Stanford

Mary Kane Goldstein

Professor of Health Policy, Emerita

NIH Biosketch available Online Curriculum Vitae available Online

CONTACT INFORMATION

- **Alternate Contact**

  Soomin Li - Executive Assistant at Dept of Health Policy

  Email soominli@stanford.edu

  Tel 650-725-9911

Bio

BIO

Dr. Goldstein is Professor of Health Policy and, by courtesy, Professor of Medicine i(Center for Biomedical Informatics Research), at Stanford University. She served as National Director of Data Analytics, Quality Improvement, and Research in the Office of Geriatrics and Extended Care (GEC), Veterans Health Administration (VHA), Department of Veterans Affairs, from 2020 - 2023. Prior to her role with Office of GEC, Dr. Goldstein was Chief, Medical Service, at the VA Palo Alto Health Care System. Her primary area of research expertise is health services research (HSR) involving health information technology to improve quality of health care, with attention to patient complexity.. She is clinically certified as a geriatrician and as a clinical informaticist. Dr. Goldstein has led a project team that developed and implemented Clinical Decision Support (CDS) for primary care providers to improve care for common chronic conditions. She also collaborates with other investigators exploring factors that provide data for and/or influence medical decision making.

ACADEMIC APPOINTMENTS

- Professor Emeritus-Hourly, Health Policy
- Member, Bio-X
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- National Director of Data Analytics, Quality Improvement, and Research, Office of Geriatrics and Extended Care (GEC), VHA, Department of Veterans Affairs, (2020-2023)
- Vice Chair - Veterans Affairs, Department of Medicine, Stanford University School of Medicine, (2016-2020)
- Chief, Medical Service, VA Palo Alto Health Care System, (2016-2020)
- Director, Palo Alto Geriatrics Research Education and Clinical Center (GRECC), VA Palo Alto Health Care System, (2008-2017)
- Director of Program on Primary Care Policy and Practice Advancement, Center for Primary Care and Outcomes Research, Stanford, (1997- present)
- Acting Chief, Medical Service, VA Palo Alto Health Care System, (2015-2016)
- Associate Director for Clinical Services, Geriatrics Research Education and Clinical Center (GRECC), VA Palo Alto Health Care System, (2000-2009)

HONORS AND AWARDS

- Alpha Omega Alpha, Stanford University Faculty (2019 -)
- Fellow, American College of Medical Informatics (2019 -)
- Under Secretary's Award for Health Services Research, Department of Veterans Affairs, Veterans Health Administration (2010)
- Advanced Research Career Development Award, Department of Veterans Affairs (2000-2002)
- Career Development Award in Health Services Research, Department of Veterans Affairs (1996-1999)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Chairperson, Expert Advisory Group (formerly, Steering Committee), Veterans Information Resource Center (VIReC), Veterans. Dept of Veterans Affairs (2014 - 2023)
- Advisory Panel, Pt Safety Ctr of Inquiry: ...Improved Tools Opioid Rx (PPSiTOP, Department of Veterans Affairs (2013 - 2015)
- Advisory Committee Member, QUERI - Chronic Heart Failure (CHF), Health Services Research and Development (HSR&D), Dept of VA (2002 - 2015)
- Co-Chair, Analytics Subcommittee, VA Corporate Data Warehouse (CDS), Department of Veterans Affairs, Veterans Health Administration (2015 - 2016)
- Steering Committee Member, VA Information Resource Center (VIReC) (2011 - 2014)
- Chairperson, GRECC Directors Association, Department of Veterans Affairs (2011 - 2012)
- National Advisory Committee Member, Robert Wood Johnson Foundation (RWJF) Physician Faculty Scholars Program (2008 - 2012)
- Executive Committee Member, Quality Enhancement Research Initiative (QUERI) - Ischemic Heart Disease (IHD), HSR&D, Dept of VA (2000 - 2013)
- Board of Directors, American Geriatrics Society (1996 - 2002)
- Board of Directors, American Board of Family Medicine (1993 - 1998)

PROFESSIONAL EDUCATION

- MD, Columbia University , medical degree (1977)
- MS in HSR, Stanford University , Health Services Research (1994)
- BA, Barnard College , Philosophy (1973)

LINKS

- PCOR Faculty Description: http://chppcor.stanford.edu/people/2093/

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Health services research in primary care and geriatrics applying health informatics for quality improvement in health care. The ATHENA-Clinical Decision Support (CDS) project develops knowledge-based systems for application to patient data in electronic health records (EHR) and presentation of findings and recommendations to health professionals within the EHR. Current work in this project includes knowledge engineering of knowledge bases to expand the library of encoded clinical guidelines; evaluation of existing systems based on stakeholder input; integrating CDS into the clinician dashboard to support Patient-Aligned Care Teams (PACTS; akin to PCMH) for Department of Veterans Affairs; and using encoded knowledge to automate clinically-relevant performance metrics using EHR data.

Multiple comorbidities: I am especially interested in addressing information needs of health professionals related to the growing numbers of patients with multiple co-existing conditions (known as multiple chronic conditions, multimorbidity, or multiple comorbidities.) I am collaborating with other investigators to explore how often clinical practice guidelines address commonly co-occurring conditions; decision complexity for health care decision-making with patients with multimorbidity; and effects of comorbidity on benefits and harms of treatment for chronic disease.

Other work includes:

-extracting information from free-text of the EHR using natural language processing, for use in clinical decision support, quality measurement, and predictive analytics;

-developing methods to incorporate patient goals, patient-generated data, and quality of life information into electronic health records and cost-effectiveness analyses for health care of older adults.

CLINICAL TRIALS

- Group Visits to Improve Hypertension Management, Not Recruiting
- Guidelines for Drug Therapy of Hypertension: Closing the Loop, Not Recruiting
- Guidelines for Drug Therapy of Hypertension: Multi-Site Implementation, Not Recruiting
- VISN Collaborative for Improving Hypertension Management With ATHENA-HTN, Not Recruiting

PROJECTS

- Optimizing Appropriate Use of Medications for Veterans: MedSafe CDS - VA Palo Alto Health Care System (10/1/2016 - September 30, 2021)
- Automating Performance Metrics for Quality Improvement in Complex Chronic Disease - VA Palo Alto Health Care System, Department of Veterans Affairs (9/1/2011 - August 31, 2015)
- VISN Collaborative for Improving Hypertension Management with ATHENA-HTN - VA Palo Alto Health Care System and New England Healthcare Network (VISN 1), Dept of VA (1/1/2006 - March 3, 2011)
- Integrating Heart Failure Clinical Decision Support (CDS) at Point of Care - VA Palo Alto Health Care System, Department of Veterans Affairs (1/1/2013 - 12/31/2013)
- Guidelines to Performance Measures: Automating Quality Review for Heart Failure - VA Palo Alto Health Care System, Department of Veterans Affairs (1/1/2012 - 12/30/2012)
- Center on Advancing Decision Making in Aging (CADMA) (ended August 2014) - Center for Primary Care & Outcomes Research, Stanford University (9/30/2009 - 8/31/2014)

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biomedical Data Science (Masters Program)
- Biomedical Data Science (PhD Program)
- Health Services Research (Masters Program)
- Health Services Research (PhD Program)
- Medicine (Masters Program)

Publications

PUBLICATIONS

- **Predicting Risk of Long-Term Institutionalization Among Community Dwelling Veterans Before the COVID-19 Pandemic.** *Health services research*
  Kinosian, B., Schmitt, S., Augustine, M., Hartronft, S., Makineni, R., Judon, K., Krautner, G., Schmitz, C., Goldstein, M. K., Phibbs, C. S., Intrator, O. 2025: e70016
- **Antibiotic Resistance Microbiology Dataset (ARMD): A Resource for Antimicrobial Resistance from EHRs.** *Scientific data*
  Nateghi Haredasht, F., Amrollahi, F., Maddali, M. V., Marshall, N., Ma, S. P., Cooper, L. N., Johnson, A. O., Wei, Z., Medford, R. J., Kanjilal, S., Banaei, N., Deresinski, S., Goldstein, et al

2025; 12 (1): 1299

- **Antibiotic Resistance Microbiology Dataset (ARMD): A Resource for Antimicrobial Resistance from EHRs.** *ArXiv*
  Haredasht, F. N., Amrollahi, F., Maddali, M. V., Marshall, N., Ma, S. P., Cooper, L. N., Johnson, A. O., Wei, Z., Medford, R. J., Kanjilal, S., Banaei, N., Deresinski, S., Goldstein, et al
  2025

- **Antibiotic Resistance Microbiology Dataset (ARMD): A Resource for Antimicrobial Resistance from EHRs.** *ArXiv*
  Haredasht, F. N., Amrollahi, F., Maddali, M. V., Marshall, N., Ma, S. P., Cooper, L. N., Johnson, A. O., Wei, Z., Medford, R. J., Kanjilal, S., Banaei, N., Deresinski, S., Goldstein, et al
  2025

- **Brief Video-Delivered Intervention to Reduce Anxiety and Improve Functioning in Older Veterans: Pilot Randomized Controlled Trial.** *JMIR aging*
  Gould, C. E., Carlson, C., Wetherell, J. L., Goldstein, M. K., Anker, L., Beaudreau, S. A.
  2024; 7: e56959

- **Enhancing Antibiotic Stewardship: A Machine Learning Approach to Predicting Antibiotic Resistance in Inpatient Care.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
  Haredasht, F. N., Maddali, M. V., Ma, S. P., Chang, A., Kim, G. Y., Banaei, N., Deresinski, S., Goldstein, M. K., Asch, S. M., Chen, J. H.
  2024; 2024: 857-864

- **Mild Cognitive Impairment: Data-Driven Prediction, Risk Factors, and Workup.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
  Fouladvand, S., Noshad, M., Goldstein, M. K., Periyakoil, V. J., Chen, J. H.
  2023; 2023: 167-175

- **Improving chronic kidney disease detection and treatment in the United States: the chronic kidney disease cascade of care (C3) study protocol.** *BMC nephrology*
  Lamprea-Montealegre, J. A., Joshi, P., Shapiro, A. S., Madden, E., Navarra, K., Potok, O. A., Gregg, L. P., Podchiyska, T., Robinson, A., Goldstein, M. K., Peralta, C. A., Jassal, S. K., Navaneethan, et al
  2022; 23 (1): 331

- **Association Between Mental Health Conditions and Outpatient Care Fragmentation: a National Study of Older High-Risk Veterans.** *Journal of general internal medicine*
  Trivedi, R. B., Rossi, F. S., Javier, S. J., Greene, L., Singer, S. J., Vanneman, M. E., Goldstein, M., Zulman, D. M.
  2022

- **Outpatient care fragmentation in Veterans Affairs patients at high-risk for hospitalization.** *Health services research*
  Zulman, D. M., Greene, L., Slightam, C., Singer, S. J., Maciejewski, M. L., Goldstein, M. K., Vanneman, M. E., Yoon, J., Trivedi, R. B., Wagner, T., Asch, S. M., Boothroyd, D.
  2022

- **Anticipating VA/non-VA care coordination demand for Veterans at high risk for hospitalization.** *Medicine*
  Vanneman, M. E., Yoon, J., Singer, S. J., Wagner, T. H., Goldstein, M. K., Hu, J., Boothroyd, D., Greene, L., Zulman, D. M.
  2022; 101 (7): e28864

- **Structural Patterns in Chronic Disease Clinical Practice Guidelines Formalized for Clinical Decision Support.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
  Tu, S. W., Podchiyska, T., Oshiro, C., Martins, S., Ashcraft, M., Chambers, J., Robinson, A., Heidenreich, P., Goldstein, M. K.
  2022; 2022: 1081-1090

- **Nephrology Referral Based on Laboratory Values, Kidney Failure Risk, or Both: A Study Using Veterans Affairs Health System Data.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*
  Duggal, V., Montez-Rath, M. E., Thomas, I., Goldstein, M. K., Tamura, M. K.
  2021

- **Renin-Angiotensin-Aldosterone System Inhibitors and SARS-CoV-2 Infection: An Analysis from the Veteran's Affairs Healthcare System: Sandhu. ACEI, ARB, and Association with COVID.** *American heart journal*
  Sandhu, A. T., Kohsaka, S., Lin, S., Woo, C. Y., Goldstein, M. K., Heidenreich, P. A.
  2021

- **Proportion of SARS-CoV-2 positive tests and Vaccination in VA Community Living Centers.** *Journal of the American Geriatrics Society*
  Rudolph, J. L., Hartronft, S., McConeghy, K., Kennedy, M., Intrator, O., Lisa Minor, R. N., Hubert, T. L., Goldstein, M. K.
  2021

- **BRIEF VIDEO-DELIVERED INTERVENTIONS TO REDUCE ANXIETY IN OLDER VETERANS: A PILOT RCT**
  Gould, C., Carlson, C., Anker, L., O'Hara, R., Wetherell, J., Goldstein, M., Beaudreau, S.
  OXFORD UNIV PRESS.2021: 567

- **Laboratory-wide association study of survival with prostate cancer.** *Cancer*
  Sohlberg, E. M., Thomas, I., Yang, J., Kapphahn, K., Velaer, K. N., Goldstein, M. K., Wagner, T. H., Chertow, G. M., Brooks, J. D., Patel, C. J., Desai, M., Leppert, J. T.
  2020

- **OrderRex clinical user testing: a randomized trial of recommender system decision support on simulated cases.** *Journal of the American Medical Informatics Association : JAMIA*
  Kumar, A., Aikens, R. C., Hom, J., Shieh, L., Chiang, J., Morales, D., Saini, D., Musen, M., Baiocchi, M., Altman, R., Goldstein, M. K., Asch, S., Chen, et al
  2020

- **"It's a disease of families": Neurologists' insights on how to improve communication and quality of life for families of Parkinson's disease patients** *CHRONIC ILLNESS*
  Schwartz, R., Zulman, D., Gray, C., Goldstein, M. K., Trivedi, R.
  2020; 16 (3): 201–11

- **Life expectancy estimates for patients diagnosed with prostate cancer in the Veterans Health Administration.** *Urologic oncology*
  Sohlberg, E. M., Thomas, I., Yang, J., Kapphahn, K., Daskivich, T. J., Skolarus, T. A., Shelton, J. B., Makarov, D. V., Bergman, J., Bang, C. K., Goldstein, M. K., Wagner, T. H., Brooks, et al
  2020

- **OUTPATIENT CARE FRAGMENTATION PATTERNS AND ASSOCIATION WITH HOSPITALIZATION IN HIGH-RISK VA PATIENTS**
  Zulman, D. M., Greene, A. L., Wagner, T. H., Maciejewski, M., Singer, S., Slightam, C., Trivedi, R., Vanneman, M., Asch, S., Yoon, J., Goldstein, M. K., Boothroyd, D.
  SPRINGER.2020: S216

- **Guided self-management targeting anxiety and activity participation in older Veterans.** *Aging & mental health*
  Gould, C. E., Carlson, C., Wetherell, J. L., O'Hara, R., Goldstein, M. K., Loup, J. R., Ma, F., Beaudreau, S. A.
  2020: 1–10

- **Stakeholder Engagement for a Planned Automated Quality Measurement System** *SAGE OPEN*
  Kalsy, M., Kelly, N., Meystre, S. M., Kim, Y., Bray, B. E., Bolton, D., Goldstein, M. K., Garvin, J. H.
  2020; 10 (2)

- **Receipt of Eye Care Services among Medicare Beneficiaries with and without Dementia.** *Ophthalmology*
  Pershing, S., Goldstein, M. K., Henderson, V. W., Bundorf, M. K., Lu, Y., Rahman, M., Stein, J. D.
  2020

- **Cataract Surgery Complexity and Surgical Complication Rates among Medicare Beneficiaries with and without Dementia.** *American journal of ophthalmology*
  Pershing, S. n., Henderson, V. W., Goldstein, M. K., Lu, Y. n., Bundorf, M. K., Rahman, M. n., Stein, J. D.
  2020

- **Physician Usage and Acceptance of a Machine Learning Recommender System for Simulated Clinical Order Entry.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
  Chiang, J., Kumar, A., Morales, D., Saini, D., Hom, J., Shieh, L., Musen, M., Goldstein, M. K., Chen, J. H.
  2020; 2020: 89–97

- **Technology Use and Preferences for Mental Health Self-Management Interventions among Older Veterans.** *International journal of geriatric psychiatry*
  Gould, C. E., Loup, J., Kuhn, E., Beaudreau, S. A., Ma, F., Goldstein, M. K., Wetherell, J. L., Zapata, A. M., Choe, P., O'Hara, R.
  2019

- **Differences in Receiving Eye Care Based on Dementia Status**
  Pershing, S., Goldstein, M. K., Henderson, V. W., Lu, Y., Bundorf, M., Rahman, M., Andrews, C., Stein, J. D.
  ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019
- **High-Need Patients' Goals and Goal Progress in a Veterans Affairs Intensive Outpatient Care Program.** *Journal of general internal medicine*
  Hsu, K. Y., Slightam, C., Shaw, J. G., Tierney, A., Hummel, D. L., Goldstein, M. K., Chang, E. T., Boothroyd, D., Zulman, D. M.
  2019
- **Differences in Cataract Surgery Rates Based on Dementia Status.** *Journal of Alzheimer's disease : JAD*
  Pershing, S., Henderson, V. W., Bundorf, M. K., Lu, Y., Rahman, M., Andrews, C. A., Goldstein, M., Stein, J. D.
  2019
- **Differences in Cataract Surgery Rates Based on Dementia Status** *JOURNAL OF ALZHEIMERS DISEASE*
  Pershing, S., Henderson, V. W., Bundorf, M., Lu, Y., Rahman, M., Andrews, C. A., Goldstein, M., Stein, J. D.
  2019; 69 (2): 423–32
- **An evaluation of clinical order patterns machine-learned from clinician cohorts stratified by patient mortality outcomes** *JOURNAL OF BIOMEDICAL INFORMATICS*
  Wang, J. K., Hom, J., Balasubramanian, S., Schuler, A., Shah, N. H., Goldstein, M. K., Baiocchi, M. T. M., Chen, J. H.
  2018; 86: 109–19
- **An Evaluation of Clinical Order Patterns Machine-Learned from Clinician Cohorts Stratified by Patient Mortality Outcomes.** *Journal of biomedical informatics*
  Wang, J. K., Hom, J., Balasubramanian, S., Schuler, A., Shah, N. H., Goldstein, M. K., Baiocchi, M. T., Chen, J. H.
  2018
- **Testing the usability of a portable DVD player and tailored photo instructions with older adult veterans** *EDUCATIONAL GERONTOLOGY*
  Gould, C. E., Zapata, A. L., Shinsky, D. N., Goldstein, M. K.
  2018; 44 (1): 64–73
- **Selecting Test Cases from the Electronic Health Record for Software Testing of Knowledge-Based Clinical Decision Support Systems.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
  Usman, O. A., Oshiro, C., Chambers, J. G., Tu, S. W., Martins, S., Robinson, A., Goldstein, M. K.
  2018; 2018: 1046–55
- **"It's a disease of families": Neurologists' insights on how to improve communication and quality of life for families of Parkinson's disease patients.** *Chronic illness*
  Schwartz, R. n., Zulman, D. n., Gray, C. n., Goldstein, M. K., Trivedi, R. n.
  2018: 1742395318799852
- **Automating Quality Measures for Heart Failure Using Natural Language Processing: A Descriptive Study in the Department of Veterans Affairs** *JMIR MEDICAL INFORMATICS*
  Garvin, J., Kim, Y., Gobbel, G., Matheny, M. E., Redd, A., Bray, B. E., Heidenreich, P., Bolton, D., Heavirland, J., Kelly, N., Reeves, R., Kalsy, M., Goldstein, et al
  2018; 6 (1): e5
- **Effect of the Tool to Reduce Inappropriate Medications on Medication Communication and Deprescribing** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Fried, T. R., Niehoff, K. M., Street, R. L., Charpentier, P. A., Rajeevan, N., Miller, P. L., Goldstein, M. K., O'Leary, J. R., Fenton, B. T.
  2017; 65 (10): 2265–71
- **Development of a video-delivered relaxation treatment of late-life anxiety for veterans.** *International psychogeriatrics*
  Gould, C. E., Zapata, A. M., Bruce, J., Bereknyei Merrell, S., Wetherell, J. L., O'Hara, R., Kuhn, E., Goldstein, M. K., Beaudreau, S. A.
  2017: 1-13
- **Decaying relevance of clinical data towards future decisions in data-driven inpatient clinical order sets.** *International journal of medical informatics*
  Chen, J. H., Alagappan, M., Goldstein, M. K., Asch, S. M., Altman, R. B.
  2017; 102: 71-79
- **Extraction of left ventricular ejection fraction information from various types of clinical reports** *JOURNAL OF BIOMEDICAL INFORMATICS*

Kim, Y., Garvin, J. H., Goldstein, M. K., Hwang, T. S., Redd, A., Bolton, D., Heidenreich, P. A., Meystre, S. M.
2017; 67: 42–48

- **What is a good medical decision? A research agenda guided by perspectives from multiple stakeholders.** *Journal of behavioral medicine*
  Hamilton, J. G., Lillie, S. E., Alden, D. L., Scherer, L., Oser, M., Rini, C., Tanaka, M., Baleix, J., Brewster, M., Craddock Lee, S., Goldstein, M. K., Jacobson, R. M., Myers, et al
  2017; 40 (1): 52-68

- **What is a good medical decision? A research agenda guided by perspectives from multiple stakeholders** *JOURNAL OF BEHAVIORAL MEDICINE*
  Hamilton, J. G., Lillie, S. E., Alden, D. L., Scherer, L., Oser, M., Rini, C., Tanaka, M., Baleix, J., Brewster, M., Lee, S. C., Goldstein, M. K., Jacobson, R. M., Myers, et al
  2017; 40 (1): 52-68

- **High-Risk Drug-Drug Interactions Between Clinical Practice Guidelines for Management of Chronic Conditions.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
  Tso, G. J., Tu, S. W., Musen, M. A., Goldstein, M. K.
  2017; 2017: 531–39

- **The New HIT: Human Health Information Technology**
  Leung, T. I., Goldstein, M. K., Musen, M. A., Cronkite, R., Chen, J. H., Gottlieb, A., Leitersdorf, E.
  edited by Gundlapalli, A. V., Jaulent, M. C., Zhao, D.
  IOS PRESS.2017: 768–72

- **A MIXED-METHODS EVALUATION OF A VIDEO-DELIVERED RELAXATION TREATMENT OF ANXIETY IN OLDER VETERANS**
  Gould, C. E., O'Hara, R., Zapata, A., Bruce, J., Merrell, S., Wetherell, J., Goldstein, M., Beaudreau, S. A.
  OXFORD UNIV PRESS INC.2016: 448

- **TESTING THE USABILITY OF A PORTABLE DVD PLAYER AND PHOTO INSTRUCTIONS GUIDE WITH OLDER VETERANS**
  Gould, C. E., Zapata, A., Merrell, S., Bruce, J., Beaudreau, S. A., Goldstein, M., Wetherell, J., O'Hara, R.
  OXFORD UNIV PRESS INC.2016: 568

- **Multimorbidity is associated with anxiety in older adults in the Health and Retirement Study.** *International journal of geriatric psychiatry*
  Gould, C. E., O'Hara, R., Goldstein, M. K., Beaudreau, S. A.
  2016; 31 (10): 1105-1115

- **Predicting inpatient clinical order patterns with probabilistic topic models vs conventional order sets.** *Journal of the American Medical Informatics Association*
  Chen, J. H., Goldstein, M. K., Asch, S. M., Mackey, L., Altman, R. B.
  2016

- **Automated Heart Failure Quality Measurement with Natural Language Processing**
  Garvin, J. H., Kim, Y., Gobbel, G. T., Matheny, M. E., Redd, A., Bray, B. E., Heidenreich, P., Kalsy, M., Goldstein, M. K., Bolton, D., Nativi-Nicolau, J., Meystre, S. M.
  CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2016: S92

- **A Delphi process to address medication appropriateness for older persons with multiple chronic conditions (vol 16, 67, 2016)** *BMC GERIATRICS*
  Fried, T. R., Niehoff, K., Tjia, J., Redeker, N., Goldstein, M. K.
  2016; 16: 123

- **Development of the Tool to Reduce Inappropriate Medications (TRIM): A Clinical Decision Support System to Improve Medication Prescribing for Older Adults.** *Pharmacotherapy*
  Niehoff, K. M., Rajeevan, N., Charpentier, P. A., Miller, P. L., Goldstein, M. K., Fried, T. R.
  2016; 36 (6): 694-701

- **Longitudinal Cognitive Trajectories of Women Veterans from the Women's Health Initiative Memory Study.** *Gerontologist*
  Padula, C. B., Weitlauf, J. C., Rosen, A. C., Reiber, G., Cochrane, B. B., Naughton, M. J., Li, W., Rissling, M., Yaffe, K., Hunt, J. R., Stefanick, M. L., Goldstein, M. K., Espeland, et al
  2016; 56 (1): 115-125

- **A Delphi process to address medication appropriateness for older persons with multiple chronic conditions.** *BMC geriatrics*
  Fried, T. R., Niehoff, K., Tjia, J., Redeker, N., Goldstein, M. K.
  2016; 16 (1): 67-?

- **DYNAMICALLY EVOLVING CLINICAL PRACTICES AND IMPLICATIONS FOR PREDICTING MEDICAL DECISIONS**
  Chen, J. H., Goldstein, M. K., Asch, S. M., Altman, R. B.
  edited by Altman, R. B., Dunker, A. K., Hunter, L., Ritchie, M. D., Murray, T., Klein, T. E.
  WORLD SCIENTIFIC PUBL CO PTE LTD.2016: 195–206

- **Automating Guidelines for Clinical Decision Support: Knowledge Engineering and Implementation.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
  Tso, G. J., Tu, S. W., Oshiro, C., Martins, S., Ashcraft, M., Yuen, K. W., Wang, D., Robinson, A., Heidenreich, P. A., Goldstein, M. K.
  2016; 2016: 1189-1198

- **Automating Performance Measures and Clinical Practice Guidelines: Differences and Complementarities.** *AMIA ... Annual Symposium proceedings. AMIA Symposium*
  Tu, S. W., Martins, S., Oshiro, C., Yuen, K., Wang, D., Robinson, A., Ashcraft, M., Heidenreich, P. A., Goldstein, M. K.
  2016; 2016: 1199-1208

- **Test Case Selection in Pre-Deployment Testing of Complex Clinical Decision Support Systems.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
  Tso, G. J., Yuen, K., Martins, S., Tu, S. W., Ashcraft, M., Heidenreich, P., Hoffman, B. B., Goldstein, M. K.
  2016; 2016: 240-249

- **DYNAMICALLY EVOLVING CLINICAL PRACTICES AND IMPLICATIONS FOR PREDICTING MEDICAL DECISIONS.** *Pacific Symposium on Biocomputing. Pacific Symposium on Biocomputing*
  Chen, J. H., Goldstein, M. K., Asch, S. M., Altman, R. B.
  2016; 21: 195-206

- **Prospective Analysis of Health and Mortality Risk in Veteran and Non-Veteran Participants in the Women's Health Initiative** *WOMENS HEALTH ISSUES*
  Weitlauf, J. C., LaCroix, A. Z., Bird, C. E., Woods, N. F., Washington, D. L., Katon, J. G., LaMonte, M. J., Goldstein, M. K., Bassuk, S. S., Sarto, G. E., Stefanick, M. L.
  2015; 25 (6): 649-657

- **Defibrillator implantations for primary prevention in the United States: Inappropriate care or inadequate documentation: Insights from the National Cardiovascular Data ICD Registry.** *Heart rhythm*
  Kaiser, D. W., Tsai, V., Heidenreich, P. A., Goldstein, M. K., Wang, Y., Curtis, J., Turakhia, M. P.
  2015; 12 (10): 2086-2093

- **Prospective Analysis of Health and Mortality Risk in Veteran and Non-Veteran Participants in the Women's Health Initiative.** *Women's health issues : official publication of the Jacobs Institute of Women's Health*
  Weitlauf, J. C., LaCroix, A. Z., Bird, C. E., Woods, N. F., Washington, D. L., Katon, J. G., LaMonte, M. J., Goldstein, M. K., Bassuk, S. S., Sarto, G. E., Stefanick, M. L.
  2015; 25 (6): 649-57

- **A validated risk model for 1-year mortality after primary prevention implantable cardioverter defibrillator placement.** *American heart journal*
  Heidenreich, P. A., Tsai, V., Curtis, J., Wang, Y., Turakhia, M. P., Masoudi, F. A., Varosy, P. D., Goldstein, M. K.
  2015; 170 (2): 281-289 e2

- **Does Age Influence Cardiac Resynchronization Therapy Use and Outcome?** *JACC. Heart failure*
  Heidenreich, P. A., Tsai, V., Bao, H., Curtis, J., Goldstein, M., Curtis, L., Hernandez, A., Peterson, P., Turakhia, M. P., Masoudi, F. A.
  2015; 3 (6): 497-504

- **Support for Management of Multiple Comorbidities through a Performance Measure Clinical Dashboard for Primary Care**
  Goldstein, M. K., Tu, S. W., Martins, S. B., Oshiro, C., Yuen, K., Hwang, T., Wang, D., Furman, A., Ashcraft, M., Heidenreich, P.
  WILEY-BLACKWELL.2015: S208

- **Automating Identification of Multiple Chronic Conditions in Clinical Practice Guidelines.** *AMIA Joint Summits on Translational Science proceedings AMIA Summit on Translational Science*
  Leung, T. I., Jalal, H., Zulman, D. M., Dumontier, M., Owens, D. K., Musen, M. A., Goldstein, M. K.

2015; 2015: 456-460

- **Classification of Contextual Use of Left Ventricular Ejection Fraction Assessments.** *Studies in health technology and informatics*
  Kim, Y. n., Garvin, J. n., Goldstein, M. K., Meystre, S. M.
  2015; 216: 599–603
- **Using a Clinical Knowledge Base to Assess Comorbidity Interrelatedness Among Patients with Multiple Chronic Conditions.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Zulman, D. M., Martins, S. B., Liu, Y., Tu, S. W., Hoffman, B. B., Asch, S. M., Goldstein, M. K.
  2015; 2015: 1381-1389
- **Health Outcomes Associated with Polypharmacy in Community-Dwelling Older Adults: A Systematic Review** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Fried, T. R., O'Leary, J., Towle, V., Goldstein, M. K., Trentalange, M., Martin, D. K.
  2014; 62 (12): 2261-2272
- **The Effects of Comorbidity on the Benefits and Harms of Treatment for Chronic Disease: A Systematic Review** *PLOS ONE*
  Fried, T. R., O'Leary, J., Towle, V., Goldstein, M. K., Trentelange, M., Martin, D. K.
  2014; 9 (11)
- **Mental illness and intensification of diabetes medications: an observational cohort study** *BMC HEALTH SERVICES RESEARCH*
  Frayne, S. M., Holmes, T. H., Berg, E., Goldstein, M. K., Berlowitz, D. R., Miller, D. R., Pogach, L. M., Laungani, K. J., Lee, T. T., Moos, R.
  2014; 14
- **Quality of care for patients with multiple chronic conditions: the role of comorbidity interrelatedness.** *Journal of general internal medicine*
  Zulman, D. M., Asch, S. M., Martins, S. B., Kerr, E. A., Hoffman, B. B., Goldstein, M. K.
  2014; 29 (3): 529-537
- **Choosing a physician depends on how you want to feel: The role of ideal affect in health-related decision making.** *Emotion*
  Sims, T., Tsai, J. L., Koopmann-Holm, B., Thomas, E. A., Goldstein, M. K.
  2014; 14 (1): 187-192
- **Organizational factors affecting implementation of the ATHENA-Hypertension clinical decision support system during the VA's nation-wide information technology restructuring: a case study** *Health System*
  Shluzas, L. M., Cronkite, R. C., Hoffman, B. B., Breeling, J., Musen, M. A., Owens, D. K., Goldstein, M. K.
  2014
- **ANXIETY IS ASSOCIATED WITH MULTIMORBIDITY IN OLDER ADULTS IN THE HEALTH AND RETIREMENT STUDY**
  Gould, C. E., Goldstein, M. K., O'Hara, R., Beaudreau, S. A.
  OXFORD UNIV PRESS INC.2013: 288
- **Using Natural Language Processing for Extracting Information from Portable Chest X-Ray Reports**
  Wang, D. Y., Hwang, T. S., Rubin, D., Chambers, J., South, B. R., Goldstein, M. K.
  WILEY-BLACKWELL.2013: S103
- **AGE DIFFERENCES IN CHOOSING EMOTIONALLY-FRAMED HEALTH CARE OPTIONS ACROSS CULTURES**
  Sims, T., Tsai, J. L., Goldstein, M. K.
  OXFORD UNIV PRESS INC.2012: 271–271
- **Automated extraction of ejection fraction for quality measurement using regular expressions in Unstructured Information Management Architecture (UIMA) for heart failure** *JOURNAL OF THE AMERICAN MEDICAL INFORMATICS ASSOCIATION*
  Garvin, J. H., DuVall, S. L., South, B. R., Bray, B. E., Bolton, D., Heavirland, J., Pickard, S., Heidenreich, P., Shen, S., Weir, C., Samore, M., Goldstein, M. K.
  2012; 19 (5): 859-866
- **Willingness to Pay in Dermatology: Assessment of the Burden of Skin Diseases** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
  Seidler, A. M., Bayoumi, A. M., Goldstein, M. K., Cruz, P. D., Chen, S. C.
  2012; 132 (7): 1785-1790
- **A NOVEL CONCEPTUAL MODEL FOR CLINICAL DECISION COMPLEXITY**
  Zulman, D. M., Martins, S. B., Asch, S., Goldstein, M. K.

SPRINGER.2012: S106–S107

- **A Clinically Guided Approach for Improving Performance Measurement for Hypertension** *MEDICAL CARE*
  Steinman, M. A., Lee, S. J., Peterson, C. A., Fung, K. Z., Goldstein, M. K.
  2012; 50 (5): 399-405

- **Knowing Loved Ones' End-of-Life Health Care Wishes: Attachment Security Predicts Caregivers' Accuracy** *HEALTH PSYCHOLOGY*
  Turan, B., Goldstein, M. K., Garber, A. M., Carstensen, L. L.
  2011; 30 (6): 814-818

- **PREDICTORS OF TREATMENT PREFERENCE AGREEMENT AMONG OLDER PATIENTS, SURROGATES, AND PHYSICIANS**
  Woodhead, E., English, T., Goldstein, M., Garber, A., Carstensen, L.
  OXFORD UNIV PRESS INC.2011: 450

- **Influence of Age on Perioperative Complications Among Patients Undergoing Implantable Cardioverter-Defibrillators for Primary Prevention in the United States** *CIRCULATION-CARDIOVASCULAR QUALITY AND OUTCOMES*
  Tsai, V., Goldstein, M. K., Hsia, H. H., Wang, Y., Curtis, J., Heidenreich, P. A.
  2011; 4 (5): 549-U111

- **Age Differences in Primary Prevention Implantable Cardioverter-Defibrillator Use in US Individuals** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Tsai, V., Goldstein, M. K., Hsia, H. H., Wang, Y., Curtis, J., Heidenreich, P. A.
  2011; 59 (9): 1589-1595

- **Home Blood Pressure Management and Improved Blood Pressure Control Results From a Randomized Controlled Trial** *ARCHIVES OF INTERNAL MEDICINE*
  Bosworth, H. B., Powers, B. J., Olsen, M. K., McCant, F., Grubber, J., Smith, V., Gentry, P. W., Rose, C., van Houtven, C., Wang, V., Goldstein, M. K., Oddone, E. Z.
  2011; 171 (13): 1173-1180

- **Developing Heart Failure (HF) Clinical Decision Support for Patients with Comorbidities.**
  Goldstein, M. K., Martins, S. B., Tu, S. W., Heidenreich, P., Massie, B., Furmaga, E.
  WILEY-BLACKWELL.2011: S146

- **Behavioral medicine perspectives on the design of health information technology to improve decision-making, guideline adherence, and care coordination in chronic pain management.** *Translational behavioral medicine*
  Midboe, A. M., Lewis, E. T., Cronkite, R. C., Chambers, D., Goldstein, M. K., Kerns, R. D., Trafton, J. A.
  2011; 1 (1): 35-44

- **Designing an automated clinical decision support system to match clinical practice guidelines for opioid therapy for chronic pain** *IMPLEMENTATION SCIENCE*
  Trafton, J. A., Martins, S. B., Michel, M. C., Wang, D., Tu, S. W., Clark, D. J., Elliott, J., Vucic, B., Balt, S., Clark, M. E., Sintek, C. D., Rosenberg, J., Daniels, et al
  2010; 5

- **When tight blood pressure control is not for everyone: a new model for performance measurement in hypertension.** *Joint Commission journal on quality and patient safety / Joint Commission Resources*
  Steinman, M. A., Goldstein, M. K.
  2010; 36 (4): 164-172

- **Following Your Heart or Your Head: Focusing on Emotions Versus Information Differentially Influences the Decisions of Younger and Older Adults** *JOURNAL OF EXPERIMENTAL PSYCHOLOGY-APPLIED*
  Mikels, J. A., Loeckenhoff, C. E., Maglio, S. J., Carstensen, L. L., Goldstein, M. K., Garber, A.
  2010; 16 (1): 87-95

- **Evaluation of the Acceptability and Usability of a Decision Support System to Encourage Safe and Effective Use of Opioid Therapy for Chronic, Noncancer Pain by Primary Care Providers** *PAIN MEDICINE*
  Trafton, J., Martins, S., Michel, M., Lewis, E., Wang, D., Combs, A., Scates, N., Tu, S., Goldstein, M. K.
  2010; 11 (4): 575-585

- **Preferences for dialysis withdrawal and engagement in advance care planning within a diverse sample of dialysis patients** *NEPHROLOGY DIALYSIS TRANSPLANTATION*

Tamura, M., Goldstein, M. K., Perez-Stable, E. J.
2010; 25 (1): 237-242

- **Natural Language Processing for Lines and Devices in Portable Chest X-Rays** *Proc AMIA Annual Symposium 2010*
  Rubin D, Wang D, Chambers DA, Chambers JG, South BR, Goldstein MK
  2010: 692-696

- **The morningside initiative: collaborative development of a knowledge repository to accelerate adoption of clinical decision support.** *The open medical informatics journal*
  Greenes, R., Bloomrosen, M., Brown-Connolly, N. E., Curtis, C., Detmer, D. E., Enberg, R., Fridsma, D., Fry, E., Goldstein, M. K., Haug, P., Hulse, N., Hongsermeier, T., Maviglia, et al
  2010; 4: 278-290

- **Preferences for dialysis withdrawal and engagement in advance care planning within a diverse sample of dialysis patients** *NEPHROLOGY DIALYSIS TRANSPLANTATION*
  Tamura, M. K., Goldstein, M. K., Perez-Stable, E. J.
  2010; 25 (1): 237-242

- **Natural language processing for lines and devices in portable chest x-rays.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Rubin, D., Wang, D., Chambers, D. A., Chambers, J. G., South, B. R., Goldstein, M. K.
  2010; 2010: 692-696

- **Ability of expert physicians to structure clinical guidelines: reality versus perception** *JOURNAL OF EVALUATION IN CLINICAL PRACTICE*
  Shalom, E., Shahar, Y., Taieb-Maimon, M., Martins, S. B., Vaszar, L. T., Goldstein, M. K., Gutnik, L., Lunenfeld, E.
  2009; 15 (6): 1043-1053

- **Patient education and provider decision support to control blood pressure in primary care: A cluster randomized trial** *78th Annual Scientific Session of the American-Heart-Association*
  Bosworth, H. B., Olsen, M. K., Dudley, T., Orr, M., Goldstein, M. K., Datta, S. K., McCant, F., Gentry, P., Simel, D. L., Oddone, E. Z.
  MOSBY-ELSEVIER.2009: 450–56

- **Use of a Technological Instrument to Facilitate Educational Program Development in Medicine.**
  Bao, Y., Huh, J., Goldstein, M. K.
  WILEY-BLACKWELL PUBLISHING, INC.2009: S38

- **Can Physicians Structure Clinical Guidelines? Experiments with a Mark-Up-Process Methodology** *Workshop on Knowledge Management for Health Care Procedures (K4HelP 2008) held at the 18th European Conference on Artificial Intelligence*
  Shalom, E., Shahar, Y., Taieb-Maimon, M., Bar, G., Martins, S. B., Young, O., Vaszar, L., Liel, Y., Yarkoni, A., Goldstein, M. K., Leibowitz, A., Marom, T., Lunenfeld, et al
  SPRINGER-VERLAG BERLIN.2009: 67–80

- **Simple counts of ADL dependencies do not adequately reflect older adults' preferences toward states of functional impairment** *JOURNAL OF CLINICAL EPIDEMIOLOGY*
  Sims, T., Holmes, T. H., Bravata, D. M., Garber, A. M., Nelson, L. M., Goldstein, M. K.
  2008; 61 (12): 1261-1270

- **A quantitative assessment of a methodology for collaborative specification and evaluation of clinical guidelines** *JOURNAL OF BIOMEDICAL INFORMATICS*
  Shalom, E., Shahar, Y., Taieb-Maimon, M., Bar, G., Yarkoni, A., Young, O., Martins, S. B., Vaszar, L., Goldstein, M. K., Liel, Y., Leibowitz, A., Marom, T., Lunenfeld, et al
  2008; 41 (6): 889-903

- **Using health information technology to improve hypertension management** *CURRENT HYPERTENSION REPORTS*
  Goldstein, M. K.
  2008; 10 (3): 201-207

- **The impact of chronic hepatitis C and co-morbid illnesses on health-related quality of life** *QUALITY OF LIFE RESEARCH*
  Kwan, J. W., Cronkite, R. C., Yiu, A., Goldstein, M. K., Kazis, L., Cheung, R. C.
  2008; 17 (5): 715-724

- **Evaluation of an architecture for intelligent query and exploration of time-oriented clinical data** *ARTIFICIAL INTELLIGENCE IN MEDICINE*
  Martins, S. B., Shahar, Y., Goren-Bar, D., Galperin, M., Kaizer, H., Basso, L. V., McNaughton, D., Goldstein, M. K.
  2008; 43 (1): 17-34

- **Implementing Effective Hypertension Quality Improvement Strategies: Barriers and Potential Solutions** *JOURNAL OF CLINICAL HYPERTENSION*
  Walsh, J. M., Sundaram, V., McDonald, K., Owens, D. K., Goldstein, M. K.
  2008; 10 (4): 311-316

- **The effect of continuous positive airway pressure therapy on falls in elderly patients with obstructive sleep apnea: Methodology of a phone survey study**
  Javaheri, A., Goldstein, M., Sarinas, P.
  BLACKWELL PUBLISHING.2008: S117

- **New methods for performance measurement in hypertension: Results from an expert panel**
  Steinman, M., Goldstein, M. K.
  SPRINGER.2008: 351

- **Information technology to support improved care for chronic illness** *State of the Art Conference on Managing Complexity in Chronic Care*
  Young, A. S., Chaney, E., Shoai, R., Bonner, L., Cohen, A. N., Doebbeling, B., Dorr, D., Goldstein, M. K., Kerr, E., Nichol, P., Perrin, R.
  SPRINGER.2007: 425–430

- **Runtime application of Hybrid-Asbru clinical guidelines** *JOURNAL OF BIOMEDICAL INFORMATICS*
  Young, O., Shahar, Y., Liel, Y., Lunenfeld, E., Bar, G., Shalom, E., Martins, S. B., Vaszar, L. T., Marom, T., Goldstein, M. K.
  2007; 40 (5): 507-526

- **Association of antihypertensive Therapy and diastolic Hypotension in chronic kidney disease** *HYPERTENSION*
  Peralta, C. A., Shlipak, M. G., Wassel-Fyr, C., Bosworth, H., Hoffman, B., Martins, S., Oddone, E., Goldstein, M. K.
  2007; 50 (3): 474-480

- **Clinical reminders attached to echocardiography reports of patients with reduced left ventricular ejection fraction increase use of beta-blockers - A randomized trial** *CIRCULATION*
  Heidenreich, P. A., Gholami, P., Sahay, A., Massie, B., Goldstein, M. K.
  2007; 115 (22): 2829-2834

- **Hypertension Intervention Nurse Telemedicine Study (HINTS): Testing a multifactorial tailored behavioral/educational and a medication management intervention for blood pressure control** *AMERICAN HEART JOURNAL*
  Bosworth, H. B., Olsen, M. K., McCant, F., Harrelson, M., Gentry, P., Rose, C., Goldstein, M. K., Hoffman, B. B., Powers, B., Oddone, E. Z.
  2007; 153 (6): 918-924

- **Does cancer risk affect health-related quality of life in patients with Barrett's esophagus?** *Digestive Disease Week Meeting/106th Annual Meeting of the American-Gastroenterological-Association*
  Gerson, L. B., Ullah, N., Hastie, T., Goldstein, M. K.
  MOSBY-ELSEVIER.2007: 16–25

- **Quality improvement strategies for hypertension management - A systematic review** *MEDICAL CARE*
  Walsh, J. M., McDonald, K. M., Shojania, K. G., Sundaram, V., Nayak, S., Lewis, R., Owens, D. K., Goldstein, M. K.
  2006; 44 (7): 646-657

- **The impact of chronic hepatitis C and comorbid psychiatric illnesses on health-related quality of life** *JOURNAL OF CLINICAL GASTROENTEROLOGY*
  Lim, J. K., Cronkite, R., Goldstein, M. K., Cheung, R. C.
  2006; 40 (6): 528-534

- **Task analysis of writing hospital admission orders: evidence of a problem-based approach.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Johnson, C. D., Zeiger, R. F., Das, A. K., Goldstein, M. K.
  2006: 389-393

- **Offline testing of the ATHENA Hypertension decision support system knowledge base to improve the accuracy of recommendations.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*

Martins, S. B., Lai, S., Tu, S., Shankar, R., Hastings, S. N., Hoffman, B. B., Dipilla, N., Goldstein, M. K.
2006: 539-543

- **Knowledge-based method for building patient decision-analytic tools.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Das, A. K., Ahmed, B. A., Garten, Y., Robin, J. I., Goldstein, M. K.
  2006: 175-179

- **Racial differences in blood pressure control: potential explanatory factors.** *American journal of medicine*
  Bosworth, H. B., Dudley, T., Olsen, M. K., Voils, C. I., Powers, B., Goldstein, M. K., Oddone, E. Z.
  2006; 119 (1): 70 e9-15

- **Deciphering the code** *AHRQ WebM&M [serial online].*
  Goldstein MK
  2006

- **Use of declarative statements in creating and maintaining computer-interpretable knowledge bases for guideline-based care.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Tu, S. W., Hrabak, K. M., Campbell, J. R., Glasgow, J., Nyman, M. A., McClure, R., McClay, J., Abarbanel, R., Mansfield, J. G., Martins, S. M., Goldstein, M. K., Musen, M. A.
  2006: 784-788

- **The effect of geriatrics evaluation and management on nursing home use and health care costs - Results from a randomized trial** *MEDICAL CARE*
  Phibbs, C. S., Holty, J. E., Goldstein, M. K., Garber, A. M., Wang, Y. J., Feussner, J. R., Cohen, H. J.
  2006; 44 (1): 91-95

- **Identifying barriers to hypertension guideline adherence using clinician feedback at the point of care.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Lin, N. D., Martins, S. B., Chan, A. S., Coleman, R. W., Bosworth, H. B., Oddone, E. Z., Shankar, R. D., Musen, M. A., Hoffman, B. B., Goldstein, M. K.
  2006: 494-498

- **Improving adherence to guidelines for hypertension drug prescribing: Cluster-randomized controlled trial of general versus patient-specific recommendations** *AMERICAN JOURNAL OF MANAGED CARE*
  Goldstein, M. K., Lavori, P., Coleman, R., Advani, A., Hoffman, B. B.
  2005; 11 (11): 677-685

- **ACE inhibitor reminders attached to echocardiography reports of patients with reduced left ventricular ejection fraction** *AMERICAN JOURNAL OF MEDICINE*
  Heidenreich, P. A., Chacko, M., Goidstein, M. K., Atwood, J. E.
  2005; 118 (9): 1034-1037

- **The veterans' study to improve the control of hypertension (V-STITCH): Design and methodology** *CONTEMPORARY CLINICAL TRIALS*
  Bosworth, H. B., Olsen, M. K., Goldstein, M. K., Orr, M., Dudley, T., McCant, F., Gentry, P., Oddone, E. Z.
  2005; 26 (2): 155-168

- **Invariance and inconsistency in utility ratings** *22nd Annual Meeting of the Society-for-Medical-Decision-Making*
  Bravata, D. M., Nelson, L. M., Garber, A. M., Goldstein, M. K.
  SAGE PUBLICATIONS INC.2005: 158–67

- **Patient-derived health state utilities for gastroesophageal reflux disease** *AMERICAN JOURNAL OF GASTROENTEROLOGY*
  Gerson, L. B., Ullah, N., Hastie, T., Triadafilopoulos, G., Goldstein, M.
  2005; 100 (3): 524-533

- **Leveraging point-of-care clinician feedback to study barriers to guideline adherence.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Chan, A. S., Shankar, R. D., Coleman, R. W., Matins, S. B., Hoffman, B. B., Goldstein, M. K.
  2005: 915-?

- **Post-Fielding Surveillance of a Guideline-Based Decision Support System** *Advanced in Patient Safety: From Research to Implementation*

Chan A.S., Martins SB, Coleman R.W., Bosworth H.B., Oddone E.Z., Shlipak M.G., Tu S.W., Musen M.A., Hoffman B.B., Goldstein M.K.
2005; 1: 331-339

- **Multimedia quality of life assessment: advances with FLAIR.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Sims, T. L., Garber, A. M., Miller, D. E., Mahlow, P. T., Bravata, D. M., Goldstein, M. K.
  2005: 694-698

- **Clinical Decision-Support for Managing Chronic Disease in Primary Care: ATHENA DSS** *FORUM*
  Goldstein M.K., Oddone E, Hoffman BB
  2005: 4

- **Behavioral interventions and cost-effectiveness analysis** *PREVENTIVE MEDICINE*
  Wagner, T. H., Goldstein, M. K.
  2004; 39 (6): 1208-1214

- **Clinician awareness of adherence to hypertension guidelines** *AMERICAN JOURNAL OF MEDICINE*
  Steinman, M. A., Fischer, M. A., Shlipak, M. G., Bosworth, H. B., Oddone, E. Z., Hoffman, B. B., Goldstein, M. K.
  2004; 117 (10): 747-754

- **Health-related quality of life in patients with pulmonary arterial hypertension** *CHEST*
  Shafazand, S., Goldstein, M. K., Doyle, R. L., Hlatky, M. A., Gould, M. K.
  2004; 126 (5): 1452-1459

- **Translating research into practice: Organizational issues in implementing automated decision support for hypertension in three medical centers** *JOURNAL OF THE AMERICAN MEDICAL INFORMATICS ASSOCIATION*
  Goldstein, M. K., Coleman, R. W., Tu, S. W., Shankar, R. D., O'Connor, M. J., Musen, M. A., Martins, S. B., Lavori, P. W., Shlipak, M. G., Oddone, E., Advani, A. A., Gholami, P., Hoffman, et al
  2004; 11 (5): 368-376

- **A catalog of dermatology utilities: A measure of the burden of skin diseases** *JOURNAL OF INVESTIGATIVE DERMATOLOGY SYMPOSIUM PROCEEDINGS*
  Chen, S. C., Bayoumi, A. M., Soon, S. L., Aftergut, K., Cruz, P., Sexton, S. A., McCall, C. O., Goldstein, M. K.
  2004; 9 (2): 160-168

- **Treadmill scores in elderly men** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
  Lai, S., Kaykha, A., Yamazaki, T., Goldstein, M., Spin, J. M., Myers, J., Froelicher, V. F.
  2004; 43 (4): 606-615

- **Modeling guidelines for integration into clinical workflow** *11th World Congress on Medical Informatics*
  Tu, S. W., Musen, M. A., Shankar, R., Campbell, J., Hrabak, K., McClay, J., Huff, S. M., Mcclure, R., Parker, C., Rocha, R., ABARBANEL, R., Beard, N., Glasgow, et al
  I O S PRESS.2004: 174–178

- **An intelligent case-adjustment algorithm for the automated design of population-based quality auditing protocols** *11th World Congress on Medical Informatics*
  Advani, A., Jones, N., Shahar, Y., Goldstein, M., Musen, M. A.
  I O S PRESS.2004: 1003–1007

- **Evaluating provider adherence in a trial of a guideline-based decision support system for hypertension** *11th World Congress on Medical Informatics*
  Chan, A. S., Coleman, R. W., Martins, S. B., Advani, A., Musen, M. A., Bosworth, H. B., Oddone, E. Z., Shlipak, M. G., Hoffman, B. B., Goldstein, M. K.
  I O S PRESS.2004: 125–129

- **Evaluation of KNAVE-II: a tool for intelligent query and exploration of patient data** *11th World Congress on Medical Informatics*
  Martins, S. B., Shahar, Y., Galperin, M., Kaizer, H., Goren-Bar, D., McNaughton, D., Basso, L. V., Goldstein, M. K.
  I O S PRESS.2004: 648–652

- **Academic detailing to improve anti hypertensive prescribing patterns** *AMERICAN JOURNAL OF HYPERTENSION*
  Siegel, D., Lopez, J., Meier, J., Goldstein, M. K., Lee, S., Brazill, B. J., Matalka, M. S.
  2003; 16 (6): 508-511

- **A distributed, collaborative, structuring model for a clinical-guideline digital-library.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Shahar, Y., Shalom, E., Mayaffit, A., Young, O., Galperin, M., Martins, S., Goldstein, M.
  2003: 589-593

- **The Effects of CPOE on ICU workflow: an observational study.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Cheng, C. H., Goldstein, M. K., Geller, E., Levitt, R. E.
  2003: 150-154

- **Hypertension Recordkeeping and Electronic Management Systems** *(eds) Izzo J.L. and Black H.R. Hypertension Primer: The Essentials of High Blood Pressure*
  Goldstein M.K., Hoffman B.B.
  2003: 393-396

- **Desirability of Outcome States** *Symptom Research: Methods and Opportunities. eds M.B. Max and J. Lynn. NIH online interactive textbook*
  Goldstein, M.K., Tsevat, J.
  2003

- **Developing quality indicators and auditing protocols from formal guideline models: knowledge representation and transformations.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Advani, A., Goldstein, M., Shahar, Y., Musen, M. A.
  2003: 11-15

- **Hypertension Recordkeeping and Electronic Management Systems** *(eds) Izzo J.L. and Black H.R. Hypertension Primer: The Essentials of High Blood Pressure*
  Goldstein M.K., Hoffman B.B.
  2003: 393-396

- **Desirability of Outcome States** *Symptom Research: Methods and Opportunities. eds M.B. Max and J. Lynn. NIH online interactive textbook*
  Goldstein, M.K., Tsevat, J.
  2003

- **Developing quality indicators and auditing protocols from formal guideline models: knowledge representation and transformations.** *AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium*
  Advani, A., Goldstein, M., Shahar, Y., Musen, M. A.
  2003: 11-15

- **Patient safety in guideline-based decision support for hypertension management: ATHENA DSS** *Annual Meeting of the American-Medical-Information-Association*
  Goldstein, M. K., Hoffman, B. B., Coleman, R. W., Tu, S. W., Shankar, R. D., O'Connor, M., Martins, S., Advani, A., Musen, M. A.
  B M J PUBLISHING GROUP.2002: S11–S16

- **Utility elicitation software for older adults FLAIR2 for quality of life ratings of dependency in ADLS**
  Goldstein, M., Garber, A., Miller, D.
  GERONTOLOGICAL SOCIETY AMER.2002: 250

- **Quality of life assessment software for computer-inexperienced older adults: Multimedia utility elicitation for activities of daily living** *Annual Symposium of the American-Medical-Informatics-Association*
  Goldstein, M. K., Miller, D. E., Davies, S., Garber, A. M.
  HANLEY & BELFUS INC MED PUBLISHERS.2002: 295–299

- **Accuracy of computerized outpatient diagnoses in a veterans affairs general medicine clinic** *Annual Meeting of the Department-of-Veterans-Affairs-Health-Services-Research-and-Development*
  Szeto, H. C., Coleman, R. K., Gholami, P., Hoffman, B. B., Goldstein, M. K.
  MANAGED CARE & HEALTHCARE COMMUNICATIONS LLC.2002: 37–43

- **A framework for evidence-adaptive quality assessment that unifies guideline-based and performance-indicator approaches** *Annual Symposium of the American-Medical-Informatics-Association*
  Advani, A., Goldstein, M., Musen, M. A.
  HANLEY & BELFUS INC MED PUBLISHERS.2002: 2–6

- **Ethics** *Primary Care Geriatrics: A Case-Based Approach. eds R.J.Ham, P.D. Sloane, G.A. Warshaw. Mosby, Inc*
  Goldstein, M.K.
  2002

- **What should be reported in a methods section on utility assessment?** *MEDICAL DECISION MAKING*
  Stalmeier, P. F., Goldstein, M. K., Holmes, A. M., Lenert, L., Miyamoto, J., Stiggelbout, A. M., Torrance, G. W., Tsevat, J.
  2001; 21 (3): 200-207

- **Patient safety in guideline-based decision support for hypertension management: ATHENA DSS** *Annual Symposium of the American-Medical-Informatics-Association (AMIA 2001)*
  Goldstein, M. K., Hoffman, B. B., Coleman, R. W., Tu, S. W., Shankar, R. D., O'Connor, M., Martins, S., Advani, A., Musen, M. A.
  BMJ PUBLISHING GROUP.2001: 214–218

- **Integration of textual guideline documents with formal guideline knowledge bases** *Annual Symposium of the American-Medical-Informatics-Association (AMIA 2001)*
  Shankar, R. D., Tu, S. W., Martins, S. B., Fagan, L. M., Goldstein, M. K., Musen, M. A.
  BMJ PUBLISHING GROUP.2001: 617–621

- **Building an explanation function for a hypertension decision-support system** *10th World Congress on Medical Informatics (MEDINFO 2001)*
  Shankar, R. D., Martins, S. B., Tu, S. W., Goldstein, M. K., Musen, M. A.
  I O S PRESS.2001: 538–542

- **Ethical decision making and patient autonomy - A comparison of physicians and patients in Japan and the United States** *CHEST*
  Ruhnke, G. W., Wilson, S. R., Akamatsu, T., Kinoue, T., Takashima, Y., Goldstein, M. K., Koenig, B. A., Hornberger, J. C., Raffin, T. A.
  2000; 118 (4): 1172-1182

- **Consistency validation of standard gamble utilities for dependence in activities of daily living**
  Bravata, D., Olkin, Cottle, R., Eaves, B. C., Garber, A., Goldstein, M.
  LIPPINCOTT WILLIAMS & WILKINS.2000: S117

- **Clinical decision-support systems: Evaluating the evaluation** *MEDICAL DECISION MAKING*
  Hornberger, J., Goldstein, M. K.
  2000; 20 (1): 130-131

- **Applying Utility Assessment at the Bedside** *Decision Making in Health Care: Theory, Psychology, and Applications. eds G.Chapman and F. Sonnenberg. Cambridge University Press*
  Goldstein, M.K., Tsevat, J.
  2000

- **Implementing clinical practice guidelines while taking account of changing evidence: ATHENA DSS, an easily modifiable decision-support system for managing hypertension in primary care** *Annual Symposium of the American-Medical-Informatics-Association*
  Goldstein, M. K., Hoffman, B. B., Coleman, R. W., Musen, M. A., Tu, S. W., Advani, A., Shankar, R., O'Connor, M.
  HANLEY & BELFUS INC.2000: 300–304

- **Cost-comparison analysis versus cost-effectiveness analysis: An important difference** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Chen, S., Bayoumi, A. M., Goldstein, M. K.
  1999; 41 (6): 1050-1050

- **Postoperative complications in Parkinson's disease** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Pepper, P. V., Goldstein, M. K.
  1999; 47 (8): 967-972

- **The influence of physician race, age, and gender on physician attitudes toward advance care directives and preferences for end-of-life decision-making** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Mebane, E. W., Oman, R. F., Kroonen, L. T., Goldstein, M. K.
  1999; 47 (5): 579-591

- **Decisions at the end of life: Cultural considerations beyond medical ethics** *GENERATIONS-JOURNAL OF THE AMERICAN SOCIETY ON AGING*
  Hallenbeck, J., Goldstein, M. K.

1999; 23 (1): 24-29

- **Integrating a modern knowledge-based system architecture with a legacy VA database: The ATHENA and EON projects at Stanford** *Annual Symposium of the American-Medical-Informatics-Association*
  Advani, A., Tu, S., O'Connor, M., Coleman, R., Goldstein, M. K., Musen, M.
  BMJ PUBLISHING GROUP.1999: 653–657
- **The application of medical decision analysis to genetic testing: An introduction** *49th Annual Meeting of the American-Society-of-Human-Genetics*
  McConnell, L. M., Goldstein, M. K.
  MARY ANN LIEBERT INC.1999: 65–70
- **Decision analysis and Alzheimer disease: Three case studies** *49th Annual Meeting of the American-Society-of-Human-Genetics*
  Holtzman, S., Ozanne, E., Carone, B., Goldstein, M. K., Steinke, G., Timbs, J.
  MARY ANN LIEBERT INC.1999: 71–83
- **The effect of search procedures on utility elicitations** *18th Annual Meeting of the Society-for-Medical-Decision-Making*
  Lenert, L. A., Cher, D. J., Goldstein, M. K., Bergen, M. R., Garber, A.
  SAGE PUBLICATIONS INC.1998: 76–83
- **Measurement of the validity of utility elicitations performed by computerized interview** *MEDICAL CARE*
  Lenert, L. A., Morss, S., Goldstein, M. K., Bergen, M. R., Faustman, W. O., Garber, A. M.
  1997; 35 (9): 915-920
- **The effect of assessment method and respondent population on utilities elicited for Gaucher Disease** *Annual Meeting of the Society-for-Medical-Decision-Making*
  Clarke, A. E., Goldstein, M. K., Michelson, D., Garber, A. M., Lenert, L. A.
  RAPID SCIENCE PUBLISHERS.1997: 169–84
- **Cultural considerations of death and dying in the United States** *CLINICS IN GERIATRIC MEDICINE*
  Hallenbeck, J., Goldstein, M. K., Mebane, E. W.
  1996; 12 (2): 393-?
- **Comprehensive geriatric assessment: is it too comprehensive for compliance and cost-effectiveness?** *journal of the American Board of Family Practice*
  Goldstein, M. K.
  1995; 8 (4): 337-340
- **DEVELOPING AND TESTING A MULTIMEDIA PRESENTATION OF A HEALTH-STATE DESCRIPTION** *MEDICAL DECISION MAKING*
  Goldstein, M. K., Clarke, A. E., Michelson, D., Garber, A. M., Bergen, M. R., Lenert, L. A.
  1994; 14 (4): 336-344
- **INTENSITY OF TREATMENT IN MALNUTRITION - THE ETHICAL CONSIDERATIONS** *PRIMARY CARE*
  Goldstein, M. K., Fuller, J. D.
  1994; 21 (1): 191-206
- **ETHICAL DILEMMAS IN THE CRITICALLY ILL ELDERLY** *CLINICS IN GERIATRIC MEDICINE*
  Clarke, D. E., Goldstein, M. K., Raffin, T. A.
  1994; 10 (1): 91-101
- **WITHHOLDING AND WITHDRAWING NUTRITION AND HYDRATION - SURROGATES CAN MAKE THIS DECISION FOR INCOMPETENT PATIENTS** *CHEST*
  Clarke, D. E., Goldstein, M. K., Raffin, T. A.
  1993; 104 (6): 1646-1647
- **A multimedia preference-assessment tool for functional outcomes.** *Proceedings / the ... Annual Symposium on Computer Application [sic] in Medical Care. Symposium on Computer Applications in Medical Care*
  Goldstein, M. K., Michelson, D., Clarke, A. E., Lenert, L. A.
  1993: 844-848
- **DURABLE POWER OF ATTORNEY FOR HEALTH-CARE - A SURVEY OF SENIOR CENTER PARTICIPANTS** *ARCHIVES OF INTERNAL MEDICINE*

Roe, J. M., Goldstein, M. K., Massey, K., Pascoe, D.
1992; 152 (2): 292-296

- **DURABLE POWER OF ATTORNEY FOR HEALTH-CARE - ARE WE READY FOR IT** *WESTERN JOURNAL OF MEDICINE*
  Goldstein, M. K., VALLONE, R. P., PASCOE, D. C., Winograd, C. H.
  1991; 155 (3): 263-268
- **SCREENING FOR FRAILTY - CRITERIA AND PREDICTORS OF OUTCOMES** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Winograd, C. H., Gerety, M. B., Chung, M., Goldstein, M. K., Dominguez, F., Vallone, R.
  1991; 39 (8): 778-784
- **LONG-TERM ENTERAL FEEDING - THE BRITISH VIEW** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Goldstein, M. K.
  1991; 39 (7): 732-733
- **MISUSE OF DURABLE POWER OF ATTORNEY FOR HEALTH-CARE** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Goldstein, M. K., Shadlen, M. F.
  1991; 39 (7): 730-730
- **Ethical considerations in pharmacotherapy of the aged.** *Drugs & aging*
  Goldstein, M. K.
  1991; 1 (2): 91-97
- **Gynecologic factors in sexual dysfunction of the older woman.** *Clinics in geriatric medicine*
  Goldstein, M. K., Teng, N. N.
  1991; 7 (1): 41-61
- **FECAL INCONTINENCE IN AN ELDERLY MAN - STANFORD-UNIVERSITY GERIATRICS CASE CONFERENCE** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Goldstein, M. K., Brown, E. M., Holt, P., Gallagher, D., Winograd, C. H.
  1989; 37 (10): 991-1002
- **ETHICAL CARE OF THE ELDERLY - PITFALLS AND PRINCIPLES** *GERIATRICS*
  Goldstein, M. K.
  1989; 44 (3): 101-?