Arnold Milstein, MD, MPH

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Personal Information

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Educational Background

B.A.	Harvard University	Economics	1967
M.D.	Tufts University	Medicine	1971
Internship	Mount Zion Hospital, SF	Medicine and Psychiatry	1972
Residency	Mount Zion Hospital, SF	Psychiatry	1974
M.P.H.	Univ. of California, Berkeley	Health Care Evaluation	1975

Professional Certification

Licensed Physician	California Board of Medical Quality Assurance	Medicine
Board Certification	American Board of Psychiatry	Psychiatry and Neurology
Board Certification	American Board of Quality Assurance Utilization Review	

Employment

Professor of Medicine and Clinical Excellence Research Center Director, Stanford University, July 2010 to present

Worldwide Partner and U.S. Health Care Thought Leader, Mercer Human Resource Consulting, August 1986 to July 2010

Founder and President, National Medical Audit, a global consultancy acquired by Mercer, specializing in the design and evaluation of health care performance management methods, December 1984 to July 2010

Chief Medical Advisor, Health Care Financing Administration, Region IX, January 1982 to December 1984

Director, Division of Professional Standards Review, Health Care Financing Administration, Region IX, January 1977 to December 1981

Regional Program Consultant for HSA Development, U.S. Public Health Service, Region IX, February 1976 to December 1976

Private medical practice in inpatient and office-based psychiatry, 1974 to 1988

Research Assistant, Department of Economics, Harvard University, Cambridge, Massachusetts, June 1965 to July 1967

Honors and Awards

Annual Vaughn Lecturer, Brigham and Women's Hospital, Harvard Medical School 2018

UC Berkeley School of Public Health Right Care Initiative Award 2018

Faculty Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford 2013-19

Annual Kassirer Lecture, Tufts University School of Medicine 2013

Invited to White House to directly advise U.S. President Barak Obama on design and incentivization of health care innovations to generate better outcomes at a lower cost 2012

Annual Elliott M. Stone Award for excellence in national health data leadership, National Association of State Health Data Organizations 2009
'For charting the rough seas of health care performance transparency'

Annual Founders' Award, American College of Medical Quality 2009
'…in recognition of national leadership and exceptional ability to bring constituencies together to improve care quality for populations…'

Elected to National Academy of Medicine, National Academy of Sciences 2006

Annual Award for Excellence and Innovation in Value Purchasing,
National Business Group on Health 2005
'…for tireless pursuit of health system improvements, defining the leading edge while making things happen in the real world…'

Invited to White House to directly advise U.S. President George W Bush on accelerating nationwide uptake of electronic health records 2004

Annual Keystone Award Winner, World at Work 2004
'…for innovation and effectiveness in improving the value of U.S. health care…'

Rosenthal Lecturer, National Academy of Medicine, National Academy of Sciences 1998
'accelerating health care performance improvement…'

U.S. Public Health Service Commendation Medal 1981

U.S. Public Health Service Plaque 1980

Mount Zion Hospital Mark Berke Prize 1974
'the house officer best exemplifying the qualities of the complete physician.'

National Institute of Mental Health Career Development Fellowship 1972

Graduation with honors, Harvard College 1967

Honorary Harvard College Scholarship 1964

Consultation and Professional Activities: Ongoing

Co-chair, *Nature Medicine* international scientific competition to demonstrate better clinical outcomes and lower health care spending through scientifically peer reviewed applications of artificial intelligence to health care, 2019 to present

Advisory Board Member, Fred Hutchinson Cancer Center Research Institute, 2015 to present

Member, Stanford University Committee on Faculty and Staff Human Resources, 2012 to present

Board Member, Intermountain Health Care, Salt Lake City, 2011 to present

Physician Advisor, Mercer Health & Benefits, July 2010 to present

Invited to prepare expert testimony for nine U.S. Senate and House hearings on federal policies to improve U.S. health care system performance, 1999 to present

Co-founder, The Leapfrog Group, and chair, Leapfrog expert clinical advisory committee, 1999 to present

Strategic advisor on adoption of higher value health care innovations, Boeing, Lowe's stores, Walmart and multiple other large U.S. health care purchasers, 1998 to present

Speaker, meetings on health care efficiency improvement, health care value improvement, health care information technology, volume-outcome relationships, engineering applications in health care, alternative medicine, and federal health research priorities, National Academy of Medicine and National Academy of Engineering, 1998 to present

Reviewer, New England Journal of Medicine, Journal of the American Medical Association, Health Affairs, and multiple National Academy of Medicine reports, 1997 to present

Founding staff member and Medical Director, Purchaser Business Group on Health, the largest U.S. national health care purchasers coalition, 1988 to present

Consultation and Professional Activities: Previous

Advisory Board Member, California Governor's Precision Medicine Initiative, 2017 to 2020

Co-Chair, National Academy of Medicine, Advisory Group to GAO on Use of Clinical Registries to Improve Physician Performance, 2013 to 2015

Board Member, Institute for Healthcare Improvement, May 2012 to Dec 2022

Contributing Member, US Department of Health and Human Services (HHS) Multiple Chronic Conditions (MCC) Expert Steering Committee, 2011 to 2012

Workgroup Member, National Academy of Medicine/ National Academy of Engineering Initiative to Apply Systems Engineering to Health Care, 2010-2011

Board Member, ThedaCare Center for Healthcare Value, Appleton, 2009 to 2019

Chair, Planning Committee, National Academy of Medicine series on improving the efficiency of U.S. care delivery, 2009 to 2010

Member, Health economics advisory committee, White House Office of Health Reform, 2008 to 2010

Member, National Advisory Council, RWJF Aligning Forces for Quality Initiative, 2006 to 2015

Chair and co-founder (2001), Steering Committee for IHA California-wide Physician Group Pay-for-Performance Program, 2006 to 2014

Member, National Quality Forum, Ambulatory Care Measures Committee, 2005 to 2009

Advisor to the President of the United States, health care information technology policy, 2004

Board Member, National Partnership for Women and Families, 2004 to 2018

Board Member, AHRQ HCUP quality measures advisory board, 2004 to 2015

Commissioner, United States Congress Medicare Payment Advisory Commission (MedPAC), 2004 to 2010

Policy Advisory Committee Member, Rand ACOVE Study, 2003 to 2007

Expert Testimony, Federal Trade Commission, three hearings on competition in health care, 2003-2004

Expert Advisory Board, Harvard Partners Center for Information Technology Leadership, 2003

Founding Board Member, Bridges-to-Excellence national physician pay-for-performance program, 2003 to 2005

Co-founder and Medical and Scientific Director, Consumer-Purchaser Disclosure Project, 2001 to 2014

Member, National Advisory Council, RWJ/IHI Pursuing Perfection initiative, 2001 to 2005

Member, National Quality Forum Strategic Advisory Council and Measures Priority Workgroup, 2001 to 2005

Member, Performance Measures Coordinating Council, JCAHO/NCQA/AMA, 1999 to 2000

Member, Committee on Children's Health Insurance, National Academy of Medicine, National Academy of Sciences, 1998 to 1999

Founding Board Member, National Health Care Purchasing Initiative, 1997 to 2002

Founding Board Member, The Leapfrog Group, 1997-2007

Member, Medical Advisory Group, Foundation for Accountability (FACCT), 1996 to 2000

Board Member, The Medical Quality Commission, 1996 to 1998

Member, University of California Commission on the Future of Medical Education, 1996 to 1997

Member, NCQA Committees on Performance Measurement and Accreditation, 1995 to 2005

Trustee, San Francisco University High School, 1994 to 2000

Trustee, UCSF-Mount Zion Hospital, 1994 to 1999

Lead Consultant, ambulatory and inpatient care redesign, the Permanente Medical Group, 1994 to 1997

Editorial Board, Medical Outcomes and Guidelines, Faulkner & Gray, 1993 to 1998

Advisor, White House Health Care Reform Task Force, 1993

Member, Committee on Utilization Management, National Academy of Medicine, National Academy of Sciences, 1988 to 1990

Medical Director, Department of Defense CHAMPUS prepaid psychiatric quality monitoring project, May 1987 to 1993

Associate Clinical Professor, University of California at San Francisco, July 1986 to 2010

Editor, "Review Decisions," a bi-monthly utilization management case analysis published in Medical Utilization Review, McGraw-Hill Publications, April 1986 to 1990

Medical Director, National SuperPRO project, July 1985 to 1992

Member, California Chamber of Commerce Task Force on Preferred Provider Organizations and Utilization Review Programs, 1983

Assistant Clinical Professor, University of California at San Francisco, December 1980 to 1986

Chairman, Skilled Nursing Facility Subcommittee, California State Psychiatric Association, September 1976 to 1979

Consultant, Planning Task Force, California Conference of Local Mental Health Directors, September 1975 to December 1976

Consultant in clinical program evaluation, Rand Corporation, July 1974 to 1977

Scholarly Publications

A. Peer reviewed journal articles

1. Kaplan RM, Nikolov MC, Pfeffer J, **Milstein A**, Singer SJ; Employee preferences in health plan design: results from a national survey, *Health Affairs Scholar, doi:10.1093/haschl/qxag120, June 19, 2026*
2. Kim KM, Horváth-Puhó E, Narayan A, Wong V, Skipper N, Shah NR, Cohen E, Sorensen HT, **Milstein A**; Societal costs associated with mothers of children with major congenital anomalies: a population-based matched cohort study in Denmark. *BMJ Public Health. 2026;4:e003969, https://doi.org/10.1136/bmjph-2025-003969, June 9 2026*
3. Nerrise F, Schütz N, Zhao Q, Gould C, **Milstein A,** Schulman K, Henderson V W, Landay J, Li F, Lin FV, Adeli E; A framework of digital biomarkers for neurodegenerative diseases, *Nature Reviews Bioengineering, 2026/04/23, 10.1038/s44222-026-00433-7, April 23, 2026*
4. Patel MI, Voskanyan M, Agajanian H, Agajanian R, Podnos Y, **Milstein A;** A Lay Health Worker-Led Symptom Intervention and Acute Care Use in Older Adults With Cancer: A Randomized Clinical Trial. *JAMA, doi: 10.1001/jama.2025.23403, Feb 24 2026*
5. Haredasht FN, Goh E, Ravi V, Ashtari P, Jiang Y, Yuldashev N, Grolleau F, Gallo RJ, Shah A, Hur E, Chopra K, Jee O, Lee JJ, Rosengaus L, Giang L, Schulman K, Hom J, **Milstein A**, Ng AY, Chen JH; Right Patient, Right Specialist, Right Time: Retrieval Augmented Generation for Specialty Referral Routing, *AMIA Annu Symp Proc. 2025 May 22;2024:443-450. PMID: 41726438; PMCID: PMC12919621, Feb 14 2026*
6. Lescinsky H, Sahu M, Beauchamp M, Crosby S, Johnson E, McHugh TA, Scott JW, Schulman K, Thomson A, Weil M, Dieleman JL, **Milstein A;** Exploring State-Level Change in Health Care Value Over Three Decades in the United States, 1991–2020, *Health Services Research, https://doi.org/10.1111/1475-6773.70054 Oct 9 2025*
7. Grolleau F, Goh E, Ma SP, Masterson J, Ross T, **Milstein A,** Chen JH; Systematic Exploration of Hospital Cost Variability: A Conformal Prediction-Based Outlier Detection Method for Electronic Health Records. *AMIA Jt Summits Transl Sci Proc.,187-195. PMID: 40502259; PMCID: PMC12150741, Jun 10, 2025*
8. Pronovost PJ, Austin M, **Milstein A**; To Err Is Human: Failing to Reduce Overall Harm Is Inhumane, *American Journal of Medical Quality, DOI: 10.1097/JMQ.0000000000000250 July/August 2025*
9. Goh E, Bunning B, Khoong EC, Gallo RJ, **Milstein A**, Centola D, Chen JH; Physician clinical decision modification and bias assessment in a randomized controlled trial of AI assistance; *Communications Medicine 5, 59 (2025). https://doi.org/10.1038/s43856-025-00781-2, Mar 4 2025*
10. Zhenzhen Weng, **Milstein A,** Sanders, Lee, Yeung-Levy S et al; Artificial intelligence–powered 3D analysis of video-based caregiver-child interactions; *Science Advances, 11, eadp4422(2025). DOI:10.1126/sciadv.adp4422, Feb 2025*
11. Goh E, Gallo RJ, Strong E. **Milstein A**, Chen JH et al; GPT-4 assistance for improvement of physician performance on patient care tasks: a randomized controlled trial*; Nature Medicine, https://doi.org/10.1038/s41591-024-03456-y, Feb 5 2025*

12. Berwick DM, Batchlor E, Chokshi DA, Gabow P, Gilfillan R, Isasi F, **Milstein A,** Nichols LM; From Laggard To Leader: Why Health Care In The United States Is Failing, And How To Fix It; *Health Affairs https://doi.org/10.1377/hlthaff.2024.01007, January 22, 2025*
13. Dai W, Adeli E, Luo Z, Dash D, Lakshmikanth S, Durante Z, Tang P, Kaushal A, **Milstein A**, Li F, Schulman K; Developing ICU Clinical Behavioral Atlas Using Ambient Intelligence and Computer Vision; *January 21, 2025, NEJM AI 2025;2(2),DOI: 10.1056/AIoa2400590 VOL. 2 NO. 2*
14. Kim KM, Shah NR, **Milstein A**; Parenthood and Paychecks—The Gender Pay Gap in Medicine; *JAMA, doi:10.1001/jama.2024.22123 October 29, 2024*
15. Goh E, **Milstein A**, Chen JH et al; Large Language Model Influence on Diagnostic Reasoning: A Randomized Clinical Trial; *JAMA Netw Open, doi:10.1001/jamanetworkopen.2024.40969, Oct 28, 2024*
16. Callahan A, Orr-Ewing L, Dash D, Shah NR, **Milstein A,** Shah NH et al; Testing and Evaluation of Health Care Applications of Large Language Models: A Systematic Review; *JAMA, doi:10.1001/jama.2024.21700 October 15, 2024*
17. Patel MI, Agrawal M, Blayney DW, Bundorf MK, **Milstein A;** Long-Term Engagement of Patients With Advanced Cancer: Results From the EPAC Randomized Clinical Trial; *JAMA Oncol. 2024;10(7):905–911. doi:10.1001/jamaoncol.2024.1221 May 30, 2024*
18. Glassman J, Humphreys KL, Jauregui A, **Milstein A,** Sanders L; Evidence for Changes in Screen Use in the United States During Early Childhood Related to COVID-19 Pandemic Parent Stressors: Repeated Cross-Sectional Study, *JMIR Pediatr Parent. 2024 May 22;7:e43315. doi: 10.2196/43315. PMID: 38446995; PMCID: PMC11153974.* **C**
19. Kim, KM, **Milstein A** et al; Association between maternal employment status and presence of children with major congenital anomalies in Denmark. *BMC Public Health 24, 715 (2024). https://doi.org/10.1186/s12889-024-18190-w, Mar 6 2024*
20. Pi S, Masterson J, Ma SP, Corbin CK, **Milstein A**, Chen JH; Using Case Mix Index within Diagnosis-Related Groups to Evaluate Variation in Hospitalization Costs at a Large Academic Medical Center; *AMIA Annu Symp Proc. 2024 Jan 11;2023:1201-1208. PMID: 38222372; PMCID: PMC10785921*
21. Aklilu JG, Sun MW, Goel S, Bartoletti S, Rau A, Olsen G, Hung KS, Yeung-Levy S, Jopling J, **Milstein A** et al; Artificial Intelligence Identifies Factors Associated with Blood Loss and Surgical Experience in Cholecystectomy; *NEJM AI 2024;1(2) DOI: 10.1056/AIoa23000, January 25, 2024*
22. Teasdale B, Kucera K, Light D, Nailor J, Williams S, **Milstein A,** Schulman KA; Safety vs Price in the Generic Drug Market: Metformin; *Am J Manag Care. 2024;30(4):294-e301 October 31 2023*
23. Glassman JR, Jauregui A, **Milstein A,** Kaplan RM; Caring for People With Depression: Costs Among 43 Million Commercially Insured Patients With or Without Comorbid Illnesses; *Annals of Behavioral Medicine, 2023, kaac063, https://doi.org/10.1093/abm/kaac063*
24. Choudhry NK, Fifer S, Fontanet CP, Archer KR, Sears E, Bhatkhande G, Haff N, Ghazinouri R, Coronado RA, Schneider BJ, Butterworth SW, Deogun H, Cooper A, Hsu E, Block S, Davidson CA, Shackelford CE, Goyal P, **Milstein A** and the SPINE CARE Investigators; Effect of a Biopsychosocial Intervention or Postural Therapy on Disability and Health Care Spending Among Patients With Acute and Subacute Spine Pain The SPINE CARE Randomized Clinical Trial; *JAMA Dec 20 2022 doi:10.1001/jama.2022.22625*
25. Conner AL, Podtschaske BV, Mazza MC, Zionts DL, Malcolm EJ, Thomson CC, Singer SJ, **Milstein A**; Care teams misunderstand what most upsets patients about their care; *Healthcare, Volume 10, Issue 4, Dec 2022, 100657 https://doi.org/10.1016/j.hjdsi.2022.100657;* Link

26. Miner A.S., Fleming, S.L., Haque A, Fries JA, Althoff T, Wilfley DE, Agras WS, **Milstein A**, Hancock J, Asch SM, Stirman SW, Arnow BA, Shah NH; A computational approach to measure the linguistic characteristics of psychotherapy timing, responsiveness, and consistency; *npj Mental Health Res 1, 19 (2022). doi.org/10.1038/s44184-022-00020-9;* Link

27. Fifer S**,** Choudhry NK, Brod M, Hsu E, **Milstein A**; Improving adherence to guidelines for spine pain care: what tools could support primary care clinicians in conforming to guidelines?; *BMJ Open Quality 27 July 2022 doi:10.1136/bmjoq-2022-001868;* Link

28. Termglinchan V, Daswani S, Duangtaweesub P, Assavapokee T, **Milstein A,** Schulman K; Identifying solutions to meet unmet needs of family caregivers using human-centered design; *BMC Geriatrics, Feb 2, 2022 https://doi.org/10.1186/s12877-022-02790-5; Link*

29. Scheinker D, **Milstein A**, Schulman K; The Dysfunctional Health Benefits Market and Implications for US Employers and Employees, *JAMA Viewpoint, Jan 7, 2022, Link*

30. Shah, N. R., Kim, K. M., Wong, V., Cohen, E., Rosenbaum, S., Cahan, E. M., **Milstein, A.,** Sorensen, H. T., Horvath-Puho, E. Mothers of children with major congenital anomalies have increased health care utilization over a 20-year post-birth time horizon. *December 8, 2021, PLOS ONE https://doi.org/10.1371/journal.pone.0260962; Link*

31. Lu M, Zhao Q, Poston KL, Sullivan EV, Pfefferbaum A, Shahid M, Katz M, Kouhsari LM, Schulman K, **Milstein A;** Niebles JC, Henderson VW, Fei-Fei L, Poh KM, Adeli E. Quantifying Parkinson's disease motor severity under uncertainty using MDS-UPDRS videos. *Medical Image Analysis, Volume 73, October 2021 ISSN 1361-8415 https://doi.org/10.1016/j.media.2021.102179, Link*

32. Choudhry NK, Fontanet CP, Ghazinouri R, Fifer S, Archer KR, Haff N, Butterworth SW, Deogun H, Block S, Cooper A, Sears E, Goyal P, Coronado RA, Schneideri BJ, Hsu E, **Milstein A.** Design of the Spine Pain Intervention to Enhance Care Quality And Reduce Expenditure Trial (SPINE CARE) study: Methods and lessons from a multi-site pragmatic cluster randomized controlled trial. *October 17, 2021, Elsevier Science Direct https://doi.org/10.1016/j.cct.2021.106602; Link*

33. Xue J, Hinkle J, Reeves MG, Zheng LL, Natarajan V, Vyas S, Upreti R, Oliva M, Kaplan RS, **Milstein A**, Tabin G, Goldberg JL, Schulman K. A Cost Comparison of Cataract Surgeries in Three Countries — United States, India, and Nepal. *NEJM Catalyst, Sept 2021 https://doi.org/10.1056/CAT.21.0151; Link*

34. Wong V, Pham M, Godfrey K, **Milstein A.** Distilling innovative US autism care programs that address widely perceived unmet patient and family needs. *National Autistic Society, July 2, 2021https://doi.org/10.1177/1362361321102; Link*

35. Dieleman JL. Kaldjian AS, Sahu M, Chen C, Liu A, Chapin A, Scott KW, Aravkin S, Zheng P, Kokdad A, Murray CJL, Schulman KA, **Milstein A.** Estimating health care delivery system value for each US state and testing key associations. *Health Services Research, 2021; 1-11. May 24, 2021; Link*

36. Scheinker D, Richman BD, **Milstein A**, Schulman KA. Reducing administrative costs in US health care: Assessing single payer and its alternatives. *Health Services Research, Mar 31, 2021, Link*

37. Glassman J, Humphreys K, Yeung S, Smith M, Jauregui A, **Milstein A**, Sanders L. Parents' Perspectives on Using Artificial Intelligence to Reduce Technology Interference During Early Childhood: Cross-sectional Online Survey. *J Med Internet Res 2021;23(3):e19461, Link DOI: 10.2196/19461*

38. Wong V, Rosenbaum S, Sung W, Kaplan RM, Bott N, Platchek T, **Milstein A,** Shah NR. Caring for Caregivers: Bridging the Gap Between Family Caregiving Policy and Practice. *NEJM Catalyst, April 2021, https://doi.org/10.1056/CAT.20.057**8*****;*** *Link*

39. Kaplan RM**, Milstein A.** Influence of a COVID-19 Vaccine's Effectiveness and Safety Profile on Vaccination Acceptance. *Proceedings of the National Academy of Sciences of the US, Feb 22, 2021; https://doi.org/10.1073/pnas.2021726118*

40. Martinez-Martin N, Luo Z, Kaushal A, Adeli E, Haque A, Kelly SS, Wieten S, Cho MK, Mangus D, Fei-Fei L, Schulman K, **Milstein A.** Ethical issues in using ambient intelligence in health-care settings. *The Lancet, Digital Health, Dec 30, 2020; https://doi.org/10.1016/S2589-7500(20)30275-2*

41. Holmgren AJ, Downing NL, Bates DW, Shanafelt TD, **Milstein A**, Sharp CD, Cutler DM, Huckman RS, Shulman KA. Assessment of Electronic Health Record Use Between US and Non-US Health Systems. *JAMA Internal Med, Dec 14, 2020; https://doi.org/10.1001/jamainternmed.2020.7071*

42. Rochlin DH, Lee CM, Scheuter C, Platcheck T, Kaplan RM, **Milstein A.** Health Care is Failing the Most Vulnerable Patients-Three Underused Solutions. *Public Health Reports 00(0) 1-6, Sept 2020; DOI: 10. 1177/ 0033 3549 20954496*

43. Haque A, **Milstein A**, Fei-Fei L. Illuminating the dark spaces of healthcare with ambient intelligence. *Nature, Sept 10, 2020, Vol 585, p 193-2020, https://doi.org/10.1038/s41586-020-2669-y*

44. Singh A, Haque A, Alahi A, Yeung S, Guo M, Glassman JR, Bininati W, Platchek T, Fei-Fei L, **Milstein A.** Automatic detection of hand hygiene using computer vision technology. *AMIA July 26, 2020, Brief Communications, doi: 10.1093/jamia/ocaa115*

45. Rinaldo F, Altman M, Cannon K, Platchek T, Shah NR, Kaplan RM, **Milstein A**. Slowing AQW-Medicare Spending by Optimizing Late-Life Needs. *NEJM Catalyst-Innovations in Care Delivery, Vol.1 No.4, June 17, 2020. DOI: 10.1056/CAT.20.0290*

46. Miner AS, Haque A, Fries J, Fleming SL, Wilfley D, Wilson GT, **Milstein A**, Jurafsky D, Arnow BA, Agras WS, L Fei-Fei, Shah N. Assessing the accuracy of automatic speech recognition for psychotherapy. *Nature Digital Medicine. June 3, 2020. https://doi.org/10.1038/s41746-020-0285-8*

47. **Milstein A**, Topal EJ. Computer vision's potential to improve health care. *The Lancet, vol 395, p 1537, May 16, 2020, https://doi.org/10.1016/S0140-6736(20)31090-4*

48. Erhun F, Kaplan RS, Naryanan VG, Brayton K, Kalani M, Mazza MC, Nguyen C, Platchek T, Mistry B, Mann R, Kazi D, Pinnock C, Schulman KA, Xue J, Ballard D, Mack M, James B, Poulsen G, Punnen J, Shetty D, **Milstein A**. Are cost advantages from a modern Indian hospital transferable to the United States? *American Heart Journal, May 2020; https://doi.org/10.1016/j.ahj.2020.04.009*

49. Glassman JR, Hopkins, DSP, Bundorf MK, Kaplan RM, Ragavan MV, Glaserof A, **Milstein A.** Association Between HEDIS Performance & Primary Care Physician Age, Group Affiliation, Training, and Participation in ACA Exchanges. *Journal of General Internal Medicine, JGIM; DOI: 10.1007/s11606-020-05642-3; online: Jan 23, 2020*

50. Brady BM, Ragavan MV, Simon M, Chertow GM, **Milstein A.** Exploring Care Attributes of Nephrologists Ranking Favorably on Measures of Value. *https://doi.org/10.1681/ASN.2019030219; Clinical Research JASN, December 30, 2019*

51. Knight GM, Schulman K, **Milstein A**, Rea S, Malloy G, Khaliq U, Scheinker D. A Transparent, Mathematical Model to Evaluate Proposals for Healthcare Reform. *Health Management Policy and Innovation*, *December, 2019, Volume 4, Issue 3; Link*

52. Kaplan RM, Glassman JR, **Milstein A.** Effects of Mental Health on the Costs of Care for Chronic Illnesses. *Psychiatric Services 10.11, Nov 2019 Link*

53. Shah NH, **Milstein A**, Bagley SC. Making Machine Learning Models Clinically Useful. *JAMA August 8, 2019, JAMA. 2019;322(14):1351-1352. doi:10.1001/jama.2019.10306*

54. Scheuter C, Rochlin D, Lee CM, **Milstein A**, Kaplan RM. Cost impact of sobering centers on national health care spending in the United States. *TBM Original Research*, *May 22, 2019 Society of Behavioral Medicine, Link*

55. Schulman KA, **Milstein A.** The Implications of "Medicare for All" for US Hospitals. *ViewPoint, Health Policy, JAMA; May 9, 2019, Vol 321, No 17, Published Online: April 4, 2019. doi:10.1001/jama.2019.3134*

56. DeRienzo C, Barr M, Shah N, Milstein A. A Value Proposition for AI-Enabled Population Health Management. *HMPI-Health Management, Policy & Innovation, May 2019, Link*

57. Kaplan RM, **Milstein A**, Contributions of Health Care to Longevity: A Review of 4 Estimation Methods, *2019 Annals Fam Med[4] May/June 2019, Link*

58. Yeung S, Rinaldo F, Jopling J, Liu B, Mehra R, Downing NL, Guo M, Bianconi G, Alahi A, Campbell B, Deru K, Beninati W, Fei-Fei L, **Milstein A**. A Computer vision system for dep learning-based detection of patient mobilization activities in the ICU. *Nature International Journal of Science: Digital Medicine, March 1, 2019, Link*

59. Rochlin D, Lee CM, Scheuter C, **Milstein A**, Kaplan RM. Economic Benefit of "Modern" Nonemergency Medical Transportation That Utilizes Digital Transportation Networks. *March 2019, vol 109, No.3; AJPH Open Themed Research, Link*

60. Bott NT, Shecker CC, Yang D, Peters S, Brady B, Plowman S, Borson S, Leff B, Kaplan RM Platchek T, **Milstein A.** Systems Delivery Innovation for Alzheimer Disease. *Am J Geriatr Psychiatry* 27:2*; Feb 2019 pp149-161, Link*

61. Gradus JL, Horvath-Puho E, Lash TL, Ehrenstein V, Tamag S, Adler NE, **Milstein A**, Glymour MM, Henderson VW, Sorensen HT. Stress Disorders and Dementia in the Danish Population. *December 20, 2018, American Journal of Epidemiology, Vol 188, No. 3 doi: 10.1093/aje/kwy269*

62. Patel M, Moore D, Bhattacharya J, **Milstein A**, Coker T. Perspectives of Health Care Payer Organizations on Cancer Care Delivery Redesign: A National Study. *Nov 16, 2018, 2018 American Society of Clinical Oncology, Journal of Oncology Practice, jop.ascopubs.org*

63. Brady BM, Zhao B, Niu J, Winkelmayer WC, **Milstein A**, Chertow GM, Erickson KF. Patient-Reported Experiences of Dialysis Care Within a National Pay-for-Performance System. *JAMA Intern Med. Sept. 10, 2018. doi:10.1001/jamainternmed.2018.3756*

64. Cohen E, Horváth-Puhó E, Ray JG, Pedersen L, Ehrenstein V, Adler N, Vigod S, **Milstein A**, Sørensen HT. Cardiovascular disease among women who gave birth to an infant with a major congenital anomaly. *Jama Network Open*, *doi: 10.1001/jamanetworkopen.2018.2320; Aug 10, 2018*

65. Patel M, Sundaram V, Desai M, Periyakoil V, Kahn JS, Bhattacharya J , Asch S, **Milstein A**, Bundorf K. Effect of a Lay Health Worker Intervention on Goals-of Care Documentation and on Health Care Use, Costs, and Satisfaction Among Patients With Cancer. *JAMA-Oncology_2018 doi: 10.1001/jamaoncol.2018.2446; July 26, 2018*

66. Yeung S, Downing NL, Li F, **Milstein A.** Bedside Computer Vision-Moving Artificial Intelligence from Driver Assistance to Patient Safety. *New England Journal of Medicine, April 5, 2018, 378:1271-1273; DOI: 10.1056/NEJMp1716891*

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