, Birmingham, Alabama

2014-                    Professor with Tenure, Department of Medicine  
University of Alabama at Birmingham, Birmingham, Alabama

2014-                    Director, Gout clinic  
University of Alabama Health Services Foundation (UAHSF)

2014-                    Senior Scientist (C), School of Medicine  
Center for Exercise Medicine, University of Alabama at Birmingham

2014-                    Associate Scientist (C), School of Medicine  
Minority Health & Research Center, University of Alabama at Birmingham

2013 - 2014            Associate Professor with Tenure, Department of Medicine

Singh, Jasvinder MD, MPH

University of Alabama at Birmingham, Birmingham, Alabama

2012-

Director, Rheumatology Research  
Birmingham VA Medical Center, Birmingham, Alabama

2009 - 2015

Scientist (C), School of Medicine  
Arthritis & Musculoskeletal Diseases Center, University of Alabama at Birmingham

2009-

Scientist (C), School of Medicine  
Center for Outcomes and Effectiveness Research and Education (COERE),  
University of Alabama at Birmingham

2009 - 2013

Associate Professor, Department of Medicine  
University of Alabama at Birmingham, Birmingham, Alabama

2009 - 2013

Associate Professor, Department of Epidemiology  
University of Alabama at Birmingham, Birmingham, Alabama

2009 - 2016

Research Collaborator, Department of Orthopedic Surgery  
Mayo Clinic College of Medicine, Rochester, Minnesota

2007- 2009

Visiting Scientist, Department of Orthopedic Surgery  
Mayo Clinic College of Medicine, Rochester, Minnesota

2006 - 2009

Visiting Scientist, Department of Health Sciences,  
Mayo Clinic College of Medicine, Rochester, Minnesota

2008 - 2009

Associate Professor, Department of Medicine  
University of Minnesota, Minneapolis, Minnesota

2001 - 2008

Assistant Professor, Department of Medicine  
University of Minnesota, Minneapolis, Minnesota

**BOARD CERTIFICATION:**

Board Recertification in Rheumatology

2011 - 2021

Board Certification in Rheumatology

2000 - 2010

Board Certification Internal Medicine

1998 - 2008

**AWARDS / HONORS:**

2021

2021 Duncan A. Gordon Award

Recognizes highly influential research articles published in *The Journal* based on their impact, originality, and potential to advance treatment and alter clinical practice

“Rates of Total Joint Replacement in the United States: Future Projections to 2020–2040 Using the National Inpatient Sample.”

2021

ExpertScape "World Expert" recognition

Singh, Jasvinder MD, MPH

“Expertscape's PubMed-based algorithms place you in the top 0.1% of scholars writing about Patient Acceptance of Health Care over the past 10 years, a level we label as "World Expert.": Wednesday, September 15, 2021 (New York time): As part of Take a Loved One to the Doctor Day (Sep 15, 2021), we congratulate Dr. Jasvinder A Singh of the University of Alabama Birmingham – Recognized as an Expertscape World Expert in Patient Acceptance of Health Care.”  
<https://expertscape.com/ex/patient+acceptance+of+health+care>

- 2018 Arthritis Foundation's Lee C. Howley, Sr. award  
Arthritis Foundation award recognizing scientists who bridge research accomplishment with volunteer commitment to the Foundation's patient community
- 2018 Highly cited researchers 2018  
Recognizes world-class researchers selected for their exceptional research performance, demonstrated by production of multiple highly cited papers that rank in the top 1% by citations for field and year in Web of Science  
(<https://hcr.clarivate.com/#freeText%3Dsingh%20Jasvinder>)
- 2018 Visiting Professor  
Department of Orthopedic Surgery, University of Melbourne, Melbourne, Australia
- 2017 Max Cooper Award for Research Excellence  
Department of Medicine, University of Alabama at Birmingham (UAB)
- 2016 Endowed Professor, Musculoskeletal Outcomes Research  
UAB Division of Clinical Immunology and Rheumatology
- 2016 Henry Kunkel Young Investigator Award  
American College of Rheumatology (ACR) (awarded to young physician scientist, age 45 or younger, who has made outstanding and promising independent contributions to basic or clinical research in the field of rheumatology)
- 2013 UAB Research Supplement Award for the 3<sup>rd</sup> rank at the Associate Professor level
- 2011-now Selected by his peers for inclusion in Best Doctors in America® from 2011 to now
- 2011 Travel Bursary from the European League Against Rheumatism (EULAR) to present abstracts at 2011 meeting, Berlin, Germany
- 2009 K award grant for the 2009 Combined Annual Meeting of Central Society for Clinical Research (CSCR), April 23-24, 2009, Chicago, IL
- 2008 K award grant for the 2009 Combined Annual Meeting of Central Society for Clinical Research (CSCR), April 23-24, 2009, Chicago, IL
- 2007 Travel Bursary from the Arthritis Foundation to present abstract at the 2007 Biennial Arthritis Research Conference meeting in Stone Mountain, Georgia
- 2004-2007 Selected Clinical Scholar, Minneapolis Center for Epidemiological and Clinical Research (CECR), Minneapolis VA Medical Center, Minneapolis, MN
- 2006 Travel Bursary from the European League Against Rheumatism (EULAR) to present abstracts at 2006 meeting, Amsterdam, Netherlands

Singh, Jasvinder MD, MPH

- 2005 Best Paper, Indian Rheumatology Association (IRA) Annual Meeting, Hyderabad, India December 1-4, 2005
- 2001 Travel Bursary from the Arthritis Foundation to present abstract at the 2001 Biennial Arthritis Research Conference meeting in San Diego, California
- 2001 American College of Rheumatology (ACR) Rheumatology fellow award
- 1991 3rd highest grade in second professional examination, Medical School training
- 1991 Honors in Pharmacology during Medical School training

### NOVELTY IN RESEARCH

- 2011 First Cochrane Journal Club
- 2011 First Network Meta-analysis in the Cochrane Library
- 2011 Second Cochrane Overview in the Cochrane Library
- 2009 First Cochrane Overview in the Cochrane Library

### Major International publications Citing our published work

- 2021 2021 ESC Guidelines on cardiovascular disease prevention in clinical practice 2021
- 2019 Heart Disease and Stroke Statistics—2019 Update: A Report From the American Heart Association
- 2017 Heart Disease and Stroke Statistics—2017 Update: A Report From the American Heart Association
- 2015 Arthritis by Numbers: Arthritis Foundation
- 2016 National Clinical Guideline for Stroke: Stroke Working Party, NICE, UK

### GRANT SUPPORT

#### Current Research Support

CER-2020C1-19193 (Singh, PI) 05/01/21 – 4/30/25 3.0 Calendar  
Patient Centered Outcomes Research Institute (PCORI) \$7,026,896 Total Costs  
**A Real-World Comparative Effectiveness Trial of Treatment Strategies in Patients with Rheumatoid Arthritis: The RA-PRO PRagmatic trial (RA-PROPR)**

The goal of this project is to conduct a real-world pragmatic trial comparing the two most commonly used drug classes for the treatment of rheumatoid arthritis, with regards to their effect on patient-reported outcomes, including function, sleep, fatigue, treatment satisfaction and work productivity.

Role: PI

SDM-2017C2-8224-Supplement2 (Singh, PI) 08/15/21 – 12/14/22 0.6 Calendar  
Patient Centered Outcomes Research Institute (PCORI) D&I \$200,000 Total Costs

Singh, Jasvinder MD, MPH

**Cost Supplement: Estimate Costs of Implementing Lupus Decision-Aid Successfully in clinics**

The cost of incorporating the lupus DA into practice workflow may be a barrier to adoption. We will measure these costs (site-based and non-site based costs) as well as between-clinic variation in cost. Understanding these costs and their variation will help us understand the extent to which cost may be a barrier to future dissemination. Our work may also identify implementation strategies that minimize these costs.

SDM-2017C2-8224-Supplement (Singh, PI) 07/15/20 – 12/14/22 4.8 Calendar  
Patient Centered Outcomes Research Institute (PCORI) D&I \$500,000 Total Costs

**Modifications to Implement Lupus Decision-Aid Successfully in COVID-19 Era**

This COVID-19 supplement will develop and implement study procedures/materials to improve ongoing implementation strategies for lupus decision-aid to deliver a lupus decision-aid for immunosuppressive medication decision-making to lupus patients during regular clinical care visits and virtually at-home during the COVID-19 pandemic at 15 centers across the U.S.

SDM-2017C2-8224 (Singh, PI) 12/15/18 – 12/14/21 4.8 Calendar  
Patient Centered Outcomes Research Institute (PCORI) D&I \$2,390,124 Total Costs

**Implementation of DEcision-Aid for Lupus in Practice Settings for Shared Decision-Making (SDM): IDEAL study**

This Quality Improvement Implementation study will be a trial of various implementation strategies to deliver a lupus decision-aid for immunosuppressive medication decision-making to lupus patients during regular clinical care visits at 15 centers across the U.S.

Role: PI

P50 AR060772 (Saag, PD/PI) 09/20/17 – 08/31/22 1.8 Calendar  
NIH/NIAMS \$6,523,567 Total Direct Costs

**Investigations in Gout, Hyperuricemia, and ComorbidiTies (INSIGHT) Center of Research Translation (CORT) – Project 4: Protecting Renal functiOn with Urate-lowering Drugs (PROUD) (Singh, Project Lead)**

Our INSIGHT CORT includes 4 research projects and an Administrative Core focused on the theme, “Gout, Hyperuricemia, and Associated Comorbidities”. Project 4 will investigate the mechanism of urate lowering therapy on renal function within the soon to begin comparative study of gout therapies (VA STOP-GOUT).

Role: PI, Project 4

P50 AR060772 (Saag, PD/PI) 09/20/17 – 08/31/22 0.24 Calendar  
NIH/NIAMS \$6,523,567 Total Direct Costs

**Investigations in Gout, Hyperuricemia, and ComorbidiTies (INSIGHT) Center of Research Translation (CORT) - Administrative Core (Saag, Core Director)**

Our INSIGHT CORT includes 4 research projects and an Administrative Core focused on the theme, “Gout, Hyperuricemia, and Associated Comorbidities”.

Role: Executive Committee Member

P30 Supplement (Gilkeson, PI) 09/01/19 – 08/31/21 0.6 Calendar  
MUSC/NIH \$158,336

**Improving Minority Health in Rheumatic Diseases**

This 2-site study will examine the role of a patient navigator in improving clinic follow-up and outcomes in people with lupus who either miss clinic appointments or are non-adherent to their immunosuppressive medications for the treatment of lupus. This is a supplement to *P30 AR072582 CCCR in Improving Minority Health in Rheumatic Diseases: Improving Minority Health in Rheumatic Disease (I aM HeaRD)*.

Role: Co-Investigator, Site PI

1 I01 13-314 (Singh, PI) 09/01/16 – 08/31/20 (NCE- 09/30/2021)  
VA Health Services Research Development Merit Review Grant \$1,100,000 Total Direct Costs

**SToRytelling to Improve DiseasE outcomes in GOut: The STRIDE-GO2 study**

Singh, Jasvinder MD, MPH

This study will conduct an RCT a narrative communication targeting minorities as an intervention to improve adherence to treatment of gout in African-American veterans.

Role: PI

1 I01 RX002745-01 (Singh, PI)

01/01/2019- 01/03/2022

1 I01 RX002745-01-CIPHER Supplement

Department of Veterans Affairs Million Veteran Program (MVP)

**Genetics of Osteoarthritis and Joint Replacement Recovery: Key to Precision Rehabilitation**

The goal of this project to harness the large sample size of the MVP to genetic variants associated with osteoarthritis, joint replacement and recovery post-joint replacement. As part of our recently awarded VA Centralized Interactive Phenomics Resource (CIPHER) supplement, scope has expanded to generating and validating via chart review metadata data elements curated the Electronic Health Record (EHR) as well as partnership with CIPHER as subject matter experts.

Role: PI

**Pending**

**K23 AR077628 (Riggs)**

07/01/2021- 06/30/2025

Mentor

NIAMS

\$628,462 requested

**Improving Total Joint Replacement Outcomes through Preoperative Opioid Taper**

Chronic preoperative opioid use is associated with worse surgical outcomes in total joint replacement surgery. Tapering opioids preoperatively holds potential to improve outcomes for these patients, but high-quality evidence of efficacy is lacking, and the best approach to taper opioids in this setting is not known. This application will support an early-career investigator to develop and begin testing a preoperative opioid tapering intervention, which has the long-term potential to improve care in these very common operations.

Role: Co-Primary Mentor.

No Number (Singh)

10/01/2021- 09/30/2022

1.8 Calendar

VA GRECC grant through CARED act

\$ 250,546

**COVID-19 era Care for Autoimmune Rheumatic Diseases (CARED) in Older Veterans by using Appropriate form of Telemedicine**

In this 3-site (Birmingham, Seattle and Pittsburgh) clinical quality improvement initiative, we will develop and implement algorithms for the most optimal type of outpatient follow-up visit (in-person; phone; video visit) for people with autoimmune rheumatic conditions on disease-modifying/immunosuppressive medications or biologic during COVID-19. Goals will be to have a higher patient satisfaction, lower disease activity and fewer disease flares.

No Number (Singh)

10/01/2021- 09/30/2022

1.8 Calendar

VA GRECC grant through CARED act

\$ \$216,026

**Improving Medication Management with Nurse/Pharmacist-led telemedicine program for Older Veterans with Gout (G-IMPROVE) during COVID-19**

In this 2-site (Birmingham, Seattle) clinical quality improvement initiative, we will adapt the successful UK nurse-led care model for gout management to the VA system. Goals will be to have a high proportion with low serum urate and higher patient satisfaction and fewer gout flares.

U01 13933849 (Singh)

12/01/2021- 11/30/2026

4.8 Calendar

NIAMS

\$2,800,000 requested

**Gout Cherry Extract Internet Study (GOUCH)**

Patients with gout frequently use cherry products including cherry extract to treat their gout, as an adjunctive therapy, in the absence of evidence for its efficacy. Urate-lowering therapies are effective in treatment of gout, but options are limited. Recent studies provided indication of efficacy of gout. This Internet trial will assess the efficacy and safety of cherry extract in a placebo-controlled in people with gout living in the U.S. over a 16-month study period.

Singh, Jasvinder MD, MPH

**Completed Research Support**

R01 HD084124 (Bamman & Bridges, MPI) 04/15/15 – 02/28/20  
NIH/NICHD \$377,952 Annual Direct Costs  
Overcoming TWEAK Signaling to Fully Restore Muscle Mass and Mobility Function after Total Joint Arthroplasty  
The long-term goal of this grant is to examine whether progressive resistance exercise training plus adjunctive functional mobility training after THA/TKA will more effectively restore muscle mass and mobility function to healthy standards than usual care.  
Role: Co-Investigator

U01 AG018947 (Lewis, PI) 04/01/15 – 03/31/20  
NIH/NIA \$1,560,951 Annual Direct Costs  
Multicenter Osteoarthritis Study (MOST) Second Renewal  
This study will examine mechanical risk factors, knee symptom causes & long term disease trajectory in the MOST study participants, an established cohort of patients with or at risk of knee osteoarthritis.  
Role: Co-Investigator

Clinical Trial Studies 10/01/16 – 12/12/18 0.24 Calendar  
Industry Sponsored  
The cyclic and unpredictable nature of clinical trial activities makes it impossible to assign a precise percent effort for each trial. Dr. Singh has reviewed his clinical study obligations and confirms that the aggregate effort on all trials listed below does not exceed 0.24 Calendar month

Swedish Orphan Biovitrum 10/01/16 - 09/30/18  
A Randomized, Double-Blind, Active-Control, Multicenter, Efficacy and Safety Study of 2 Dose Levels of Subcutaneous Anakinra Compared to Intramuscular Triamcinolone in the Treatment of Acute Gouty Arthritis, Followed by a One-Year Extension

Ampel Biosolutions 10/19/16 - 10/18/18  
Tolerization Reduces Intolerance to Pegloticase and Prolongs the Urate Lowering Effect (TRIPLE)

Biomet Biologics (Singh) 12/13/16 – 12/12/18  
A Multicenter, Double-Blind, Randomized, Saline-Controlled Study of a Single, Intra-Articular Injection of Autologous Protein Solution in Patients with Knee Osteoarthritis

CE-1304-6631 (Singh) 01/01/14 - 03/31/17 2.4 Calendar  
Patient-Centered Outcomes Research Institute (PCORI) \$1,484,889 Total Costs

**Assessment of Prevention, Diagnosis, and Treatment Options PFA**  
Individualized Patient Decision Making for Treatment Choices among Minorities with Lupus  
This study will develop and test the efficacy of a decision aid for African-American and Hispanic women with lupus.  
Role: PI

CIHR- RN 334364 (Wells) 01/10/2014 – 09/30/2015 2.4 Calendar  
Canadian Institutes of Health Research (Ottawa) \$175,292 total Costs

**Pharmacological Treatments for Rheumatoid Arthritis and Inflammatory Bowel Disease: A Network Meta-Analysis**  
This study was to perform a systemic review and a network meta-analysis of therapies for rheumatoid and inflammatory bowel disease.  
Role: co-PI

P50 AR060772 (Saag and Bridges) 09/01/12 – 08/31/18 3.0 Calendar  
NIAMS NCE

**Gout and Hyperuricemia Center for Research and Translation (CoRT) Administrative Core; Project 3**  
This center includes four projects focused on gout and hyperuricemia. One study proposed to examine innovative technology to use VA databases to study factors associated with optimal treatment of gout and



Singh, Jasvinder MD, MPH

genetic, dietary and clinical correlates of optimal dose of allopurinol needed to achieve target serum urate in individual patient.

Role: Project PI & Associate Director

U19 HS021110 (Saag) 10/01/11 - 09/30/16 2.4 Calendar  
AHRQ \$154,911 Annual Direct Costs

**UAB Deep South Arthritis and Musculoskeletal CERTs Project 1: Comparative Effectiveness of NSAIDs versus Narcotics after Joint Replacement Surgery**

The long-term goal of this grant is to sustain a center for education and research on therapeutic of musculoskeletal disorders.

Role: Project PI & Co-Investigator

R21 (Ghomrawi) 07/01/16 – 06/30/18 1.2 Calendar  
NIH/DHHS/Cornell University \$10,248 Total Direct Costs

**Underuse and Overuse of Knee Arthroplasty among Osteoarthritis Patients in the US**

This study examined the prevalence of underuse and overuse of knee arthroplasty using the data from the MOST and OAI observational cohort studies.

Role: Co-Investigator

UAB COERE/MHRC pilot grant (Singh) 07/01/14-06/30/17 3.0 Calendar  
COERE/MHRC \$50,000 Total Costs

**An Internet pilot study Pragmatic, Internet Effectiveness Gout Study of Diet & Cherry Extract**

This planning grant will develop tools for a future gout Internet study assessing cherry extract in the treatment of gout.

U01 AG018947 (Lewis) 01/01/01 - 12/31/15 0.6 Calendar  
NIA \$700,303 Total Direct Costs

**Multicenter Osteoarthritis Study (MOST)**

New questions have developed representing 3 investigative themes (mechanical risk factors, knee symptom causes & long term disease trajectory) for this established cohort. The risk factor focus affects knees on the basis of loading and reflects MOST investigators view that OA is a mechanically driven disease. These risk factors are likely to be both strongly associated with disease risk and modifiable. A pain sensitivity investigation seeks to better understand the neurological mechanisms that sustain or magnify OA symptoms. Knee buckling, another knee OA symptom, whose frequency and impact have only recently been described and its association with falls and fractures in older adults is unknown. Finally, taking advantage of 2 grant cycles on functional loss and repeated MRI's will help address the long term trajectory of this chronic disease.

Role: Co-Investigator

U10 CA 149950 (Sloan) 08/03/11-05/31/16 1.8 Calendar  
NIH/National Cancer Institute \$862,388 Total Direct Costs

**ACOSOG Community Clinical Oncology program (CCOP) Research Base**

The purpose of this project is to incorporate patient-reported outcomes into the cancer clinical trials research program and eventually into clinical practice.

Role: Co-Investigator

VA Merit Review Pilot (Singh) 08/01/14-07/30/16 25% of VA effort  
VA HSR&D PPO 14-111 \$100,000 Total Direct Costs

VA Health Services Research Development Merit Review Grant

**SToRytelling to Improve Disease outcomes in GOut: The STRIDE-GO study**

This study proposed to develop a narrative communication targeting minorities as an intervention to improve adherence to treatment of gout in African-American veterans.

Role: PI

Singh, Jasvinder MD, MPH

Research Grant (Singh) 09/01/14-09/30/15 0.5 Calendar  
American College of Rheumatology (ACR) \$7,500 Total Costs  
**ACR Gout Measure Testing**  
This study will test the measures for Gout developed by the ACR.  
Role: PI

Research Grant (Singh) 09/01/13-09/30/15 0.6 Calendar  
American College of Rheumatology (ACR) \$80,408 Total Costs  
**2015 ACR recommendations for treatment of Rheumatoid Arthritis (RA)**  
This will lead to the 2015 ACR recommendations for the management of RA.  
Role: PI

VA Cooperative Study (Singh and Goode) 03/01/11-09/30/14 10% of VA effort  
VA Cooperative Studies Program CSP #G002  
**Million Veterans Program (MVP): A Partnership with Veterans**  
MVP is a major initiative in genetic epidemiology that will collect serum and DNA samples from 1,000,000 veterans across the country and with the ability to link to clinical data within the VA's nationwide electronic medical record.  
Role: Site co-PI with Dr. Goode

No Number (Singh) 01/01/13-03/31/14 0.5 Calendar  
American College of Rheumatology (ACR) \$7,500 Total Costs  
**ACR RA Measure Testing**  
This study tested the measures for rheumatoid arthritis developed by the ACR.  
Role: PI

R01 AG 028359 (Lewis) 09/30/06 – 06/30/12 1.2 Calendar  
NIH/NIA \$251,217 Total Direct Costs  
**Inflammation and Knee Osteoarthritis**  
The study examined the cartilage loss and knee pain relation with three inflammation type (2 systemic, 1 articular) measures. The systemic types are: active inflammation blood measures (CRP, primary measure) and genetic polymorphisms of inflammatory markers. The articular measure is synovial thickening (by knee MRI). The cross sectional study focus will be the 30-month visit (gadolinium contrast available), and baseline to 30-months longitudinal analysis changes.  
Role: Co-Investigator

U18 HS 016956 (Saag) 09/01/07–08/31/12 1.5 Calendar  
AHRQ \$736,925 Total Direct Costs  
**Deep South Musculoskeletal CERTS (DSM)**  
The long-term goal of this grant was to sustain a center for education and research on therapeutic of musculoskeletal disorders.  
Role: Co-Investigator

Investigator-Initiated Research Grant (Singh) 07/01/10-03/30/12 0.6 Calendar  
Takeda Pharmaceuticals \$205,494 Total Costs  
**Does treatment of Gout Impact Overall and Gout-related Health Care Utilization?**  
This study examined the impact of gout treatment on health care utilization in veterans with gout.  
Role: PI

Investigator-Initiated Research Grant (Riddle) 07/01/10-03/30/12 0.2 Calendar  
Virginia Commonwealth University, Richmond, VA \$33,000 Total Costs  
**Body Weight Changes Following Knee Arthroplasty: A Longitudinal Comparative Study**

Singh, Jasvinder MD, MPH

This study examined the association of body weight changes following knee arthroplasty and its association with patient-reported outcomes using the Mayo Clinic Joint Registry and the Rochester Epidemiology Project.  
Role: Co-Investigator

Investigator-Initiated Research Grant (Khanna) 08/01/10-07/31/12 0.6 Calendar  
Savient Pharmaceuticals \$75,000 Total Costs

**Health-Related Quality of Life and Health Care Utilization in Gout at Veterans Affairs Medical Center**

The objective of this study was to examine health-related quality of life and utilization in veterans with gout prospectively.

Role: Co-Investigator

Mini-Sentinel Research Grant (Singh) 08/01/10-05/30/11 3.6 Calendar  
U.S. Food and Drug Administration (FDA) \$32,000 Total Costs

**Health Outcomes of Interest (HOIs): Orthopedic implant removal and revision**

This systematic review of U.S. and Canadian claims and administrative databases assessed validated definitions for orthopedic implant removal and revision.

Role: PI

Investigator-Initiated Research Grant (Singh) 01/01/11-09/30/11 0.6 Calendar  
Takeda Pharmaceuticals \$15,000 Total Costs

**A Study of Impact of Gout on Health Care Utilization and Costs**

The objective of study is examine impact of gout on health care utilization and costs in veterans with gout.

Role: PI

Research Grant (Singh) 04/01/10-01/31/11 0.6 Calendar  
American College of Rheumatology (ACR) (no cost extension to 5/11) \$80,408

**Update of the ACR recommendations for treatment of Rheumatoid Arthritis (RA)**

This update of the 2008 guidelines led to the 2012 ACR recommendations for the management of RA.

Role: PI

Research Grant (Singh) 12/01/09-11/30/10 0.6 Calendar  
UK National Institute for Health Research £5,000 Total Costs

**Safety of Biologics commonly used in musculoskeletal diseases: Overview of Cochrane Systematic Reviews Across Cochrane Review Groups**

This overview of systematic review synthesized the evidence for safety across Cochrane systematic reviews of biologics used in treatment of RA.

Role: PI

VA Merit Review Grant (MacDonald) 07/01/07-6/30/10 0.24 Calendar  
VA Health Services Research & Development/QUERI funding \$694,000 Total Direct Costs

**Using VA Databases to Identify Drug AEs & Their Health and Costs Impact**

This was a study of adverse events and their impact on costs in veterans using the VA databases.

Role: Site PI

Research Grant (Singh) 4/2005-8/2009 1.2 Calendar  
Veterans Integrated Service Network-23 \$275,000 Total Direct Costs

**Veterans Functional Status & Health Care Utilization Project**

This was a study of quality of life, functional status, health care utilization and their inter-relationship in veterans receiving care at Network 23.

Role: PI

Research Grant (Schumacher and Singh, co-PI) 12/01/06-11/30/09 0.12 Calendar  
American College of Rheumatology and European League \$60,000 Total Costs

Singh, Jasvinder MD, MPH

Against Rheumatism

**Development and Validation of a Long Term Gout Response Criterion**

This study developed and validated a definition of Gout Flares as outcome for clinical trials.

Role: co-PI

K12 RR24151-1 (Gabriel; Singh Clinical Scholar)

7/01/06-12/01/09

9 Calendar

NIH  
**Mayo Clinic Multidisciplinary Clinical Research Career Development Award (NIH Roadmap K12/NICHD)**

This grant supported clinical projects related to assessment of Botulinum toxin for painful prosthetic joints and assessment of quality of life in veterans.

Role: Clinical Scholar, devoted 75% time to KL2 research projects

Research Grant (Singh)

05/01/07-09/30/08

0.6 Calendar

Cochrane Complementary Medicine Field Bursary \$5,000 Total Costs

**Chondroitin for Osteoarthritis- Systematic Review**

This systematic review assessed the effect of chondroitin on pain and function in patients with osteoarthritis.

Role: PI

Investigator-Initiated Research Grant (Hirsch)

01/01/08-06/30/08

0.1 Calendar

TAP Pharmaceuticals

\$4,000 Total Costs

**Health Care Utilization in Patients of Gout**

This was a secondary analysis of the main study below to examine the health care utilization patterns of patients with gout.

Role: Co-Investigator

Investigator-Initiated Research Grant (Singh)

01/01/07-03/31/08

1.2 Calendar

TAP Pharmaceuticals

\$28,250 Total Costs

**Patterns of Uric Acid Monitoring and Allopurinol and Colchicine Use in Patients of Gout**

This investigator-initiated study assessed the patterns of medication use and laboratory monitoring in veterans with gout.

Role: PI

Academic Health Center Seed Grant (Singh)

07/01/06-6/30/07

3.6 Calendar

University of Minnesota, Minneapolis, MN \$25,000 Total Costs

**A Randomized, Double Blinded, Placebo-Controlled Study of Intra-articular Botulinum Toxin A for Painful Prosthetic Knee and Hip Joint**

This study evaluated the safety and efficacy of intra-articular Botulinum toxin A in patients with painful prosthetic knee and hip.

Role: PI

Minnesota Medical Foundation Grant (Singh)

7/01/05-12/01/06

3.6 Calendar

Minnesota Medical Foundation, University of Minnesota, Minneapolis, MN

\$15,000 Total Costs

**Intra-articular Botulinum Toxin for a Painful Prosthetic Knee Joint: Randomized, Double-Blinded Placebo-controlled Study**

This study evaluated the safety and efficacy of intra-articular Botulinum toxin A in patients with painful prosthetic knee.

Role: PI

Arthritis Foundation Research Grant (Singh)

01/01/05-12/30/05

3.6 Calendar

Arthritis Foundation North Central Chapter, Minneapolis, MN

\$24,805 Total Costs

**Botulinum Toxin Type A for painful prosthetic knee: Randomized Controlled Study**

This study evaluated the safety and efficacy of intra-articular Botulinum toxin A in patients with painful prosthetic knee.

Singh, Jasvinder MD, MPH

Role: PI

Investigator-Initiated Research Grant (Hirsch) 07/01/05-06/30/06 1.2 Calendar  
TAP Pharmaceuticals \$150,000 Total Costs

**Validation of the Gout Assessment Questionnaire Project**

This study assessed the validity of this quality of life questionnaire designed to assess the impact of gout on patients' lives.

Role: Site PI and co-investigator

Unrestricted Educational Grant (Mahowald) 06/01/04-07/31/06 1.2 Calendar  
Allergan Pharmaceuticals \$80,000 Total Costs

**Randomized Controlled Trial of Intra-articular Botulinum Toxin Type A for Refractory Knee Joint Pain**

This study evaluated the safety and efficacy of intra-articular Botulinum toxin A for patients with refractory knee joint pain.

Role: Co-Investigator

Research Equipment Grant (Singh) 06/01/04-12/31/05 0.6 Calendar  
Minneapolis Veterans Affairs Medical Center, Minneapolis, MN \$16,700 Total Costs

**Musculoskeletal Ultrasound for Joint Injections**

This grant provided for funding to obtain musculoskeletal ultrasound for use in the diagnoses of painful rheumatic conditions and in assisting joint injections.

Role: PI

Arthritis Foundation Research Grant (Singh) 01/01/04-12/31/04 3.6 Calendar  
Arthritis Foundation North Central Chapter, Minneapolis, MN \$20,000

**RCT of Intra-articular Botulinum Toxin Type A for chronic shoulder joint pain in elderly**

This study evaluated the safety and efficacy of intra-articular Botulinum toxin A for elderly patients with refractory shoulder joint pain.

Role: PI

Pharmaceutical Study (Mahowald) 02/01/02-12/31/03 0.6 Calendar  
Immunex/Amgen Pharmaceuticals \$50,000 Total Direct Costs

**Open Label Extension Study of Etanercept in Ankylosing Spondylitis**

This study was an open-label extension of the above-mentioned randomized study that collected efficacy and safety Outcome for an extended period.

Role: Co-Investigator

Pharmaceutical Study (Mahowald) 01/01/02-12/31/02 0.6 Calendar  
Immunex/Amgen Pharmaceuticals \$48,000 Total Direct Costs

**Multi-site Randomized Controlled Trial of Etanercept in Ankylosing Spondylitis**

This study evaluated the efficacy and safety of Etanercept in patients with Ankylosing Spondylitis in a Phase-III multi-center trial.

Role: Co-Investigator

Arthritis Foundation Research Grant (Singh) 07/01/01-06/30/04 12 Calendar  
Arthritis Foundation, Missouri Chapter (Declined when moved to MN) \$105,000 Total Direct Costs

**Study the Role of Regulators of Complement Activation in Autoimmunity**

The study proposed to investigate the role of complement regulators in autoimmunity by using animal models of autoimmunity.

Role: PI

Division of Rheumatology Research Grant (Singh) 01/01/99-12/31/01 1.2 Calendar  
Washington University School of Medicine, St. Louis, Missouri \$10,000 Total Direct Costs

Singh, Jasvinder MD, MPH

**Characterization of myocardial abnormalities in Systemic Lupus Erythematosus patients**

This case-control study evaluated the prevalence of myocardial involvement in patients with Systemic Lupus Erythematosus as detected by cardiac MRI.

Role: PI

Arthritis Foundation Research Grant (Molina) 01/01/99-12/31/01 9.6 Calendar  
Arthritis Foundation, Missouri Chapter, St. Louis, Missouri \$35,000/yr Total Direct Costs

**Role of Regulators of Complement Activation in Inflammatory Disorders**

This study investigated the complement receptors and their role in immune system.

Role: Post-doc Fellow

Pharmaceutical Study (Brasington) 01/01/98-12/31/00 0.6 Calendar  
Amgen 990145 \$8,520 Total Direct Costs

**IL-1ra (anakinra) to retard joint destruction and evaluate long-term safety in rheumatoid arthritis**

Role: Co-investigator

Pharmaceutical Study (Brasington) 01/01/98-12/31/01 0.6 Calendar  
Knoll DE019 \$7,500 Total Direct Costs

**Human anti-TNF monoclonal antibody D2E7 treatment of rheumatoid arthritis patients on methotrexate**

Role: Co-investigator

Pharmaceutical Study (Brasington) 01/01/98-12/31/01 0.6 Calendar  
Amgen IL1ra20000223 \$4,000 Total Direct Costs

**Safety and efficacy of anakinra and etanercept in rheumatoid arthritis patients on methotrexate**

Role: Co-investigator

**National/International recognition of Published Research (including Press Releases)**

- 2021 The Rheumatologist  
**The ACR Releases an Updated Treatment Guideline for Rheumatoid Arthritis**  
Link: <https://www.the-rheumatologist.org/article/the-acr-to-release-an-updated-rheumatoid-arthritis-guideline/>
- 2021 EurekAlert AAAS  
The Lancet: More than half of police killings in USA are unreported and Black Americans are most likely to experience fatal police violence  
Link: <https://www.eurekalert.org/news-releases/929848>
- 2020 ACP Journal Club  
In older adults, new use of allopurinol or febuxostat was linked to hypersensitivity reactions versus colchicine  
Link: [https://www.acpjournals.org/doi/10.7326/ACPJ202007210-011?url\\_ver=Z39.88-2003&rfr\\_id=ori:rid:crossref.org&rfr\\_dat=cr\\_pub%20%20pubmed](https://www.acpjournals.org/doi/10.7326/ACPJ202007210-011?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%20%20pubmed)
- 2020 MPR  
Risk of Hypersensitivity Reactions Assessed With Commonly Used Gout Treatments  
Link: <https://www.empr.com/home/news/risk-of-hypersensitivity-reactions-assessed-with-commonly-used-gout-treatments/>
- 2020 Helio Rheumatology

Singh, Jasvinder MD, MPH

Most VA rheumatologists consider telemedicine apt for regular patients with gout, RA, OA  
Link: <https://www.healio.com/news/rheumatology/20201028/most-va-rheumatologists-consider-telemedicine-apt-for-regular-patients-with-gout-ra-oa>

- 2020 Helio Rheumatology  
Kidney injury after hip replacement linked to increased complications  
Link: <https://www.healio.com/news/rheumatology/20200309/kidney-injury-after-hip-replacement-linked-to-increased-complications>
- 2020 Helio Rheumatology  
Serious infection responsible for 1 in 10 gout hospitalizations  
Link: <https://www.healio.com/news/rheumatology/20200429/serious-infection-responsible-for-1-in-10-gout-hospitalizations>
- 2020 Medpage Today  
Skyrocketing Infection Hospitalizations in Vasculitis  
Link: <https://www.medpagetoday.com/reading-room/acrr/generalrheumatology/88740>
- 2020 EurekAlert  
Changes in hospitalizations for alcohol use disorder in US  
Link: [https://www.eurekalert.org/pub\\_releases/2020-09/jn-cih091720.php](https://www.eurekalert.org/pub_releases/2020-09/jn-cih091720.php)
- 2020 Drugs.com  
1998 to 2016 Saw Rise in Alcohol Use Disorder Hospitalizations  
Link: [https://www.drugs.com/news/1998-2016-saw-rise-alcohol-disorder-hospitalizations-92927.html?utm\\_source=ddc&utm\\_medium=rss&utm\\_campaign=1998+to+2016+Saw+Rise+in+Alcohol+Use+Disorder+Hospitalizations](https://www.drugs.com/news/1998-2016-saw-rise-alcohol-disorder-hospitalizations-92927.html?utm_source=ddc&utm_medium=rss&utm_campaign=1998+to+2016+Saw+Rise+in+Alcohol+Use+Disorder+Hospitalizations)
- 2020 Physicians' Briefing  
1998 to 2016 Saw Rise in Alcohol Use Disorder Hospitalizations  
Link: <https://www.physiciansbriefing.com/psychiatry-16/alcohol-abuse-news-12/1998-to-2016-saw-rise-in-alcohol-use-disorder-hospitalizations-761434.html>
- 2020 Doctor's Lounge  
1998 to 2016 Saw Rise in Alcohol Use Disorder Hospitalizations  
Link: <https://www.doctorslounge.com/index.php/news/pb/98262>
- 2020 ScienMag  
Changes in Hospitalizations for in Alcohol Use Disorder in US  
Link: <https://scienmag.com/changes-in-hospitalizations-for-alcohol-use-disorder-in-us>
- 2019 ACP Internist  
More options available for psoriatic arthritis  
Link: <https://acpinternist.org/archives/2019/04/more-options-available-for-psoriatic-arthritis.htm>
- 2019 The Rheumatologist  
Gout & Sexual Function  
Link: <https://www.the-rheumatologist.org/article/gout-sexual-function/>
- 2019 The Rheumatologist  
Insight into Achieving & Maintaining Target Serum Urate Levels in Gout Patients

Singh, Jasvinder MD, MPH

Link: <https://www.the-rheumatologist.org/article/insight-into-achieving-maintaining-target-serum-urate-levels-in-gout-patients/>

2019

EurekaAlert

Opioid use hospitalization rates increased for patients with common rheumatic diseases

Link: [https://www.eurekaalert.org/pub\\_releases/2019-11/acor-ouh103119.php](https://www.eurekaalert.org/pub_releases/2019-11/acor-ouh103119.php)

2019

Helio Rheumatology

Nearly 1 in 4 patients with gout report sleep disorders

Link: <https://www.healio.com/rheumatology/gout/news/online/%7Bc5ce289c-5352-4aa0-ab16-464b8daa6934%7D/nearly-1-in-4-patients-with-gout-report-sleep-disorders>

2019

MDEdge Rheumatology

Patient Perceptions of Gout Management Goals

Link: <https://www.mdedge.com/rheumatology/clinical-edge/summary/gout/patient-perceptions-gout-management-goals>

2019

Renal and Urology News

Gout Linked to Increased Risk for Chronic Kidney Disease

Link: <https://www.renalandurologynews.com/home/news/nephrology/hyperuricemia/gout-linked-to-increased-risk-for-chronic-kidney-disease/>

2019

Rheumatology Advisor

Gout Linked to Increased Risk for Chronic Kidney Disease

Link: <https://www.rheumatologyadvisor.com/home/topics/gout/gout-linked-to-increased-risk-for-chronic-kidney-disease/>

2019

Rheumatology Advisor

Examining the Cardioprotective Benefits of Urate-Lowering Therapy in Gout

Link: <https://www.rheumatologyadvisor.com/home/topics/gout/examining-the-cardioprotective-benefits-of-urate-lowering-therapy-in-gout/>

2019

Physician's Weekly

Examining the Link Between Gout & Myocardial Infarction in Older Adults

Link: <https://www.physiciansweekly.com/examining-the-link-between-gout-myocardial-infarction-in-older-adults/>

2019

EurekaAlert

Gout in the elderly linked to higher risk of dementia

Link: [https://www.eurekaalert.org/pub\\_releases/2018-06/elar-qit061418.php](https://www.eurekaalert.org/pub_releases/2018-06/elar-qit061418.php)

2019

APTA: American Physical Therapy Association

2018 American College of Rheumatology/National Psoriasis Foundation Guideline for the Treatment of Psoriatic Arthritis

Link: <https://www.apta.org/patient-care/evidence-based-practice-resources/cpgs/psoriasis-foundation-guideline-for-the-treatment-of-psoriatic-arthritis>

2018

The Rheumatologist

New PsA Guideline Released

Link: <https://www.the-rheumatologist.org/article/new-psa-guideline-released-recommendations-include-tnfi-biologic-over-oral-small-molecule-drugs-as-first-line-therapy-for-patients-with-active-disease/?singlepage=1&theme=print-friendly>



Singh, Jasvinder MD, MPH

- 2018 The Rheumatologist  
Older gout patients more likely to develop hearing impairment  
Link: <https://www.the-rheumatologist.org/article/older-gout-patients-more-likely-to-develop-hearing-impairment/>
- 2018 Rheumatology Network  
Gout Doubles the Risk of Atrial Fibrillation in Older Adults  
Link: <https://www.rheumatologynetwork.com/cardiovascular-disease-rheumatology/gout-doubles-risk-atrial-fibrillation-older-adults>
- 2018 University of Maryland Baltimore  
2018 American College of Rheumatology/National Psoriasis Foundation Guideline for the Treatment of Psoriatic Arthritis  
Link: <https://archive.hshsl.umaryland.edu/handle/10713/8727>
- 2018 Rheumatology Advisor  
Allopurinol Linked to Reduction in Stroke Risk in Elderly  
Link: <https://www.rheumatologyadvisor.com/home/conference-highlights/acr-2016-coverage/allopurinol-linked-to-reduction-in-stroke-risk-in-elderly/>
- 2018 MedPage Today  
Gout Equals Diabetes in Stroke Risk  
Link: <https://www.medpagetoday.com/rheumatology/generalrheumatology/68847>
- 2018 Renal and Urology News  
Gout Increases Atrial Fibrillation Risk in the Elderly  
Link: <https://www.renalandurologynews.com/home/news/nephrology/hyperuricemia/gout-increases-atrial-fibrillation-risk-in-the-elderly/>
- 2018 Rheumatology Advisor  
Gout Linked to Higher Risk for Incident Parkinson Disease in Older Adults  
Link: <https://www.rheumatologyadvisor.com/home/conference-highlights/acr-2018-coverage/gout-linked-to-higher-risk-for-incident-parkinson-disease-in-older-adults/>
- 2018 Arthritis Foundation  
FDA Approves New Drug for Gout  
Link: <http://blog.arthritis.org/news/lesinurad-new-gout-drug-fda-approved/#more-319>
- 2018 EurekAlert: The Global Source for Science News  
Gout in the elderly linked to higher risk of dementia  
Link: [https://www.eurekalert.org/pub\\_releases/2018-06/elar-git061418.php](https://www.eurekalert.org/pub_releases/2018-06/elar-git061418.php)
- 2017 AHRQ  
Comorbidities as Predictors of Pain Outcomes After Primary and Revision Total Knee Arthroplasty  
Link: <https://www.ahrq.gov/chain/research-tools/featured-certs/comorbidities-as-predictors.html>
- 2017 The Rheumatologist  
Pain Management Research Sheds Light on Postsurgical Pain Sensitization, Opioid Risks, Nondrug Interventions

Link: <https://www.the-rheumatologist.org/article/pain-management-research-sheds-light-postsurgical-pain-sensitization-opioid-risks-nondrug-interventions/?singlepage=1&theme=print-friendly>

- 2017 The Rheumatologist  
Allopurinol Appears More Renoprotective than Febuxostat in Older Adults  
Link: <http://www.the-rheumatologist.org/article/allopurinol-appears-renoprotective-febuxostat-older-adults/>
- 2017 Rheumatology Network  
Gout Worsens Its Comorbidities  
Link: <http://www.rheumatologynetwork.com/gout/gout-worsens-its-comorbidities>
- 2017 Insurance Weekly News: Summary of Singh JA et al. study on Allopurinol and the risk of Atrial fibrillation
- 2017 Rheumatology Advisor: Second Biologic Effective in Rheumatoid arthritis after initial treatment failure  
Link: <http://www.rheumatologyadvisor.com/rheumatoid-arthritis/second-biologic-effective-after-initial-biologic-failure-in-rheumatoid-arthritis/article/649673/>
- 2017 Patient Centered Outcomes Research Institute: People  
Link: <http://www.pcori.org/people/jasvinder-singh-md-mph>
- 2017 Patient Centered Outcomes Research Institute Blog: Informing Patients with a Rare Disease About Their Treatment Options.  
Link: <http://www.pcori.org/people/jasvinder-singh-md-mph>
- 2017 Rheumatology advisor: Allopurinol Use In Concomitant Gout and Diabetes Lowers Cardiovascular Event Risk. A commentary on a recent Singh et al. paper on this issue  
Link: <http://www.rheumatologyadvisor.com/gout/allopurinol-use-lowers-cardiovascular-event-risk/article/650141/>
- 2016 Daily News. ACR/AHRP Annual Meeting. Newly drafted guidelines cover anti-rheumatic medication use and joint replacement surgery  
Link: <http://www.acrdailynewslive.org/newly-drafted-guidelines-cover-antirheumatic-medication-use-and-joint-replacement-surgery/>
- 2016 MedPage Today: Triple Therapy Underused in RA: Why?  
Link: <http://www.medpagetoday.com/rheumatology/arthritis/56264>
- 2016 Practice Pain Management: To Taper or not to Taper DMARDs when RA disease activity is Low?  
Link: <https://www.practicalpainmanagement.com/meeting-summary/taper-not-taper-dmards-when-ra-activity-low>
- 2016 Joint Health: Arthritis Research Update: ACE Report  
Link: <http://jointhealth.org/programs-jhinsight-view.cfm?id=199&locale=en-CA>
- 2016 MedPage Today: The impact of atrial fibrillation: Is it time to count gout as Afib risk factor  
Link: <http://www.medpagetoday.com/resource-center/atrial-fibrillation/Gout-and-Atrial-Fibrillation/a/57036>

Singh, Jasvinder MD, MPH

- 2016 Arthritis Foundation News Blog: FDA approves new drug for gout  
Link: <http://blog.arthritis.org/news/tag/gout/>
- 2016 Arthritis Foundation News Blog: Arthritis Foundation News Blog: Panel Recommends Aggressive Treat to Target approach to gout  
Link: <http://blog.arthritis.org/gout/treat-to-target-gout/>
- 2016 VA HSR&D: Jasvinder Singh, MD Receives ACR's 2016 Kunkel Award  
Link: [https://www.hsrd.research.va.gov/for\\_researchers/awards/kunkelaward2016.cfm](https://www.hsrd.research.va.gov/for_researchers/awards/kunkelaward2016.cfm)
- 2016 Creaky Joints: Rheumatologists and Orthopedists forge new relationship to Benefit Patients: A commentary on the ACR/AAHKS Guideline on Peri-operative medication management
- 2016 Arthritis Foundation News Blog: Key highlights and takeaways from the 2015 Annual ACR meeting  
Link: <http://blog.arthritis.org/news/2016-acr-annual-meeting/>
- 2016 The Lancet Clinic: Rheumatoid arthritis Seminar  
Link: <http://www.thelancet.com/clinical/diseases/rheumatoid-arthritis>
- 2016 Healthy Living. Biological Treatments tied to higher risk of serious infection in RA  
Link: <http://www.healthylivingmagazine.us/Articles/10219/>
- 2016 Rheumatology Update: 7 Keys to treating early RA  
Link: <https://production.6minutes.com.au/rheumatologyupdate/latest-news/7-keys-to-treating-early-ra>
- 2017 The Rheumatologist  
2015 ACR Guideline for the Treatment of Rheumatoid Arthritis  
Link: <https://www.the-rheumatologist.org/article/2015-acr-guideline-for-the-treatment-of-rheumatoid-arthritis/>
- 2015 NEJM Journal Watch  
New Guidelines for Treatment of Rheumatoid Arthritis  
Link: <https://www.jwatch.org/na39779/2015/12/10/new-guidelines-treatment-rheumatoid-arthritis>
- 2015 MedPage Today: New RA Guidelines Highlight Treat-to-Target: Start with DMARD monotherapy with low disease activity: A Commentary on the 2015 ACR RA treatment guideline
- 2015 Medical Research.com: Smoking increases the risk of complications after hip or knee arthroplasty ACR. A commentary on ACR 2015 abstract on the topic  
Link: <https://medicalresearch.com/tag/acr15/>
- 2015 Top 5 downloaded Cochrane reviews: "Chondroitin for Osteoarthritis"
- 2015 Featured article on the Cochrane Community website: Chondroitin for Osteoarthritis
- 2015 MedicalResearch.com: Smoking Increases Complications after knee or hip arthroplasty  
Link: <https://medicalresearch.com/tobacco-research/smoking/smoking-increases-complications-after-hip-or-knee-arthroplasty/19193/>

Singh, Jasvinder MD, MPH

- 2015 Zimmet: Joint Replacement Surgery Riskier at Hospitals with low surgical Volume  
Link: <http://zimmetzimmet.com/library/medicallegal-discoveries-developments/joint-replacement-surgery-riskier-at-hospitals-with-low-surgical-volume-debary-malpractice-law/>
- 2015 Arthritis Treatment Center: Joint Replacement Surgery at Less Experienced Hospitals = More Complications  
Link: <http://arthritistreatmentcenter.com/2012/02/joint-replacement-surgery-at-less-experienced-hospitals-more-complications/>
- 2015 Healthcare News: Gout Vastly Undertreated in USA and UK.  
Link: <http://www.wetreatfeetpodiatry.com/report-gout-vastly-undertreated-in-usa-uk>
- 2015 First World Pharma: Rheumatoid arthritis is a Risk Factor for Readmission after Joint Replacement Surgery: Presented at AAOS  
Link: <http://www.firstworldpharma.com/node/1272230?tsid=17#axzz4f08mp3C>
- 2015 Value-Based Care Rheumatology: New ACR Rheumatoid Arthritis Guidelines  
Link: <http://www.caregivershome.com/news/article.cfm?UID=1583>
- 2014 American College of Surgery (ACS) Surgery News: RA patients' readmission rates after joint replacement are rising  
Link: <http://www.mdedge.com/acssurgerynews/article/88003/rheumatology/ra-patients-readmission-rates-after-joint-replacement-are>
- 2014 Family Practice News: RA Draft Guidelines Treat to Target. A commentary on the 2015 ACR RA guideline  
Link: <http://www.mdedge.com/familypracticenews/article/88763/rheumatoid-arthritis/ra-draft-guidelines-treat-target>
- 2013 Arthritis Foundation: What to expect after hip replacement?  
Link: <http://www.arthritis.org/living-with-arthritis/treatments/joint-surgery/types/hip/expect-after-hip-replacement.php>
- 2013 Arthritis Digest: Men are at higher risk after knee replacement  
Link: <http://arthritisdigest.co.uk/men-at-higher-risk-after-knee-replacement/>
- 2013 Pain Free Living: Monitoring RA progress and Treatment  
Link: <https://www.painfreelivinglife.com/pain-conditions/rheumatoid-arthritis/monitoring-ra-progress-and-treatment/>
- 2013 Physicians Weekly: Updated Guidelines for RA Treatment  
Link: <http://www.physiciansweekly.com/updated-rheumatoid-arthritis-guidelines/>
- 2013 VCU News: Study Finds Knee Replacement Surgery May Lead to Weight Gain. A commentary on the 2013 Arthritis, Care and Research publication on a study of joint replacement and weight
- 2012 Mayo News Release: Low Income Patients Fare Better than Wealthier After Knee Replacement, Mayo Finds  
Link: <http://newsnetwork.mayoclinic.org/discussion/lower-income-patients-fare-better-than-wealthier-after-knee-replacement-mayo-finds/>
- 2012 Managed Healthcare Connect: ACR Recommendations for Treating Rheumatoid Arthritis

Link: <http://www.managedhealthcareconnect.com/articles/acr-recommendations-treating-rheumatoid-arthritis>

2012 ErukeAlert: ACR updates guidelines for the use of DMARDs and Biologic drugs in treating rheumatoid arthritis

Link: [https://www.eurekaalert.org/pub\\_releases/2012-04/w-aug033012.php](https://www.eurekaalert.org/pub_releases/2012-04/w-aug033012.php)

2012 HealthDay: Treat rheumatoid arthritis early and aggressively. Guidelines

Link: <https://consumer.healthday.com/bone-and-joint-information-4/arthritis-drug-news-39/treat-rheumatoid-arthritis-early-and-aggressively-guidelines-663399.html>

2012 American Family Physician

Choosing Wisely: Don't prescribe biologics for rheumatoid arthritis before a trial of methotrexate (or other conventional nonbiologic disease-modifying antirheumatic drugs [DMARDs])

Link:

<https://www.aafp.org/afp/recommendations/viewRecommendation.htm?recommendationId=79>

2012 Healio Orthopedics Today: Study finds patient income level affects pain, function after TKA: A commentary on 2012 American College of Rheumatology abstract on this topic by Singh et al.

2012 Health Connection: Guidelines For Use Of DMARDs And Biologic Drugs In Treating Rheumatoid Arthritis Updated By American College Of Rheumatology. A commentary on the 2012 ACR RA Treatment Guideline

2012 Physician Practice: The Ethnicity Gap in Gout: Correcting Disparities in Treatment to Target

Link: [www.physicianspractice.com/printpdf/190772](http://www.physicianspractice.com/printpdf/190772)

2012 Physician Practice: Initiating and Switching DMARDs and Biologics

Link: [www.physicianspractice.com/printpdf/190659](http://www.physicianspractice.com/printpdf/190659)

2012 Rheumatology Network: Initiating and Switching DMARDs and Biologics: Highlights of the Updated ACR Guidelines

Link: <http://www.rheumatologynetwork.com/podcasts/initiating-and-switching-dmards-and-biologics-highlights-updated-acr-guidelines>

2012 Patient Care Online: Initiating and Switching DMARDs and Biologics: Highlights of the Updated ACR Guidelines

Link: <http://www.patientcareonline.com/podcasts/initiating-and-switching-dmards-and-biologics-highlights-updated-acr-guidelines>

2012 Arthritis Research UK: Updated Guidelines for Rheumatoid Arthritis Treatment

Link: <http://www.arthritisresearchuk.org/news/general-news/2012/april/updated-guidelines-for-rheumatoid-arthritis-treatment.aspx>

2012 Rheumatologist: ACR issues Guidelines, Recommendations for Lupus Nephritis, RA

Link: <http://www.the-rheumatologist.org/article/acr-issues-guidelines-recommendations-for-lupus-nephritis-ra/>

2012 Medscape: ACR updates RA advice on DMARDs, Biologics, Switching Drugs

Link: <http://www.medscape.com/viewarticle/761799>

- 2011 American Academy of Orthopaedic Surgeons: Healthy Lifestyle, positive attitude can help improve patient outcomes after joint replacement surgery: A Commentary on multiple Oral abstracts in 2011 AAOS abstract session related to smoking, alcohol use and other risk factors
- 2011 Healthy Day: Joint Replacement Risks Rise at Less Experienced Hospitals  
Link: <https://consumer.healthday.com/senior-citizen-information-31/artificial-hip-news-44/joint-replacement-risks-rise-at-less-experienced-hospitals-653613.html>
- 2011 Wiley Press release: Joint Replacement Surgery Riskier at Hospitals with Low Surgical Volume  
Link: <http://www.wiley.com/WileyCDA/PressRelease/pressReleaseId-97697.html>
- 2011 Medscape: Smoking may increase postarthroplasty complications  
Link: <http://www.medscape.com/viewarticle/737679>
- 2011 IrishHealth.com: Lifestyle Impacts Joint Surgery Outcomes  
Link: <http://www.irishhealth.com/article.html?id=18687>
- 2011 The Doctor's Channel: Reuter's Health: Multiple Factors Complicate hip and knee replacement  
Link: <http://www.thedoctorschannel.com/view/multiple-factors-complicate-hip-and-knee-replacement/>
- 2011 Rheumatology news: Biologics tied to greater risk of adverse events  
Link: <http://www.thedoctorschannel.com/view/multiple-factors-complicate-hip-and-knee-replacement/>
- 2011 Featured Review article on Cochrane library: Adverse Effects of Biologics
- 2011 Safety of Biologic Treatment for Arthritis Depends on the Drug: Press release on Cochrane review: Adverse Effects of Biologics.  
Link: <http://www.wiley.com/WileyCDA/Section/id-397743.view-search.html?query=singh+ja&x=0&y=0>
- 2010 The Rheumatologist  
Cochrane Launches Journal Club with RA Article  
Link: <https://www.the-rheumatologist.org/article/cochrane-launches-journal-club-with-ra-article/>
- 2010 Arthritis Research UK: Head to Head: A commentary on the 2010 Cochrane overview: Biologics for Rheumatoid Arthritis
- 2009 Featured article on Cochrane library: Biologics for Rheumatoid Arthritis
- 2009 First Cochrane Overview in the Cochrane Library  
Link: <http://cmimg.cochrane.org/about-us>
- 2009 First Cochrane Journal Club.  
Link: <http://www.cochranejournalclub.com>

Singh, Jasvinder MD, MPH

- 2009 New Biologic Drug Is Effective Against Rheumatoid Arthritis. Press release on Cochrane review: Abatacept for Rheumatoid arthritis.  
Link: <http://www.wiley.com/WileyCDA/PressRelease/pressReleasId-60697.html>
- 2009 The Beacon Newsletter: Emerging Solutions in Pain  
Link: <http://www.emergingsolutionsinpain.com/87-resources/newsletter/243-the-beacon-newsletter-volume-i-issue-2>
- 2009 Science Daily: Biologics for rheumatoid arthritis Work, but which is Best?  
Link: <https://www.sciencedaily.com/releases/2009/10/091006191322.htm>
- 2007 WashingtonPost.com: Healthy Day Reporter: Botox offers shot in arm for arthritis sufferers  
Link: <http://www.washingtonpost.com/wp-dyn/content/article/2007/11/08/AR2007110801373.html>
- 2007 Caregivers Home Companion: Botox used to make Aging Joints Feel Younger  
Link: <http://www.caregivershome.com/news/article.cfm?UID=1583>
- 2007 Tristatehomepage.com: Should you give injectables a shot for osteoarthritis pain?  
Link: <http://www.tristatehomepage.com/news/should-you-give-injectables-a-shot-for-osteoarthritis-pain>

**RESEARCH MENTORING EXPERIENCE:**

Name	Years mentored	Mentoring Role	Scholarly activity/funding	Current position
<b>Current mentoring</b>				
<b>Mentee and Published Papers/Awards</b>				
Amy Mudano, MPH Singh JA, ....Jain A, ....Saag K. 2012 update of the 2008 American College of Rheumatology recommendations for the use of disease-modifying antirheumatic drugs and biologic agents in the treatment of rheumatoid arthritis. Arthritis Care Res (Hoboken). 2012;64(5):625-39.	2013-	Main	Mentored her weekly to monthly on performing Cochrane reviews and systematic reviews and NMAs	Post-doctoral fellow and research associate, UAB
Singh JA, Hossain A, Tanjong Ghogomu E, Kotb A, Christensen R, Mudano AS, Maxwell LJ, Shah NP, Tugwell P, Wells GA. Biologics or tofacitinib for rheumatoid arthritis in incomplete responders to methotrexate or other traditional disease-modifying anti-rheumatic drugs: a systematic review and network meta-analysis. Cochrane Database Syst Rev. 2016;5:CD012183. doi:10.1002/14651858.CD012183. PubMed PMID: 27175934.				

Singh JA, Hossain A, Kotb A, Oliveira A, Mudano AS, Grossman J, Winthrop K, Wells GA. Treatments for Lupus Nephritis: A Systematic Review and Network Metaanalysis. *J Rheumatol*. 2016. doi:10.3899/jrheum.160041. PubMed PMID: 27585688

Singh JA, Hossain A, Tanjong Ghogomu E, Mudano AS, Tugwell P, Wells GA. Biologic or tofacitinib monotherapy for rheumatoid arthritis in people with traditional disease-modifying anti-rheumatic drug (DMARD) failure: a Cochrane Systematic Review and network meta-analysis (NMA). *Cochrane Database Syst Rev*. 2016;11:CD012437. PubMed PMID: 27855242

Singh JA, Hossain A, Mudano AS, et al. Biologics or tofacitinib for people with rheumatoid arthritis naive to methotrexate: a systematic review and network meta-analysis. *Cochrane Database Syst Rev*. 2017;5:CD012657. doi:10.1002/14651858.CD012657. PubMed PMID: 28481462

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Karishma Ramsubeik, MD

Ramsubeik K, Ramrattan LA, Kaeley GS, Singh JA. Effectiveness of healthcare educational and behavioral interventions to improve gout outcomes: a systematic review and meta-analysis. *Ther Adv Musculoskelet Dis*. 2018;10(12):235-252. Epub 2018/12/06. doi:10.1177/1759720X18807117. PubMed PMID: 30515250; PubMed Central PMCID:PMC6262501

2018-

Main

Mentored her on preparing a Cochrane systematic review

Assistant Professor, Univ of Florida, Jacksonville, FL

Ramsubeik K, Motilal S, Ramrattan LA, Singh JA, Kaeley GS. Role of ultrasound in the diagnosis of Sjogren's Syndrome: A Cochrane Systematic Review

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Laurie Ramrattan, MD

Ramsubeik K, Ramrattan LA, Kaeley GS, Singh JA. Effectiveness of healthcare educational and behavioral interventions to improve gout outcomes: a systematic review and meta-analysis. *Ther Adv Musculoskelet Dis*. 2018;10(12):235-252. Epub 2018/12/06.

2018-

Main

Mentored her on preparing a Cochrane systematic review

Assistant Professor, Univ of Florida, Jacksonville, FL



doi:10.1177/1759720X18807117. PubMed  
 PMID: 30515250; PubMed Central  
 PMCID:PMC6262501  
 Ramsubeik K, Motilal S, Ramrattan LA,  
 Singh JA, Kaeley GS. Role of ultrasound  
 in the diagnosis of Sjogren's Syndrome: A  
 Cochrane Systematic Review

<p><u>Shastri Motilal, MBBS, DM</u>          In press:          Ramsubeik K, Motilal S, Ramrattan LA,          Singh JA, Kaeley GS. Role of ultrasound          in the diagnosis of Sjogren's Syndrome: A          Cochrane Systematic Review</p>	2019-	Co-mentor	Mentored him on preparing a Cochrane systematic review	Lecturer in Family Medicine University of the West Indies St. Augustine Campus Trinidad, West Indies
<p><u>Richard Reynolds, PhD</u>          Reynolds RJ, Vazquez AI, Srinivasasainagendra V, Klimentidis YC, Bridges SL, Jr., Allison DB, Singh JA. Serum urate gene associations with incident gout, measured in the Framingham Heart Study, are modified by renal disease and not by body mass index. <i>Rheumatology international</i>. 2016;36(2):263-270. doi:10.1007/s00296-015-3364-4. PubMed PMID: 26427508; PubMed Central PMCID: PMC4724568</p> <p>Reynolds RJ, Irvin MR, Bridges SL, et al. Genetic correlations between traits associated with hyperuricemia, gout, and comorbidities. <i>Eur J Hum Genet</i>. 2021</p>	2015-	Co-mentor	Co-mentored junior rheumatology faculty member to investigate gout phenotype with Dr. Allison (UAB), manuscript preparation	Rheum Faculty, UAB
<p><u>Gaurav Sharma, MBBS</u>          In Press          Effects of Urate-lowering Drugs on renal and cardiac outcomes. <i>Ther Adv Musculoskelet Dis</i> (In press).</p>	2014-	Main	Mentored a medical student during a 3-month research rotation at UAB; Weekly meetings; manuscript preparation	Post-doctoral visiting fellow, UAB
<p><u>Haiyan Qu, PhD</u>          Qu H, Shewchuk RM, Alarcon G, Fraenkel L, Leong A, Dall'era M, Yazdany J, Singh JA. Mapping Perceptions of Lupus Medication Decision-Making Facilitators: The Importance of Patient Context. <i>Arthritis Care Res (Hoboken)</i>. 2016. doi:10.1002/acr.22904. PubMed PMID: 27059939</p>	2013-	Co-mentor	Collaborated with her on PCORI-funded study (PI, Singh) and co-mentored her with Dr. Shewchuk, and manuscript preparation	UAB Faculty

Singh JA, Qu H, Yazdany J, Chatham W, Dall'era M, Shewchuk R. Barriers to Medication Decision-making in Women with Lupus Nephritis: A Formative Study using Nominal Group Technique. *J Rheumatol*. 2015.  
doi:10.3899/jrheum.150168. PubMed PMID: 26178276

Singh JA, Qu H, Yazdany J, Chatham W, Shewchuk R. Minorities with lupus nephritis and medications: a study of facilitators to medication decision-making. *Arthritis Res Ther*. 2015;17:367.  
doi:10.1186/s13075-015-0883-z. PubMed PMID: 26680561

<u>Steven Witte, MD</u> Paper, under preparation	2018-	Main	Mentoring him on preparing a Cochrane systematic review	PGY1: Anesthesia, Univ of Rochester, Rochester, NY
<b>Completed</b>				
<u>Manik Gupta, MD</u> Gupta MK, Singh JA. Cardiovascular Disease in Gout and the Protective Effect of Treatments Including Urate-Lowering Therapy. <i>Drugs</i> . 2019;79(5):531-541. PubMed PMID: 30868398.	2018-	Main	Mentored him on preparing a systematic review	PGY1: Anesthesia, Henry Ford Hospital, Detroit
<u>Marcum Collins, MD</u> Collins MW, Saag KG, Singh JA. Is there a role for cherries in the management of gout? <i>Ther Adv Musculoskelet Dis</i> . 2019;11:1759720X19847018. PubMed PMID: 31205513. PubMed Central PMCID: PMC6535740.	2018-	Main	Mentored him on preparing a narrative review	PGY4: UAB Rheumatology Fellow
<u>Alvin Day, MD</u> Day AL, Singh JA. Cardiovascular Disease Risk in Older Adults and Elderly Patients with Rheumatoid Arthritis: What Role Can Disease-Modifying Antirheumatic Drugs Play in Cardiovascular Risk Reduction? <i>Drugs Aging</i> . 2019. PubMed PMID: 30953327.	2018-	Main	Mentored him on preparing a narrative review	PGY4: UAB Rheumatology Fellow
<u>Andrew Morris, MD</u> Cochrane library protocol Morris A, Ponce B, Singh JA "Physical therapy intervention for shoulder surgery" Protocol published	2013-	Main	Mentored an orthopedic surgery resident monthly regarding Cochrane	PGY5, Orthopedic Surgery, UAB

			systematic reviews over 3-years during orthopedic surgery residency; supervised him directly for the protocol and the review	
<u>Hania Shahid, MBBS</u> Shahid H, Singh JA. Emerging drugs for Gout. Expert Opin Emerg Drugs. 2012;17(4):511-8. Epub 2012/11/07. Pubmed PMID: 23126250.	2014-	Main	Mentored a medical student during a 2-month research observership at UAB; Weekly meetings; manuscript preparation	Post-doctoral visiting fellow, UAB
<u>Alomgir Hossain, PhD</u> Singh JA, Hossain A, Kotb A, Wells GA. Comparative effectiveness of immunosuppressive drugs and corticosteroids for lupus nephritis: a systematic review and network meta-analysis. Syst Rev. 2016;5(1):155. doi:10.1186/s13643-016-0328-z. PubMed PMID: 27619512; PubMed Central PMCID: PMC5020478.	2015-	Co-mentor	Co-mentored him on Cochrane network meta-analyses with Dr. Wells (Ottawa)	University of Ottawa, Ottawa, Canada
Singh JA, Hossain A, Kotb A, Wells G. Risk of serious infections with immunosuppressive drugs and glucocorticoids for lupus nephritis: a systematic review and network meta-analysis. BMC Med. 2016;14(1):137. doi:10.1186/s12916-016-0673-8. PubMed PMID: 27623861.				
Singh JA, Hossain A, Kotb A, Oliveira A, Mudano AS, Grossman J, Winthrop K, Wells GA. Treatments for Lupus Nephritis: A Systematic Review and Network Metaanalysis. J Rheumatol. 2016. doi:10.3899/jrheum.160041. PubMed PMID: 27585688.				
Singh JA, Hossain A, Tanjong Ghogomu E, Kotb A, Christensen R, Mudano AS, Maxwell LJ, Shah NP, Tugwell P, Wells GA. Biologics or tofacitinib for rheumatoid				

arthritis in incomplete responders to methotrexate or other traditional disease-modifying anti-rheumatic drugs: a systematic review and network meta-analysis. *Cochrane Database Syst Rev.* 2016;5:CD012183. doi:10.1002/14651858.CD012183. PubMed PMID: 27175934

Singh JA, Hossain A, Tanjong Ghogomu E, Mudano AS, Tugwell P, Wells GA. Biologic or tofacitinib monotherapy for rheumatoid arthritis in people with traditional disease-modifying anti-rheumatic drug (DMARD) failure: a Cochrane Systematic Review and network meta-analysis (NMA). *Cochrane Database Syst Rev.* 2016;11:CD012437. PubMed PMID: 27855242

Singh JA, Hossain A, Tanjong Ghogomu E, et al. Biologics or tofacitinib for people with rheumatoid arthritis unsuccessfully treated with biologics: a systematic review and network meta-analysis. *Cochrane Database Syst Rev.* 2017;3:CD012591. doi:10.1002/14651858.CD012591. PubMed PMID: 28282491

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<u>John D. Cleveland, MS</u> Singh JA, Cleveland JD. Comparative effectiveness of allopurinol versus febuxostat for preventing incident renal disease in older adults: an analysis of Medicare claims data. <i>Ann Rheum Dis.</i> 2017. doi:10.1136/annrheumdis-2017-211210. PubMed PMID: 28584186.	2016-2020	Main	Weekly mentoring of research biostatistician for data interpretation related to clinical significance, manuscript preparation	Research Biostatistician, UAB
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Singh JA, Cleveland JD. Use of urate-lowering therapies is not associated with an increase in the risk of incident dementia in older adults. *Ann Rheum Dis.* 2017. Epub 2017/10/04. doi:10.1136/annrheumdis-2017-212094. PubMed PMID: 28970216.

Singh JA, Cleveland J. Allopurinol and the risk of incident peripheral arterial disease in the elderly: a US Medicare claims data study. *Rheumatology (Oxford).* 2018;57(3):451-461. Epub 2017/11/07. doi:10.1093/rheumatology/kex232. PubMed PMID: 29106674.

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Singh JA, Cleveland JD. Medicaid or Medicare insurance payer status and household income are associated with outcomes after primary total hip arthroplasty. *Clin Rheumatol*. 2018. Epub 2018/05/04. doi:10.1007/s10067-018-4126-y. PubMed PMID: 29721713.

Singh JA, Cleveland JD. Comparative effectiveness of allopurinol versus febuxostat for preventing incident dementia in older adults: a propensity-matched analysis. *Arthritis Res Ther*. 2018;20(1):167. Epub 2018/08/05. doi:10.1186/s13075-018-1663-3. PubMed PMID: 30075731; PubMed Central PMCID:PMC6091090.

Singh JA, Cleveland JD. Gout and Hypothyroidism in the Elderly: an Observational Cohort Study Using U.S. Medicare Claims Data. *J Gen Intern Med*. 2018. Epub 2018/05/02. doi:10.1007/s11606-018-4460-4. PubMed PMID: 29713884.

Singh JA, Cleveland JD. The association of gout with incident giant cell arteritis in older adults. *Joint Bone Spine*. 2018. Epub 2018/06/11. doi:10.1016/j.jbspin.2018.05.011. PubMed PMID: 29885976.

Singh JA, Cleveland JD. Gout and the risk of age-related macular degeneration in the elderly. *PLoS One*. 2018;13(7):e0199562. Epub 2018/07/13. doi:10.1371/journal.pone.0199562. PubMed PMID: 30001351.

Singh JA, Cleveland JD. Gout and the risk of myocardial infarction in older adults: a study of Medicare recipients. *Arthritis Res Ther*. 2018;20(1):109. Epub 2018/06/03. doi:10.1186/s13075-018-1606-z. PubMed PMID: 29859125; PubMed Central PMCID: PMCPMC5984737.

Singh JA, Cleveland JD. Gout and hearing impairment in the elderly: a retrospective cohort study using the US Medicare claims data. *BMJ open*.

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2018;8(8):e022854. Epub 2018/08/22.  
doi:10.1136/bmjopen-2018-022854.  
PubMed PMID: 30127053; PubMed  
Central PMCID:PMC6104764.

Singh JA, Cleveland JD. Gout and the  
Risk of Incident Obstructive Sleep Apnea  
in Adults 65 Years or Older: An  
Observational Study. *J Clin Sleep Med*.  
2018;14(9):1521-1527. Epub 2018/09/05.  
doi:10.5664/jcsm.7328. PubMed PMID:  
30176977; PubMed Central  
PMCID:PMC6134232.

Singh JA, Cleveland JD. Gout and the risk  
of incident atrial fibrillation in older adults:  
a study of US Medicare data. *RMD Open*.  
2018;4(2):e000712. Epub 2018/07/19.  
doi:10.1136/rmdopen-2018-000712.  
PubMed PMID: 30018808; PubMed  
Central PMCID:PMC6045725.

Singh JA, Cleveland JD. Association of  
Gout With Uveitis in Older Individuals.  
*JAMA ophthalmology*. 2018;136(7):835-  
837. Epub 2018/05/26.  
doi:10.1001/jamaophthalmol.2018.1758.  
PubMed PMID: 29799963.

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Nipam Shah, MPH

Singh JA, Shah N, Edwards NL. A cross-  
sectional internet-based patient survey of  
the management strategies for gout. *BMC  
Complement Altern Med*. 2016;16(1):90.  
doi:10.1186/s12906-016-1067-3. PubMed  
PMID: 26931313; PubMed Central  
PMCID: PMC477419.

2014-  
2018

Main

Weekly mentoring  
of a research  
associate  
including review  
of study design,  
results, data  
interpretation,  
manuscript  
preparation

Research  
Associate, UAB

Singh JA, Shah N. Patient-reported  
outcome Measures (PROMs) in gouty  
arthritis. *Patient Reported Outcome  
Measures in Rheumatic Diseases*. Editor  
El-Meidany et al.

Singh JA, Shah N, Green C. Individualized  
patient decision-aid for  
immunosuppressive drugs in women with  
lupus nephritis: study protocol of a  
randomized, controlled trial. *BMC  
Musculoskelet Disord*. 2017;18(1):53.  
PubMed PMID: 28143529.

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Singh JA, Hossain A, Tanjong Ghogomu E, Kotb A, Christensen R, Mudano AS, Maxwell LJ, Shah NP, Tugwell P, Wells GA. Biologics or tofacitinib for rheumatoid arthritis in incomplete responders to methotrexate or other traditional disease-modifying anti-rheumatic drugs: a systematic review and network meta-analysis. *Cochrane Database Syst Rev.* 2016;5:CD012183. doi:10.1002/14651858.CD012183. PubMed PMID: 27175934.

<u>Carlos Carmona-Moran, MS</u> Carmona-Moran CA, Zavgorodnya O, Penman AD, Kharlampieva E, Bridges SL, Jr., Hergenrother RW, Singh JA, Wick TM. Development of gellan gum containing formulations for transdermal drug delivery: Component evaluation and controlled drug release using temperature responsive nanogels. <i>Int J Pharm.</i> 2016;509(1-2):465-476. doi:10.1016/j.ijpharm.2016.05.062. PubMed PMID: 27260133	2014-16	Co-mentor	Weekly mentoring of a graduate student including review of experiment design, results, data interpretation, manuscript preparation, with Dr. Wilt (UAB)	Faculty, University of Florida, Miami
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<u>Shohua Yu, MS</u> Singh JA, Yu S. Utilization due to chronic obstructive pulmonary disease and its predictors: a study using the U.S. National Emergency Department Sample (NEDS). <i>Respir Res.</i> 2016;17(1):1. doi:10.1186/s12931-015-0319-y. PubMed PMID: 26739476; PubMed Central PMCID:PMC4702346.	2014-16	Main	Mentored a research associate her on analyses using Medicare data and NEDS and NIS data, manuscript preparation	Biostatistician, Private firm
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Singh JA, Yu S. Time Trends, Predictors, and Outcome of Emergency Department Use for Gout: A Nationwide US Study. *J Rheumatol.* 2016. doi:10.3899/jrheum.151419. PubMed PMID: 27134260

Singh JA, Yu S. Emergency Department and Inpatient Healthcare utilization due to Hypertension. *BMC Health Serv Res.* 2016;16(1):303. doi:10.1186/s12913-016-1563-7. PubMed PMID: 27461237; PubMed Central PMCID: PMC4962411.

Singh JA, Yu S. Allopurinol and the risk of stroke in older adults receiving Medicare. *BMC Neurol.* 2016;16(1):164. doi:10.1186/s12883-016-0692-2. PubMed

PMID: 27604082; PubMed Central  
PMCID:PMC5015204

Singh JA, Yu S. Allopurinol reduces the risk of myocardial infarction (MI) in the elderly: a study of Medicare claims. *Arthritis Res Ther.* 2016;18(1):209. PubMed PMID: 27655429

Singh JA, Yu S. Are Allopurinol Dose and Duration of use nephro-protective in the elderly? A Medicare Claims Study of Allopurinol use and Incident Renal Failure. *Ann Rheum Dis.* 2017;76(1):133-139. PubMed PMID: 27296322.

Singh JA, Yu S. Allopurinol and the Risk of Atrial fibrillation in the Elderly: A Study using Medicare data. *Ann Rheum Dis.* 2017;76(1):72-78. PubMed PMID: 27165177.

Singh JA, Ramachandaran R, Yu S, Curtis JR. Allopurinol use and the risk of acute cardiovascular events in patients with gout and diabetes. *BMC Cardiovasc Disord.* 2017;17(1):76. doi:10.1186/s12872-017-0513-6. PubMed PMID: 28288564; PubMed Central PMCID:PMC5348884

Singh JA, Yu S. Septic arthritis in the Emergency Departments in the U.S.: A National Study of healthcare utilization and time-trends. *Arthritis Care Res (Hoboken).* 2017. doi:10.1002/acr.23270. PubMed PMID: 28464432.

Singh JA, Yu S. The burden of septic arthritis on the U.S. inpatient care: A national study. *PLoS One.* 2017;12(8):e0182577. Epub 2017/08/16. doi:10.1371/journal.pone.0182577. PubMed PMID: 28809954.

Singh JA, Ramachandaran R, Yu S, et al. Is gout a risk equivalent to diabetes for stroke and myocardial infarction? A retrospective claims database study. *Arthritis Res Ther.* 2017;19(1):228. Epub 2017/10/19. doi:10.1186/s13075-017-1427-5. PubMed PMID: 29041963.

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<p><u>Archana Jain, MD</u> Singh JA, ....Jain A, ....Saag K. 2012 update of the 2008 American College of Rheumatology recommendations for the use of disease-modifying antirheumatic drugs and biologic agents in the treatment of rheumatoid arthritis. Arthritis Care Res (Hoboken). 2012;64(5):625-39.</p>	<p>2010-2014</p>	<p>Main</p>	<p>Mentored her weekly during a 2-month research observership and during her rheumatology fellowship</p>	<p>Assistant Professor, UAB Division of Rheumatology</p>
<p>Jain A, Singh JA. Harms of Biologics in rheumatic diseases. Immunotherapy 2013 Mar;5(3):265-99. doi: 10.2217/imt.13.10. Pubmed PMID: 23444956.</p>				
<p><u>Aseem Bharat, MD, MPH</u> Singh JA, Bharat A, Khanna D, Aquino-Beaton C, Persselin JE, Duffy E, et al. Racial differences in health-related quality of life and functional ability in patients with gout. Rheumatology (Oxford) 2017;56:103-12</p>	<p>2010-2015</p>	<p>Main</p>	<p>Weekly mentoring of a research associate including review of study design, results, data interpretation, manuscript preparation</p>	<p>Research associate, UAB</p>
<p>Singh JA, ....Jain A, ....Saag K. 2012 update of the 2008 American College of Rheumatology recommendations for the use of disease-modifying antirheumatic drugs and biologic agents in the treatment of rheumatoid arthritis. Arthritis Care Res (Hoboken). 2012;64(5):625-39.</p>				
<p>Singh JA, Bharat A, Edwards L. An internet survey of common treatments used by patients with gout including cherry extract and juice and other dietary supplements. J Clin Rheumatol. 2015;21(4):225-226. doi:10.1097/RHU.0000000000000246. PubMed PMID: 26010189</p>				
<p>Singh JA, Bharat A. Perioperative interventions for smoking cessation in hip and knee arthroplasty for osteoarthritis and other non-traumatic diseases (protocol). Cochrane Database Syst Rev. DOI: 10.1002/14651858.CD010674. Published Online: 25 JUL 2013.</p>				
<p><u>Iris Navarro, MD</u> Navarro-Millan I, Singh JA, Curtis JR. Systematic review of tocilizumab for rheumatoid arthritis: a new biologic agent targeting the interleukin-6 receptor. Clin Ther. 2012;34(4):788-802 e783. Epub</p>	<p>2011-18</p>	<p>Co-mentor</p>	<p>Co-mentored a rheumatology fellow with Dr. Curtis (UAB) advising her on methods for</p>	<p>Assistant Professor, UAB Division of Rheumatology</p>

2012/03/27.  
doi:10.1016/j.clinthera.2012.02.014.  
PubMed PMID: 22444783; PubMed  
Central PMCID: PMC3805022.

conducting a  
systematic  
review,  
manuscript  
preparation

Navarro-Millan I, Yang S, DuVall SL, Chen  
L, Baddley J, Cannon GW, Delzell ES,  
Zhang J, Safford MM, Patkar NM, Mikuls  
TR, Singh JA, Curtis JR. Association of  
hyperlipidaemia, inflammation and  
serological status and coronary heart  
disease among patients with rheumatoid  
arthritis: data from the National Veterans  
Health Administration. Ann Rheum Dis.  
2015. doi:10.1136/annrheumdis-2013-  
204987. PubMed PMID: 25609412.

<u>Abhilasha Pandey, MBBS</u> Pandey A, Shahid H, Singh JA "Infections with biologics" manuscript under preparation	2015	Main	Main supervisor for research elective for her MPH degree. Weekly mentoring including review of study design, results, data interpretation, manuscript preparation	MPH student, School of Public Health, University of Alabama at Birmingham (UAB)
<u>Mausam Patidar, BPharm</u> Mentor for Systematic Review "Total Hip Arthroplasty for hip disorders"	2013	Main	Provided him guidance related to Systematic review methods	Student, MSPH, UAB School of Public Health
<u>Ana Oliveira, MPH</u> Singh JA, Hossain A, Kotb A, Oliveira A, Mudano AS, Grossman J, Winthrop K, Wells GA. Treatments for Lupus Nephritis: A Systematic Review and Network Metaanalysis. J Rheumatol. 2016. doi:10.3899/jrheum.160041. PubMed PMID: 27585688.	2011-14	Main	Weekly mentoring of a research associate including review of study design, results, data interpretation, manuscript preparation	Assistant Professor, UAB School of Public Health
<u>Rekha Ramachandaran, MPH</u> Singh JA, Ramachandaran R. Time trends in total ankle arthroplasty in the USA: a study of the National Inpatient Sample. Clin Rheumatol. 2014. doi:10.1007/s10067-014-2703-2. PubMed PMID: 24907036; PubMed Central PMCID: PMC4258518.	2012-14	Main	Weekly mentoring of a research associate including review of study design, results, data interpretation, manuscript preparation	Biostatistician I, UAB School of Public Health
Singh JA, Ramachandran R. Does rural residence impact total ankle arthroplasty				

utilization and outcomes? Clin Rheumatol. 2015. doi:10.1007/s10067-015-2908-z. PubMed PMID: 25771850.

Singh JA, Ramachandran R. Racial disparities in total ankle arthroplasty utilization and outcomes. Arthritis Res Ther. 2015;17(1):70. doi:10.1186/s13075-015-0589-2. PubMed PMID: 25889569; PubMed Central PMCID: PMC4392624

Singh JA, Ramachandran R. Sex differences in characteristics, utilization, and outcomes of patient undergoing total elbow arthroplasty: a study of the US nationwide inpatient sample. Clin Rheumatol. 2014. doi:10.1007/s10067-014-2778-9. PubMed PMID: 25316506

Singh JA, Ramachandran R. Are there racial disparities in utilization and outcomes after total elbow arthroplasty? Rheumatology international. 2015. doi:10.1007/s00296-015-3252-y. PubMed PMID: 25812536

Singh JA, Ramachandran R. Does Hospital Volume Predict Outcomes and Complications After Total Shoulder Arthroplasty in the US? Arthritis Care Res (Hoboken). 2015;67(6):885-890. doi:10.1002/acr.22507. PubMed PMID: 25370499; PubMed Central PMCID: PMC4418937

<p><u>Sebastian Sattui, MD</u> Sattui SE, Singh JA, Gaffo AL. Comorbidities in Patients with Crystal Diseases and Hyperuricemia. Rheumatic diseases clinics of North America. May 2014;40(2):251-278. Pubmed PMID: 24703346.</p>	<p>2013-14</p>	<p>Co-mentor</p>	<p>Co-mentored a research associate with Dr. Gaffo (UAB) advising him on methods for writing a review, manuscript preparation</p>	<p>PGY2 Internal Medicine Residency, UAB</p>
<p><u>Shahzad Noorbaloochi, BS</u> Singh JA, Noorbaloochi S, Singh G. Golimumab for rheumatoid arthritis. Cochrane Database Syst Rev. 2010 Jan 20;(1):CD008341.Pubmed PMID: 20091667.</p>	<p>2008-2014</p>	<p>Main</p>	<p>Weekly mentoring of a research associate including review of study design, results, data interpretation,</p>	<p>Research Associate, UAB Division of Rheumatology</p>

Singh JA, Noorbaloochi S, Singh G. Golimumab for rheumatoid arthritis: A systematic review. J Rheumatol. 2010 Jun;37(6):1096-104 Pubmed PMID: 20436075. manuscript preparation

Singh JA, Noorbaloochi S, McDonald R. Maxwell LJ. Chondroitin for osteoarthritis. Cochrane Database Syst Rev. 2015;1:CD005614. doi:10.1002/14651858.CD005614.pub2. PubMed PMID: 25629804.

<u>Angela Fabrini, BA</u> Primary Mentor for her MPH thesis project "Accuracy of ICD-9 diagnoses for osteoarthritis and other arthritis diagnosis in the VISN-13 Quality of life study" for the Masters Project for the Masters in Community Health, University of Minnesota School of Public Health	2008-2013	Main	Mentored her on master's thesis project	Research Coordinator, VA Med Center, Minneapolis, MN
<u>Joseph Kundukulam, BS</u> Singh JA, Kundukulam J, Riddle D, Strand V, Tugwell P. Early Postoperative Mortality Following Joint Arthroplasty: A Systematic Review of the Literature. In press, Journal of Rheumatology  Singh JA, Reddy SG, Kundukulam J. Risk factors for gout and prevention: a systematic review of the literature. Curr Opin Rheumatol. 2011 Mar;23(2):192-202. Pubmed PMID: 21285714.  Singh JA, Kundukulam JA, Bhandari M. A systematic review of validated methods for identifying orthopedic implant removal and revision using administrative data. Pharmacoepidemiol Drug Saf. 2012 Jan;21 Suppl 1:265-73. doi: 10.1002/pds.2309. Pubmed PMID: 22262616.  Singh JA, Kundukulam J, Bhandari M. Systematic review of Database Definitions of Orthopedic Implant removal or revision: Published, Food and Drug Administration, Rockville, Maryland	2010-2013	Main	Mentored a medical student for summer medical student observership, supervised him directly for the protocol and the review	4th year Medical Student, UAB School of Medicine
<u>Maren Hilton, MD</u> Hilton M, Noorbaloochi S, Singh JA. Increasing comorbidity and comorbidity severity is predictive of worsening Quality	2007-2012	Main	Weekly mentoring of a rheumatology fellow for several months including	Private practice, Arthritis & Rheumatology

of Life after Total Knee Arthroplasty. Published, BMC Musculoskeletal Disorders			review of study design, results, data interpretation, manuscript preparation	Consultants Minneapolis, MN
Award: Selected as one of the five American College of rheumatology (ACR) travel grant awardees to present her abstract at the 2008 Outcomes in Rheumatology Trials (OMERACT) meeting, May 26-31, Kananaskis, Canada.				
<u>Paul Sufka, MD</u> Sufka P, Singh JA. Increased Risk of Prostate Carcinoma in patients with Rheumatoid Arthritis (manuscript under Preparation)	2007-2012	Main	Weekly mentoring of a rheumatology fellow for several months including review of study design, results, data interpretation, manuscript preparation	Rheumatologist, Health Partners, Minneapolis, MN
<u>Ali Sajjad, MD</u> Sajjad A, Singh JA. "Determining Accuracy/Validity of Administrative Data Definitions of Acute Gouty Arthritis" Accepted as Late Breaking Abstract for the 2008 American College of Rheumatology (ACR) meeting, October 25-28, San Francisco, CA	2007-2010	Main	Weekly mentoring of a rheumatology fellow for several months including review of study design, results, data interpretation, manuscript preparation	Assistant Professor of Medicine, University of Minnesota & Staff Rheumatologist, Minneapolis VA Medical Center
<u>Patrick Morgan, MD</u> Hightower C, Hightower L, Morgan P, Gioe T, Singh JA. Is Office Visit Necessary? Predicting TKA Revision Risk using Outcomes scores. Published, BMC Musculoskeletal Disorders	2009-2012	Main	Co-mentored an orthopedic junior faculty with Dr. Gioe; review of study design, results, data interpretation, manuscript preparation	Assistant Professor, Department of Orthopedic Surgery, University of Minnesota
<u>Erik Severson, MD</u> Severson E, Singh JA, Trousdale R, Saar M, Lewallen D. Total Knee Arthroplasty in Morbidly Obese Patients Treated with Bariatric Surgery: A Comparative Study. J Arthroplasty. 2012;27:1696-700. Pubmed PMID: 22554730.	2009-2012	Co-mentor	Co-mentored an orthopedic surgery resident with Dr. Lewallen (Mayo); review of study design, results, data interpretation, manuscript preparation	Private practice, Minnesota Center for Orthopaedics, Crosby, Minnesota

<p><u>Supriya Reddy, MPH, PhD</u> Singh JA, Reddy SG, Kundukulam J. Risk factors for gout and prevention: a systematic review of the literature. Curr Opin Rheumatol. 2011 Mar;23(2):192-202. Pubmed PMID: 21285714.</p>	2010-2011	Main	Weekly mentoring of a research associate for several months including review of study design, results, data interpretation, manuscript preparation	Assistant Professor, University of Alabama, Tuscaloosa
<p>Book Chapter: Singh JA, Reddy S. Quality of care in Gout. Elsevier. In, Gout. Editor, Terkeltaub, R.</p>				
<p><u>Saba Beg, MD</u> Singh JA, Beg S, Lopez-Olivo A. Tocilizumab for rheumatoid arthritis. Cochrane Database Syst Rev. 2010 Jul 7;7:CD008331. Pubmed PMID: 20614469.</p>	2009-2010	Main	Weekly mentoring of a rheumatology fellow for several months during year 2 of her fellowship including review of study design, results, data interpretation, manuscript preparation	Rheumatology fellow, Washington University School of Medicine, St. Louis, MO
<p>Singh JA, Beg S, Lopez-Olivo. Tocilizumab for Rheumatoid arthritis: A Cochrane Systematic Review. J Rheumatol. 2011;38:10-20 Pubmed PMID: 20952462.</p>				
<p><u>Kelley McMaken, MPH</u> Singh JA, Sperling J, Buchbinder R, McMaken K. Surgery for Shoulder Osteoarthritis. Cochrane Database Syst Rev. Published, 2010</p>	2008-2010	Main	Weekly mentoring of a research associate for several months including review of study design, results, data interpretation, manuscript preparation	Program Manager, ResDac, University of Minnesota, MN
<p>Singh JA, Sperling J, Buchbinder R, McMaken K. Surgery for Shoulder Osteoarthritis: A Cochrane Systematic Review. J Rheumatol. 2011;38:598-605. Pubmed PMID: 21239751.</p>				
<p><u>Charles Hightower, MD</u> Hightower C, Hightower L, Morgan P, Gioe T, Singh JA. Is Office Visit Necessary? Predicting TKA Revision Risk using Outcomes scores. Manuscript under review, British Joint Journal</p>	2009-2010	Co-mentor	Co-mentored an orthopedic surgery resident with Dr. Gioe (Univ of Minnesota); review of study design, results, data interpretation, manuscript preparation	Private practice, Orthopaedic Surgery, Minnesota
<p><u>Patrick Fitzgerald, MPH</u> Singh JA, Fitzgerald PM. Botulinum toxin for shoulder pain: a Cochrane systematic review. J Rheumatol. 2011 Mar;38(3):409-</p>	2007-2010	Main	Weekly mentoring of a research associate for several months including review	Programmer, Minnesota Department of health

<p>18. Epub 2011 Feb 1. Pubmed PMID: 21285169.</p>	<p>of study design, results, data interpretation, manuscript preparation</p>			
<p>Singh JA, Fitzgerald PM. Botulinum toxin for shoulder pain. Cochrane Database Syst Rev. 2010 Sep 8;9:CD008271. Pubmed PMID: 20824874.</p>				
<p><u>Easha Narayan</u> Mentor for Extra school credits "Medical Research"</p>	<p>2009-2010</p>	<p>Main</p>	<p>Weekly mentoring of a high-school student during a 1-month elective including concepts of medical research and how to develop a research question</p>	<p>Junior year, Bachelors degree in Chemistry, Dartmouth College in Hanover, NH</p>
<p><u>Niraj Kalore, MD</u> Kalore NV, Gioe TJ, Singh JA. Diagnosis and Management of Infected Total Knee Arthroplasty. Open Orthopedics Journal.2011; 5:86-91. Pubmed PMID: 21584272.</p>	<p>2007-2011</p>	<p>Main</p>	<p>Co-mentored an orthopedic fellow with Dr. Gioe; review of study design, results, data interpretation, manuscript preparation</p>	<p>Private practice, Orthopedic practice, Chester, SC</p>
<p>Singh JA, Kalore N, Kundukulam J. Total joint replacement surgery versus conservative care for hip osteoarthritis and other non-traumatic diseases (protocol). In press, Cochrane Database Syst Rev. DOI: 10.1002/14651858.CD010731. Published Online: 3 SEP 2013</p>				
<p><u>Marty Mertens, MD</u> Mertens M, Singh JA. Anakinra for rheumatoid arthritis. Cochrane Database Syst Rev. 2009 Jan 21;(1):CD005121. Pubmed PMID: 19160248.</p>	<p>2008-2009</p>	<p>Main</p>	<p>Weekly mentoring of a rheumatology fellow for several months during fellowship year 2 including review of study design, results, data interpretation, manuscript preparation</p>	<p>Rheumatologist, Health Partners, Minneapolis, MN</p>
<p>Mertens M, Singh JA. Anakinra for Rheumatoid Arthritis: A Systematic Review. J Rheumatol. 2009 Jun;36(6):1118-25. Epub 2009 May 15. Pubmed PMID: 19447938.</p>				
<p>Mertens M, Singh JA. Biomarkers in Arthroplasty: A systematic review. Open Orthopedics Journal 2011; 5:92-105. Pubmed PMID: 21584201.</p>				

<u>Semi Ayub, MD</u> Singh JA, Ayub S. Accuracy of VA Databases for Diagnoses of Knee Replacement and Hip Replacement. Osteoarthritis Cartilage. 2010;18:1639-42. Pubmed PMID: 20950694.	2007-2010	Main	Weekly mentoring of a rheumatology fellow for several months including review of study design, results, data interpretation, manuscript preparation	Private practice, St. Croix Falls, WI
<u>Gaurav Khanna, MD</u> Khanna G, Gioe T, Singh JA. Comparison of patient-reported and physician-assessed outcomes after Total Knee Arthroplasty. J Bone Joint Surg Am. 2011 Oct 19;93(20):e1171-7. Pubmed PMID: 22012534.	2007-2010	Main	Co-mentored an orthopedic resident with Dr. Gioe; review of study design, results, data interpretation, manuscript preparation	Private practice, Orthopaedic practice at Kaiser Permanente Baldwin Park, Baldwin Park, CA
<u>Michael Johnson, MD</u> Johnson MR, Singh JA, Stewart T, Gioe TJ. Patient understanding and satisfaction in informed consent for total knee arthroplasty: A randomized study. Arthritis Care Res (Hoboken). 2011 Jul;63(7):1048-54. doi: 10.1002/acr.20475. Pubmed PMID: 21485018.	2007-2010	Main	Co-mentored an orthopedic resident with Dr. Gioe (Univ of Minnesota); review of study design, results, data interpretation, manuscript preparation	Private practice, Red Wing Medical Center, Red Wing, MN
<u>Salman Waheddudin, MD</u> Waheddudin S, Singh JA, Culhane-Pera KA, Gertner E. Gout in the Hmong in the United States. J Clin Rheumatol. 2010 Sep;16(6):262-6. Pubmed PMID: 20808166.	2007-2010	Main	Weekly mentoring of a rheumatology fellow for several months including review of study design, results, data interpretation, manuscript preparation	Assistant Professor of Medicine, University of Minnesota & Staff Rheumatologist, Fairview Health care system
<u>Steven Murphy, BS</u> Singh JA, Murphy S, Bhandari M. Trial sample size, but not trial quality, is associated with positive study outcome. J Clin Epidemiol. 2010 Feb;63(2):154-62. Epub 2009 Aug 27. Pubmed PMID: 19716266.	2007	Main	Weekly mentoring for of a graduate student for a 2-month research elective including review of study design, results, data interpretation,	PGY3, Osteopathic medicine program, Des Moines University, IA



Singh JA, Murphy S, Bhandari M. Assessment of the Methodologic Quality of Medical and Surgical Clinical Trials in Patients with Arthroplasty. J Rheumatol. 2009 Dec;36(12):2642-54. Epub 2009 Nov 2. Pubmed PMID: 19884268.			manuscript preparation	
<u>Asokan Vengan, MA</u> Primary Mentor and Supervisor for 300 hours field clinical research experience for the Master of Science in Administration (Health Services Administration) Degree program, Central Michigan University, Mount Pleasant, Michigan	2008	Main	Weekly mentoring for 2-month research elective	Completing Nursing Home Administrator course, MN
<u>Anton Kushnaryov, MD</u> Singh JA, Mahowald ML, Kushnaryov A, Goelz E, Dykstra D. Repeat Injections of Intra-articular Botulinum Toxin A for the Treatment of Chronic Arthritis Joint Pain – A Case Series Review. J Clin Rheumatol. 2009 Feb;15(1):35-8. Pubmed PMID: 19131763.  Award: National Medical Student Research Poster Competition Finalist, American College of Physicians Internal Medicine 2007 Conference	2006	Main	Weekly mentoring for 2-month research elective of a medical student including review of study design, results, data interpretation, manuscript preparation	Assistant Professor, UCSD and Staff Surgeon, Department of General Surgery, VA San Diego Health care system, San Diego, CA
<u>Elizabeth Goelz, BS</u> Singh JA, Mahowald ML, Kushnaryov A, Goelz E, Dykstra D. Repeat Injections of Intra-articular Botulinum Toxin A for the Treatment of Chronic Arthritis Joint Pain – A Case Series Review. J Clin Rheumatol. 2009 Feb;15(1):35-8. Pubmed PMID: 19131763.	2005	Main	Weekly mentoring for 2-months research elective of a medical student including review of study design, results, data interpretation, manuscript preparation	Assistant Professor of Medicine, University of Minnesota and Hennepin County Medical Center, Minneapolis, MN
<u>Susan Leonard, MD</u> Canales BK, Leonard SM, Singh JA, Orzano IM, Zimmermann B, Weiland D, Monga M, Krug HE. Spondyloarthropathy: An independent risk factor for kidney stones. Journal of Endourology 2006; 20(8):542-546.  Award: Trainee travel grant for poster presentation at the 2005 Central Society for Clinical Research meeting, Chicago.	2003-2005	Senior	Weekly mentoring of a rheumatology fellow with Dr. Krug (Univ of Minnesota); for several months including review of study design, results, data interpretation, manuscript preparation	Private Practice, CentraCare Clinic - River Campus, St. Cloud, MN

<u>Aaron Holmgren, MD</u> Singh JA, Holmgren A, Krug H, Noorbaloochi S. Accuracy of the diagnoses of spondylarthritides in Veterans Affairs medical center databases. Arthritis Rheum 2007 May 15; 57(4):648-55.  Singh JA, Holmgren AR, Noorbaloochi S. Accuracy of Veterans Administration Databases for a diagnosis of Rheumatoid Arthritis. Arthritis Care & Research (Arthritis & Rheumatism) 2004; 51(6): 952-7. Pubmed PMID: 15593102.	2003-2004	Main	Weekly mentoring of an Internal Medicine resident for 1-month research elective followed by several months of weekly meetings including review of study design, results, data interpretation, manuscript preparation	Private Practice, CentraCare Clinic - River Campus, St. Cloud, MN
<u>Donna Fontana, MD</u>	2001-2002	Senior	Co-mentored of a rheumatology fellow with Dr. Messner (Univ of Minnesota) during fellowship year 2	Private practice, Arthritis and Rheumatology Consultants Minneapolis, MN
<u>Juris Lazovskis, MD</u> Award: EULAR travel bursary for Selected "best abstracts" for presentation at the 2002 Annual European League Against Rheumatism (EULAR) meeting.	2001-2002	Co-mentor	Co-mentor of rheumatology fellow with Dr. Mahowald (Univ of Minnesota) during fellowship year 2	Private practice, Sydney, Nova Scotia, Canada
<u>Ashish Kurundkar, MBBS, MPH</u> Primary Mentor for teaching methods regarding Cochrane systematic reviews using the example- "Epidemiology of primary and secondary prevention of gout"	2010	Main	Mentoring of a public health student in research methods, 2 months	Unknown (previously, Masters Student, UAB School of Public Health)

**TEACHING EXPERIENCE:***UAB School of Medicine*

UAB Internal Medicine Resident Journal Club – Cardiovascular Toxicity of Febuxostat in Gout	5/2021
UAB Rheumatology Journal Club Upadacitinib in Rheumatoid Arthritis	12/2020
UAB Rheumatology Journal Club – Nurse-led program in gout	3/2019
UAB Rheumatology Journal Club – Canakinumab in myocardial infarction	2/2018
UAB Rheumatology Grand Rounds: Gout (Fellows Orientation Talk)	7/2017

Singh, Jasvinder MD, MPH

UAB Rheumatology Journal Club – Topiroxostat in gout	3/2017
UAB COERE Work-in-Progress: A Randomized trial of Individualized Medication Decision-Making with Decision-Aid in Lupus nephritis	12/2016
UAB Rheumatology Grand Rounds: Gout (Fellows Orientation Talk)	8/2016
UAB Medicine Grand Rounds: Rheumatoid arthritis in 2016	5/2016
UAB Rheumatology Journal Club - Secukinumab in Plaque Psoriasis	9/2015
Introduction to clinical medicine (ICM) - Musculoskeletal Teaching Session	8/2015
UAB Rheumatology Fellows Orientation Talk- Crystalline arthritis	7/2015
UAB Rheumatology Journal Club – Tapering RA treatment	4/2015
UAB CERTs Work in Progress – Gout Outcomes	3/2015
UAB Rheumatology Grand Rounds – Gout	10/2014
UAB Gout Research Day- Effectiveness and Safety of Gout treatments	9/2014
UAB Rheumatology Journal Club – Tofacitinib versus Methotrexate in RA	9/2014
Introduction to clinical medicine (ICM) - Musculoskeletal Teaching Session	8/2014
UAB Rheumatology Fellows Orientation Talk- Crystalline arthritis	7/2014
UAB CERTs Work in Progress - Individualized Decision Aid in Lupus	5/2014
UAB Lupus research Update- Individualized Decision Aid in Lupus	4/2014
UAB Orthopaedic Residents Research Talk- Cochrane Systematic Reviews	2/2014
UAB Rheumatology Journal Club – Surgery for meniscal tear	1/2013
UAB Health Services, Outcomes, and Effectiveness Research (HSOER) Methods Seminar: Evidence Synthesis: Systematic Reviews and Meta-analyses	10/2013
UAB Internal Medicine Resident’s Noon Conference: Gout: The King of diseases, but no longer the Disease of the Kings	8/2013
UAB CERTs Work in Progress: Determinants of Achieving Target Serum Urate in Gout and Safety of Gout Treatments	8/2013
Introduction to clinical medicine (ICM) - Musculoskeletal Teaching Session	8/2013
UAB Rheumatology Fellows Orientation Talk- Crystalline arthritis: Gout	7/2013
UAB Orthopaedic Residents Research Talk- Cochrane Systematic Reviews	3/2013

Singh, Jasvinder MD, MPH

UAB HSR CERTP Fellows Meeting: Systematic Reviews	3/2013
UAB Innate Immunology course lecture: Gout and Pseudogout	2/2013
UAB CERTs Book Review: Advanced Methods in Meta-analysis	1/2013
UAB Rheumatology Journal Club – Tofacitinib for rheumatoid arthritis	1/2013
UAB Rheumatology Fellows Orientation – Gout: an update	7/2012
UAB Medical Grand Rounds – Treatment of Rheumatoid arthritis in 2012	5/2012
UAB Orthopedic Interns Research Talk – Evidence-based Orthopedics and systematic reviews	2/2012
UAB Rheumatology Journal Club –Bisphosphonates in joint arthroplasty	1/2012
Introduction to clinical medicine (ICM) - Musculoskeletal Teaching Session	8/2011
UAB Rheumatology Fellows Orientation – Crystalline Arthritis: Gout and Pseudogout	7/2011
UAB CERTs Work in Progress - Comparative Effectiveness in Gout	6/2011
UAB Rheumatology Journal Club –Allopurinol in Heart disease	6/2011
Gout and Inflammasomes	3/2011
UAB Orthopedic Interns Research Symposium – Evidence-based Orthopedics	3/2011
UAB Rheumatology Fellows Orientation – Gout: an update	7/2010
UAB Annual Orthopedic Residents Research Seminar - Outcomes after Total Knee Arthroplasty	6/2010
UAB Orthopedic Interns Research Symposium – How to assess validity?	4/2010
UAB Rheumatology Journal Club – Prosthetic Joint Infection risk post-arthroplasty	3/2010
UAB CERTs Epidemiology Book Review - How to assess burden of disease?	2/2010
UAB Orthopedic Grand Rounds- Patient-reported outcomes following knee arthroplasty	1/2010
UAB Rheumatology Journal Club –Risk of Herpes Zoster in RA patients with TNF agents	1/2010
<i>University of Minnesota School of Medicine and Minneapolis VA Medical Center</i>	
Minneapolis VA Medical Center Medicine Research Club –Pessimism and arthroplasty outcomes	6/2009

Singh, Jasvinder MD, MPH

Minneapolis VA Internal Medicine Resident Lecture – Rheumatology Board Review	12/2008
Minneapolis VA Medical Center Medicine Research Club – Knee Arthroplasty Outcomes	6/2008
University of Minnesota Physical Medicine and Rehabilitation Resident Lecture – Gout	5/2008
University of Minnesota Rheumatology Fellowship Didactic – Epidemiology of Rheumatic Disease	1/2008
Minneapolis VA Internal Medicine Resident Lecture – Gout	3/2008
University of Minnesota Med Student Musculoskeletal Bell Ringer sessions – Joint Examination	12/2007
Minneapolis VA Rheumatology Conference – Update for Gout	11/2007
University of Minnesota Rheumatology Conf – Botulinum Toxin A for Joint Pain	11/2007
Minneapolis VA Orthopedics Conference – Botulinum Toxin A for Joint Pain	10/2007
Minneapolis VA Medical Grand Rounds – Neurotoxin Treatment for Joint Pain	9/2007
Minneapolis VA Rheumatology Division Rounds – Botulinum Toxin for Painful Joints	4/2007
University of Minnesota Orthopedics Grand Rounds – Quality of Life in TKA and THA	3/2007
Minneapolis VA Internal Medicine Resident Lecture – Vasculitis	3/2007
University of Minnesota Orthopedics Grand Rounds– Botulinum Toxin for Painful Joints	12/2006
University of Minnesota Medical Student Bell Ringer Session – Joint Disorders	2/2006
Minneapolis VA Medical Grand Rounds – Total Knee and Total Hip Arthroplasty	10/2006
Minneapolis VA Orthopedics Conference – Botulinum Toxin for Painful Prostheses	10/2006
University of Minnesota Rheumatology Fellowship Didactic Session – Clinical Trials I	3/2006
University of Minnesota Rheumatology Fellowship Didactic Session –HIV and joint disease	3/2006
Minneapolis VA Medicine Journal Club – Quality of Life and utilization in Gout	8/2006
University of Minnesota Rheumatology Fellowship Didactic Session – Clinical trials II	6/2006

Singh, Jasvinder MD, MPH

University of Minnesota Rheumatology Fellowship Didactic Session – Small vessel vasculitis	6/2006
University of Minnesota Rheumatology Journal Club – Functional limitation in Gout	2/2006
University of Minnesota Rheumatology Fellowship Didactic – Rheumatic Disease Epidemiology	11/2005
University of Minnesota Rheumatology Fellowship Didactic Session – Lupus	11/2005
University of Minnesota Rheumatology Fellowship Didactic Session – Rheumatoid factor, ANA	8/2005
University of Minnesota Rheumatology Fellowship Didactic Session – Treatment for RA	8/2005
Minneapolis VA Orthopedics Conference – Botulinum Toxin for Arthritis Pain	7/2005
Rheumatology Fellows’ Orientation Lecture Series – Being a Consultant	7/2005
Rheumatology Fellows’ Orientation Lecture Series – Statistical Pearls	7/2005
Minneapolis VA CCDOR Brown Bag Conference – Quality of Gout Care	6/2005
University of Minnesota Rheumatology Fellowship Didactic – Evidence-Based Rheumatology	6/2005
Minneapolis VA Rehabilitation Medicine Grand Rounds – Botulinum Toxin A for Painful Joints	6/2005
Minneapolis VA Medicine Journal Club – Trial of Atorvastatin in Rheumatoid Arthritis (TARA)	6/2005
University of Minnesota Rheumatology Journal Club --Durability of primary knee arthroplasty	6/2005
University of Minnesota Rheumatology Fellowship Didactic Session – Manifestations of HIV	5/2005
Minneapolis VA Medical Grand Rounds – Chronic Hepatitis C	3/2005
Minneapolis VA Medicine Journal Club – Accuracy of Patient Self-report	3/2005
Minneapolis VA Scholars Research Conference – Quality of Gout Care	3/2005
University of Minnesota Rheumatology Journal Club – Accuracy of arthritis self report	2/2005
Minneapolis VA Medical Grand Rounds – Update on Gout	12/2004
University of Minnesota Medical Student Bell Ringer sessions –Joint Disorders	12/2004

Singh, Jasvinder MD, MPH

University of Minnesota Rheumatology Fellowship Didactic – Psoriatic arthritis /IBD/Sappho	11/2004
Minneapolis VA Internal Medicine Lecture – Rheumatology Board Review	7/2004
University of Minnesota Rheumatology Fellowship Didactic – Design of Clinical Trials	6/2004
University of Minnesota Rheumatology Fellowship Didactic Session – Bacterial arthritis	6/2004
University of Minnesota Rheumatology Fellowship Didactic – Prostaglandins, Mast cells	2/2004
University of Minnesota Rheumatology Fellowship Didactic Session – Vasculitis	2/2004
University of Minnesota Rheumatology Fellowship Didactic – Evidence-based Rheumatology	11/2003
University of Minnesota Rheumatology Fellowship Didactic Session – Lupus	11/2003
Minneapolis VA Medicine Journal Club – Quality of Life in Arthritis	11/2003
Minneapolis VA Internal Medicine Lecture – Gout and Pseudogout	11/2003
Minneapolis VA Internal Medicine Lecture – Vasculitis	2/2003
Minneapolis VA Internal Medicine Lecture – Systemic Lupus Erythematosus	10/2002
Minneapolis VA Medicine Journal Club – High Impact Rheumatology Study	10/2002
Minneapolis VA Medical Grand Rounds – Heart Disease in SLE	3/2002

## **NEW EDUCATIONAL PROGRAM**

I conducted and led the “VA Rheumatology Case of the Week conference”, a new weekly conference lasting 1-hour from 10/2007 to 12/2009 at the Minneapolis VA Medical center. This conference evolved from presentation of an important clinical case-based question by the resident/fellow and discussion by the attending (me) to a conference at which the resident/rheumatology fellow presents a clinical question and reviews one to four articles that address that question, sometimes with other team members reviewing the articles. The attending (myself) and the rheumatology fellow helped the resident in finding the pertinent state-of-the-art articles. Following are few examples:

- 1/18/2008 Treatment of ANCA-associated vasculitis (Hilton) JAMA 2007; 298 (6): 652
- 1/25/2008 Cryoglobulinemic vasculitis (Hilton) Current Opinion in Rheumatology 2006; 18:54-63
- 2/1/2008 TNF inhibitors and risk of CHF- what is the evidence? (Hilton) Arthritis Res Ther 2005; 7:195
- 2/15/2008 Treatment of Scleroderma lung disease: Cyclophosphamide or Mycophenolate mofetil (Dunphy)

Singh, Jasvinder MD, MPH

- NEJM 2006; 354 (25): 2655 & Arthritis and Rheumatism 2006 Gender Differences in RA: What is the etiology? (Boull) Scandinavian
- 2/29/2008 Journal of Rheumatology 2006; 35 (3):169 & Rheumatology 2007; 46 (1):120
- 3/14/2008 Treatment of Rheumatoid Arthritis- Evidence from RCTs (Patnaik) NEJM 1996; 334:1287
- 4/11/2008 Achieving target uric acid in gout patients (Bishu) Journal of Rheumatology 2001; 28:577
- 5/02/2008 Effect of Allopurinol on renal function? (Bishu) Am J Kidney Dis 2006; 47:51-59
- 5/16/2008 Periodic Fever Syndrome: TRAPS (Sajjad) Arthritis Research and Therapy 2007; 9(4):217
- 5/23/2008 Reactive Arthritis (Leuck) Annals of Rheumatic Diseases 2005; 64:594-598
- 6/13/2008 Anti-CCP and rheumatoid factor in RA (Chapman) Clin Rheumatol 2007;26:1883-89
- 9/19/2008 Pulmonary involvement in rheumatic diseases (Kluka) Sem Resp Crit Care 2007;28:369-378
- 9/26/2008 Systemic Lupus Erythematosus- review (Saab) Lancet 369:587-96
- 10/11/2008 Increased Incidence of CVS in RA (Saab) Annals of Rh Dis; 2004;63:952-55
- 11/14/2008 Alendronate in premenopausal women (Haas) J Rheumatol 2008;35:2249-54
- 12/13/2008 Off-label use of biological Therapies in Autoimmune diseases (Haw) Medicine 2008;87:345
- 1/02/2009 Aggressive Therapy for Neurosarcoidosis (Haw)
- 1/08/2009 Does This Patient Have Temporal Arteritis? (Hebl) JAMA
- 1/16/2009 Autoantibodies in idiopathic Inflammatory myopathy (Mitchell)
- 1/23/2009 Oral Cyclophosphamide and Active Scleroderma Lung Disease (Chau) A&R 2007;56:1676
- 1/30/2009 Azathioprine or Methotrexate for ANCA-Associated Vasculitis (Muthyala) NEJM 359;
- 3/13/2009 Cardiovascular comorbidity in rheumatic diseases (Geier) Vascular Health & Risk Management 2008
- 3/20/2009 Injection therapy for rheumatoid nodules (Geier) Br J Rheumatol 1992;31:775-777
- 3/27/2009 Etanercept for Wegner's Granulomatosis (Akbar) NEJM 2005
- 4/10/2009 Febuxostat for Gout (Powell) NEJM 2005
- 5/12/2009 Treatment of HCV-Related Mixed Cryoglobulinemia (Mazhar) Curr Med Chem 2008;15:117

**COUNCILS AND COMMITTEES:**

Year	Leadership position	Role Played
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**International**

2018	Co-Director and Co-chair (Singh, Wells, Sloan), OMERACT Newbie session, OMERACT-2018, Terrigal, Australia, May 14-18, 2018	<ul style="list-style-type: none"><li>• Developed course materials for a 3-hour introductory session at OMERACT-2018</li><li>• Co-chaired the session and gave 1 of the 2 key talks for 25 attendees</li></ul>
2016	Co-Director and Co-chair (Singh, Wells, Sloan), OMERACT Newbie session, OMERACT-2016, Whistler, Canada, May 10-14, 2016	<ul style="list-style-type: none"><li>• Developed course materials for a 4-hour introductory session at OMERACT-2016</li><li>• Co-chaired the session and gave 1 of the 2 key talks for 40-60 attendees</li></ul>
2014-	Member, OMERACT Working Group on Pain	<ul style="list-style-type: none"><li>• Participated in developing agenda for the working group, reviewing results and authorship of the papers</li></ul>
2014-2018	Member, International Society of Arthroplasty Registries (ISAR) Quality Improvement Committee	<ul style="list-style-type: none"><li>• Participated in consensus for quality improvement measures for arthroplasty outcome for registries and practice</li></ul>
2014	Invited participant, Analgesic, Anesthetic, and Addiction Clinical Trial Translations, Innovations, Opportunities, and Networks (ACTION) IMPACT-OMERACT meeting, Washington D.C., Pain and Physical Function	<ul style="list-style-type: none"><li>• Helped develop agenda for assessment of function in pain trials</li><li>• Gave a key talk on physical function</li></ul>
2014	Co-Director (Singh, Sloan), OMERACT Newbie session, OMERACT-2014, Budapest, Hungary, May 7-10, 2014	<ul style="list-style-type: none"><li>• Developed course materials for a 4-hour introductory session at OMERACT-2014</li><li>• Co-chaired the session and gave 1 of the 2 key talks for 40-60 attendees</li></ul>
2013- 2014	Chair, American College of Rheumatology (ACR) Fellow Selection Committee for Outcome Measures in Rheumatology (OMERACT)-12 Meeting	<ul style="list-style-type: none"><li>• Constituted the fellow selection committee</li><li>• Led the development of assessment criteria and final fellow selection</li></ul>
2013-	Director, UAB Cochrane Musculoskeletal Group Satellite Center	<ul style="list-style-type: none"><li>• Developed a plan to start a new center and garner resources and commitment from leadership</li><li>• Supervise a team to identify priority areas for Cochrane reviews/NMAs, and coordinate their completion</li></ul>
2011- 2012	Chair, American College of Rheumatology (ACR) Fellow Selection Committee for Outcome Measures in Rheumatology (OMERACT)-11 Meeting	<ul style="list-style-type: none"><li>• Constituted the fellow selection committee</li><li>• Led the development of assessment criteria and final fellow selection</li></ul>
2012	Co-chair, OMERACT Working Group on Outcomes Measures in Gout	<ul style="list-style-type: none"><li>• Co-led the constitution of a new working group</li><li>• Organize the scientific work</li></ul>

		<ul style="list-style-type: none"> <li>• Direct the presentations by the team</li> </ul>
2011-	Steering Committee Member, Inaugural Cochrane Musculoskeletal Review Group Advisory Panel	<ul style="list-style-type: none"> <li>• Advised the Cochrane group regarding scientific and administrative issues related to completing review.</li> </ul>
2010-	Deputy Theme leader for the generic methodology stream, OMERACT	<ul style="list-style-type: none"> <li>• Worked with Theme Leader to identify and work with all working groups presenting every 2 years at the face-to-face OMERACT meeting</li> </ul>
2010-	Member, OMERACT Executive Committee	<ul style="list-style-type: none"> <li>• Identify and meet challenges for continuing funding support</li> <li>• Organize the meeting every 2 years</li> <li>• Facilitate publications every 2 years</li> </ul>
2009- 2010	Chair, ACR-OMERACT Fellow Selection Committee for the OMERACT-10 Meeting	<ul style="list-style-type: none"> <li>• Constituted the fellow selection committee</li> <li>• Led the development of assessment criteria and final fellow selection</li> </ul>
2008-	Co-chair, OMERACT Working Group on Outcomes Measures in Knee and Hip Replacement Trials	<ul style="list-style-type: none"> <li>• Co-led the constitution of a new working group</li> <li>• Organize the scientific work and presentations by the team</li> </ul>
2007-2008	Chair, ACR-OMERACT Fellow Selection Committee for the OMERACT-9 Meeting	<ul style="list-style-type: none"> <li>• Constituted the fellow selection committee</li> <li>• Led the development of assessment criteria and final fellow selection</li> </ul>

**National**

2021-22	Member, Arthritis Foundation Gout Expert Panel	<ul style="list-style-type: none"> <li>• Assist Arthritis Foundation in setting priorities for gout research and education</li> </ul>
2021-24	Member, PCORI Advisory Panel on Rare Disease	<ul style="list-style-type: none"> <li>• Assist PCORI in setting priorities for patient-centered research in rare diseases</li> </ul>
2019-	Chair, VA National Rheumatology Field Advisory Committee (FAC)	<ul style="list-style-type: none"> <li>• Bring issues of importance to patients with rheumatic diseases and their providers to the leadership at the central office, Washington, DC</li> <li>• Lead the VA pharmacy benefits management (PBM) regarding the formulary and non-formulary indications for new medications for the treatment of rheumatic diseases</li> <li>• Co-lead the implementation effort for the National VA CERNER (a new electronic health record transition for the VA system) to the rheumatology providers in phase 1 implementation in the Washington state</li> </ul>

2019-	Member, U.S. Food and Drug Administration (FDA) Arthritis Advisory Committee	Assist the FDA in the review of new drugs for rheumatic diseases
2016-	Co-Chair, ACR Annual Meeting Epidemiology and Public Health Abstract selection Committee	<ul style="list-style-type: none"><li>• Organized all abstracts (200 or more) submitted to the abstract category for the ACR Annual meeting into various themes</li><li>• Constituted review teams by inviting 3 reviewers on my team</li><li>• Reviewed and selected best abstracts and ensured review completion by other team members</li><li>• Recommended best scientific abstracts for oral sessions</li></ul>
2018-	Member, Internal Advisory Committee, Gout Education Society	<ul style="list-style-type: none"><li>• Advised the Gout Education Society Board regarding patient education campaigns</li><li>• Participated in discussions on new initiatives</li><li>• Contributed to the development of the website content</li></ul>
2013-2017	Chair, ACR Meet-the-Professor, Workshop and Study Group Subcommittee	<ul style="list-style-type: none"><li>• Organized meetings to review and finalize 80 Meet-the-Professor sessions, 45-50 workshops, and 40-80 study groups every year</li><li>• Invited all presenters and ensure content per standards</li><li>• Addressed personnel and other issues related to cancellations and other challenges</li></ul>
2012-2013	Co-Chair, ACR Annual Meeting Epidemiology and Health Services Research Abstract selection Committee	<ul style="list-style-type: none"><li>• Organized all abstracts (200 or more) submitted to the abstract category for the ACR Annual meeting into various themes</li><li>• Constituted review teams by inviting 3 reviewers on my team</li><li>• Reviewed and selected best abstracts and ensured review completion by other team members</li><li>• Recommended best scientific abstracts for oral sessions</li></ul>
2011-2014	Member, ACR Guidelines Subcommittee	<ul style="list-style-type: none"><li>• Developed priority for new ACR treatment guidelines</li><li>• Reviewed applications in response to RFA to judge and select meritorious applications</li></ul>
2010-2017	Member, ACR Annual Meeting Planning Committee (AMPC)	<ul style="list-style-type: none"><li>• Proposed and developed 3-5 new symposiums every year</li><li>• Developed innovative sessions</li><li>• Invited all presenters and ensured content per standards</li></ul>

Singh, Jasvinder MD, MPH

2010-2013	Member, Meet-the-Professor, Workshop and Study Group Subcommittee	<ul style="list-style-type: none"><li>• Assisted the chair in organizing meetings to review and finalize 80 Meet-the-Professor sessions, 45-50 workshops, and 40-80 study groups every year</li><li>• Invited all presenters and ensured content per standards</li><li>• Addressed personnel and other issues related to cancellations and other challenges</li></ul>
2009-2019	Member, VA National Rheumatology Field Advisory Committee (FAC)	<ul style="list-style-type: none"><li>• Brought issues of importance to patients with rheumatic diseases and their providers to the leadership at the central office, Washington, DC</li><li>• Assisted the VA pharmacy benefits management (PBM) regarding the formulary and non-formulary indications for new medications for the treatment of rheumatic diseases</li><li>• Co-led the implementation effort for the National VA CERNER (a new electronic health record transition for the VA system) to the rheumatology providers in phase 1 implementation in the Washington state</li><li>• Lead the development of gout education program</li></ul>
2007-	ACR Liaison to the OMERACT	<ul style="list-style-type: none"><li>• Ensured a clear communications between two major international organizations, and fostering a collaborative relationship</li><li>• Led the approval and continued funding of the ACR-OMERACT program starting in 2008-2014</li></ul>
2005-2007	Member, VA Rheumatology Consortium's (VARC) Quality Indicator Committee	<ul style="list-style-type: none"><li>• Led the discussions related to which quality measures are candidates for rheumatic diseases at the VA</li></ul>
2004-2008	Committee Member, ACR Annual Meeting Planning Committee (AMPC)	<ul style="list-style-type: none"><li>• Proposed and developed 3-5 new symposiums every year</li><li>• Developed innovative sessions</li><li>• Invited all presenters and ensured content per standards</li></ul>
2004-2008	Committee Member, ACR Standing Committee on Quality of Care (QoC)	<ul style="list-style-type: none"><li>• Founding committee member for this new ACR committee</li><li>• Developed agenda and role of quality for the ACR</li></ul>
2004-2007	Co-Chair, ACR Subcommittee on Response and Classification Criteria (SRC)	<ul style="list-style-type: none"><li>• Founding subcommittee co-chair</li><li>• Developed standards for criteria development</li><li>• Developed a priority list for diseases where criteria were needed, or needed to be updated</li></ul>

- Reviewed applications in response to 3-4 Requests for proposals
- Reviewed 1-3 completed criteria sets for approval and endorsement by the ACR

### Regional

- |           |   |   |
|-----------|---|---|
| 2007-2009 | Committee Member, Medical and Scientific Committee, North Central Chapter, Arthritis Foundation, St. Paul, MN | <ul style="list-style-type: none"> <li>• Reviewed grant applications and made recommendations for funding</li> </ul>                                |
| 2008      | Member, Planning Committee for the National K-12 Scholars Meeting, March 25-26, 2008, Washington, DC          | <ul style="list-style-type: none"> <li>• Developed program for the first national K-12 meeting from more than a dozen U.S. K-12 programs</li> </ul> |
| 2007      | Member, Planning Committee for the Upper Midwest K-12 Scholars Meeting, June 16-17, 2008, Rochester, MN       | <ul style="list-style-type: none"> <li>• Developed program for the second regional K-12 meeting three K-12 programs in the Midwest</li> </ul>       |
| 2007      | Member, Planning Committee for the Upper Midwest K-12 Scholars Meeting, July 25-26, 2007, Minneapolis, MN     | <ul style="list-style-type: none"> <li>• Developed program for the first regional K-12 meeting three K-12 programs in the Midwest</li> </ul>        |

### Community Service

- |           |   |  |
|-----------|---|--|
| 2019      | Speaker, FBI conference on Hate crimes September, 2019 – co-organized by Birmingham Civil Rights Institute, Birmingham, AL      | Presenter and Panelist for discussion with the public                |
| 2018      | Speaker, FBI conference on Hate crimes September, 2018 – co-organized by Birmingham Civil Rights Institute, Birmingham, AL      | Presenter and Panelist for discussion with the public                |
| 2010-     | Organizer, HEAL- HEalthy Living in ALabama- A health education program at the Sikh temple of Alabama, a non-profit organization | Organizer for health talks at the local non-profit organization      |
| 2008      | Organizer, Diabetes Association neighborhood Fund Raising Drive   | Organized the Fund raising for the neighborhood diabetes association |
| 2006-2007 | Organizer, Health Information talks at the Sikh Society of Minnesota, a non-profit organization                                 | Organizer for health talks at the local non-profit organization      |

Singh, Jasvinder MD, MPH

2004	Speaker at the Meditation Center, Minneapolis, MN- "Philosophy of Faith"	Delivered the talk
2004	Speaker, North Hennepin Community College, Minneapolis, MN- "Philosophy of Faith"	Delivered the talk
2003	Speaker, Arthritis Foundation North Central Chapter conference "More Life/Less Limits"	Delivered the talk
2000-2001	Advisor and Mentor, St. Louis Elementary School System Center for Creative Learning project "Feeding the World"	<ul style="list-style-type: none"> <li>• Read essays from elementary school children regarding how to end hunger in the world</li> <li>• Provided feedback to children</li> </ul>
2000	Chief Organizer, fundraiser for United Nations Children's Fund (UNICEF) at International Folk Festival, St. Louis, Missouri	<ul style="list-style-type: none"> <li>• Led the planning for the fund-raiser</li> <li>• Raised \$3500 and donated to UNICEF general fund</li> </ul>
1999-2001	Board of Directors, United Nations Association, St. Louis Chapter, Missouri	<ul style="list-style-type: none"> <li>• Helped to plan local activities to increase awareness</li> </ul>
1992	Volunteer for the Earthquake Relief Camp in Uttarkashi, India	<ul style="list-style-type: none"> <li>• Traveled to Uttarkashi as part of the medical student team to provide health care to those affected</li> <li>• Set up daily mobile clinics, providing care to 50-100 people/day</li> </ul>
1988-1993	Volunteer at Rural Health Camps organized by the National Service Scheme, a voluntary organization), New Delhi, India	<ul style="list-style-type: none"> <li>• Set up monthly health camps in rural areas providing vaccination and diagnosis and treatment for rural residents (50 people/day) with poor access to health care</li> <li>• Set up monthly health education camps in rural areas to provide education</li> </ul>

## **GRANT and ABSTRACT REVIEW COMMITTEES and Review of GOVERNMENT REPORTS**

Invited Reviewer or Chair, National and International Grant Reviews

2021	PCORI, Cycle 3 2020 Assessment of Prevention, Diagnosis, and Treatment Options (APDTO) review panel
2020	VA BLR&D: 2021/01 ZRD1 ENDB-P (01) VA Grant Review Panel: Endocrinology-B Merit Review panel
2020	Social Determinants of Health, Health Services Research Parent IRG Office of Research &

Singh, Jasvinder MD, MPH

Development  
VA Grant Review Panel: HS2A

2019 VA SPiRE (Special Projects in Rehabilitation Excellence) Program  
VA Rehabilitation Research and Development (RR&D)

2019- Chair, Health Services Research Grant Review Committee  
Rheumatology Research Foundation, Atlanta, GA

2019 The VA Cooperative Studies Program (CSP) Letter of Intent (LOI)

2018 National Medical Research Council (NMRC), Ministry of Health, Singapore

2017 VA SPiRE (Special Projects in Rehabilitation Excellence) Program  
VA Rehabilitation Research and Development (RR&D)

2016-18 Health services research and Public Policy Grant Review section  
Rheumatology Research Foundation, Atlanta, GA

2015-16 VA Health Services Research & Development (HSR&D) Merit Grant Review Committee  
Health Care System Organization and Delivery (HSR5), Health Services Research Parent  
IRG, Office of Research & Development

2014 Physicians Service Incorporated (PSI) foundation, Toronto, Canada

2013 VA SPiRE (Special Projects in Rehabilitation Excellence) Program, VA  
Rehabilitation Research and Development (RR&D)

2012-16 Arthritis, Connective Tissue and Skin (ACTS) Study Section: Ad hoc member/reviewer

2012 Netherlands Organization for Health Research and Development

2011 Abstract selection committee "Quality Measures and Innovations In Practice  
Management and Care Delivery" for the 2011 ACR Annual meeting

2011 Arthritis New Zealand's Research Grants Committee

2011 Health Ministry, Arthritis Research Campaign (ARC), UK

2010 VA Pilot Grant Review, HSR&D, June 2010

2010 Health Ministry, Government of Germany

2008 VA Cooperative Studies Program

2009 Abstract selection committee "Education" for the 2009 Annual ACR meeting

2009 ACR Request for Proposal for "Literature review of data examining effects of early diagnosis  
and treatment of Rheumatoid arthritis"

2009 20th National Conference on Chronic Disease Prevention and Control: Cultivating Healthy  
Communities, 2009

Singh, Jasvinder MD, MPH

- 2008 Annual ACR 2008 meeting Abstract selection committee: "Epidemiology and Health Services Research"
- 2008 National Arthritis Foundation Research Grant selection committee
- 2003 Annual ACR 2003 meeting Abstract selection committee: "Miscellaneous Rheumatic diseases"
- 2002 Annual ACR 2002 meeting Abstract selection committee: "Miscellaneous Rheumatic diseases"

Peer Review for Chair Nomination at Other Universities and Academic Centers

- 2015 Reviewer, Canada Research Chair Nomination, University of Toronto

National/International Government Report Review

- 2021 External Reviewer, CADTH Health Technology Review: Bisphosphonate Drugs for the treatment of Osteoporosis in Post-menopausal Women  
Link: [https://www.cadth.ca/sites/default/files/hta-he/he0023\\_drugs-for-osteoporosis-final.pdf](https://www.cadth.ca/sites/default/files/hta-he/he0023_drugs-for-osteoporosis-final.pdf)
- 2020 Peer Reviewer, AHRQ Evidence Report "Nonopioid Pharmacological Treatment for Chronic Pain"  
Link: <https://effectivehealthcare.ahrq.gov/sites/default/files/pdf/nonopioid-chronic-pain.pdf>
- 2019 Peer Reviewer, AHRQ Evidence Report "Long-Term Drug Therapy and Drug Holidays for Osteoporosis Fracture Prevention: A Systematic Review".  
Link: <https://effectivehealthcare.ahrq.gov/products/osteoporosis-fracture-prevention/research>
- 2019 Peer Reviewer, National Academics of Sciences, Engineering, Medicine Report "An approach to evaluate concomitant prescribing of opioids and benzodiazepines on veterans deaths and suicides".  
Link: <http://www.nationalacademies.org/hmd/Activities/MentalHealth/OpioidBenzodiazepineMedicationsandVeteransDeaths.aspx>
- 2018 Peer Reviewer, AHRQ Evidence Report "Appropriate Use of Drug Therapies for Osteoporosis Fracture Prevention: A Systematic Review".  
Link: <https://effectivehealthcare.ahrq.gov/sites/default/files/pdf/cer-218-osteoporosis-fracture-prevention-final-report.pdf>
- 2018 Reviewer, AHRQ Evidence Report "Drug Therapy for Early Rheumatoid Arthritis in Adults: Systematic Review Update"; PCORI Comparative Effectiveness Review, Number 211  
Link: <https://www.pcori.org/sites/default/files/PCORI-AHRQ-Drug-Therapy-Early-Rheumatoid-Arthritis-Systematic-Review-Update-Report-July-2018.pdf>
- 2015 Reviewer, AHRQ Evidence Report "Diagnosis of Gout"  
Link: [https://effectivehealthcare.ahrq.gov/sites/default/files/pdf/gout\\_research-2016.pdf](https://effectivehealthcare.ahrq.gov/sites/default/files/pdf/gout_research-2016.pdf)



Singh, Jasvinder MD, MPH

2014 Member, Review Panel, Appropriateness Criteria for Non-arthroplasty treatment of osteoarthritis, American Academy of Orthopaedic Surgeons.  
Link: [https://www.aaos.org/uploadedFiles/PreProduction/Quality/AUCs\\_and\\_Performance\\_Measures/appropriate\\_use/auc-non-arthroplasty-treatment-osteoarthritis-knee.pdf](https://www.aaos.org/uploadedFiles/PreProduction/Quality/AUCs_and_Performance_Measures/appropriate_use/auc-non-arthroplasty-treatment-osteoarthritis-knee.pdf)

Reviewer/contributor, Patient Materials

2020 Arthritis Health: Gout  
Blog link: <https://www.arthritis-health.com/blog/gout-attacks-strike-mostly-night>  
Link to author page: <https://www.arthritis-health.com/author/jasvinder-singh-md-mph>

2020 Reviewer, Arthritis Foundation Patient Brochures “DMARDs”, “Gout”

2019- Member, Arthritis Today’s (Arthritis Foundation publication) Medical Advisory Panel

2019 Guest Expert, Arthritis Foundation’s Member, medical advisory panel for Q&A in the July/August 2019 issue of *Arthritis Today*? “how do you address patients’ fears about side effects?”

2019 Reviewer, Arthritis Foundation Annual Drug Guide

2019 Reviewer, Arthritis Foundation Annual Drug Guide

2019 Reviewer, Arthritis Foundation Patient Brochure “DMARDs Patient Education”

2018 Reviewer, Arthritis Foundation Patient Brochure “Gout”

2018 Reviewer, Arthritis Foundation Patient Brochure “Drug Guide”

2017 Reviewer, Arthritis Foundation Patient Brochure “Drug Guide”

2015 Reviewer, Arthritis Foundation Patient Brochure “DMARDs”

2014 Reviewer, Arthritis Foundation Patient Brochure “Treatment of Rheumatoid Arthritis”

Regional abstract/grant review

2004 Abstract Reviewer, American College of Physicians Minnesota Chapter meeting

2001 Grant Reviewer, Arthritis Foundation Minnesota Chapter, Minneapolis, MN

**UNIVERSITY ACTIVITIES:**

2020 Reviewer, Dr. Smitherman K-application

2015-2016 Reviewer, Dr. Panwar K-application

Singh, Jasvinder MD, MPH

2014	Judge, UAB Department of Medicine annual Trainee Research Symposium
2013-2016	Member, UAB Department of Medicine Research Development Group (RDG)
2011	Grant reviewer, 2011 Barkley Health Disparities Research Awards
2011	Judge, UAB Department of Medicine annual Trainee Research Symposium
2010	Grant reviewer, 2010 Barkley Health Disparities Research Awards
2010	Judge, UAB Department of Medicine annual Trainee Research Symposium
2005	Member, Human Studies Committee, Minneapolis VA Medical Center
2004-2009	Co-Chair, University of Minnesota Rheumatology Division Research Initiative

#### **EDITORIAL BOARD MEMBERSHIPS:**

Associate/Section Editor/Guest Editor

2018-	Editorial Advisor for <i>BMC Rheumatology</i>
2016-	Associate Editor, <i>Trials</i>
2017	Guest Editor, <i>BMC Medicine: Gout Diagnosis, Management and Therapy</i>
2010-2018	Section Editor, Clinical rheumatology and osteoporosis, Biomedical Central (BMC) Musculoskeletal Disorders
2009-2016	Associate Editor, Biomechanics and orthopedics, BMC Musculoskeletal Disorders
2011	Special Editor, Supplement on "Current Concepts in Arthroplasty", <i>Open Orthopedics Journal</i>
2010-12	Executive Editor, <i>Journal of Yoga &amp; Physical Therapy- Open Access</i>

Editorial Board Member

2016-	<i>Arthritis Research and Therapy</i>
2011-	<i>Therapeutic Advances in Musculoskeletal Disease</i>
2011-	<i>Biomedical Central (BMC) Medicine</i>
2005-	<i>Journal of Clinical Rheumatology</i>

Singh, Jasvinder MD, MPH

2011-15 Rheumatology: Current Research  
2011-15 World Journal of Rheumatology  
2010-15 Journal of Cancer Science and Therapy  
2011-12 Journal of Spine  
2011-12 World Journal of Orthopaedics  
2011-12 World Journal of Translational Medicine

**Ad Hoc Reviewer**

2009- Now JAMA, Lancet, Annals of the Internal Medicine, Journal of Rehabilitation Research & Development, BMC Musculoskeletal Disorders, Clinical Orthopedics and Related Research, Journal of Rheumatology, Journal of Clinical Rheumatology, Arthritis Care and Research, Arthritis and Rheumatology, Annals of the Rheumatic Diseases, Journal of Musculoskeletal Diseases, Seminars in Arthritis and Rheumatism, CDC Preventing Chronic Disease, Journal of Clinical Epidemiology, Public Health Reports, Journal of General of Internal Medicine

**Other Scientific and Professional Activities**

Other National Invitations (Scientific Session Chair, Moderator and/or Presenter for >40 sessions)

**Invited Speaker**

11/6/2020 American College of Rheumatology Annual Meeting 2020  
ACR Clinical Symposium: Address Racial Disparities in Rheumatology: RA, OA & Arthroplasty  
Racial/Ethnic Disparities in OA and Arthroplasty

11/11/2019 American College of Rheumatology Annual Meeting 2019  
ACR Clinical Symposium: Goutside the box: extraarticular Gout Manifestations  
Gout and Neurological Disease: Is there a link?

11/10/2019 American College of Rheumatology Annual Meeting 2019  
ACR Clinical Symposium: Metabolic and Crystal Arthropathies  
Lee C. Howley Sr. Prize for Arthritis Research Introductory Talk: Gout and Gout Therapies: 4  
Myths, 4 Answers

11/5/2017 American College of Rheumatology Annual Meeting 2017  
Speaker, ACR Study Group: Research Data Registries & Repositories

11/7/2017 American College of Rheumatology Annual Meeting 2017  
Speaker, ACR Clinical Symposium: Treatment of Psoriatic Arthritis: A New ACR/NPF Clinical  
Guideline

11/14/2016 American College of Rheumatology Annual Meeting 2016

Singh, Jasvinder MD, MPH

Presenter, ACR Clinical Symposium: DRAFT ACR-AAHKS Guideline for the Perioperative Management of Anti-rheumatic Medications in Patients with Rheumatic Diseases Undergoing Elective Total Hip or Knee Arthroplasty

11/7/2015 Gout and Crystal Associated Arthritis Network (G-CAN) Inaugural meeting 2015  
Session Presenter: Gout in the underserved

11/16/2014 American College of Rheumatology Annual Meeting 2014  
Session Presenter: 2015 ACR Rheumatoid Arthritis Treatment Guideline

**Session Chair, Co-Chair, or Moderator**

10/24/2018 American College of Rheumatology Annual Meeting 2018  
Session Co-Chair and Moderator, ACR Concurrent Abstract Session: Epidemiology & Public Health I: Lung, Bone, & Infection Outcomes

11/5/2017 American College of Rheumatology Annual Meeting 2017  
Session Co-Chair and Moderator, ACR Clinical Symposium: Anatomy for the Clinician I: Anatomy of the Ankle & Midfoot: The Source of Ankle Pain

11/5/2017 American College of Rheumatology Annual Meeting 2017  
Session Co-Chair and Moderator, ACR Concurrent Abstract Session: Epidemiology & Public Health I: Lung, Bone, & Infection Outcomes

11/6/2017 American College of Rheumatology Annual Meeting 2017  
Session Co-Chair and Moderator, ACR Clinical Symposium: Anatomy for the Clinician II: Neuroanatomy Upper extremity: Nerve Entrapment to Nerve Blocks

11/6/2017 American College of Rheumatology Annual Meeting 2017  
Session Co-Chair and Moderator, ACR Clinical Symposium: Treatment for RA in Patients with Concomitant Cardiovascular Disease

11/6/2017 American College of Rheumatology Annual Meeting 2017  
Session Co-Chair and Moderator, ACR Clinical Symposium: Controversies in Diagnosis & Mgt of Gout & Asymptomatic Hyperuricemia

11/7/2017 American College of Rheumatology Annual Meeting 2017  
Session Chair and Moderator, ACR Clinical Symposium: Understanding the Who & How in Your Data: Moderators & Mediators in Research

11/7/2017 American College of Rheumatology Annual Meeting 2017  
Session Co-Chair and Moderator, ACR Clinical Symposium: Anatomy for the Clinician III: Shoulder Pain: Practical Anatomy & Evaluation

11/15/2016 American College of Rheumatology Annual Meeting 2016  
Session Chair and Moderator, ACR Clinical Symposium: Optimizing Care of Gout and Hyperuricemia with Personalized Medicine

11/13/2016 American College of Rheumatology Annual Meeting 2016  
Session Chair and Moderator, ACR Clinical Symposium: The Great Debate: To Taper or Not to Taper? Biologic DMARDs in Low Rheumatoid arthritis disease activity

Singh, Jasvinder MD, MPH

- 11/13/2016 American College of Rheumatology Annual Meeting 2016  
Session Chair and Moderator, ACR Clinical Symposium: Treatment of Osteoarthritis using Cell Based Therapy: Beyond the Internet and News Magazines
- 11/13/2016 American College of Rheumatology Annual Meeting 2015  
Session Chair and Moderator, ACR Abstract Category: Epidemiology and Public Health III: Psoriatic arthritis
- 11/11/2015 American College of Rheumatology Annual Meeting 2015  
Session Chair and Moderator, ACR Clinical Symposium: Racial Disparities in Rheumatic Diseases
- 11/10/2015 American College of Rheumatology Annual Meeting 2015  
Session Chair and Moderator, ACR Clinical Symposium: Gout Management in 2015: Non-pharmacological Treatments, Treat-to-Target Strategy and Emerging Therapies for Gout
- 11/9/2015 American College of Rheumatology Annual Meeting 2015  
Session Chair and Moderator, ACR Clinical Symposium: All Things Arthroplasty: Outcomes and Complications
- 11/9/2015 American College of Rheumatology Annual Meeting 2015  
Session Chair and Moderator, ACR Study Group: Medication Adherence and Decision-Making in Lupus
- 11/9/2015 American College of Rheumatology Annual Meeting 2015  
Session Chair and Moderator, ACR Abstract Category: Epidemiology and Public Health III: Risk Factors, Treatment and Outcomes of Gout and OA
- 11/8/2015 American College of Rheumatology Annual Meeting 2015  
Session Chair and Moderator, ACR Clinical Symposium: Hot Topics in Osteoarthritis: Nutraceuticals, Narcotic Analgesics and Behavioral Interventions
- 11/16/2014 American College of Rheumatology Annual Meeting 2014  
Session Chair and Moderator, ACR Clinical Symposium: Gout Management in 2014
- 11/16/2014 American College of Rheumatology Annual Meeting 2014  
Session Chair and Moderator, ACR Clinical Symposium: New Frontiers in Osteoarthritis Treatment: The Role of Weight Loss, Surgery and Current Treatment Guidelines
- 11/17/2014 American College of Rheumatology Annual Meeting 2014  
Session Chair and Moderator, ACR Clinical Symposium: Hot Topics in Rheumatoid Arthritis: Comparative Effectiveness and Harms of Biologics and Management of Disease-Modifying Antirheumatic Drugs (DMARDs) and Biologics in the Perioperative Period
- 11/17/2014 American College of Rheumatology Annual Meeting 2014  
Session Co-Chair and Moderator, ACR Clinical Symposium: Classification Criteria for Gout
- 11/17/2014 American College of Rheumatology Annual Meeting 2014  
Session Co-Chair and Moderator, ACR Clinical Symposium: From Inflammation to Atherosclerosis: The Case of Inflammatory Rheumatic Diseases
- 10/27/2013 American College of Rheumatology Annual Meeting 2013

Singh, Jasvinder MD, MPH

Session Co-Chair and Moderator, ACR Clinical Symposium: Osteoarthritis Pathophysiology, Diagnosis and Management: What Can I Tell my Osteoarthritis Patient to Do Other Than Weight Loss and Quadriceps Strengthening?

- 10/28/2013 American College of Rheumatology Annual Meeting 2013  
Session Chair and Moderator, ACR Clinical Symposium: Gout and Pseudogout: What's New in Treatments and Diagnostic Modalities?
- 10/29/2013 American College of Rheumatology Annual Meeting 2013  
Session Co-Chair and Moderator ACR Clinical Symposium: Vaccinology and DMARD Use in Immunocompromised and High-Risk Populations
- 9/22/2013 Cochrane Colloquium Annual Meeting 2013, Quebec City, Quebec, Canada  
Session Moderator, Statistical Methods: Advanced- Session 2
- 11/13/2012 American College of Rheumatology Annual Meeting 2012  
Session Co-Chair and Moderator: Abstract Session: ACR/ARHP Combined Epidemiology Abstract Session
- 11/12/2012 American College of Rheumatology Annual Meeting 2012  
Session Chair and Moderator, ACR Clinical Symposium: Gout and Hyperuricemia: Diseases Beyond the Joint
- 11/13/2012 American College of Rheumatology Annual Meeting 2012  
Session Chair and Moderator, ACR Clinical Symposium: Paradigm Shifts in Rheumatoid Arthritis
- 11/14/2012 American College of Rheumatology Annual Meeting 2012  
Session Chair and Moderator, ACR Clinical Symposium: Osteoarthritis Therapeutics: Will This be the Decade for Breakthroughs?
- 11/07/2011 American College of Rheumatology Annual Meeting 2011  
Session Moderator, Abstract Session: Epidemiology and Health Services Research Oral I: Gout
- 11/07/2011 American College of Rheumatology Annual Meeting 2011  
Session Chair and Moderator, ACR Clinical Symposium: Heart disease and Rheumatoid Arthritis
- 11/08/2011 American College of Rheumatology Annual Meeting 2011  
Session Chair and Moderator ACR Clinical Symposium: The Neuromuscular System in Osteoarthritis
- 11/04/2008 American College of Rheumatology Annual Meeting 2008  
Session Chair and Moderator, Abstract Session: Novel methods in Epidemiology

Invited Regional presentations

- 11/11/2011 Mayo Clinic College of Medicine, Mayo Clinic, Rochester, Minnesota  
Mayo CTSA Scholar Forum: Life after K-12: Lessons Learned
- 10/02/2009 Mayo Clinic College of Medicine, Mayo Clinic, Rochester, Minnesota

Singh, Jasvinder MD, MPH

- Mayo CTSA Grand Rounds: Botulinum Toxin in Joints: Withering the pain wrinkles Away
- 7/02/2009 Mayo Clinic College of Medicine, Mayo Clinic, Rochester, Minnesota  
Health Economics Research Seminar: Health Outcomes and Health Care Utilization in Arthritis
- 4/09/2008 North Central Cancer Treatment Group Meeting, Rochester, Minnesota  
Quality of life assessment in Arthroplasty
- 9/21/2006 Mayo Clinic College of Medicine, Mayo Clinic, Rochester, Minnesota  
Rheumatology Research Club: Intraarticular Botulinum Toxin for Prosthetic Joint Pain
- 12/08/2006 Park Nicollet Clinic, Minneapolis, Minnesota  
Rheumatology Research Club – Botulinum Toxin for Prosthetic Joint Pain
- 2/09/2005 Twin Cities Rheumatology Dinner Meeting, Minneapolis, Minnesota  
Research Presentation: Botulinum Toxin for Arthritis Pain
- 10/21/2005 University of Minnesota, Minneapolis, Minnesota  
2005 Internal Medicine Review Course – Update on Gout
- 11/22/2004 Arthritis Foundation North Central Chapter Meeting, Minneapolis, Minnesota  
Patient and Benefactors Symposium: Botulinum Toxin for Arthritis Pain
- 9/30/2003 Arthritis Foundation North Central Chapter Meeting, Minneapolis, Minnesota  
Patient Symposium: More Life, Less Limits

#### **MAJOR LECTURES AND VISITING PROFESSORSHIPS:**

Invited International presentations:

- 7/29/2019 Prof P.A. Kurup Memorial Lecture, Thiruvananthapuram, July 29, 2019  
Department of Biochemistry, University of Kerala, Karivattom, Thiruvananthapuram  
Uric acid, Gout and the Heart: Demystifying the Link
- 7/27/2019 SZIRACON, Mallampuram, Tamil Nadu, India July 26-28, 2019  
Applying the ACR guideline in resistant to treat Psoriatic arthritis
- 7/28/2019 SZIRACON, Mallampuram, Tamil Nadu, India July 26-28, 2019  
Guidelines in Gout Management: Discordance and Solutions
- 11/4/2018 Visiting Professor at the Baylor College of Medicine and VA Houston, Texas  
Opportunities and Leadership Vision for VA Research
- 5/15/2018 OMERACT Newbie Orientation Session at OMERACT-2018, Terrigal, Australia, May 14-18, 2018  
OMERACT process and terminology
- 10/9/2017 Visiting Professor at All India Institute of Medical Sciences, New Delhi, India  
Gout: New Paradigms and controversies

Singh, Jasvinder MD, MPH

- 6/21/2017 Visiting Professor at University Hospital, Singapore, Singapore  
RA treatment in 2017: How do the 2015 ACR Treatment Recommendations Guide us?
- 6/9/2017 Visiting Professor at Army Institute: Research and Rehabilitation Hospital, New Delhi, India  
Gout and the Heart
- 5/30//2017 Visiting Professor at Post-Graduate Institute of Medical Education and Research, Chandigarh, India  
2015 ACR RA treatment Recommendations: A tool for the Busy Clinician
- 6/15/2016 OMICS Rheumatology Meeting, Alicante, Spain, June 15-16, 2016  
Persisting Pain and Poor Function after Knee or Hip Joint Arthroplasty: What can learn about this epidemic?
- 6/13/2016 Visiting Professor, University of Manchester, Manchester, UK  
Comparative Harms of Biologics: An Overview and Network Meta-analysis of Randomized trials
- 5/27/2016 Adoption of the Rheumatoid arthritis Guideline for the Eastern Mediterranean Region, May 26-28, 2016, Doha, Qatar  
Key highlights from the 2015 American College of Rheumatology Treatment guideline for Rheumatoid arthritis
- 5/10/2016 OMERACT Newbie Orientation Session at OMERACT-12, Budapest, Hungary, May 7-10, 2014  
OMERACT process, methods and terminology
- 5/10-5/14/16 Co-Chair, OMERACT New participant Orientation Session at OMERACT-13, Whistler, Canada  
May 11-15, 2016  
The OMERACT process
- 11/27/2015 Keynote Speaker, Annual meeting of the Austrian Society of Rheumatology, November 26-28, Vienna, Austria  
EULAR vs. ACR treatment guidelines for RA – the same evidence but different conclusions
- 10/12/2015 Visiting Professor at Rohtak Medical College, Rohtak, Haryana, India  
Rheumatoid Arthritis & Total Joint Arthroplasty: Treatment Guidelines and Outcomes
- 4/30/2015 Visiting Professor at All India Institute of Medical Sciences, New Delhi, India  
Biologics in Rheumatoid Arthritis: Can Comparative Effectiveness Research Guide the Choice?
- 5/2/2015 OARSI satellite symposium “Symptomatic management of osteoarthritis: new evidence” at World Congress on osteoarthritis, OARSI 2015, Seattle, WA  
Cochrane review on Chondroitin for Osteoarthritis
- 4/30/2015 Visiting Professor at University College of Medical Sciences, New Delhi, India  
Treatment of Rheumatoid arthritis in 2015: From Clinical Practice to Guideline to Comparative effectiveness
- 4/25/2015 Visiting Professor at University of Riyadh, Saudi Arabia  
Registries to study safety of biologics: advances and pitfalls
- 4/25/2015 Visiting Professor at University of Riyadh, Saudi Arabia  
Safety of biologics: Data from clinical trials



Singh, Jasvinder MD, MPH

- 4/22/2015 Visiting Professor at the Parker Institute, University of Denmark, Copenhagen, Denmark  
Current Considerations for pharmacotherapy in RA
- 5/7/2014 OMERACT Newbie Orientation Session at OMERACT-12, Budapest, Hungary, May 7-10, 2014  
OMERACT process, methods and terminology
- 5/10/2014 Special Interest Group on Outcomes in Arthroplasty Clinical Trials, OMERACT-12,  
Budapest, Hungary, May 7-10, 2014  
The Challenge of Optimizing Outcomes in Joint Replacement Clinical Trials
- 4/12/2014 Annual Puerto Rico Rheumatology Association Meeting Symposium: New  
Strategies in the Management of RA, San Juan, Puerto Rico, April 12th, 2014  
Head to Head RA Studies: What have we learnt?
- 4/12/2014 Annual Puerto Rico Rheumatology Association Meeting Symposium: New Strategies in the  
Management of RA, San Juan, Puerto Rico, April 12th, 2014  
Which Biologic shall I choose for my patient with RA?
- 6/2/2013 Annual International Society of Arthroplasty Registries (ISAR) meeting, 2013, Stratford upon  
Avon, UK, June 1-3, 2013  
Registries, Outcomes, OMERACT and Cochrane: A Journey to Evidence-Based Medicine
- 5/26/2012 Annual Puerto Rico Rheumatology Association Meeting, San Juan, Puerto Rico, May 25-27, 2012  
Rheumatoid arthritis Outcomes: patient-reported outcomes (PROs)
- 5/22/2012 2012 American Association of Pharmaceutical Scientists (AAPS) National Biotechnology  
Conference, San Diego, California  
Model Based Meta-analysis to Inform Drug Development Symposium Biologics for Rheumatoid  
Arthritis: An Overview of Cochrane Reviews and Network Meta-analysis
- 5/15/2012 Outcomes measures in Rheumatology 11 meeting, Pinehurst, NC  
OMERACT Filter 2.0: Discrimination session 1: Gout as an example
- 5/15/2012 Outcomes measures in Rheumatology 11 meeting, Pinehurst, NC  
Gout Workshop
- 5/13/2012 Outcomes measures in Rheumatology 11 meeting, Pinehurst, NC  
New OMERACTERS session
- 5/14/2012 Outcomes measures in Rheumatology 11 meeting, Pinehurst, NC  
OMERACT Filter 2.0: Truth session 1: Gout as an example
- 12/9/2011 Indian Orthopedic Association Congress (IOACON), 2011, Noida, India  
How to do a Critical Appraisal of the Literature?
- 6/17/2011 IMMPACT XIV Meeting, Arlington, Virginia  
Risk-benefit analysis: The OMERACT approach
- 12/7/2010 Visiting Professor at University College of Medical Sciences, Delhi, India  
Research Day: What is Evidence-based medicine?
- 12/7/2010 Visiting Professor at University College of Medical Sciences, Delhi, India

Singh, Jasvinder MD, MPH

Research Day: Hierarchy of Evidence

- 12/7/2010 Visiting Professor at University College of Medical Sciences, Delhi, India  
Research Day: Pitfalls in Research
- 12/7/2010 Visiting Professor at University College of Medical Sciences, Delhi, India  
Research Day: How to write a research proposal?
- 12/10/2010 Indian Orthopedic Association Congress (IOACON), 2010, Jaipur, India  
Keeping Up with Best Evidence in Arthroplasty: Too Much Info, Too Little Time
- 12/11/2010 Indian Orthopedic Association Congress (IOACON), 2010, Jaipur, India  
Hierarchy of Evidence
- 5/7/2010 Outcome Measures in Rheumatology Clinical Trials (OMERACT)-10, Kota Kinabalu, Indonesia  
Patient-reported outcomes in Chronic Gout
- 12/6/2008 13th International Conference on Biomedical Engineering, Singapore  
Gender and Arthroplasty Type Affect Prevalence of Moderate-Severe Pain Post THA
- 5/30/2008 Outcome Measures in Rheumatology Clinical Trials (OMERACT)-9, Kananaskis, Canada  
Evaluation of Gout Assessment Questionnaire (GAQ)
- 5/28/2008 Outcome Measures in Rheumatology Clinical Trials (OMERACT)-9, Kananaskis, Canada  
Outcome Measures in Joint Replacement Trials
- 12/15/2005 University College of Medical Sciences, Delhi, India  
Research Lecture: Botulinum Toxin for joint pain
- 12/18/2005 Army Hospital Research Center, Delhi, India  
Research talk: Intraarticular Botulinum Toxin in joint pain
- Invited National Presentations:
- 12/14/2021 Invited Speaker and Panel discussant at the 2019 Annual PCORI meeting, Washington DC  
NIH/Academy Health 2021 Annual Conference on the Science of Dissemination and  
Implementation in Health
- 9/16/2020 Invited Speaker at the 2019 Annual PCORI meeting, Washington DC  
Patient-centered Telemedicine: How to Effectively Disseminate a Patient Decision-aid for Lupus  
using Telehealth?
- 9/19/2019 Invited Speaker at the 2019 Annual PCORI meeting, Washington DC  
Shared Decision-Making Session: A Randomized Controlled Trial of an Individualized Decision  
aid for Diverse Women with Lupus Nephritis (IDEA-WON)
- 8/21/2019 VA Birmingham / Atlanta Geriatric Research, Education and Clinical Center (GRECC) Planning  
and Collaboration meeting, Atlanta, August 21, 2019: Big Data: Leveraging Data Science for the  
Future of Health Care  
Using Big Data for Rheumatic Diseases Research: Case Examples
- 8/15/2019 PCORI Principal Investigator Training with the Alan Alda Center for Communicating Science: Alda

Singh, Jasvinder MD, MPH

Center's Science Communication Workshop, Washington DC

- 8/14/2019 Visiting Professor at the New York University, New York City, New York  
**Shared Decision-Making in Lupus Electronic Tool (SMILE): Patients getting treatment Information the way they want it**
- 7/16/2019 UAB NIAMS P50 Annual Meeting  
Project 3: **Protecting Renal functiOn with Urate-lowering Drugs (The PROUD study)**
- 7/16/2019 UAB NIAMS P50 Annual Meeting  
GOUCH: An Internet study
- 1/9/2019 Visiting Professor at the Hospital for Special Surgery, New York City, New York.  
Rheumatology Grand Rounds: Outcomes after Total Knee/Hip Arthroplasty: The impact of Time and Diagnosis
- 12/14/2018 PCORI Rare Diseases Winter 2018 Meeting, Washington DC  
A Randomized trial of Individualized Medication Decision-Making with Decision-Aid in Lupus nephritis
- 9/6/2018 Invited Speaker at the 2018 Annual Mississippi Arthritis and Rheumatism Society (MSARS) meeting, Jackson, Mississippi  
ACR Guidelines for Rheumatoid Arthritis and Perioperative Management
- 4/14/2018 Howard University Hospital Rheumatology Symposium  
Gout Treatment: What's new?
- 6/21/2017 Rheumatology Fellow Conference at Washington University School of Medicine, St. Louis  
The 2015 ACR RA Treatment Recommendations
- 6/21/2017 Visiting Professor at Washington University School of Medicine, St. Louis  
Gout and the Heart: Is there a Connection?
- 2/1/2017 Visiting Professor at the Hospital for Special Surgery, New York City, New York.  
Rheumatology Grand Rounds: 2015 ACR Recommendations for the Treatment of RA
- 6/4/2016 Keynote Speaker at the 2016 Annual Georgia Society of Rheumatology meeting, Hilton Head, South Carolina  
ACR Guideline for Rheumatoid Arthritis
- 6/04/2016 Speaker at the 2016 Annual Georgia Society of Rheumatology meeting, Hilton Head, South Carolina  
Cardiovascular Associations with Gout
- 4/30/2016 Guest Speaker at the 2016 South Carolina Rheumatism Society Annual meeting, Charleston  
2015 ACR Recommendations for the Treatment of RA
- 4/30/2016 Guest Speaker at the 2016 South Carolina Rheumatism Society Annual meeting, Charleston  
Cardiovascular Risks of Gout
- 4/9/2016 Spring 2016 Primary Care Physician Update: Personalized Patient Care, Coral Gables, FL  
2015 RA treatment Recommendations

Singh, Jasvinder MD, MPH

- 5/27/2015 Visiting Professor at the Georgetown University of Washington, Washington D.C.  
Rheumatology Grand Rounds: Biologics in Rheumatoid Arthritis: Data from Systematic Review and Network Meta-analysis of Randomized Trials
- 5/21/2015 Inaugural Visiting Professor at St. Louis VA Medical Center  
VA Visiting Professor Series: Gout: The King of Diseases, but not treated as such
- 5/22/2015 Visiting Professor at the Washington University, St. Louis  
Rheumatology Grand Rounds Biologics in Rheumatoid Arthritis: Can Comparative Effectiveness Research Guide the Choice?
- 12/9/2014 Visiting Professor at the University of Washington, Seattle, Washington  
Rheumatology Grand Rounds: Which Biologic shall I choose for my patient with RA?
- 8/26/2014 Visiting Professor at University of New Mexico & Albuquerque VA Medical Center  
What are the gaps in care of gout and what can we do about them?
- 3/13/2014 Orthopedic Research Society: Research Interest Group Orthopedic Evidence and Outcome Education Organization  
OMERACT/Cochrane: Methodology and Applications of Evidence in Practice. Can we Harmonize Outcome Measures in Joint Arthroplasty Clinical Trials
- 3/12/2014 HWB/ American Academy of Orthopedic Surgeons (AAOS) Outcome Special Interest Group at the Annual AAOS meeting  
OMERACT: Can We Harmonize Outcome Measures
- 4/6/2013 Harmonizing Outcome Measures in Eczema (HOME) III meeting, San Diego, CA  
The Gift of the OMERACT filter
- 8/28/2012 U.S. Food and Drug Administrations' Critical Path Initiative  
Concept of measurement: RA-defining decrements in physical functioning
- 2/27/2012 Annual American Academy of Orthopedic Surgeons (AAOS) meeting  
Cochrane Systematic Review: Why, When, What, How?
- 11/11/2011 Visiting Professor at Mayo Clinic College of Medicine, Mayo Clinic, Rochester, Minnesota  
Mayo CTSA Grand Rounds: Life after K-12
- 11/7/2011 American College of Rheumatology (ACR) Annual Meeting 2011, Chicago, Illinois  
Clinical Symposium: 2012 ACR RA Treatment Recommendations
- 5/19/2010 Visiting Professor at University of California at San Diego, California  
Rheumatology Grand Rounds: Quality of care and Quality of life in patients with gout
- 7/13/2009 Visiting Professor at Wake Forest University, Winston-Salem, North Carolina  
Rheumatology Grand Rounds: Botulinum Toxin in Joints: Withering the pain wrinkles Away
- 7/8/2009 Visiting Professor at Emory University, Atlanta, Georgia  
Rheumatology Grand Rounds: Botulinum Toxin in the Joints: Withering the pain wrinkles Away
- 6/8/2009 Visiting Professor at University of West Virginia, Morgantown  
Rheumatology Grand Rounds: A Novel Intra-articular treatment for Refractory Joint Pain

Singh, Jasvinder MD, MPH

- 6/2/2009 Visiting Professor at University of Pennsylvania, Philadelphia, Pennsylvania  
Rheumatology Grand Rounds: Botulinum toxin: A new treatment approach to joint pain
- 5/18/2009 Visiting Professor at Emory University, Atlanta, Georgia  
Rheumatology Grand Rounds: Outcomes in Gout: Quality of Life and Quality of Care
- 5/13/2009 University of Alabama, Birmingham, Alabama  
Rheumatology Grand Rounds: Health Outcomes in Arthritis Populations: Gout and Arthroplasty
- 5/7/2009 Visiting Professor at Temple University, Philadelphia, Pennsylvania  
Rheumatology Grand Rounds: Botulinum Toxin in Joints: Withering the pain wrinkles Away
- 5/4/2009 Visiting Professor at Drexel University, Philadelphia, Pennsylvania  
Rheumatology Grand Rounds: Neurotoxin Therapy: A Novel Approach to Joint Pain
- 4/15/2009 Visiting Professor at University of Arizona, Tucson, Arizona  
Rheumatology Grand Rounds: Botulinum Toxin in Joints: Withering the pain wrinkles Away
- 3/19/2007 Visiting Professor at University of Missouri, Columbia, Missouri  
Rheumatology Grand Rounds: Quality of Life in TKA and THA patients
- 1/16/2007 Visiting Professor at Washington University School of Medicine, St. Louis, Missouri  
CTSA research presentation: Intraarticular Botulinum Toxin in Painful Total Knee Arthroplasty

International and National Presentations: Oral abstracts at Professional Meetings

- 5/17/2019 39<sup>th</sup> Korean College of Rheumatology Annual Scientific Meeting, May 15-19, 2019  
Oral abstract: Lupus is a Risk Factor for Poor Outcomes and Higher Healthcare utilization after Total Hip Arthroplasty. Session: Free Paper Session-Epidemiology & Health Service Research
- 7/8/2019 10th ISDM, Quebec City, Quebec, Canada, July 7-10, 2019  
Oral abstract: A Randomized Controlled Trial of an Individualized Decision aid for Diverse Women with Lupus Nephritis (IDEA-WON)
- 10/21/2018 American College of Rheumatology Annual Meeting Chicago, IL, October 19–24, 2018.  
Epidemiology and Public Health I: Morbidity and Mortality Session, Sunday, October 21, 2018  
Oral abstract: Gout: A Potential Risk Factor for Uveitis in the Older Adults?
- 10/22/2018 American College of Rheumatology Annual Meeting Chicago, IL, October 19–24, 2018.  
Orthopedics, Low Back Pain and Rehabilitation Session, Monday, October 22, 2018  
Oral abstract: Race Is Associated with Discharge Disposition after Total Knee Arthroplasty (TKA), Which Is Associated with 90-Day Readmission Rate
- 6/15/2017 Annual European League Against Rheumatism (EULAR) Meeting, 2017, Madrid, Spain, June 13-16, 2017. OP0265  
Oral abstract: Validation of a definition for attack (flare) in patients with established gout
- 6/15/2017 Annual European League Against Rheumatism (EULAR) Meeting, Madrid, Spain, June 13-16, 2017. OP0267

Singh, Jasvinder MD, MPH

Oral abstract: Serum urate as a surrogate endpoint for gout flares. Results of a systematic review and meta-regression analysis of randomized trials

6/14/2017 Annual European League Against Rheumatism (EULAR) Meeting, Madrid, Spain, June 13-16, 2017. OP 0340

Oral abstract: Weight loss for overweight and obese individuals with gout: A Systematic review of longitudinal observational studies.

11/14/2016 American College of Rheumatology Annual Meeting 2016, Washington DC

Oral abstract: Post-operative pain trajectories after Total Knee Arthroplasty and their association with 6- and 12-Month Pain

11/22/2014 XXVI SICOT (Societe Internationale de Chirurgie Orthopedique et de Traumatologie) Triennial World Congress combined with the 46<sup>th</sup> SBOT annual meeting, Rio de Janeiro, Brazil, November 19-22, 2014

Oral abstract: Harris Hip Score is Responsive and Predicts Revision Risk after Primary Total Hip Arthroplasty

11/22/2014 XXVI SICOT (Societe Internationale de Chirurgie Orthopedique et de Traumatologie) Triennial World Congress combined with the 46<sup>th</sup> SBOT annual meeting, Rio de Janeiro, Brazil, November 19-22, 2014

Oral abstract: Increasing Complexity of patients Primary Total Hip Arthroplasty in the U.S.: A Total Joint registry study

11/16/2014 Annual American College of Rheumatology meeting, Boston, November 15-19, 2014

Oral abstract: Herpes Zoster Infection Risk in Auto-Immune and Inflammatory Diseases: Implications for Vaccination

Oral Session: Rheumatoid arthritis - Clinical Aspects and Treatment: Lupus Nephritis

11/16/2014 Annual American College of Rheumatology meeting, Boston, November 15-19, 2014

Oral abstract: Systematic Review and Network Meta-Analysis of the Risk of Serious Infections with Immunosuppressives for Lupus Nephritis

Oral Session: Systemic Lupus Erythematosus - Clinical Aspects and Treatment: Lupus Nephritis

11/17/2014 Annual American College of Rheumatology meeting, Boston, November 15-19, 2014

Oral abstract: Are Outcomes after Total Knee Arthroplasty Worsening over Time? A Time-Trends Study of Activity Limitation and Pain Outcomes

Oral Session: Epidemiology and Public Health II: Osteoarthritis, Sedentary Behavior and more

6/12/2014 Annual European League Against Rheumatism Meeting, Paris, France, June 11–14, 2014

Oral abstract: OMERACT methods of combined reporting of Benefit and Harm applied to the TEAR trial

6/13/2013 Annual European League Against Rheumatism Meeting, Madrid, Spain, June 12–15, 2013

Oral abstract: Risk of Cancer, Serious lung infection and Death with Biologics: A systematic Review and network meta-analysis of Randomized Controlled Trials

6/13/2013 Annual European League Against Rheumatism Meeting, Madrid, Spain, June 12–15, 2013

Oral abstract: Income and Patient-Reported Outcomes (PROs) after primary total knee arthroplasty.

6/11/2013 Annual European League Against Rheumatism Meeting, Madrid, Spain, June 12–15, 2013

Oral abstract: Progress report on the development of new classification criteria for adult and

Singh, Jasvinder MD, MPH

juvenile idiopathic inflammatory myopathies

- 3/20/2013 UK Annual Cochrane Collaboration Meeting, Oxford, UK, March 18-23, 2013  
Rapporteur, Strategic Goals for Cochrane Collaboration to 2020, Cochrane Plenary session
- 11/11/2012 American College of Rheumatology Annual Meeting 2012, Washington DC  
Oral abstract: Ipsilateral Knee/Hip Involvement is Associated with Poor Outcomes after Joint Arthroplasty
- 11/7/2011 American College of Rheumatology Annual Meeting 2011, Chicago, Illinois  
Oral abstract: Comparative Effectiveness of Allopurinol and Febuxostat in Lowering Serum Uric Acid in a Large US Commercially Insured Population
- 11/6/2011 American College of Rheumatology Annual Meeting 2011, Chicago, Illinois  
Oral abstract: Time-Course and Extent of Pain and Function Improvements Post-Knee Replacement: The Multicenter Osteoarthritis Study
- 11/6/2011 American College of Rheumatology Annual Meeting 2011, Chicago, Illinois  
Oral abstract: Pain Catastrophizing, but not Widespread Pain, is associated with Poor Pain Outcomes after Knee Replacement (KR): An Analysis from the Multicenter Osteoarthritis Study (MOST)
- 4/6/2011 Annual Mid-America Orthopedic Association Meeting, 2011, Tucson, AZ  
Oral abstract: The association of smoking and postoperative complications after arthroplasty
- 2/15/2011 Annual American Academy of Orthopaedic Surgeons Meeting 2011, Orlando, FL  
Oral abstract: Smoking is a Risk Factor for Postoperative Complications after knee/hip arthroplasty
- 11/07/2010 American College of Rheumatology Annual Meeting 2010, Atlanta, Georgia  
Oral abstract: Role of Central Sensitization in Persistent Pain Post-Knee Replacement: The MOST Study
- 11/07/2010 Annual American Academy of Hip and Knee Surgeons Meeting, 2010, Dallas, TX  
Oral abstract: Is Smoking is a Risk Factor for Postoperative Complications after knee/hip arthroplasty?
- 4/25/2009 Annual Mid-America Orthopedic Association Meeting 2009, Amelia Island, FL  
Oral abstract: Gender, Age, and BMI predict Severe Functional Limitation 2- ad 5-years post-TKA
- 4/25/2009 Annual Mid-America Orthopedic Association Meeting, 2009, Amelia Island, FL  
Oral abstract: Psychological Factors Affecting Outcomes after Primary TKA
- 2/25/2009 Annual American Academy of Orthopaedic Surgeons, 2009, Las Vegas, NV  
Oral abstract: Body Mass Index is not a predictor Moderate or Severe Pain Post Total Knee Arthroplasty
- 11/27/2008 Annual Indian Rheumatology Association Meeting, 2008, Pune, India  
Oral abstract: Opportunities for Improving Medication use and Monitoring in Gout
- 4/19/2008 Annual Mid-America Orthopaedic Association (MAOA) Meeting, 2008, Orlando, FL  
Oral abstract: Can patients assist us in long-term surveillance after Total Knee Arthroplasty?

Singh, Jasvinder MD, MPH

- 11/10/2007 Annual American College of Rheumatology Meeting, 2007, Boston, MA  
Oral abstract: Age and Gender Predict Moderate/Severe Pain Post Total Knee Arthroplasty
- 11/10/2007 Annual Osteoarthritis Research Society International (OARSI) Congress, 2007, Ft Lauderdale, FL  
Oral abstract: Gender Predicts Moderate or Severe Pain Post Total Hip Arthroplasty (THA).
- 11/15/2006 Annual American College of Rheumatology Meeting, 2006, Washington DC  
Oral abstract: Intra-articular Botulinum Toxin A for Painful Total Knee Arthroplasty (TKA).
- 6/13/2006 Annual European League Against Rheumatism Meeting, 2006, Paris, France  
Oral abstract: Gout is Associated with Poorer Quality of Life and Greater Health Care Utilization.
- 3/7/2006 Annual Health Services Research Conference, 2006, Minneapolis MN  
Oral abstract: Poor Adherence to Quality of Care Indicators for Treatment of patients with Gout.
- 3/7/2006 Annual Health Services Research Conference, 2006, Minneapolis MN  
Oral abstract: Gout is Associated with Poorer Quality of Life and Greater health Care Utilization.
- 3/7/2006 Annual Health Services Research Conference, 2006, Minneapolis MN  
Oral abstract: Diagnoses of Spondyloarthropathies in Veterans Affairs Databases are Accurate.
- 10/20/2004 Annual American College of Rheumatology Meeting, 2004, San Antonio, TX  
Oral abstract: Self-report of a Physician Diagnosis of Arthritis is not accurate.

#### **MISCELLANEOUS:**

Thesis Committee Member:

- 2007-2010 Patrick Fitzgerald, MPH (Administration and Policy Management)  
Thesis Committee Member: for his Master's thesis defense title "Pay for Performance as a Means to Improve Health Care Quality", defended- 5/15/2009

#### **LICENSURE:**

DEA licensure	2017-2020
Alabama State Medical Board License	2009-now (Active; 29844)
BLS/ACLS certification	2013-2015

#### **PROFESSIONAL SOCIETY MEMBERSHIPS:**

- 2011- Member, American Medical Association
- 2011- Elected member, Southern Society of Clinical Investigation (SSCI)
- 2005- Present Fellow, American College of Rheumatology



Singh, Jasvinder MD, MPH

2005-2015 Member, European League Against Rheumatism  
2007-2016 Member, Osteoarthritis Research Society International  
2006-2007 Member, American Pain Society  
2006-2007 Member, American Public Health Association  
2002-2003 Member, American Pain Society  
1998- Present Member, American College of Rheumatology

**High-Impact Journal Coverage of Peer-review manuscripts:**

7/25/2017 NEJM Journal Watch  
Comment on “ Singh JA and Cleveland JD. Comparative effectiveness of allopurinol versus febuxostat for preventing incident renal disease in older adults: An analysis of Medicare claims data. *Ann Rheum Dis* 2017 Jun 5”  
Coblyn JS. Allopurinol, Febuxostat, and Risk for Renal Disease.  
<http://www.jwatch.org/na44587/2017/07/25/allopurinol-febuxostat-and-risk-renal-disease>

2/28/2015 ACP journal club  
Comment on Arthritis and Rheumatism article: 2015 American College of Rheumatology Guideline for the Treatment of Rheumatoid Arthritis. *Arthritis Rheumatol.* 2016;68(1):1-26. Christensen R, Hart T. Evidence-Based Guideline: ACR made 10 strong treatment recommendations for RA, but high-quality evidence was sparse. *Ann Intern Med.* 2016;164(6):JC27. doi:10.7326/ACPJC-2016-164-6-027.  
<http://annals.org/article.aspx?articleid=2501885>

2/10/2015 NEJM Journal Watch  
Comment on Arthritis and Rheumatism article: 2015 American College of Rheumatology Guideline for the Treatment of Rheumatoid Arthritis. *Arthritis Rheumatol.* 2016;68(1):1-26  
Schwartz EA. New Guidelines for Treatment of Rheumatoid Arthritis  
<https://www.jwatch.org/search/advanced?fulltext=singh%20ja&hits=20&page=1>

10/20/2015 ACP journal club  
Comment on Lancet article: Biologic Agents and Risk for Serious Infections in Patients with Rheumatoid Arthritis Review:  
Schattner A. In RA, standard- and high-dose biologic drugs increase serious infection compared with traditional DMARDs. *Ann Intern Med.* 2015;163(8):JC5. doi:10.7326/ACPJC-2015-163-8-005. Link: <http://annals.org/article.aspx?articleid=2464481&resultClick=3>

6/4/2015 NEJM journal watch  
Comment on Lancet article: Biologic Agents and Risk for Serious Infections in Patients with Rheumatoid Arthritis - Link: <http://www.jwatch.org/na37953/2015/06/04/biologic-agents-and-risk-serious-infections-patients-with#sthash.TkaZUrNY.dpuf>

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- 02/02/2016 AHRQ: Joint Replacement to Become the Most Common Elective Procedure in the Next Decades. Issue 503  
Link: <https://www.ahrq.gov/news/newsletters/e-newsletter/503.html>
- 07/31/2018 AHRQ: Almost half of people eligible for statins do not take them. Issue 625 (Cites Singh JA, Cochrane Database Syst Rev 2017: 3:CD012591  
Link: <https://www.ahrq.gov/news/newsletters/e-newsletter/625.html>
- 11/07/2017 AHRQ: Grantees named 2017 Million Hearts Hypertension Control Champions (Cites Singh JA, Clinical Rheumatology 2016: 35(2):381-86  
Link: <https://www.ahrq.gov/news/newsletters/e-newsletter/590.html>
- 09/11/2018 Government Chemist Review, 2017  
**Program title:** Advancing Osteoarthritis Care: Current and Emerging Evidence for Improving Long-term Outcomes  
Link: <https://www.gov.uk/government/publications/government-chemist-annual-review-2017>

**Continuing Medical Education (CME) lectures:**

- 12/22/2020 Simply Speaking: An Expert Educator's CME lecture Series  
Invited Speaker, Pittsburgh, Pennsylvania  
Post-Conference Update: 2020 ACR Convergence meeting
- 10/6/2020 Simply Speaking: An Expert Educator's CME lecture Series  
Invited Speaker, Great Neck, New York  
Post-Conference Update: 2020 EULAR meeting
- 07/22/2020 Simply Speaking: An Expert Educator's CME lecture Series  
Invited Speaker, Maryland Society for the Rheumatic Diseases in Baltimore, Maryland  
New and Emerging Therapies for Rheumatoid Arthritis
- 01/15/2020 Simply Speaking: An Expert Educator's CME lecture Series  
Invited Speaker, Rheumatology Grand Rounds, Boston University School of Medicine  
New and Emerging Therapies for Rheumatoid Arthritis: Focus on Jakinibs
- 12/10/2019 Simply Speaking: An Expert Educator's CME lecture Series  
Post-Conference Update: 2019 American College of Rheumatology/Association of Rheumatology Professionals Annual Meeting
- 10/02/2019 Simply Speaking: An Expert Educator's CME lecture Series  
Invited Speaker, Rheumatology Grand Rounds, Georgetown University Hospital  
New and Emerging Therapies for Rheumatoid Arthritis: Focus on Jakinibs
- 8/21/2019 Simply Speaking: An Expert Educator's CME lecture Series  
Post Conference Update: Rheumatoid arthritis: 2019 European Congress of Rheumatology

Singh, Jasvinder MD, MPH

- 8/24/2019 2019 Rheumatology Update for primary care and hospital medicine: a CME Update for Health Professionals: August 23-24, 2019: Birmingham, Alabama  
Crystal Arthritis
- 11/07/2017 Medscape: Toward Earlier Identification of Rheumatic Diseases  
**Program title: Hot Topics in Rheumatic Diseases: Highlights from San Diego**  
Link: <http://www.medscape.org/viewarticle/886656>
- 04/09/2016 Guest Speaker at the 2016 Excel Continuing Medical Education Program at Miami, FL  
**Program title: Modern RA Management: 2015 RA treatment recommendations**
- 2/12/2016 Medscape: 2015 RA Treatment Guidelines  
**Program title: Rheumatoid Arthritis 2015 Guidelines: What's New? What's Different?**  
Link: <http://www.medscape.org/viewarticle/859645>
- 6/12/2015 Medscape: **Cochrane review on Chondroitin in Osteoarthritis**  
**Program title: Advancing Osteoarthritis Care: Current and Emerging Evidence for Improving Long-term Outcomes**  
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<https://www.arthritis-health.com/blog/how-prevent-next-gout-attack>

### MANUSCRIPTS:

Peer Reviewed Original Publications: As of 10/11/2019

Singh, Jasvinder MD, MPH

>650 publications with >425 as first/second/last author

Original articles, >550

Review articles, 19 (1 non peer-reviewed)

Published Cochrane Protocols, 8

Editorials and Perspectives, 40

Corrections/Responses, 3

Book Chapters, 10

Scopus author ID: 7404421736, 57202248222

ORCID: 0000-0003-3485-0006

Web of Science Researcher ID: R-6172-2019

My NCBI: <https://www.ncbi.nlm.nih.gov/myncbi/1dWPeHcC732QD/bibliography/public/>

Doximity Profile: <https://www.doximity.com/pub/jasvinder-singh-md-b9e923cd>

Google Scholar Profile: <https://scholar.google.com/citations?hl=en&user=6CgR48UAAAAJ>

LinkedIn: <https://www.linkedin.com/in/jasvinder-md-78634a29/>

Publons: <https://publons.com/researcher/2981972/jasvinder-singh/>

**Report Date: 09/22/2021**

**Scopus**

H-index= 83 by Scopus (Articles: 616)

Citations = 70,598

**Google Scholar**

**H-index= 110**

**Citations = 123,797**

**i10-index = 437**

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Singh, Jasvinder MD, MPH

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648. **Singh JA**. Editorial: Stem cells and other Innovative Intraarticular Therapies for Osteoarthritis: What does the Future hold? BMC Med. 2012 May 2;10:44. doi: 10.1186/1741-7015-10-44 Pubmed PMID: 22551396. PubMed Central PMCID: PMC3364907.
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650. **Singh JA**. Editorial: Responsiveness Differences in Outcome Instruments after Revision Hip Arthroplasty: What are the implications? BMC Musculoskelet Disord. 2011 May 23;12(1):107. PubMed PMID: 21605397. PubMed Central PMCID: PMC3118152.
651. **Singh JA**. Editorial: Current Concepts in arthroplasty. Open Orthopedics Journal. 2011; Volume 5. Pubmed PMID: 21584271. PubMed Central PMCID: PMC3092425.
652. **Singh JA**. Editorial: Advances in Gout: Some Answers, More questions. Arthritis Res Ther. 2010;12(5):136. Epub 2010 Sep 24. Pubmed PMID: 20959031. PubMed Central PMCID: PMC2990989.
653. **Singh JA**. Editorial: Health care costs in gout: what are these emerging data telling us? J Clin Rheumatol. 2009 Feb;15(1):1-2. Pubmed PMID: 19131762.
654. **Singh JA**, Solomon DH, Dougados M, Felson D, Hawker G, Katz P, Paulus H, Siegel J, Wallace C (**Letter**). Contributions of OMERACT to rheumatic disease research. Arthritis and Rheumatism 2007 Feb 15; 57(1):186. Pubmed PMID: 17266140.
655. **Singh J**, Schumacher HR (**Letter**). Immunohistochemical study of normal human knee synovium: A quantitative study. Annals of the Rheumatic Diseases 2004; 63:1533. No PUBMED ID.

Published Cochrane Library Protocols:

656. Sharma G, Mudano A, **Singh JA** (protocol). Interleukin inhibitors for psoriatic arthritis. Cochrane Database Syst Rev. 2018.
657. Hindryckx P, Zou GY, Feagan BG, Garg SK, **Singh JA**, Lobaton T, Singh S, Parker CE, Nguyen TM,



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Silverberg OM, Khanna R, Jairath V. Biologic drugs for induction and maintenance of remission in Crohn's disease: a network meta-analysis (protocol). *Cochrane database of systematic reviews*, 2017 (8): CD012751.

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659. Morris AC, **Singh JA**, Ponce B, Bickel CS. Exercise Therapy following Rotator Cuff repair (protocol). *Cochrane Database Syst Rev*. 2016
660. Anand V, Garg S, Lopez-Olivo MA, **Singh JA**. Ofatumumab for Rheumatoid arthritis. (protocol). In press, *Cochrane Database Syst Rev*. 2016.

#### Book Chapters:

661. Johnston BC, Patrick DL, Devji T, Maxwell LJ, Bingham III CO, Beaton D, Boers M, Briel M, Busse JW, Carrasco-Labra A, Christensen R, da Costa BR, Eccleston C, El Dib R, Lyddiatt A, Ostelo RW, Shea B, **Singh JA**, Terwee CB, Williamson P, Gagnier J, Tugwell P, Guyatt GH. Chapter 18: Patient-reported outcomes. In: Higgins JPT, Thomas J, Chandler J, Cumpston M, Li T, Page MJ, Welch VA (editors). *Cochrane Handbook for Systematic Reviews of Interventions*. 2nd Edition. Chichester (UK): John Wiley & Sons, 2020: [479–492]. © 2020 The Cochrane Collaboration. Published 2020 by John Wiley & Sons Ltd.
662. **Singh JA** (2018). Quality of life. Gout. Editors Schlesinger and Lipsky et al. Springer.
663. **Singh JA**, Shah N (2016). Patient-reported outcome Measures (PROMs) in gouty arthritis. *Patient Reported Outcome Measures in Rheumatic Diseases*. Editor El-Meidany et al.
664. **Singh JA** (2014). Treatment Guidelines in Rheumatoid Arthritis (updated chapter). *InPractice Rheumatology*, Borenstein D et al.
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666. **Singh JA** (2013). Botulinum toxin applications in musculoskeletal pain & arthritis. In, *Manual of Botulinum toxin* (In press). Editors Troung, D et al.
667. **Singh JA** (2011). Gouty Arthritis. In, *Evidence-Based Orthopedics*, BMJ. Editors Bhandari, M et al.
668. **Singh JA**, Reddy S (2011). Quality of care in Gout. Elsevier. In, *Gout*. Editor, Terkeltaub, R.
669. Mahowald ML, Krug HE, **Singh JA**, Dykstra D (2009). Botulinum toxin for Osteoarticular Pain. In, *Botulinum Toxin: Therapeutic Clinical Practice and Science*. Editors, Jankovic J, Albanese A, Atassi M, Dolly J, Hallett M, Mayer N. Saunders Elsevier, Philadelphia, 2009; pages 295-307.
670. Strand V, **Singh JA** (2009). Health Related Quality of Life in Rheumatoid Arthritis. Elsevier. In, *Rheumatoid Arthritis*. Editors, Weinblatt, ME et al.
671. **Singh JA**. (2007). Gout. *The Year in Rheumatic Disorders*. R. Madhok, H. Capell and H. Luthra. Oxford, Clinical Publishing. 6: 153-168.

**PUBLISHED ABSTRACTS** (Manuscripts published, in press, under review or under preparation for 194 of the 200 abstracts)

1. **Singh J**, Brasington, R. Pulmonary Takayasu's arteritis mimicking acute pulmonary embolism. *Annals of the Rheumatic Diseases*, 2001; 60:313.XVI European League against Rheumatism (EULAR) 2001 meeting, Prague, Czech Republic. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
2. **Singh J**, Brasington, R. Ciprofloxacin-related acute peripheral neuropathy in a patient with SLE. *Annals of the Rheumatic Diseases*, 2001; 60:310.XVI EULAR 2001 meeting, Prague, Czech Republic. Outcome: Manuscript published. Role: PI- Data collection for the case-report, preparation and presentation of the abstract.
3. **Singh J**, Mao D, Xu C, Molina H. Regulation of maternal Complement activation is critical for fetal survival. Poster presentation at third biennial Arthritis Research Conference, San Diego, CA (2001). Outcome: No manuscript published. Role: Co-investigator- Data analyses, preparation and presentation of the abstract.
4. **Singh J**, Woodard P, Davila V, Wagoner AI, Zheng J, Eisen S. MRI evaluation of myocardium in patients with SLE: A prospective study. *Arthritis Rheum* 2001; 44:S288. Poster presentation at ACR 2001 meeting, San Francisco, CA. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
5. **Singh J**, Jiang N, Wu X, Molina H. Adequate acquisition of clonal anergy by Cr2<sup>-/-</sup> self-reactive B-cells in a transgenic model of immunological tolerance. *Arthritis & Rheumatism* 2001; 44:S73. Poster presentation at ACR 2001 meeting, San Francisco, CA. Outcome: No manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
6. Lazovskis J, **Singh J**, Mahowald ML. Causes of Death in Patients with Rheumatic Disease Pain Treated with Opioids. *Arthritis & Rheumatism* 2002; 46(supp):S106. Poster presentation at ACR 2002 meeting, New Orleans, LA. Outcome: No manuscript published. Role: Mentor- Study design, data collection, analyses, preparation and presentation of the abstract.
7. Lazovskis J, Mahowald ML, **Singh J**. Lack of evidence for opioid tolerance in patients with rheumatic disease pain. *Arthritis & Rheumatism* 2002; 46(supp):S102. Poster presentation at ACR 2002 meeting, New Orleans, LA. Outcome: Manuscript published. Role: Mentor- Study design, data analyses, preparation and presentation of the abstract.
8. **Singh J**, Pando J, Tomaszewski J, Schumacher HR. Quantitative immunohistochemistry of synovium in very early Rheumatoid arthritis. *Arthritis & Rheumatism* 2002; 46(supp): S102. Poster presentation at ACR 2002 meeting, New Orleans, LA. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
9. **Singh J**, Mahowald ML, Messner RP, Klassen L, Louie J, DeHoratius R. Cross Sectional Survey of Musculoskeletal Disease Practice Patterns in Primary Care Settings: Rates of Self-Management and Injection Therapy by Family Practitioners and Internists. *Arthritis & Rheumatism* 2002; 46(supp):S96.

Poster presentation at ACR 2002 meeting, New Orleans, LA. Outcome: No manuscript published. Role: Co-investigator- Data analyses, preparation and presentation of the abstract.

10. Mahowald ML, Klassen L, Messner RP, Louie J, **Singh J**, DeHoratius R. High Impact Rheumatology Outcomes Study. *Arthritis & Rheumatism* 2002; 46(supp): S590. Oral presentation at ACR 2002 meeting, New Orleans, LA. Outcome: No manuscript published. Role: Co-investigator- Data analyses, preparation and presentation of the abstract.
11. **Singh J**, Schmitz K. Effect of Strength Training on Bone Mineral Density of Young Women: A Prospective, Randomized, Controlled Study. *Journal of Bone & Mineral Research* 2003; 18(supp 2): S376. Poster presentation at 2003 American Bone Mineral Society meeting. Outcome: Manuscript under review. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
12. **Singh J**, Holmgren A, Noorbaloochi S. Comparing methodologies for construction of a Rheumatoid Arthritis Database in a VA Medical Center Setting. *Arthritis & Rheumatism* 2003; 46(supp): S613. Poster presentation at ACR 2003 meeting, Orlando, FL. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
13. **Singh J**, Mahowald M, Dykstra D. Open label Pilot Study of the Efficacy and safety of Intra-articular Botulinum Toxin A for Chronic shoulder pain in the elderly. *Journal of Indian Rheumatology Association* 2003; 11(1):21. Poster presentation at Indian Rheumatology Congress 2003 meeting, New Delhi, India. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
14. **Singh J**, Mahowald M, Dykstra D. Open label Pilot Study of the Efficacy and safety of Intra-articular Botulinum Toxin A for chronic knee and ankle pain. *Journal of Indian Rheumatology Association* 2003; 11(1):21-22. Poster presentation at Indian Rheumatology Congress 2003 meeting, New Delhi, India. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
15. **Singh J**, Nelson D, Nichol K. Health related quality of life (HRQOL) is associated with health services utilization and mortality in Veterans with arthritis. *Journal of Indian Rheumatology Association* 2003; 11(1):29. Poster presentation at Indian Rheumatology Congress 2003 meeting, New Delhi, India. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
16. SS, Duane P, **Singh J**, Franzel C. Wegener's granulomatosis: Is biopsy required for diagnosis? Poster presentation at 2003 American College of Physicians Meeting, Minneapolis, MN. Outcome: Not published. Role: Mentor- review of case report, preparation of the abstract and the poster.
17. Mahowald ML, **Singh J**, Dykstra DD. Report on Intra-articular Botulinum toxin type A for refractory joint pain. *Journal of Investigative Medicine* 2004; 52(Suppl 2): S379. Poster presentation at 2003 Central Society for Clinical Research meeting, Chicago, IL. Outcome: Manuscript published. Role: Co-investigator- Study design, data collection, analyses, preparation and presentation of the abstract.
18. **Singh J**, Nelson D, Nichol K. HRQOL predicts health care utilization and mortality in Veterans with arthritis. *Journal of Investigative Medicine* 2004; 52(Suppl 2): S380. Poster presentation at 2003 Central Society for Clinical Research meeting, Chicago, IL. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
19. **Singh J**, Mahowald ML, Dykstra DD. Intra-articular Botulinum A toxin for chronic shoulder pain in the elderly. *Journal of Investigative Medicine* 2004; 52(Suppl 2): S380. Poster presentation at 2003

Central Society for Clinical Research meeting, Chicago, IL. Outcome: Manuscript Published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.

20. **Singh J**, Mahowald ML, Dykstra DD. Intra-articular Botulinum A toxin for chronic shoulder pain in the elderly. *Journal of Investigative Medicine* 2004; 52(Suppl 2): S380. Poster presentation at 2003 Central Society for Clinical Research meeting, Chicago, IL. Outcome: Published, manuscript Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
21. Mahowald ML, **Singh J**, Dykstra DD. Report on Intra-articular Botulinum toxin type A for refractory joint pain. *Journal of Pain* 2004;5(3)Suppl1:S60. Poster presentation at Joint Annual meeting of American Pain Society and Canadian Pain Society, Vancouver, BC. Outcome: Manuscript Published. Role: Co-investigator- Study design, data collection, analyses, preparation and presentation of the abstract.
22. **Singh J**, Murdoch M, Nichol K. Socio-demographic Characteristics of Female Veterans receiving Health Care at Veterans Administration (VA) facilities are Different from Male Veterans. Poster presentation, First Annual Women's Health Research Conference, University of Minnesota, Minneapolis, MN, September 2004. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
23. **Singh J**, Murdoch M, Nichol K. Functional Status of Female Veterans receiving Health Care at Veterans Administration (VA) facilities. Poster presentation, First Annual Women's Health Research Conference, University of Minnesota, Minneapolis, MN, September 2004. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
24. **Singh J**, Nelson DB, Nichol KL. Significant Functional Limitation Exists in Veterans with Self-reported Arthritis. *Arthritis & Rheumatism* 2004; 50 (9) (supp):S515. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
25. **Singh J**, Nelson DB, Nichol KL. Predictors of Functional Limitation in Veterans with Self-reported Physician-diagnosed Arthritis. *Arthritis & Rheumatism* 2004; 50 (9) (supp):S514. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
26. **Singh J**, Nelson DB, Nichol KL. Self-report of a Physician Diagnosis of Arthritis is not accurate. *Arthritis & Rheumatism* 2004; 50 (9) (supp):S664. Oral presentation at Annual meeting of American College of Rheumatology, October 2004. Outcome: Under review. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
27. **Singh J**, Mahowald ML, Mahowald MW. Sleep discrepancy between Polysomnographic Measures and Patient Self Report of Sleep Quantity and Quality in Patients with Rheumatoid Arthritis. *Arthritis & Rheumatism* 2004; 50 (9) (supp):S174. Outcome: Manuscript under preparation. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
28. Mahowald ML, **Singh J**, Dykstra D. Long Term Effects of Intra-articular Botulinum A Toxin for Refractory Joint Pain. *Arthritis & Rheumatism* 2004; 50(9) (supp):S454. Oral presentation at the Annual meeting of American College of Rheumatology, October 2004. Outcome: In press. Role: Co-investigator- review of analyses, preparation of the abstract and presentation.
29. **Singh J**, Nelson DB, Nichol KL. Veterans with Self-reported Arthritis have Significant Functional Limitation. *Osteoarthritis Cartilage* 2004; 12 (Suppl B):S114. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.

30. **Singh J**, Nelson DB, Nichol KL. Determinants of Activity Limitation in Veterans with Self-report of a Physician Diagnosis of Arthritis. *Osteoarthritis Cartilage* 2004; 12 (Suppl B):S114. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
31. **Singh J**, Nelson DB, Nichol KL. Self-report of a Physician Diagnosis of Arthritis by veterans is inaccurate. *Osteoarthritis Cartilage* 2004; 12 (Suppl B):S56-7. Outcome: Manuscript under review. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
32. **Singh J**, Nelson DB, Toscano J, Hodges J, Thomas J. Quality of care for veterans with diagnosis of gout. *Arthritis & Rheumatism* 2005; 52 (9) (supp):S410. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
33. **Singh J**, Noorbaloochi S. Diagnoses of Spondyloarthropathies in Minneapolis Veterans Affairs Medical Center (MVAMC) administrative database is accurate. *Journal of Indian Rheumatology*. 2005; 13(1):14. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
34. **Singh J**, Nelson D, Hodges J, Thomas J, Toscano J. Quality of care for veterans with diagnosis of gout. *Journal of Indian Rheumatology Association* 2005; 13(1):35-36. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
35. **Singh J**, Mahowald M, Dykstra D. Long term effects of intra-articular Botulinum A toxin for refractory joint pain. *Journal of Indian Rheumatology Association* 2005; 13(1):7. Outcome: Manuscript, In press, *Journal of Clinical Rheumatology*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
36. **Singh J**, Nichol KL. Gout is Associated with Poorer Quality of Life and Greater Health Care Utilization. Oral presentation, Minnesota Health Services Research Conference, March 7, 2006, Minneapolis, USA. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
37. **Singh J**, Noorbaloochi S. Diagnoses of Spondyloarthropathies in Minneapolis Veterans Affairs (VA) Databases are Accurate. Oral presentation, Minnesota Health Services Research Conference, March 7, 2006, Minneapolis, USA. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
38. **Singh J**, Nichol KL. Gout is Associated with Poorer Quality of Life and Greater Health Care Utilization. *Annals of the Rheumatic Diseases* 2006; 65 (Suppl II):97. Oral presentation at Annual European League Against Rheumatism (EULAR) Meeting, June 2006. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
39. **Singh J**, Nelson DB, Toscano J, Hodges J, Thomas J. Poor Adherence to Quality of Care Indicators for Treatment of Patients with Gout. *Annals of the Rheumatic Diseases* 2006; 65 (Suppl II):270. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
40. **Singh JA**, Nichol KL. Socio-demographic and Comorbidity correlates of Poor Functional status and High Health Care Utilization on Patients with Osteoarthritis. *Arthritis & Rheumatism* 2006; 54 (9) (supp):S344. Outcome: Manuscript in preparation. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.

41. **Singh JA**, Mahowald ML, Krug HE, Gioe T, Santos E, Schmidt R. Intra-articular Botulinum Toxin A for Painful Total Knee Arthroplasty (TKA). *Arthritis & Rheumatism* 2006; 54 (9) (supp):S541-2. Outcome: Manuscript in preparation. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
42. Lee SJ, Hirsch JD, Terkeltaub R, Khanna D, **Singh J**, Sarkin A, Kavanaugh A. Patients' Perspective on Status of Gout Control: Impact on Health Related Quality of Life (HRQoL). *Arthritis & Rheumatism* 2006; 54 (9) (supp):S643. Outcome: manuscript under review. Role: Site PI- Study design, data collection, review of analyses, preparation and presentation of the abstract.
43. Hirsch JD, Lee SJ, Terkeltaub R, Khanna D, **Singh J**, Sarkin A, Kavanaugh A. Evaluation of Psychometric Properties of a Gout-Specific Patient Reported Outcomes (PRO) Instrument. *Arthritis & Rheumatism* 2006; 54 (9) (supp):S102. Outcome: manuscript in press, *Journal of Rheumatology*. Role: Site PI- Study design, data collection, review of analyses, preparation and presentation of the abstract.
44. Mahowald ML, **Singh JA**, Kushnaryov A, Krug HE. Interim Report of a Randomized Double Blind Controlled Trial of Intra-articular Botulinum Toxin Type A (IA-BoNT/A) vs. Placebo for Moderate and Severe Refractory Knee Pain due to Osteoarthritis. Presented at the Annual American College of Rheumatology Meeting, Nov 11-15, 2006, Washington DC. Outcome: Manuscript under preparation. Role: Co-PI- Study design, data collection, analyses, preparation and presentation of the abstract.
45. Johnson SR, Goek ON, **Singh-Grewal D**, Vlad SC, Feldman BM, Felson DT, Hawker GA, **Singh JA**, DH Solomon. Classification Criteria in Rheumatic Diseases. A Systematic Review. *Arthritis Rheum.* 2006; 54(12):4099. Outcome: Manuscript Published. Role: Senior Co-PI- Study design, data collection, analyses, preparation of the abstract.
46. **Singh JA**, Mahowald ML, Gioe T, Santos E, Schmidt R. Intra-articular Botulinum Toxin A for Painful Total Knee Arthroplasty (TKA). Presented at K-12 Scholar meeting, Washington D.C., March 27th, 2007. Outcome: Trial in progress. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
47. **Singh JA**, Strand V. Gout is Associated with Poorer Health Related Quality of Life (HRQoL) and Greater Health Care Utilization. Presented at the Arthritis Research Conference, April 20-22, 2007 at Stone Mountain, GA. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
48. **Singh JA**, Mahowald ML, Gioe T, Santos E, Schmidt R. Intra-articular Botulinum Toxin A for Painful Total Knee Arthroplasty (TKA). Presented at the Arthritis Research Conference, April 20-22, 2007 at Stone Mountain, GA. Outcome: Trial in progress. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
49. Kushnaryov A, **Singh JA**, Mahowald M. Evaluation of Repeated Intra-articular Botulinum Neurotoxin A for Refractory Knee and Shoulder Pain. Poster presentation at the Internal Medicine 2007 national ACP conference, San Diego, CA, April 19-21, 2007. Outcome: Manuscript in press, *Journal of Clinical Rheumatology*. Role: Co-PI- Study design, data collection, analyses, preparation and presentation of the abstract
50. **Singh JA**, Mahowald ML, Gioe T, Santos E, Schmidt R. A novel intra-articular treatment for refractory Painful Total Knee Arthroplasty (TKA). *Journal of Pain* 2007;8 (4): Suppl 1: S38. Outcome: Trial in progress. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.

51. **Singh JA**, Mahowald ML, Santos E, Schmidt R, Gioe T. Intra-articular Botulinum Toxin A for Painful Total Knee Arthroplasty (TKA). *Annals of the Rheumatic Diseases* 2007; 66 (Suppl II):545. Outcome: Trial in progress. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
52. Gioe T, Pomeroy DL, **Singh JA**, Suthers K, Murphy J. Patient generated range-of-motion measurements in total knee arthroplasty followup. *Annals of the Rheumatic Diseases* 2007; 66 (Suppl II):273-4. Outcome: Manuscript in press, *Rheumatology*. Role: Co-investigator- Data analyses, preparation and presentation of the abstract.
53. Hodges J, Thomas J, Sajjad A, **Singh JA**. Intermittent Allopurinol use and Uric Acid Monitoring in Patients with Gout. *Annals of the Rheumatic Diseases* 2007; 66 (Suppl II): 235. Outcome: Manuscript published online, *Annals of the Rheumatic Diseases*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
54. **Singh JA**, Gioe T, Sloan J. Health related quality of life, functional limitation and comorbidity in Veterans with Total Knee Arthroplasty. *Annals of the Rheumatic Diseases* 2007; 66 (Suppl II):633. Outcome: Manuscript in press, *Rheumatology*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
55. Ayub S, **Singh JA**. Rituximab: Emerging Treatment For Cryoglobulinemic Vasculitis. Poster presentation at the 2007 American College of Physicians Local Chapter Meeting, Minneapolis, MN October, 2007. Outcome: Manuscript under preparation. Role: Mentor- Case report data collection, supervised preparation of the abstract.
56. **Singh JA**, Gioe T, Sloan J. Veterans with Total Knee or Total Hip Arthroplasty (TKA, THA) have Poor Physical Health Related Quality Of Life (HRQoL): A Population-based Study. *Arthritis Rheum* 2007;56; 9 (Suppl): S666. Outcome: Manuscript in press, *Rheumatology*.. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
57. **Singh JA**, Gabriel S, Lewallen D. Gender and Arthroplasty Type Affects the Prevalence of Moderate or Severe Pain Post Total Hip Arthroplasty (THA). *Arthritis Rheum* 2007;56; 9 (Suppl): S679. Outcome: Manuscript under preparation. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
58. **Singh JA**, Gabriel S, Lewallen D. Age and Gender are Predictors of Moderate or Severe Pain Post Total Knee Arthroplasty (TKA). *Arthritis Rheum* 2007;56; 9 (Suppl): S804 & Oral presentation at the Annual American College of Rheumatology Meeting, Boston –November 6-11, 2007. Outcome: Manuscript in press, *Clinical Orthopedics and Related Research*.. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
59. Mahowald ML, **Singh JA**, Goelz E, Kushnaryov A, Krug HE. Intra-Articular Botulinum Toxin Type A (IA-BoNT/A) for refractory Knee pain: Randomized Controlled Trial in patients with Rheumatoid Arthritis (RA) and Osteoarthritis (OA). *Arthritis Rheum* 2007;56; 9 (Suppl): S662. Outcome: Manuscript published. Role: Co-PI- Study design, data collection, analyses, preparation and presentation of the abstract.
60. **Singh JA**, Gabriel S, Lewallen D. Age and Gender are Predictors of Moderate or Severe Pain Post TKA. Poster Presentation at the Annual American Academy of Knee and Hip Surgeons (AAKHS) meeting, Gaylord Texan Resort - Nov. 2-4, 2007. Outcome: Revised Manuscript in press, *Clinical Orthopedics and Related Research*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.

61. **Singh JA**, Gioe T, Sloan J. Total Knee and Total Hip Arthroplasty status is associated with more activity limitation and health care utilization: A Population-based Study. *Osteoarthritis & Cartilage* 2007; 15 (suppl C):C234 &Poster Presentation at the 2007 World Congress on Osteoarthritis, Ft Lauderdale, FL, December 6-9, 2007. Outcome: Manuscript under review, *Rheumatology*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
62. **Singh JA**, Gioe T, Sloan J. Veterans with Total Knee Arthroplasty (TKA) or Total Hip Arthroplasty have Poorer Physical Health Related Quality of Life (HRQoL) than Controls. *Osteoarthritis & Cartilage* 2007; (suppl C):C38 &Poster Presentation at the 2007 World Congress on Osteoarthritis, Ft Lauderdale, FL, December 6-9, 2007. Outcome: Manuscript in press, *Rheumatology*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
63. **Singh JA**, Gabriel S, Lewallen D. Gender and Arthroplasty Type Affects the Prevalence of Moderate or Severe Pain Post Total Hip Arthroplasty (THA). *Osteoarthritis & Cartilage* 2007; 15 (suppl C):C138 &Oral presentation at the 2007 World Congress on Osteoarthritis, Ft Lauderdale, FL, December 6-9, 2007. Outcome: Manuscript under preparation. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
64. **Singh JA**, Gabriel S, Lewallen D. Age and Gender are Predictors of Moderate or Severe Pain Post Total Knee Arthroplasty (TKA). *Osteoarthritis & Cartilage* 2007; 15 (suppl C):C152 and poster Presentation at the 2007 World Congress on Osteoarthritis, Ft Lauderdale, FL, December 6-9, 2007. Outcome: Paper under review, *Journal of Rheumatology*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
65. **Singh JA**, Mahowald ML, Noorbaloochi S. Intra-Articular Botulinum Toxin Type A (IA-BoNT/A) Decreases Shoulder Pain in Patients with Refractory Shoulder Pain due to osteoarthritis: A Randomized Double-Blind Placebo-Controlled Trial. *Arthritis Rheum* 2007;56 (12): 4233. Outcome: Manuscript published. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
66. **Singh JA**, Nelson DB. Clinically applicable prediction rule for hospitalization and mortality. Presented at the 2008 VA Health Services Research and Development Meeting, February 13-15, 2008 at Baltimore, MD. Outcome: Manuscript under preparation. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
67. Gioe T, **Singh JA**, Pomeroy DL, Suthers K. Patient generated range-of-motion measurements in total knee arthroplasty followup. Oral presentation, Mid America Orthopedic Association Meeting, April 16-20, 2008, Champions Gate, FL. Outcome: Paper in press., *Rheumatology*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
68. **Singh JA**, Gabriel S, Knuston K. Pain Biomarkers in osteoarthritis and inflammatory arthritis. *Clinical Journal of Pain* 2008:P2 (107). Outcome: Manuscript under preparation. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
69. **Singh JA**, Murphy S, Bhandari M. Assessment of the Methodological Quality of Arthroplasty Clinical Trials. *Arthritis Rheum*. 2008;59 (9 Suppl): S752-53. Poster presentation at the 2008 ACR Annual Meeting, San Francisco, Oct 25-28, 2008. Outcome: In press, *Journal of Rheumatology*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
70. **Singh JA**, Murphy S, Bhandari M. The Association of Study Quality and Study Outcomes: A Systematic Review of Randomized Controlled Trials in Arthroplasty. *Arthritis Rheum*. 2008;59 (9 Suppl): S736. Poster presentation at the 2008 ACR Annual Meeting, San Francisco, Oct 25-28, 2008.



Outcome: In press, Journal of Clinical Epidemiology. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.

71. **Singh JA**, Gabriel SE, Lewallen D. Higher Body Mass Index is Not a Predictor of Moderate to Severe Pain Post Total Knee Arthroplasty (TKA). *Arthritis Rheum.* 2008;59(9 Suppl):S735. Accepted for poster presentation at the 2008 ACR Annual Meeting, San Francisco, Oct 25-28, 2008. Outcome: Paper under review, *JBJS (Br)*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
72. **Singh JA**, O'byrne M, Lewallen D. Predictors of Severe Functional Limitation 2- and 5-years Post Total Knee Arthroplasty (TKA). *Arthritis Rheum.* 2008;59(9 Suppl):S490-91. Accepted for poster presentation at the 2008 ACR Annual Meeting, San Francisco, Oct 25-28, 2008. Outcome: In press, *Clinical Rheumatology*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
73. **Singh JA**, Hodges J, Asch S. Opportunities for Improving Medication use and Monitoring in Gout. Oral abstract at the Annual 2008 Indian Rheumatology Association Meeting, Pune, India, November 27, 2008. Outcome: Published, *Annals of Rheumatic Diseases*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
74. **Singh JA**, Gabriel S, Lewallen D. Gender and Arthroplasty Type Affects the Prevalence of Moderate or Severe Pain Post Total Hip Arthroplasty (THA). Poster presentation at the Annual 2008 Indian Rheumatology Association Meeting, Pune, India, November 26-29, 2008. Outcome: In press, *Journal of Arthroplasty*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
75. **Singh JA**, Gabriel S, Lewallen D. Gender and Arthroplasty Type Affect Prevalence of Moderate-Severe Pain Post Total Hip Arthroplasty. Oral abstract at the 13th International Conference on Biomedical Engineering, Singapore, December 3-6, 2008. Outcome: Published, *Journal of Arthroplasty*. Role: PI- Study design, data collection, analyses, preparation and presentation of the abstract.
76. **Singh JA**, Gabriel S, Lewallen D. Body Mass Index is not a predictor Moderate or Severe Pain Post Total Knee Arthroplasty. Oral abstract at the Annual American Academy of Orthopedic Surgeons (AAOS) meeting, February 23-28, 2009, Las Vegas, NV. Outcome Manuscript published. Role: PI- Study design, supervised data analyses, preparation and presentation of the abstract.
77. **Singh JA**, Colligan R, O'byrne M, Lewallen D. Pessimistic Explanatory Style: Risk Factor for Poorer Outcomes 2-years after Total Knee Arthroplasty. Poster presentation at the Central Society for Clinical Research, Chicago, IL, April 23-24, 2009. Outcome: Manuscript submitted for publication. Role: PI- Study design, supervised data analyses, preparation and presentation of the abstract.
78. **Singh JA**, Gabriel S, Lewallen D. Body Mass Index is not a predictor Moderate or Severe Pain Post Total Knee Arthroplasty. Poster presentation at the Central Society for Clinical Research, Chicago, IL, April 23-24, 2009. Outcome: Manuscript published. Role: PI- Study design, supervised data analyses, preparation and presentation of the abstract.
79. **Singh JA**, O'byrne M, Lewallen D. Predictors of Severe Functional Limitation 2- and 5-years Post Total Knee Arthroplasty (TKA). Oral presentation at the Mid-America Orthopedic Association meeting, Amelia Island, FL, April 23-26, 2009. Outcome: Manuscript published. Role: PI- Study design, supervised data analyses, preparation and presentation of the abstract.
80. **Singh JA**, Colligan R, O'byrne M, Lewallen D. Psychological factors affecting outcomes after Total Knee Arthroplasty. Oral presentation at the Mid-America Orthopedic Association meeting, Amelia

Island, FL, April 23-26, 2009. Outcome: Manuscript published. Role: PI- Study design, supervised data analyses, preparation and presentation of the abstract.

81. **Singh JA**, Gabriel S, Lewallen D. Body Mass Index is not a predictor Moderate or Severe Pain Post Total Knee Arthroplasty. Poster presentation at the Mid-America Orthopedic Association meeting, Amelia Island, FL, April 23-26, 2009. Outcome: Manuscript published. Role: PI- Study design, supervised data analyses, preparation and presentation of the abstract.
82. **Singh JA**, O'byrne M, Lewallen D. Predictors of Severe Functional Limitation 2- and 5-years Post Total Knee Arthroplasty (TKA). Poster presentation at the European League Against Rheumatism meeting, Copenhagen, Denmark, June 11-13, 2009. Outcome: Manuscript published. Role: PI- Study design, supervised data analyses, preparation and presentation of the abstract.
83. **Singh JA**, Colligan R, O'byrne M, Lewallen D. Pessimistic Explanatory Style: Risk Factor for Poorer Outcomes 2-years after Total Knee Arthroplasty. Poster presentation at the European League Against Rheumatism meeting, Copenhagen, Denmark, June 11-13, 2009. Outcome: Manuscript submitted for publication. Role: PI- Study design, supervised data analyses, preparation and presentation of the abstract.
84. Hightower D, Morgan P, Gioe T, **Singh JA**. Is the Office Visit Necessary? Patient Reported Outcome Scores and X-rays Alone as Follow-up for TKA. Accepted for podium presentation, American Academy of Orthopaedic Surgeons Annual meeting, March 9-13, 2010 in New Orleans, LA. Outcome: Manuscript under preparation. Role: Senior mentor; supervised study design and power analyses; performed statistical analyses; assisted in manuscript preparation and revision.
85. Johnson M, Gioe T, **Singh JA**. Maximizing Patient Understanding in Informed Consent for Total Knee Arthroplasty. Podium presentation, American Academy of Orthopaedic Surgeons Annual meeting, March 9-13, 2010 in New Orleans, LA. Outcome: Manuscript published. Role: Senior mentor; supervised study design and power analyses; performed statistical analyses; assisted in manuscript preparation and revision.
86. Neogi T, Niu J, Frey-Law L, Arendt-Nielsen L, **Singh JA**, Scholz, J et al; Role of Central Sensitization in Persistent Pain Post-Knee Replacement: The MOST Study. [abstract. Arthritis Rheum 2010;62 Suppl 10 :1385 DOI: 10.1002/art.29151. Oral abstract, American College of Rheumatology Annual Meeting, Atlanta, Georgia November 6-11, 2010. Outcome: Manuscript in preparation. Role: Co-investigator.
87. **Singh JA**, Neogi T, Felson DT, Torner J, Baker K, Nevitt, MC, et al; Analysis of the Multicenter Osteoarthritis (MOST) Study. [abstract. Arthritis Rheum 2010;62 Suppl 10 :951. Poster, American College of Rheumatology Annual Meeting, Atlanta, Georgia November 6-11, 2010. Outcome: Manuscript in preparation. Role: Co-PI.
88. **Singh JA**, Niu J, Frey-Law L, Scholz, J, Arendt-Nielsen L, Lewis CA, et al; Racial/Ethnic and Sex Differences in Somatosensory Abnormalities in Subjects with or at High Risk of Knee Osteoarthritis: Preliminary Analysis of the Multicenter Osteoarthritis (MOST) Study. [abstract. Arthritis Rheum 2010;62 Suppl 10 :1557 DOI: 10.1002/art.29323. Poster, American College of Rheumatology Annual Meeting, Atlanta, Georgia November 6-11, 2010. Outcome: Manuscript in preparation. Role: PI.
89. Caplan L, Hines AE, McDonald JR, Zeringue AL, Mann A, Sufka PH, **Singh JA** et al; Observational Study To Evaluate the Relationship of Methotrexate to Interstitial Lung Disease in Rheumatoid Arthritis. [abstract. Arthritis Rheum 2010;62 Suppl 10 :1395 DOI: 10.1002/art.29161. Poster, American College of Rheumatology Annual Meeting, Atlanta, Georgia November 6-11, 2010. Outcome: Manuscript in preparation. Role: Co-investigator.

90. Khanna G, Gioe T, **Singh JA**. Patient-Generated Outcome Measures in Long-Term TKA follow-up: Self-Report vs. Surgeon Assessment. Poster presentation, American Academy of Orthopaedic Surgeons Annual meeting, March 9-13, 2010 in New Orleans, LA. Outcome: Manuscript published. Role: Senior mentor; supervised study design and power analyses; performed statistical analyses; assisted in manuscript preparation and revision.
91. **Singh JA**, Houston TK, Ponce B, Maddox G, Bishop M, Richman J, Campagna E, Henderson WG, Hawn M. Smoking is a risk factor for outcomes after total hip and total knee arthroplasty. Oral presentation, Oral presentation, American Academy of Hip and Knee Surgeons (AAHKS) meeting, November 2010, Dallas, TX. Outcome: Manuscript submitted. Role: supervised study design and analyses; wrote the first draft of the manuscript; revision of manuscript and submission.
92. **Singh JA**, Houston TK, Ponce B, Maddox G, Bishop M, Richman J, Campagna E, Henderson WG, Hawn M. Is smoking a risk factor for poor outcomes after total knee and total hip arthroplasty? Oral presentation, Oral presentation, American Academy of Orthopedic Surgeons (AAOS) Annual meeting, February, 2011, San Diego, CA. Outcome: Manuscript submitted. Role: supervised study design and analyses; wrote the first draft of the manuscript; revision of manuscript and submission.
93. **Singh JA**, Houston TK, Ponce B, Maddox G, Bishop M, Richman J, Campagna E, Henderson WG, Hawn M. Smoking is a risk factor for outcomes after total hip and total knee arthroplasty. Oral presentation, Mid-American Orthopedic Association (MAOA), April 2011, Dallas, TX. Outcome: Manuscript submitted. Role: supervised study design and analyses; wrote the first draft of the manuscript; revision of manuscript and submission.
94. **Singh JA**, Lewallen DG. Peptic Ulcer disease is Associated with Periprosthetic fractures after total hip replacement. Poster, American College of Rheumatology (ACR) 2011 Annual Meeting. Arthritis Rheum 2011;63 Suppl 10 :1063. Outcome: Manuscript published. Role: supervised study design and analyses; wrote the first draft of the manuscript; revision of manuscript and submission.
95. Neogi T, Niu J, Felson DT, Nevitt MC, Zhang Y, Frey-Law L, **Singh JA** et al; Time-Course and Extent of Pain and Function Improvements Post-Knee Replacement: The Multicenter Osteoarthritis Study. [abstract. Arthritis Rheum 2011;63 Suppl 10 :742. Oral abstract/poster, American College of Rheumatology Annual Meeting, Chicago, Illinois, November 4-9, 2011. Outcome: Manuscript in preparation. Role: Co-investigator.
96. Khanna P, Hirsch J, Lee SJ, Terkeltaub R, **Singh JA**, Kavanaugh, AF, et al; Gout Characteristics, Health-Related Quality of Life and Health Care Utilization: Caucasians Vs. Non-Caucasians In An Observational Cohort of Patients with Gout. [abstract. Arthritis Rheum 2011;63 Suppl 10 :895. Poster, American College of Rheumatology Annual Meeting, Chicago, Illinois, November 4-9, 2011. Outcome: Manuscript in preparation. Role: Co-investigator.
97. Lecomte P, Bessette L, Ferreira A, Goertz H, Jones P, **Singh JA**; Multinational, Prospective, Observational Study to Characterize and Assess the Burden of Refractory Gouty Arthritis on Patients Over One Year: Global Baseline Results. [abstract. Arthritis Rheum 2011;63 Suppl 10 :892. Poster, American College of Rheumatology Annual Meeting, Chicago, Illinois, November 4-9, 2011. Outcome: Manuscript in preparation. Role: Senior author/mentor.
98. Lecomte P, Bessette L, Ferreira A, Goertz H, Jones P, **Singh JA**; Multinational, Prospective, Observational Study to Characterize and Assess the Burden of Refractory Gouty Arthritis on Patients Over One Year: US Baseline Results. [abstract. Arthritis Rheum 2011;63 Suppl 10 :894. Poster, American College of Rheumatology Annual Meeting, Chicago, Illinois, November 4-9, 2011. Outcome: Manuscript in preparation. Role: Senior author/mentor.

99. **Singh JA**, Lewis CE, Wang, K, Felson DT, Nevitt, MC, Torner J, et al; Pain Catastrophizing, but Not Widespread Pain, Is Associated with Poor Pain Outcomes After Knee Replacement: An Analysis From the Multicenter Osteoarthritis Study (MOST). [abstract. *Arthritis Rheum* 2011;63 Suppl 10 :744. Poster, American College of Rheumatology Annual Meeting, Chicago, Illinois, November 4-9, 2011. Outcome: Manuscript in preparation. Role: PI.
100. Pinsky BW, Pandya BJ, Rey GG, **Singh JA**; Total Health-Care Costs Among Gout Patients On Allopurinol or Febuxostat. [abstract. *Arthritis Rheum* 2011;63 Suppl 10 :890. Poster, American College of Rheumatology Annual Meeting, Chicago, Illinois, November 4-9, 2011. Outcome: Manuscript in preparation. Role: PI.
101. Pandya BJ, Pinsky BW, Rey GG, **Singh JA**; Serum Urate Lowering Effectiveness of Febuxostat Compared with Allopurinol and Switching to Febuxostat From Allopurinol In the Real-World Setting. [abstract. *Arthritis Rheum* 2011;63 Suppl 10 :891. Poster, American College of Rheumatology Annual Meeting, Chicago, Illinois, November 4-9, 2011. Outcome: Manuscript in preparation. Role: PI.
102. **Singh JA**, Hagerty D, Storgard C, Mischler R, Morlock R. Proposed Gout Treatment Guidelines and Meeting Serum Urate and Flare Goals. *Arthritis Rheum*. 2012;64(10 Suppl):S62-63. Poster, American College of Rheumatology (ACR) 2012 Annual Meeting. Role: PI.
103. Taylor W, Dalbeth N, **Singh JA**, Saag KG, Schumacher HR. Towards a Preliminary Definition of Remission From Gout. *Arthritis Rheum*. 2012;64(10 Suppl):S64-65. Poster, American College of Rheumatology (ACR) 2012 Annual Meeting. Role: co-I.
104. Tjarnlund A, Bottai M.....**Singh JA** and the International Myositis Classification Criteria Project. Progress Report On Development of Classification Criteria for Adult and Juvenile Idiopathic Inflammatory Myopathies. *Arthritis Rheum*. 2012;64(10 Suppl):S323-24. Poster, American College of Rheumatology (ACR) 2012 Annual Meeting. Role: co-I.
105. **Singh JA**, Lewallen DG. Lower Income Paradoxically Associated with Better Patient-Reported Outcomes After Knee Arthroplasty in the U.S. *Arthritis Rheum*. 2012;64(10 Suppl):S471. Poster, American College of Rheumatology (ACR) 2012 Annual Meeting. Role: PI.
106. Navarro- Millan I, Yang S, DuVall SL, Chen L, Baddley J, Cannon GW, Delzell ES, Jie Zhang, Safford MM, Patkar NM, Mikuls TR, **Singh JA**, Curtis J. Role of Inflammation, Serologic Status and Low Density Lipoprotein in Coronary Heart Disease Among Patients with Rheumatoid Arthritis: Data From the National Veterans Health Administration. *Arthritis Rheum*. 2012;64(10 Suppl):S542-43. Poster, American College of Rheumatology (ACR) 2012 Annual Meeting. Role: co-I.
107. Maxwell JL, Niu J, Keysor JJ, Neogi T, Yang T, Nevitt MC, **Singh JA** et al; The Effect of Knee Replacement On Participation Outcomes: The Multicenter Osteoarthritis Study and Osteoarthritis Initiative. [abstract. *Arthritis Rheum* 2012;64 Suppl 10 :1553 DOI: 10.1002/art.39285. Poster, American College of Rheumatology Annual Meeting, Washington, D.C., November 6-11, 2012. Outcome: Manuscript in preparation. Role: Co-investigator. Role: co-I.
108. **Singh JA**. Accuracy of Veterans Affairs Database for Gout-Related Health Care Utilization. *Arthritis Rheum*. 2012;64(10 Suppl):S771. Poster, American College of Rheumatology (ACR) 2012 Annual Meeting. Role: PI.
109. **Singh JA**, Richman J. Poor Quality of Gout Care Is Strongly Associated with Higher Gout-Related Health Care Utilization. *Arthritis Rheum*. 2012;64(10 Suppl):S863-64. Poster, American College of Rheumatology (ACR) 2012 Annual Meeting. Role: PI.

110. Baddley J, Yang S, DuVall SL, Chen L, Cannon GW, Delzell ES, Jie Zhang, Safford MM, Patkar NM, Mikuls TR, **Singh JA**, Navarro- Millan I, Curtis J. Rates of Opportunistic Infections Among Rheumatoid Arthritis Patients Switching Biologic Therapy. *Arthritis Rheum.* 2012;64(10 Suppl):S885. Poster, American College of Rheumatology (ACR) 2012 Annual Meeting.
111. **Singh JA**, Lewallen DG. Ipsilateral Lower Extremity Joint Involvement Increases the Risk of Poor Pain and Function Outcomes After Hip or Knee Arthroplasty. *Arthritis Rheum.* 2012;64(10 Suppl):S1029-30. Poster, American College of Rheumatology (ACR) 2012 Annual Meeting. Role: PI.
112. Curtis J, Yang S, Chen L, Patkar NM, **Singh JA**, Mikuls TR, Cannon GW, Delzell ES, Zhang J, Safford MM, DuVall SL, Navarro- Millan I, Baddley J. Hospitalized Bacterial Infections Among U.S. Veterans with Rheumatoid Arthritis Initiating TNF Antagonist and Newer Biologic Agents. *Arthritis Rheum.* 2012;64(10 Suppl):S1074. Poster, American College of Rheumatology (ACR) 2012 Annual Meeting.
113. **Singh JA**, Wells GA, Christensen R, Tanjong Ghogomu E, Maxwell L, Macdonald JK, Tugwell P, Buchbinder R for Cochrane Biologics Systematic Review group. Risk of cancer, serious lung infections and death with biologics: A systematic review and Network Meta-analysis of randomized controlled trials (RCTs). Oral abstract, OP0071, Abstract session: RA: anti-TNF therapy, EULAR 2013, Madrid, Spain, 12 – 15 June 2013. Role: PI.
114. **Singh JA**, Lewallen DG. Income and patient-reported outcomes (PROs) after primary total knee arthroplasty. Oral abstract, OP0093, Abstract session: Epidemiology: outcomes, , EULAR 2013, Madrid, Spain, 12 – 15 June 2013.
115. Tjarnlund A, Matteo R, Miller F, Rider L,.....**Singh JA**, Liang M, Lundberg I. Progress report on the development of new classification criteria for adult and juvenile idiopathic inflammatory myopathies. Oral abstract, OP0035, Abstract session: Clinical scleroderma and myositis, EULAR 2013, Madrid, Spain, 12 – 15 June 2013.
116. **Singh JA**, Lewallen DG. Underlying diagnosis predicts patient-reported outcome after revision total hip arthroplasty. Poster presentation FRI0527, EULAR 2013, Madrid, Spain, 12 – 15 June 2013. Role: PI.
117. **Singh JA**, Lewallen DG. Ipsilateral lower extremity joint involvement increases the risk of poor pain and functional outcomes after hip or knee arthroplasty. Poster presentation FRI0526, EULAR 2013, Madrid, Spain, 12 – 15 June 2013. Role: PI.
118. **Singh JA**, Lewallen DG. Medical comorbidity is associated with persistent index hip pain after primary THA. Poster presentation SAT0335, EULAR 2013, Madrid, Spain, 12 – 15 June 2013. Role: PI.
119. **Singh JA**, Lewallen DG. Patients with osteoarthritis have better functional outcomes compared to rheumatoid arthritis after primary hip arthroplasty: A Cohort study. Poster presentation THU0552, EULAR 2013, Madrid, Spain, 12 – 15 June 2013. Role: PI.
120. **Singh JA**, Vazquez A, Reynolds R, Srinivasasainagendra V, Bridges SL, Allison D. Association Of BMI, 8 SNPs Reported To Be Related To Gout Phenotype and Their Interaction In Gout Incidence In Framingham Heart Study. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. *Arth Rheum* 2013; 65 (suppl 10): S68. Role: PI.
121. Shakoor N, Felson DT, Niu J, Segal NA, Sa L, Nguyen DT, **Singh JA**, Nevitt MC. The Association Of Knee Buckling With Vibratory Perception and Muscle Strength: The Multicenter Osteoarthritis Study. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA.

Arth Rheum 2013; 65 (suppl 10): S103-104.

122. **Singh JA**, Storgard C, Baumgartner S, Morlock R. Use Of High-Dose Allopurinol To Reach Serum Uric Acid Targets In Patients With Gout Across Multiple Countries. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S502.
123. Khanna P, Reimold AM, Kerr GS, Richards S, Chang E, Singh **JA**, Schumacher HR, Banerjee T, Khanna D. Proportion Of Patients Achieving Serum Urate Target In a Longitudinal Veterans Administration (VA) Gout Registry: Crystal Registry. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S508.
124. **Singh JA**, Schleck C, Harmsen W, Lewallen D. Validation Of The Mayo Hip Questionnaire: Validity and Sensitivity To Change. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S813-14.
125. **Singh JA**, Schleck C, Harmsen W, Lewallen D. Validation Of The Hospital For Special Surgery Knee Questionnaire: Convergent Validity, Responsiveness and Sensitivity To Change. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S820.
126. Aquino-Beaton C, Persselin JE, Weinreb A, Fang MA, **Singh JA**, Duffy E, Elashoff D, Khanna P, Khanna D. Impact Of Educational Attainment On Health-Related Quality Of Life and Healthcare Utilization Among Veterans With Gout. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S846.
127. Krishnan E, **Singh JA**, Chen L. Prescription Patterns Of Colchicine Before and After Food and Drug Administration Approval. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S846.
128. **Singh JA**, Annunziata K, Khanna P. Self-Reported Gout, Comorbidities and Healthcare Resource Utilization Data From The 2012 United States National Health and Wellness Survey. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S847.
129. Khanna P, Aquino-Beaton C, Persselin JE, Weinreb A, Fang MA, **Singh JA**, Duffy E, Elashoff D, Khanna D. Performance Of Gout Impact Scale Of The Gout Assessment Questionnaire In a Longitudinal Observational Study Of Patients With Gout. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S850-51.
130. Bharat A, **Singh JA**, Khanna P, Aquino-Beaton C, Persselin JE, Duffy E, Elashoff D, Khanna D. Racial/Ethnicity Differences In Health-Related Quality Of Life(HRQOL), Functional Ability and Health Care Utilization In Gout Patients. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S851-52.
131. **Singh JA**, Bharat A, Khanna P, Aquino-Beaton C, Persselin JE, Duffy E, Elashoff D, Khanna D. Health Care Utilization In Gout Patients: A Prospective Multicenter Cohort Study. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S852.
132. Khanna P, Aquino-Beaton C, **Singh JA**, Persselin JE, Weinreb A, Fang MA, Duffy E, Elashoff D, Khanna D. Predictors Of Outcomes In Tophaceous Gout- Results From a Prospective Cohort At The Veterans Affairs. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S856.

133. **Singh JA**, Lewallen D. Diabetes: A Risk Factor For Poor Function Outcome After Total Knee Arthroplasty. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S900.
134. **Singh JA**, Ramachandran R. Higher Mortality In Males Compared To Females Undergoing Total Knee Or Total Hip Arthroplasty: A Study Of National Time Trends, 2003–2010. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S901-2.
135. **Singh JA**, Ramachandran R. Time Trends In Total Ankle Arthroplasty: A Study Of The U.S. National Inpatient Sample. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S905.
136. **Singh JA**, Schleck C, Harmsen WS, Lewallen D. Responsiveness and Predictive Ability Of The Knee Society Scale (KSS) Score. Poster Presentation, ACR 2013 Annual meeting, October 25-30, San Diego, CA. Arth Rheum 2013; 65 (suppl 10): S908.

## **2014**

137. Curtis JR, Yang S, Chen L, Winthrop K, Xie F, Baddley JW, Saag K, **Singh JA**, Yun H. HERPES ZOSTER INFECTION ACROSS AUTO-IMMUNE AND INFLAMMATORY DISEASES: IMPLICATIONS FOR VACCINATION. FRI 0192. Poster presentation at Annual EULAR 2014 meeting, Paris, France 11 – 15 June 2014. Ann Rheum Dis 2014; 17 (Suppl 2): 452.
138. **Singh JA**. FACILITATORS AND BARRIERS TO ADHERENCE TO URATELOWERING THERAPY IN AFRICAN-AMERICANS WITH GOUT: A QUALITATIVE STUDY. SAT 0519. Poster presentation at Annual EULAR 2014 meeting, Paris, France 11 – 15 June 2014. Ann Rheum Dis 2014; 17 (Suppl 2): 779.
139. **Singh JA**. THE IMPACT OF GOUT ON PATIENT'S LIVES AND DIFFERENCES BY RACE AND GENDER: A PATIENT PERSPECTIVE. SAT 0520. Poster presentation at Annual EULAR 2014 meeting, Paris, France 11 – 15 June 2014. Ann Rheum Dis 2014; 17 (Suppl 2): 779-80.
140. Zhang J, Yang S, Chen L, Xie F, Yun H, Mutner PM, Levitan E, Safford M, Saag KG, **Singh JA**, Curtis JR. Is Herpes Zoster Infection Risk in Auto-Immune and Inflammatory Diseases: Implications for Vaccination? Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 842. Arth Rheum 2014; 66 (Suppl 11): S371.
141. **Singh JA**, Yang S, Foster J. The Risk of Aplastic Anemia and Pancytopenia with Colchicine: A Retrospective Study of Integrated Health System Database. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 47. Arth Rheum 2014; 66 (Suppl 11): S20.
142. **Singh JA**, Lemay C, Allison J, Franklin P. Effect of Family Support on Short-and Intermediate Term Pain and Function Outcomes after Knee or Hip Replacement" Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 64. Arth Rheum 2014; 66 (Suppl 11): S26.
143. **Singh JA**, Ramachandran R, Zhang J, Yang S, Chen L, Xie F, Yun H, Curtis JR. Is Gout a Coronary Heart Disease Risk Equivalent, Similar to Diabetes? Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 169. Arth Rheum 2014; 66 (Suppl 11): S70-71.

144. **Singh JA**, Yang S, Foster J. Increased Risk of Skin Reactions with Gout Medications: An Analysis of VA Databases. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 170. Arth Rheum 2014; 66 (Suppl 11): S71.
145. **Singh JA**, Ramachandran R. Time Trends in Total Ankle Arthroplasty in the U.S.: A Study of the Nationwide Inpatient Sample" Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 188. Arth Rheum 2014; 66 (Suppl 11): S80.
146. **Singh JA**, Ramachandran R. Sex Differences in Characteristics, Utilization and Outcomes of Patient Undergoing Total Elbow Arthroplasty: A Study of the U.S. Nationwide Inpatient Sample Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 189. Arth Rheum 2014; 66 (Suppl 11): S80.
147. **Singh JA**, Ramachandran R. Hospital Volume Predicts Outcomes and Complications after Total Shoulder Arthroplasty" Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 190. Arth Rheum 2014; 66 (Suppl 11): S80.
148. **Singh JA**, Ramachandran R. Utilization and Outcomes Following Total Shoulder Arthroplasty in Elderly and Non-Elderly Patients" Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 191. Arth Rheum 2014; 66 (Suppl 11): S80.
149. **Singh JA**, Lemay C, Allison J, Saag K, Franklin P. Use of Non-Traditional Modalities for Pain Management after Knee or Hip Joint Replacement" Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 192. Arth Rheum 2014; 66 (Suppl 11): S80-81.
150. **Singh JA**. Lewallen D. Dependence on Walking Aids and Patient-Reported Outcomes after Total Knee Arthroplasty. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 195. Arth Rheum 2014; 66 (Suppl 11): S82.
151. **Singh JA**. Lewallen D. Dependence on Walking Aids Is Associated with Pain and Mobility Limitation after Total Hip Arthroplasty. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 196. Arth Rheum 2014; 66 (Suppl 11): S82.
152. **Singh JA**. Lewallen D. Increasing Complexity of Patients Undergoing Primary Total Hip Arthroplasty in the U.S. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 199. Arth Rheum 2014; 66 (Suppl 11): S83.
153. **Singh JA**, Qu H, Yazdany J, Dall'era M, Chatham W, Shewchuk R. Facilitating the Medication Decision-Making process—What Do Patients with Lupus Nephritis Say? Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 1672. Arth Rheum 2014; 66 (Suppl 11): S736.
154. **Singh JA**, Qu H, Yazdany J, Dall'era M, Chatham W, Shewchuk R. Identifying Patient Perceptions of Medication Decision Making Barriers in Minorities with Lupus Nephritis. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 1668. Arth Rheum 2014; 66 (Suppl 11): S734.
155. **Singh JA**, Hossain A, Kotb A, Wells G. Rates of Renal Remission with Immunosuppressives in Lupus Nephritis: A Systematic Review and Network Meta-Analysis. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 1045. Arth Rheum 2014; 66 (Suppl 11): S463-4.



156. **Singh JA**, Hossain A, Kotb A, Wells G. A Systematic Review and Network Meta-Analysis of Cyclophosphamide and Mycophenolate Mofetil in Lupus Nephritis. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 1635. Arth Rheum 2014; 66 (Suppl 11): S731.
157. Bassette L, .....**Singh JA**. Burden of Illness in Refractory Gouty arthritis. A one-year prospective multinational Observational Study. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 2125. Arth Rheum 2014; 66 (Suppl 11): S929.
158. Bassette L, .....**Singh JA**. Difficult to Treat Gouty Arthritis Associated with Poor Health Related Quality of Life and High Resource Utilization: Post- Hoc Analysis. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 118. Arth Rheum 2014; 66 (Suppl 11): S50-51.
159. **Singh JA**, Lewallen D. Are Outcomes after Total Knee Arthroplasty Worsening over Time? A Time Trends Study of Activity limitation and Pain outcomes. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 1802. Arth Rheum 2014; 66 (Suppl 11): S792.
160. Zhang J, Yang S, Chen L, Xie F, Yun H, Mutner PM, Levitan E, Safford M, Saag KG, **Singh JA**, Curtis JR. DMARD use after an initial MI is associated with reduced risk of Recurrent Event and Mortality. Poster presentation at Annual ACR 2014 meeting, Boston, MA, November 14-19 2014. Presentation Number: 2388. Arth Rheum 2014; 66 (Suppl 11): S1040.

## **2015**

161. **Singh JA**, Dohm M. A Preliminary Consensus on Core Outcome Domains for Total Joint Replacement Clinical Trials: An Omeract-Based Study. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Health Services Research Poster I: Diagnosis, Management and Treatment Strategies. Session Date/Time: Sunday, November 8, 2015; 8:30 AM - 4:00 PM
162. Qu H, .....**Singh JA**. Mapping Perceptions of Medication Decision Making Facilitators: The Importance of Patient Context. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Systemic Lupus Erythematosus - Clinical Aspects and Treatment Poster Session I. Session Date/Time: Sunday, November 8, 2015; 8:30 AM - 4:00 PM
163. Sharma G, ....**Singh JA**. Hyperuricemia and Renal outcomes: Hyperuricemia, Urate Lowering Therapy and Kidney Function: A Systemic Review and Meta-Analysis. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. Metabolic and Crystal Arthropathies Poster I Session Date/Time: Sunday, November 8, 2015; 8:30 AM - 4:00 PM\* Presentation Time: 9:00 AM - 11:00 AM
164. Shah P, **Singh JA**. Belimumab for lupus- Systemic Lupus Erythematosus - Clinical Aspects and Treatment Poster Session I. Session Date/Time: Sunday, November 8, 2015; 8:30 AM - 4:00 PM.
165. Bharat A, **Singh JA**. Perioperative smoking cessation - *Perioperative Interventions for Smoking Cessation in Hip and Knee Arthroplasty for Osteoarthritis and Other Non-Traumatic Diseases* Osteoarthritis - Clinical Aspects POSTER Poster I: Treatments and Metabolic Risk Factors : Session Date/Time: Sunday, November 8, 2015; 8:30 AM - 4:00 PM\*
166. Anand V, Garg S, Lopez-Olivo MA, **Singh JA**. Ofatumumab for Rheumatoid Arthritis: A

Cochrane Systematic Review and Meta-Analysis. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Rheumatoid Arthritis - Clinical Aspects Poster I . Session Date/Time: Sunday, November 8, 2015; 8:30 AM - 4:00 PM

167. **Singh JA**, Ramachandran R. Does rural residence impact total ankle arthroplasty utilization and outcomes? Clin Rheumatol, 2015. Rural Residence Does Not Impact Total Ankle Arthroplasty Utilization and Outcomes. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Orthopedics, Low Back Pain and Rehabilitation Poster Session Date/Time: Monday, November 9, 2015; 8:30 AM - 4:00 PM
168. Hilton M, Gioe T, **Singh JA**. Increasing Comorbidity Is Associated with Worsening Physical Function during Intermediate-Term Follow-up of Primary Total Knee Arthroplasty. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Orthopedics, Low Back Pain and Rehabilitation Poster. Session Date/Time: Monday, November 9, 2015; 8:30 AM - 4:00 PM
169. **Singh JA**, Ramachandran R. Reduction in Rural-Urban Disparity in Discharge Disposition to Home after Total Knee Arthroplasty in the U.S. - Reduction in Rural-Urban Disparity in Discharge Disposition to Home after Total Knee Arthroplasty in the U.S. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Health Services Research Poster II: Healthcare Access, Patterns of Medication Use and Workforce Considerations Session Date/Time: Monday, November 9, 2015; 8:30 AM - 4:00 PM
170. **Singh JA**, Inacio M, Namba R, Paxton E. An Underlying Diagnosis of Osteoarthritis Is Associated with Better Outcomes after Total Hip Arthroplasty Than Avascular Necrosis of Bone. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Health Services Research Poster II: Healthcare Access, Patterns of Medication Use and Workforce Considerations . Session Date/Time: Monday, November 9, 2015; 8:30 AM - 4:00 PM
171. **Singh JA**, Schleck C, Harmsen W, Lewallen D, Warner D. *Current Tobacco Use and the Rates of Complications after Total Hip Arthroplasty*. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Orthopedics, Low Back Pain and Rehabilitation Poster Session Date/Time: Monday, November 9, 2015; 8:30 AM - 4:00 PM\*
172. **Singh JA**, Ramachandran R. Racial Disparities in Total Shoulder Arthroplasty Utilization and Outcomes Are Persisting. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Epidemiology and Public Health Poster III: Gout and Non-Inflammatory Musculoskeletal Conditions. Session Date/Time: Tuesday, November 10, 2015; 8:30 AM - 4:00 PM
173. **Singh JA**. Declining Post-Arthroplasty Mortality after Total Knee Arthroplasty in the U.S.: A Time-Trends Study. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Epidemiology and Public Health Poster III: Gout and Non-Inflammatory Musculoskeletal Conditions. Session Date/Time: Tuesday, November 10, 2015; 8:30 AM - 4:00 PM
174. **Singh JA**, Yang S, Bridges S, Saag K. Effectiveness of Allopurinol in Achieving and Sustaining Target Serum Urate: A Study Using Large Integrated National Health Network. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Epidemiology and Public Health Poster III: Gout and Non-Inflammatory Musculoskeletal Conditions. Session Date/Time: Tuesday, November 10, 2015; 8:30 AM - 4:00 PM
175. **Singh JA**, Schleck C, Harmsen W, Lewallen D, Warner D. Current Tobacco Use and the Rates

Singh, Jasvinder MD, MPH

of Postoperative Complications after Total Knee Arthroplasty. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Epidemiology and Public Health Poster III: Gout and Non-Inflammatory Musculoskeletal Conditions . Session Date/Time: Tuesday, November 10, 2015; 8:30 AM - 4:00 PM\*

176. **Shah N, Singh JA.** Treatment of Gout with Pharmacological Vs. Non-Pharmacological Complementary Therapy in the U.S.: An Internet Survey. Poster presentation at Annual ACR 2015 meeting, San Francisco, November 6-11, 2015. POSTER Session Title: Metabolic and Crystal Arthropathies Poster II . Session Date/Time: Tuesday, November 10, 2015; 8:30 AM - 4:00 PM.

## **2016**

177. **Singh JA, Young BL, Watson SL, Perez JL, McGwin G; Griswold BG, Ponce BA.** Trends in Joint Replacement Surgery in Patients with Rheumatoid Arthritis. Poster presentation at Annual ACR 2016 meeting, Washington DC, November 11-16, 2016. Poster Session Title: Orthopedics, Low Back Pain and Rehabilitation. Poster Session: Tuesday, November 15, 2016; 8:30 AM - 4:00 PM. Abstract Submission ID: 58105.
178. **Singh JA, Yu S.** Allopurinol Use and the Risk of Acute Cardiovascular Events in Patients with Gout and Diabetes. Poster presentation at Annual ACR 2016 meeting, Washington DC, November 11-16, 2016. Poster Session Title: **Epidemiology and Public Health - Poster Session III.** Session Date/Time: Tuesday, November 15, 2016; 8:30 AM - 4:00 PM\*. Abstract Submission ID: 58085
179. **Singh JA, Yu S.** Allopurinol Use and the Risk of Stroke in the Elderly. Poster presentation at Annual ACR 2016 meeting, Washington DC, November 11-16, 2016. Poster Session Title: Health Services Research - Poster Session II . Session Date/Time: Monday, November 14, 2016; 8:30 AM - 4:00 PM. Abstract Submission ID: 58093
180. **Singh JA, Cleveland J.** Allopurinol Use and the Risk of Ventricular Tachycardia in the US Elderly: A Study of Medicare Claims Data. Poster presentation at Annual ACR 2016 meeting, Washington DC, November 11-16, 2016. Poster Session Title: Metabolic and Crystal Arthropathies - Poster Session I: Clinical Practice. Session Date/Time: Sunday, November 13, 2016; 8:30 AM - 4:00 PM. Abstract Submission ID: 59574
181. **Singh JA, Cleveland J.** Allopurinol Use Is Associated with Lower Risk of Peripheral Vascular Disease in the US Elderly. Poster presentation at Annual ACR 2016 meeting, Washington DC, November 11-16, 2016. Poster Session Title: Epidemiology and Public Health - Poster Session III. Session Date/Time: Tuesday, November 15, 2016; 8:30 AM - 4:00 PM. Abstract Submission ID: 59727
182. **Singh JA, Lemay C, Wenyun L, Nobel L, Saag K, Foster J, Franklin P.** Post-Arthroplasty Pain Trajectories after Total Knee Arthroplasty and Their Association with 6- and 12-Month Pain. Oral abstract presentation at Annual ACR 2016 meeting, Washington DC, November 11-16, 2016. Session Title: Pain – Basic and Clinical Aspects - Oral Session. Session Date/Time: Monday, November 14, 2016; 2:30 PM - 4:00 PM. Abstract Submission ID: 60975.
183. **Singh JA, Yu S.** Allopurinol reduces the Risk of Myocardial Infarction (MI) in the Elderly: A Study of Medicare Claims. Poster presentation at Annual ACR 2016 meeting, Washington DC, November 11-16, 2016. Poster Session Title: Health Services Research - Poster Session I . Session Date/Time: Sunday, November 14, 2016; 8:30 AM - 4:00 PM. Abstract Number: 201.
184. Reynolds RJ, Irvin M, de los Campos G, Kim H, Singh J, Vasquez. Extensive Genetic Overlap of Traits Related to Gout, Hyperuricemia and Its Comorbidities. Poster Session Title: Genetics and Genomics - Poster Session II. Session Date/Time: Monday, November 14, 2016; 8:30 AM - 4:00 PM. Abstract Number: 1218.

185. Gaffo A, Dalbeth N, **Singh J**, Saag K, Rahn EJ, Mudano AS, Neogi T, Cavagna L, Chen Y, Lin C, LouthrnooW, Castelar-Pinhero G, Perez-Ruiz F, Vazquez-Mellado J, Eliseev M, Stamp L, Taylor W, Patient Perception of Gout Flares As a Measure of Outcome: Results from an International Study. Poster Session Title: Metabolic and Crystal Arthropathies - Poster Session I: Clinical Practice. Session Date/Time: Sunday, November 13, 2016; 8:30 AM - 4:00 PM. Abstract Number: 224

## **2017**

186. **Singh JA**, Cleveland J. Comparative Effectiveness of allopurinol versus febuxostat for preventing incident renal disease in older adults: A study using U.S. Medicare Claims Data. Poster presentation at the Annual European League Against Rheumatism Meeting 2017, Madrid, Spain, June 13-16, 2017. FRI0692. Selected for Poster Tour presentation.
187. **Singh JA**, Cleveland J. Allopurinol and the Risk of Ventricular Arrhythmias in the US Elderly: A Study of Medicare Claims Data. Poster presentation at the Annual European League Against Rheumatism Meeting 2017, Madrid, Spain, June 13-16, 2017. THU0431.
188. Singh J, McGwin G. An Internet trial of Cherry extract vs, Diet modification: Patient characteristics, Gout severity and diet characteristics. Abstract published at the Annual European League Against Rheumatism Meeting 2017, Madrid, Spain, June 13-16, 2017. AB0879.
189. **Singh JA**, Cleveland J. Allopurinol and the risk of incident peripheral arterial disease in the elderly Americans: A U.S. Medicare Claims Data Study. Abstract published at the Annual European League Against Rheumatism Meeting 2017, Madrid, Spain, June 13-16, 2017. AB1135
190. Gaffo A, Dalbeth N, **Singh J**, Saag K, Taylor W. Validation of a definition for attack (flare) in patients with established gout. Oral abstract presentation at the Annual European League Against Rheumatism Meeting 2017, Madrid, Spain, June 13-16, 2017. OP0265.
191. Stamp L, Morillon M, Taylor W, Dalbeth N, **Singh J**, Christensen R. Serum urate as a surrogate endpoint for gout flares. Results of a systematic review and meta-regression analysis of randomized trials. Oral abstract presentation at the Annual European League Against Rheumatism Meeting 2017, Madrid, Spain, June 13-16, 2017. OP0267.
192. Edwards NL, **Singh J**, Troum O, Yeo A, Lipsky P. Characterization of patients with chronic refractory gout who do and do not have clinically apparent tophi: response to Pegloticase. Poster presentation at the Annual European League Against Rheumatism Meeting 2017, Madrid, Spain, June 13-16, 2017. FRI0692.
193. Nielsen SM, Bartels EM, Henriksen M, Gudbergesen H, Bliddal H, Astrup A, Knop FK, Carmona L, Taylor W, **Singh JA**, Perez-Ruiz F, Kristensen LE, Christensen R. Weight loss for overweight and obese individuals with gout: A Systematic review of longitudinal observational studies. Oral abstract presentation at the Annual European League Against Rheumatism Meeting 2017, Madrid, Spain, June 13-16, 2017. OP0340.
194. **Singh JA**, Yu S. Rates of Total Joint Replacement Utilization in the U.S.: Future Projections to 2020-2040 Using the National Inpatient Sample. Poster presentation at the Annual American College of Rheumatology Meeting 2017, San Diego, CA, November 5-8, 2017.
195. **Singh JA**, Boers M, Lee S et al. . A Randomized, Open-Label, Dose-Ranging Study of Oral Delayed Release Prednisone in Patients with Untreated Polymyalgia Rheumatica. Poster presentation at the Annual American College of Rheumatology Meeting 2017, San Diego, CA, November 5-8, 2017.

196. **Singh JA, Cleveland JD.** Comparative Effectiveness of Allopurinol Versus Febuxostat in Preventing Incident Dementia in the Elderly. Poster presentation at the Annual American College of Rheumatology Meeting 2017, San Diego, CA, November 5-8, 2017.
197. **Singh JA, Cleveland JD.** Hypersensitivity Reactions with Allopurinol and Febuxostat in Adults 65 Years or Older: A Study Using the Medicare Claims Data. Poster presentation at the Annual American College of Rheumatology Meeting 2017, San Diego, CA, November 5-8, 2017.
198. Sharma G, **Singh JA.** Efficacy and Toxicity of Antimalarials in Systematic Lupus Erythematosus: A Systematic Review. Poster presentation at the Annual American College of Rheumatology Meeting 2017, San Diego, CA, November 5-8, 2017.
199. Reynolds R, Irvin R, Campos G, **Singh JA, Vasquez A.** Extensive genetic overlap of traits related to gout, hyperuricemia and its comorbidities. Poster presentation at the Annual American College of Rheumatology Meeting 2017, San Diego, CA, November 5-8, 2017.
200. Stamp L, Christensen R, Dalbeth N, Taylor W, **Singh JA Morillon M, Lassare M.** Association between Serum Urate As a Surrogate Endpoint and Flares in People with Gout: An Ecological Study Based on a Systematic Review of Trials and Open Label Extensions. Oral presentation at the Annual American College of Rheumatology Meeting 2017, San Diego, CA, November 5-8, 2017.
201. **Singh JA, Yu S.** Rates of Total Joint Replacement Utilization in the U.S.: Future Projections to 2020-2040 Using the National Inpatient Sample. Poster presentation at the Annual American College of Rheumatology Meeting 2017, San Diego, CA, November 5-8, 2017.

## **2018**

202. **Singh JA, Cleveland JD.** The Association of Gout with Incident Giant Cell Arteritis in Older Adults. Poster presentation at the 2018 American College of Rheumatology Annual Meeting, Chicago, IL, October 19–24, 2018.
203. **Singh JA, Cleveland JD.** Gout and the Risk of Incident Dementia in the Elderly: A Medicare Claims Study. Poster presentation at the 2018 American College of Rheumatology Annual Meeting, Chicago, IL, October 19–24, 2018.
204. **Singh JA.** What Should be the Goals of Gout Therapy? a Patient Perspective. Poster presentation at the 2018 American College of Rheumatology Annual Meeting, Chicago, IL, October 19–24, 2018.
205. **Singh JA, Cleveland JD.** Gout and the Risk of Parkinson's Disease in Older Adults: A Study of U.S. Medicare Data. Poster presentation at the 2018 American College of Rheumatology Annual Meeting, Chicago, IL, October 19–24, 2018.
206. **Singh JA, Cleveland JD.** Gout and Chronic Pain in Older Adults: A Medicare Claims Study. Poster presentation at the 2018 American College of Rheumatology Annual Meeting, Chicago, IL, October 19–24, 2018.
207. **Singh JA, Cleveland JD.** Gout: A Potential Risk Factor for Uveitis in the Older Adults? Oral abstract at the 2018 American College of Rheumatology Annual Meeting, Chicago, IL, October 19–24, 2018. Epidemiology and Public Health I: Morbidity and Mortality Session, Sunday, October 21, 2018.
208. **Singh JA, Kallan M, Ibrahim S.** Race Is Associated with Discharge Disposition after Total Knee

Arthroplasty (TKA), Which Is Associated with 90-Day Readmission Rate. Oral abstract at the 2018 American College of Rheumatology Annual Meeting, Chicago, IL, October 19–24, 2018. Orthopedics, Low Back Pain and Rehabilitation Session, Monday, October 22, 2018.

209. April-Troupin M, .....**Singh JA**, et al.. Development a Core Domain Set to Assess Shared Decision Making Interventions in Rheumatology: An OMERACT White Paper to Facilitate Endorsement. Poster presentation at the 2018 American College of Rheumatology Annual Meeting, Chicago, IL, October 19–24, 2018.
210. Hoang C, Goodman S, .....**Singh JA**. Association of Omeract Core Domains of Pain and Function with Patient Satisfaction after Total Joint Replacement. Poster presentation at the 2018 American College of Rheumatology Annual Meeting, Chicago, IL, October 19–24, 2018.

## **2019**

211. **Singh JA**, Tornberg M. Goodman S. Pop a Pill or Give Myself a Shot? Patient Perspectives of Disease-modifying Anti-rheumatic Drug (DMARD) Choice for Rheumatoid Arthritis (RA). RA – Diagnosis, Manifestations, & Outcomes Poster II: Treatments, Outcomes, & Measure. Poster presentation at the 2019 ACR/ARP Annual Meeting, Atlanta, GA, November 8–13. Abstract ID: 694083. Arth Rheum 2019; 71 (S10): 2330-2331.
212. Goodman S, ..... **Singh JA**. Validation of a Satisfaction Measure for Use in Total Joint Replacement Clinical Trials. Poster presentation at the 2019 ACR/ARP Annual Meeting, Atlanta, GA, November 8–13. Abstract ID: 693709. Arth Rheum 2019; 71 (S10): 673-675.
213. **Singh JA**, Cleveland JD. Alcohol Use Hospitalizations in People with Gout, Osteoarthritis, Rheumatoid Arthritis, Fibromyalgia, and Low Back Pain Are Increasing: A Time-trends Study Using the U.S. National Data. Health Services Research Poster I – ACR/ARP. Poster No. 0257. Poster presentation at the 2019 ACR/ARP Annual Meeting, Atlanta, GA, November 8–13. Abstract ID: 699732. Arth Rheum 2019; 71 (S10): 401-402.
214. **Singh JA**, Cleveland JD. Time-trends in Opioid Use Hospitalizations in Common Musculoskeletal Conditions: Gout, Osteoarthritis, Rheumatoid Arthritis, Fibromyalgia, and Low Back Pain. Epidemiology & Public Health Poster III: OA, Gout, & Other Diseases. Poster No. 2047. Poster presentation at the 2019 ACR/ARP Annual Meeting, Atlanta, GA, November 8–13. Abstract ID: 699658. Arth Rheum 2019; 71 (S10): 3604-3605.

## **2020**

215. **Hearld LR**, Hall A, Joseph R, Karabukayeva A, Singh JA. Implementing a Decision Aid for Lupus in Practice Settings. Poster presentation at the PCORI Virtual Annual Meeting (2020).
216. **Singh JA**, Cleveland JD. Hospitalized Infections in Lupus: A Nationwide Study of Types of Infections, Time-trends, Healthcare Utilization and In-Hospital Mortality. **Session:** SLE – Diagnosis, Manifestations, & Outcomes 1: Morbidity. Oral abstract at the 2020 ACR Convergence 2020, November 5 – 9. **Date:** Saturday November 7, 2020. **Session Time:** 5:00 PM - 5:50 PM.
217. **Singh JA**, Cleveland JD. Epidemiology of Hospitalizations and Associated Mortality in Vasculitis: A National Study. **Session:** Health Services Research. Oral abstract at the 2020 ACR Convergence 2020, November 5 – 9. **Date:** Monday November 9, 2020. **Session Time:** 10:00 AM - 10:50 AM.

218. **Singh JA**, Richards JS, E Chang, Joseph A, Ng B. Management of Rheumatic Diseases During COVID-19: A National Veterans Affairs Survey of Rheumatologists. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Epidemiology & Public Health Poster 1: COVID-19 & Rheumatic Disease. Date: Friday November 6, 2020. Presentation Time: 9:00 AM - 11:00 AM.
219. **Singh JA**, Richards JS, E Chang, J Barton, April-Toupin K, Provider Opinion and Support for Shared Decision-making in Gout Treatment: A Quality Improvement National Survey of Veterans Affairs Rheumatologists. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Epidemiology & Public Health Poster 2: OA, Osteoporosis, & Other Rheumatic Disease. Date: Saturday November 7, 2020. Presentation Time: 9:00 AM - 11:00 AM
220. Merriman T, Topless R, **Singh JA**. Changes in Serum Urate, in the First 6-months of Initiation or Change of Urate-Lowering Therapy, Associate with Immediate Health-Related Quality of Life Outcomes in People with Gout. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Metabolic & Crystal Arthropathies Poster. Date: Saturday November 7, 2020. Presentation Time: 9:00 AM - 11:00 AM
221. **Singh JA**, Fabio B, Budzik J, Pascart T. Dual-energy CT versus Ultrasound, Alone or in Combination, for the Diagnosis of Gout: A Diagnostic Performance Study. Session: Metabolic & Crystal Arthropathies Poster. Date: Saturday November 7, 2020. Presentation Time: 9:00 AM - 11:00 AM
222. **Singh JA**, Cleveland JD. The Changing Epidemiology of Inpatient Gout and Associated Mortality: A 17-year National Study. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Metabolic & Crystal Arthropathies Poster. Date: Saturday November 7, 2020. Presentation Time: 9:00 AM - 11:00 AM
223. **Qu H, Austin S, Singh JA**. Identifying Physician-Perceived Barriers to a Pragmatic Treatment Trial in Rheumatoid Arthritis. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: RA – Treatments Poster 2: Comparative Effectiveness, Biosimilars, Adherence & the Real World. Date: Saturday November 7, 2020. Presentation Time: 9:00 AM - 11:00 AM
224. **Singh JA**, Cleveland JD. Serious Infections in People with Systemic Sclerosis: A National U.S. Study. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Systemic Sclerosis & Related Disorders – Clinical Poster 2. Date: Saturday November 7, 2020. Presentation Time: 9:00 AM - 11:00 AM
225. **Singh JA**, Cleveland JD. Annual Cardiac or Orthopedic Procedure Volume in Gout versus Rheumatoid Arthritis: A National Time-trends Study. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Epidemiology & Public Health Poster 3: Inflammatory Rheumatic Disease. Date: Sunday November 8, 2020. Presentation Time: 9:00 AM - 11:00 AM.
226. **Singh JA**, Cleveland JD. Declining In-hospital Mortality Gap in Lupus Compared to Non-lupus Hospitalizations: A National Study. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Epidemiology & Public Health Poster 3: Inflammatory Rheumatic Disease. Date: Sunday November 8, 2020. Presentation Time: 9:00 AM - 11:00 AM.
227. **Singh JA**, Cleveland JD. Declining In-Hospital Mortality in Vasculitis: A 17-year U.S. National Study. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Vasculitis – ANCA-Associated Poster. Date: Sunday November 8, 2020. Presentation Time: 9:00 AM - 11:00 AM
228. Aa.....**Singh JA**. Weight Loss as Treatment for Gout in Patients with Concomitant Obesity: A Proof-of-Concept Randomized Controlled Trial". Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Metabolic & Crystal Arthropathies Poster. Date: Saturday, November

7. Presentation Time: 9:00 AM - 11:00 AM

229. Adurabi F, Patel R, Szalai, Melnick J, **Singh JA**. Role of Inflammatory and Oxidative Stress Pathway Biomarkers in Renal Disease in Gout". Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Metabolic & Crystal Arthropathies Poster. Date: Saturday, November 7. Presentation Time: 9:00 AM - 11:00 AM.
230. Edgerton C, Frick A, Helfgott S, Huston KK, **Singh J**, Soloman N,. Experience with Apremilast in Treatment of Psoriatic Arthritis in US Clinical Practice; Assessments from Trio Health and the American Rheumatology Network (ARN). Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Spondyloarthritis Including Psoriatic Arthritis Treatment Poster 1. Date: Friday, November 6. Presentation Time: 9:00 AM - 11:00 AM. Abstract ID: 903357
231. Helfgott S, Radtchenko J, Soloman N, Huston KK, **Singh J**, Edgerton C. Real-World Utilization of Infliximab (IFX) and Its Biosimilars in Patients (Pts) with Rheumatoid Arthritis (RA) Since the First Biosimilar Approval in the US. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: RA Treatments Poster 2: Comparative Effectiveness, Biosimilars, Adherence & the Real World. Date: Saturday, November 7. Presentation Time: 9:00 AM - 11:00 AM. Abstract ID: 903428
232. Helfgott S, Rane D, Huston KK, Broestl J, **Singh J**, Soloman N, Edgerton C. Increasing Use of Biologics in Treatment of Systemic Lupus Erythematosus Patients in US Clinical Practice: Real-World Observations from Trio Health and the American Rheumatology Network. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Spondyloarthritis Including Psoriatic Arthritis " Treatment Poster 2. Date: Saturday, November 7. Presentation Time: 9:00 AM - 11:00 AM. Abstract ID: 903564
233. Huston KK, Helfgott S, Radtchenko J, Soloman N, **Singh J**, Edgerton C. The "Why" of Drug Discontinuation; Clinical Review of EMR Notes for 2,545 Patients with Rheumatic Diseases. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Presentation Type: **Poster**. Session: Health Services Research Poster. Date: Saturday, November 7. Presentation Time: 9:00 AM - 11:00 AM. Abstract ID: 907858
234. Huston KK, Helfgott S, Radtchenko J, Soloman N, **Singh J**, Edgerton C. Change in Utilization of Outpatient Services at US Community Rheumatology Practices During COVID-19 Outbreak. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Health Services Research Poster. Date: Saturday, November 7. Presentation Time: 9:00 AM - 11:00 AM. Abstract ID: 909305
235. Soloman N, Amin M, Cox K, Helfgott S, Hu A, Huston KK, Leonard J, **Singh J**, Tesser J, Edgerton C.. Management of Gout After Pegloticase; Observations of US Clinical Practice from Trio Health and the American Rheumatology Network (ARN). Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Miscellaneous Rheumatic & Inflammatory Diseases Poster 3: Therapies. Date: Monday, November 9. Presentation Time: 9:00 AM - 11:00 AM. Abstract ID: 903234
236. Soloman N, Amin M, Helfgott S, Hu A, Huston KK, Leonard J, Milligan K, Milligan S, **Singh J**, Tesser J, Edgerton C. Management of Gout with Pegloticase; Real-World Utilization and Outcomes from Trio Health and the American Rheumatology Network (ARN). Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9. Session: Miscellaneous Rheumatic & Inflammatory Diseases Poster 3: Therapies. Date: Monday, November 9. Presentation Time: 9:00 AM - 11:00 AM. Abstract ID: 903292
237. Donnelly M, Kumar P, Vinodh S, Richman J, Sapinson, Dennis R, Jagadale V, Brown C, Tiwari H, Bamman M, **Singh JA**. Osteoarthritis in the Million Veterans Program: Integrating the Electronic



Singh, Jasvinder MD, MPH

Medical Record with Precision Medicine. Poster presentation at the 2020 ACR Convergence 2020, November 5 – 9.

238. **Singh JA.** Lupus is a Risk Factor for Poor Outcomes and Higher Healthcare utilization after Total Hip Arthroplasty (Oral abstract). Session: Free Paper Session-Epidemiology & Health Service Research. 39<sup>th</sup> Korean College of Rheumatology Annual Scientific Meeting, May 15-19, 2019.
239. **Singh JA.** Gout and the Risk of Parkinson's Disease in Older Adults: A Study of U.S. Medicare data. Poster presentation, 39<sup>th</sup> Korean College of Rheumatology Annual Scientific Meeting, May 15-19, 2019.

## **2021**

240. **Singh JA.** Barriers to Effectiveness of Non-surgical Treatments for Knee Osteoarthritis in a Diverse Racial/Ethnic Population: A Nominal Group Qualitative Study (E-poster). 41<sup>st</sup> Korean College of Rheumatology Annual Scientific Meeting, October 21-23, 2021