Amol S. Navathe, MD, PhD

Summary

Amol Navathe, MD, PhD, is a practicing physician, health care policy and delivery expert, and entrepreneur with a distinguished background in policy research, federal policy service, and healthcare technology. He is an Associate Professor of Health Policy and Medicine and a Senior Fellow at the Leonard Davis Institute for Health Economics at the University of Pennsylvania. He serves as the Vice Chairman and Commissioner of the Medicare Payment Advisory Commission (MedPAC), a nonpartisan agency that advises the US Congress and the Centers for Medicare and Medicare on Medicare policy. He is also a co-founder of Embedded Healthcare (now Clarify Health), a health care technology company that brings behavioral economics solutions to improving affordability and quality.

He is a leading expert on behavioral economics, alternative payment models such as bundled payments, and is one of the key architects of the nation's comparative effectiveness research strategy. His work on advanced health data analytics and technology to improve healthcare delivery has been implemented at numerous large health systems. In addition to coverage by numerous leading journals such as *The New England Journal of Medicine, The Journal of the American Medical Association, and Health Affairs,* and media outlets such as *The New York Times* and *Vox,* Dr. Navathe's work led to the founding of *Health Care: The Journal of Delivery Science and Innovation.*

As a practicing physician, Dr. Navathe has a personal view of the complexities of health care financing and the resulting hardships. Dr. Navathe is dedicated to transforming health care delivery for his patients, who provide him with great inspiration. He hopes his work will improve their lives and the lives of Americans nationwide.

Address:	Department of Medical Ethics and Health Policy
	University of Pennsylvania
	11th Fl, Blockley Hall
	Philadelphia, PA 19104 USA

If you are not a U.S. citizen or holder of a permanent visa, please indicate the type of visa you have: none (U.S. citizen)

Education:

2001	B.S.	Stanford University, Magna Cum Laude (Electrical
		Engineering & Economic Systems)
2008	Ph.D.	The Wharton School, University of Pennsylvania (Health Care
		Management and Economics)
2010	M.D.	University of Pennsylvania, Perelman School of Medicine

Postgraduate Training and Fellowship Appointments:2003-2010Medical Scientist Training Program (MSTP) Fellow, National

	2005 2007 2010-2013 2011-2014 2011-2012 2012-2014	Institutes of Health (NIH) National Research Service Award (NRSA) Fellow, Agency for Healthcare Research and Quality (AHRQ) Public Health Systems Scholar, AcademyHealth Adjunct Senior Fellow, Leonard Davis Institute of Health Economics (LDI), The Wharton School at The University of Pennsylvania Clinical Fellow, Department of Population Medicine, Harvard Medical School Intern, Internal Medicine, Brigham and Women's Hospital and Harvard Vanguard Medical Associates Resident Physician, Brigham & Women's Hospital and Harvard Vanguard Medical Associates
Military Service:		
	[none]	
Faculty Appointr		A second state Des formers of Martine 1 Edition and Har 141, Dations
	2022-present	Associate Professor of Medical Ethics and Health Policy, Perelman School of Medicine, University of Pennsylvania
	2022-present	Associate Professor and Core Investigator, Center for Health Equity Research and Promotion (CHERP), Michael J. Cresencz Philadelphia VA Medical Center
	2022-present	Secondary Appointment, Associate Professor, Healthcare Management and Economics, The Wharton School
	2015-2022	Assistant Professor of Medical Ethics and Health Policy, Perelman School of Medicine, University of Pennsylvania
	2015-2022	Assistant Professor and Core Investigator, Center for Health Equity Research and Promotion (CHERP), Michael J. Cresencz Philadelphia VA Medical Center
	2015-2022	Assistant Professor of Medicine, Perelman School of Medicine, University of Pennsylvania (Secondary)
	2014-2015	Adjunct Assistant Professor of Medical Ethics and Health Policy, Perelman School of Medicine, University of Pennsylvania
Hospital and/or A	Administrative Appoint	ments:
· · · · · · · ·	2014-present	Staff Physician, Michael J. Cresencz Philadelphia VA Medical
		Center
	2017-present	Associate Director, Center for Health Incentives and Behavioral Economics (CHIBE)
	2018-present	Co-Director, Healthcare Transformation Institute

Other Appointments:

2001	Business Development Analyst, PIXM, Inc. (digital imaging
	start-up), Mountain View, CA

2002-2003	Consultant, McKinsey and Company, Palo Alto, CA
2008	Regional Dissemination Team Coordinator, The Obama
	Campaign, Health Policy Advisory Committee
2008	Fellow, The White House, Council of Economic Advisors
	(CEA), Washington, D.C.
2009-2011	Medical Officer and Senior Program Manager, Comparative
2007 2011	Effectiveness Portfolio, Office of the Secretary, Department of
	Health and Human Services (DHHS), Washington, D.C.
2012-2013	Project Director and Co-PI, High-Risk Patient Management,
2012 2013	BWH and Partners Healthcare, Inc., Boston, MA
2012-present	Founding Director, Foundation for Healthcare Innovation,
2012-present	Washington, DC
2013-2017	Moderator, Global Health Delivery Online (GHDOnline)
2013-2017	•
	Innovating Health Delivery Community, Brigham and
2012 2015	Women's Hospital, Boston, MA
2013-2015	Managing Director, Healthcare Value Transformation,
	Navigant
2015-present	Senior Fellow, Leonard Davis Institute of Health Economics
2019-2022	Commissioner, Medicare Payment Advisory Commission
	(MedPAC), non-partisan federal agency advising US Congress,
	Washington, DC
2022-present	Vice Chair and Commissioner, Medicare Payment Advisory
	Commission (MedPAC), non-partisan federal agency advising
	US Congress, Washington, DC
Specialty Certification:	
2014	American Board of Internal Medicine
Licensure:	
2014-Present	Pennsylvania State Medical Board
Awards, Honors and Membership in	
Awarus, nonois and Membership in	Honorary Societies:
Awards, Honors and Membership in 1996	<u>Honorary Societies:</u> Research Science Institute - selected as one of top 50 math and
	
	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully
	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully paid program at the Massachusetts Institute of Technology
1996	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully paid program at the Massachusetts Institute of Technology (MIT)
	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully paid program at the Massachusetts Institute of Technology (MIT) Letters of Recognition from Governor Zell Miller and Sen. Paul
1996	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully paid program at the Massachusetts Institute of Technology (MIT) Letters of Recognition from Governor Zell Miller and Sen. Paul Coverdell for academic achievement
1996 1997 2000	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully paid program at the Massachusetts Institute of Technology (MIT) Letters of Recognition from Governor Zell Miller and Sen. Paul Coverdell for academic achievement Omicron Delta Epsilon, Economics Honor Society
1996 1997 2000 2001	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully paid program at the Massachusetts Institute of Technology (MIT) Letters of Recognition from Governor Zell Miller and Sen. Paul Coverdell for academic achievement Omicron Delta Epsilon, Economics Honor Society Tau Beta Pi, Engineering Honor Society
1996 1997 2000 2001 2001	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully paid program at the Massachusetts Institute of Technology (MIT) Letters of Recognition from Governor Zell Miller and Sen. Paul Coverdell for academic achievement Omicron Delta Epsilon, Economics Honor Society Tau Beta Pi, Engineering Honor Society Mayfield Fellow, Stanford University
1996 1997 2000 2001	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully paid program at the Massachusetts Institute of Technology (MIT) Letters of Recognition from Governor Zell Miller and Sen. Paul Coverdell for academic achievement Omicron Delta Epsilon, Economics Honor Society Tau Beta Pi, Engineering Honor Society Mayfield Fellow, Stanford University Outstanding Student Abstract Panel (one of four students),
1996 1997 2000 2001 2001 2001 2007	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully paid program at the Massachusetts Institute of Technology (MIT) Letters of Recognition from Governor Zell Miller and Sen. Paul Coverdell for academic achievement Omicron Delta Epsilon, Economics Honor Society Tau Beta Pi, Engineering Honor Society Mayfield Fellow, Stanford University Outstanding Student Abstract Panel (one of four students), AcademyHealth Annual Research Meeting (ARM)
1996 1997 2000 2001 2001	Research Science Institute - selected as one of top 50 math and science high school students in United States to attend fully paid program at the Massachusetts Institute of Technology (MIT) Letters of Recognition from Governor Zell Miller and Sen. Paul Coverdell for academic achievement Omicron Delta Epsilon, Economics Honor Society Tau Beta Pi, Engineering Honor Society Mayfield Fellow, Stanford University Outstanding Student Abstract Panel (one of four students),

	Orlando, FL
2007	Mack Lipkin Award finalist (14 of 668 submissions) - given to
	best junior abstracts at the Society of General Internal Medicine
	(SGIM) Annual Meeting, Toronto, Canada
2007	Holmes Award in Evaluative Research (best resident/student
	paper), University of Pennsylvania Health System Division of
	General Internal Medicine Research Day
2009	University of Pennsylvania School of Medicine Research Paper
	Prize, Philadelphia, PA
2010	Leonard Davis Institute of Health Economics Prize,
	Philadelphia, PA
2012	The Daniel Ford Award for Achievement in Health Services
	and Outcomes Research, Johns Hopkins University, Baltimore,
	MD
2016	Milton W. Hamolsky Junior Faculty Scientific Abstract Award
	Panel, Society of General Internal Medicine (SGIM) Annual
	Meeting, Hollywood, FL
2016	Best of ARM Research Abstract in Social Determinants of
	Health theme, AcademyHealth Annual Research Meeting
	(ARM), Boston, MA
2017	Milton W. Hamolsky Junior Faculty Scientific Abstract Award
	Panel, Society of General Internal Medicine (SGIM) Annual
	Meeting, Washington, DC
	Milton W. Hamolsky Junior Faculty Scientific Abstract Award
2018	Panel, Society of General Internal Medicine (SGIM) Annual
	Meeting. Denver, CO
2018	AcademyHealth Annual Research Meeting 2018 Payment and
	Delivery Transformation Theme Co-Leader
2018	Best Abstract Award in Healthcare Delivery Innovation theme,
	AcademyHealth Annual Research Meeting (ARM). Cited for
	First Study to Apply Behavioral Economics to Physician P4P
	Programs. Seattle, WA
2020	NIHCM Foundation 26th Annual Health Care Research Award
	Finalist
2020	AcademyHealth Annual Research Meeting 2021 Medicare
2022	Theme Co-Leader
2022	AcademyHealth Annual Research Meeting 2022 Medicare
	Theme Co-Leader

Memberships in Professional and Scientific Societies and Other Professional Activities: International: 2006-Present International Health Economics Association (iHEA) (Member)

2018-2022 Singapore Ministry of Health (Senior Fellow and Expert Advisor on Polychronic Capitation Model)

2019-2022	National Bundled Payments Program, Social Security Program, France (External Advisor)
2019-2020	Ontario Hospital Association (Expert Advisor on Bundled Payments, Health Financing, and Behavioral Economics)
2022-Present	Singapore Ministry of Health and the Ministry Office of Health Transformation (External Advisor)
<u>National:</u> 2005-Present	AcademyHealth (Member)
2006-Present	American College of Physicians (ACP) (Member)
2006-2010	American Medical Students Association (AMSA) (Member)
2006-Present	American Society of Health Economists (ASHE) (Member)
2006-Present	Society of General Internal Medicine (SGIM) (Member)
2011-2013	Multi-Player Claims Database, collaborative between Department of Health and Human Services and OptumInsight, Washington, D.C. (Board Member)
2013-2016	CareMessage.com, San Francisco, CA (Advisory Board Member)
2018-Present	Integrated Services, Inc., Honolulu, HI (Board Member - uncompensated)
2022-Present	AcademyHealth (Nominating Committee)
2022-Present	Clarify Health (Advisor and Board Observer)
Local: 2006-Present	William Pepper Medical Society (Internal Medicine) (Member)

Editorial Positions:

2012-Present	Founding Co-Editor-in-Chief, Health Care: the Journal of Delivery
	Science and Innovation
2015-Present	Reviewer, NEJM
2017-Present	Reviewer, Journal of General Internal Medicine
2017-Present	Reviewer, Health Affairs
2017-Present	Reviewer, Health Services Research
2017-Present	Reviewer, JAMA Internal Medicine
2017-Present	Reviewer, JAMA
2017-Present	Reviewer, Annals of Internal Medicine
2020-Present	Editorial Board Member, Health Services Research Journal

Academic and Institutional Committees: 2003-2010 Memb

2003-2010	Member, University of Pennsylvania School of Medicine Curriculum Committee
2003-2015	Founder, Healthcare Policy and Systems Group at University of Pennsylvania School of Medicine
2015-Present	Member, Division of Health Policy Faculty Recruiting Committee
2016-Present	Member, Veterans Affairs High-Risk Patient Aligned Care Teams National Workgroup
2017-Present	Member, Primary Care Service Line Research Committee, University of Pennsylvania Health System
Major Academic and Clinical Te	aching Responsibilities:
2014-2017	Section leader for University of Pennsylvania Medical Health Care Systems MOD 320
2015-Present	Research mentor and PhD Committee for Amelia Bond, currently Assistant Professor at Weill College of Medicine, Cornell University
2015-Present	Attending Physician, Teaching Service, Medicine, Philadelphia VAMC/8 weeks/yr
2015-2017	Research mentor for Joshua Liao, MD, MHP, Penn DGIM Fellow, currently Assistant Professor of Medicine at University of Washington
2015-2018	Primary research mentor for Alex Bain, MD, currently a Resident at Weill College of Medicine, Cornell University
2015-2022	Course Director, Evaluating Health Policies and Programs, Core course, University of Pennsylvania Master's in Healthcare Innovation (online)
2015	"Behavioral economics and provider incentives," Center for Health Incentives and Behavioral Economics (CHIBE) Retreat, Cape May, NJ. Oct 2015
2015	"Behavioral economics and provider incentives," Robert Wood Johnson/CHIBE Symposium, Philadelphia, PA, Dec 2015
2016-2017	Research mentor for Siya Bhatt, Master's degree student in the Department of Medical Ethics & Health Policy, working on the Capstone project
2016	"Big Data and Health Informatics," Wharton e-Health MBA Course, Oct 2016
2016	"Updates in Health Policy," Penn Med medX Group Lecture Series, Philadelphia, PA, Oct 2016
2016	"Overview of US Healthcare Delivery," Janssen Pharmaceuticals Wharton Visit, Nov 2016
2016	"Physician Payments," Lecture in Dan Polsky's Wharton Undergrad Health Economics Course, Nov 2016
2016	"Natural Language Process Applied to Health Services Research," Wharton Health Economics PhD Course, Nov 2016
2016-Present	Research mentor, co-advisor for PhD thesis, and PhD Committee

	member for Joseph Martinez, MD, PhD candidate
2016	"Shifting Physician Behavior Toward Better Care Using Behavioral
	Economics," UPHS Center for Innovation, Philadelphia, PA,
	December 2016
2016	"Shifting Physician Behavior Toward Better Care Using Behavioral
	Economics," Department of Medical Ethics and Health Policy
	External Advisory Board Meeting, Philadelphia, PA, May 2016
2016	"Financing of Healthcare Delivery," National Clinical Scholars
	Program, Philadelphia, PA, July 2016
2016	Primary research mentor for Alejandro Borgonovo, 2016 Summer
	Undergraduate Minority Research (SUMR) scholar.
2017-2020	Research mentor and PhD Committee member for Sarah Dykstra
2017 2020	(PhD April 2020)
2017-2022	Primary research mentor for Robin Wang, 2017 Summer
2017 2022	Undergraduate Minority Research (SUMR) scholar, currently a
	medical student at the University of Pennsylvania Perelman School of
	Medicine
	Wedenie
2017-2021	Research mentor for Ulysses (Ace) Isidro, PSOM student, 2017
2017 2021	Summer Undergraduate Minority Research Program (SUMR)
	student. ACE has discussed our research during poster presentations
	at meetings for Society of General Internal Medicine, National
	Student Research Forum (2nd place Poster Presentation - Public
	Health Category), AcademyHealth, and American College of
	Physicians PA Chapter SE Region (1st place Poster Competition in
	Research Category); and as an abstract and oral presentation at New
	England Science Symposium
2017-2018	Primary research mentor for Yash Shah, former Penn Undergraduate,
2017 2010	currently Resident Physician at Icahn School of Medicine at Mount
	Sinai
2017-2019	Research mentor for Koushal Rao, Penn undergraduate
2017-2019	Research mentor for Shivani Prakash, University of Pennsylvania
2017-2019	undergraduate student
2017	"Physician Payment Models," guest lecturer in Ashley Swanson's and
2017	John Kimberly's Health Care Management and Strategy (HCMG 213)
	Wharton class, Sep 13, 2017
2017	"Predicting the Future: Transforming Big Data into Smarter Care,"
2017	
	Leonard Davis Institute 50th Anniversary Symposium panel, October
2017 2010	5, 2017 Research monton for Claim Dink, MDE Student
2017-2019	Research mentor for Claire Dinh, MBE Student
2017-2019	Research mentor for Jessica Dong, graduate student in the Health
2017 2010	Care Management Department of the Wharton School
2017-2019	Research mentor for Michael Harhay, MPH, PhD, Fellow in the
	Center for Health Incentives and Behavioral Economics Research,
	currently Assistant Professor in the Department of Epidemiology and
	Biostatistics

2017-2020	Research mentor for Josh Rolnick, MD, JD, National Clinical
	Scholar, currently a Medical Director for Veterans Affairs
2017-2019	Primary research mentor for Rebecca Anastos-Wallen, former MD
	candidate, currently a resident physician at UPenn Health System
2017-2019	Primary research mentor for Amrita Sehgal, former MBA candidate,
	currently a Business Development Manager at Clarify, Inc.
2017	"Applications of Behavioral Economics to Physicians," CHIBE
	Roybal Retreat, October 13, 2017
2017-Present	Research mentor for Ravi Parikh, MD, Assistant Professor in Health
	Policy and Hematology/Oncology. Mentored from resident to fellow
	to faculty status
2017-2019	Secondary research mentor for Ashwin Nathan, Cardiology Fellow
2017	"ACOs, Bundled Payments and Post-Acute Care," Leonard Davis
	Institute External Advisory Board Meeting, Philadelphia, PA, April
	2017
2017	"Financing of Healthcare Delivery," National Clinical Scholars
	Program, Philadelphia, PA, July 2017
2018	"The Impact of Bundled Payments on the Cost and Quality of Care,"
	LDI/SOM Health Services Research Seminar Series, May 16, 2018
2018-Present	Research mentor for Eric Shan, 2018 Summer Undergraduate
	Minority Research Program (SUMR)
2018	"Predicting Undetected Sepsis," Department of Emergency Medicine
	Research in Progress, June 20, 2018
2018-2022	Research mentor for Jack Huang, MD student
2018-Present	Teaching Faculty, Health Care Reform and the Future of the
	American Health Care System
2018-Present	Research mentor for Daniel Herman, MD, PhD, Assistant Professor
	of Pathology and Laboratory Medicine and Director, Endocrine
	Laboratory at PSOM, including former mentor for Dr. Herman's
	recently awarded Doris Duke Career Development award
2018	"Behavioral Economics and Provider Payment," HP/CHIBE/CHCI
	Interns and Students, July 2018
2018	"Bundled Payment as Major Alternative Payment Model," guest
	lecturer in Rob Burns' Intro to US Healthcare system course,
	September, 2018
2018	"The Financing of Healthcare Delivery", National Clinical Scholars
	Program, Philadelphia, PA 2018
2019	"Bundled Payments and Accountable Care Organizations," guest
	lecturer in HCMG845: Managed Care and Industrial Organization of
	Health Care, February 2019
2019	"Behavioral Economics and Provider Payment," HP/CHIBE Intern
	Seminar, August 22, 2019
2019	"The Financing of Healthcare Delivery", National Clinical Scholars
	Program, Philadelphia, PA 2019
2020	"Bias in Clinical Risk Prediction Algorithms," guest lecturer EHR
	STAT Method Working Group, February 20, 2020

G 845:
February
or for
adelphia,
e
ladelphia,
laucipilia,
Scholars
Scholars
Care?"
nar
liui
oard
oura
icare's
seminar,
)
al student
mergency
0 5
ation
Scholars

Lectures by Invitation (Last 5 years):

Mar, 2017	"ACOs, Bundled Payments and Post-Acute Care," Independence
	Blue Cross, Philadelphia, PA
Apr, 2017	"Do Changes in Post-acute Care Use at Hospitals Participating in an Accountable Care Organization Spillover to All Medicare
	Beneficiaries?" Society of General Internal Medicine (SGIM),
	Washington, DC
Apr, 2017	"Real-time feedback in Pay-for-Performance: Does more information
	lead to improvement?" Society of General Internal Medicine (SGIM),
	Washington, DC
Jun, 2017	Real-time feedback in Pay-for-Performance: Does more information
	lead to improvement? AcademyHealth, New Orleans, LA
Jun, 2017	"Do Changes in Post-acute Care Use at Hospitals Participating in an Accountable Care Organization Spillover to All Medicare

	Beneficiaries?" AcademyHealth, New Orleans, LA
Oct, 2017	"Innovation in Bundled Payments," Cleveland Clinic 2017 Advanced
	Payment Summit, Cleveland, OH
Oct, 2017	"Population Health ACOs," Cleveland Clinic 2017 Advanced
	Payment Summit, Cleveland, OH
Feb, 2018	"Practicing Oncology in the Era of Value Based Care," Quality
	Cancer Care Alliance Winter Leadership Summit Keynote, Las
	Vegas, NV
Feb, 2018	"Value Based Care Panel," Quality Cancer Care Alliance Winter
	Leadership Summit, Las Vegas, NV
Apr, 2018	"Review of Medicare Episode-Based Payment Programs on
-	Mandatory vs. Voluntary Bundled Payments," Government
	Accountability Office (GAO) Briefing, Philadelphia, PA
Apr, 2018	"A Pragmatic Policy Trial Testing Larger Bonus Sizes and the
-	Behavioral Economic Principles Loss Aversion and Social Pressure
	in Physician Pay-for-Performance," Society of General Internal
	Medicine (SGIM) Annual Meeting, Denver, CO
Apr, 2018	"Volume Responses and Patient Selection in Voluntary Bundled
1 /	Payment" abstract oral presentation. Society of General Internal
	Medicine (SGIM) Annual Meeting, Denver, CO.
Jun, 2018	"Volume Response and Patient Selection in Voluntary Bundled
,	Payment," AcademyHealth Annual Research Meeting, Seattle, WA
Jun, 2018	"Effects of Major Joint Replacement Bundled Payments on Medicare
,	and Commercial Post-Discharge Spending," Discussant, American
	Society of Health Economists annual conference, Atlanta, GA
Jun, 2018	"A Pragmatic Policy Trial Testing the Behavioral Economic
,	Principles Loss Framing, Loss Aversion, and Social Pressure in
	Physician Pay-for-Performance," American Society of Health
	Economists Annual Conference, Atlanta, GA
Jun, 2018	"Transforming Primary Care Payment in Hawaii: A Policy Trial,"
,	poster presentation, AcademyHealth Research Meeting, Seattle, WA
Jun, 2018	"Publish or Perish: Meet the Editors Part 1," panelist,
	AcademyHealth Research Meeting, Seattle, WA
Jun, 2018	"A Pragmatic Policy Trial Testing Larger Bonus Sizes and the
,	Behavioral Economic Principles of Loss Aversion and Social
	Pressure in Physician Pay-for-Performance," AcademyHealth Annual
	Research Meeting, Seattle, WA
Aug, 2018	"Behavioral Economics and Health," Center for Medicare and
	Medicaid Innovation, Baltimore, MD
Sep, 2018	"Predicting Undetected Sepsis," Visiting Professor and Hospital
-	Grand Rounds at the Department of Healthcare Policy and Research,
	Weill Cornell Medical Center, New York City, NY
Oct, 2018	"Population Health: The Cornerstone of Value-Based Care," Panel
	Moderator, Cleveland Clinic's Advanced Payment Summit,

	Cleveland, OH
Oct, 2018	"The Future of Bundled Payments," Panel Moderator, Cleveland
	Clinic's Advanced Payment Summit, Cleveland, OH
Oct, 2018	"The Impact of Bundled Payments on the Planning and Delivery of
	Post-Acute Care," Cleveland Clinic's Advanced Payment Summit,
	Cleveland, OH
May, 2019	"Effects of Financial Bonus Sizes, Loss Aversion, and Increased
	Social Pressure on Physician Pay-for-Performance: A Randomized
	Trial and Cohort Study", NIH Collaboratory, Duke University, via
May, 2019	Webex "Snonding and Quality often 2 Veens of Medicane's Veluntery
May, 2019	"Spending and Quality after 3 Years of Medicare's Voluntary Bundled Payments for Joint Replacement Surgery," Society of
	General Internal Medicine (SGIM) Annual Meeting, Washington, DC
May, 2019	"A Randomized Trial of Peer Comparison Feedback to Improve
Way, 2017	Guideline-based Primary Care," Society of General Internal Medicine
	(SGIM) Annual Meeting, Washington, DC
Jun, 2019	"A Randomized Trial of Peer Comparisons to Improve Guideline-
<i>cuii, 2019</i>	Based Clinical Practice in Primary Care," ASHEcon Annual Meeting,
	Washington, DC
Jun, 2019	"Spending and Quality After 3 Years of Medicare's Voluntary
)	Bundled Payments for Joint Replacement Surgery," AcademyHealth
	Annual Research Meeting, Washington, DC
Lun 2010	"Environ Effective Collaborations hatered Descentions of
Jun, 2019	"Forging Effective Collaborations between Researchers and Employers to Promote Healthcare Quality and Value," Panelist,
	AcademyHealth Annual Research Meeting, Washington, DC
Jun, 2019	"Publication of the Year - Effect of peer Comparison Letters for
Juli, 2017	High-Volume Primary Care Prescribers of Quetiapine in Older and
	Disabled Adults. A Randomized Cliical Trial," Panelist,
	AcademyHealth Annual Research Meeting, Washington, DC
Jun, 2019	"Publish or Perish: Meet the Editors Part Two," Panelist,
	AcademyHealth Annual Research Meeting, Washington, DC
Jun, 2019	"Quality and Spending Under the Population-Based Payments for
,	Primary Care (3PC) System in Hawaii," AcademyHealth Annual
	Research Meeting, Washington, DC
Jun, 2019	"The Impact of Overlap between Medicare's Voluntary Accountable
	Care Organizations and Bundled Payments on the Cost and Quality
	of Care," AcademyHealth Annual Research Meeting, Washington,
	DC
Sep, 2019	"Transforming Primary Care Payment," Speaker, National Institute of
_	Healthcare Management (NIHCM) Meeting, Washington, DC
Oct, 2019	"The Crisis of Scalability in Healthcare," Closing Keynote, Value-
	Based Innovation Summit Cleveland Clinic, Cleveland, OH
Nov, 2019	"Patient Selection and Bundled Payments," The Dartmouth Institute,
	Lebanon, NH

Jan, 2020	"Bundled Payments - Where Are We Now and Where Are We Going?" Data and Methods Hub Seminar, Institute for Healthcare Policy & Innovation, University of Michigan, Ann Arbor, MI
Jan, 2020	"Payment Model Interfaces," opening remarks, Duke-Margolis Center's Condition-based Payment Reform meeting, Washington, DC
Sep, 2020	"Racial Bias in a VA Algorithm for High-Risk Veterans", Complexity in Women Veterans Meeting, Philadelphia, PA
Oct, 2020	"Innovating Fee Schedules to Improve Health Care Value", Low Value Task Force Annual Meeting, Philadelphia, PA (virtual)
Dec, 2020	"Emerging Trends in Telemedicine", Elsevier Webinar Series, New York, NY (virtual)
Jan, 2021	"Selection and Causal Effects under Voluntary Programs: Evidence from Bundled Payments", Harvard School of Public Health Research Seminar (virtual)
Feb, 2021	"Bundled Payments - Current Evidence and the Path Forward", UCSF Medical Grand Rounds, San Francisco, CA (virtual)
Mar, 2021	"Reducing Racial and Ethnic Algorithmic Bias and Ensuring that VA Algorithms are Fair", VA Office of Health Equity Seminar (virtual)
Apr, 2021	"Improving Racial Equity in the Veterans Health Administration Care Assessment Needs Risk Score", SGIM Annual Meeting Presentation (virtual)
Apr, 2021	"Association between Physician Group Participation in Bundled Payments and Changes in Episode Outcomes", SGIM Annual Meeting Presentation (virtual)
Apr, 2021	"Value-based payments - evidence and path forward", Duke Margolis Center Seminar Series, Durham, NC (virtual)
May, 2021	"Value Based Payments - A Future for Maternity Care?", Society of Maternal Fetal Medicine (virtual)
Jun, 2021	"Strategic Priorities to Advance Medicaid Reform", CMMI (Center for Medicare & Medicaid Innovation) Geek Talk (virtual)
Jul, 2021	"Priorities in Advancing High Quality Value-Based Health & Health Care - CMMI catalyzing innovative health system transformation", National Academy of Medicine, Value Incentives & Systems Action Collaborative Summer 2021 Meeting and Webinar (virtual)
Aug, 2021	"Improving Health Care Outcomes & Supporting Providers in Value- Based Care", NIHCM Foundation (Virtual)
Sep, 2021	"Effect of Clinician Feedback on Opioid Prescribing in Acute Care Settings: A Cluster Randomized Clinical Trial," Health and Research Colloquium, Penn State University (Virtual)
Jan, 2022	"Addressing Health Inequities through Law and Policy Panel," Health Equity Summit hosted by the Hastings Center, Virtual
Feb, 2022	"Insights on the Transition to Value - Using Value-based Payment to Improve Health Equity," American Hospital Association, Virtual
Feb, 2022	"Telehealth: Current Evidence and the Path Forward," Presented to French Social Security Administration and Ministry of Health, Virtual

"What financial incentives, structures, and support are required to
recruit safety net provider participation in CMS Innovation Center
models?," Center for Medicare and Medicaid Innovation, Virtual
"Rethinking Value: Building Patient-Centric Payment Models," Yale
Healthcare Conference, Virtual
"Shifting Sands: Will location matter in care delivery?," Healthcare
Unbound Summit, Half Moon Bay, CA
"Payment and Organizational Challenges in Care of Patients with
ADRD, NIA/NASEM Mechanisms for Organizational Behavior
Change to Address the Needs of People Living with Alzheimer's
Disease and Related Dementias Workshop," Virtual, Washington, DC
"Good Faith Estimates for Health Care Prices". AcademyHealth
Annual Research Meeting, Washington, DC
"Aligning Value-Based Payment With Equity," Virtual, Los Angeles,
CA

Organizing Roles in Scientific Meetings:

2004	Organizer, The Langfitt Symposium on Health Policy: Drug Re-
	importation: Problem or Panacea? Invited panelists from Wharton
	Health Care Systems Department, Merck Pharmaceuticals,
	Consumer's Union, and the AARP
	University of Pennsylvania, Philadelphia, PA
Jun, 2016	Lead Organizer, "MACRO-economics," Press Briefing, National
	Press Club
	Washington, DC
NI 2016	
Nov, 2016	Co-Lead Organizer, Roundtable: Systems Thinking to Improve
	Healthcare Delivery
	Chicago, IL

Bibliography:

Research Publications, peer reviewed (print or other media):

- 1. Navathe AS, Harris JJ, Kotagal M, Parekh A, Bhatt J: Barack Obama's Plan for a Healthy America. <u>The Context Journal</u> 2, 2008.
- 2. Navathe AS, David G: The Formation of Peer Reputation among Physicians and its Effect on Technology Adoption. Journal of Human Capital 3(4): 289-322, 2009.
- Navathe AS, Conway PH: Optimizing Health Information Technology's Role in Enabling Comparative Effectiveness Research. <u>Am J Manag Care</u> 16(12 Suppl HIT): SP44-7, Dec 2010.
- 4. Navathe AS, Volpp KG, Konetzka RT, Press MJ, Zhu J, Chen W, Lindrooth RC: A Longitudinal Analysis of the Impact of Hospital Service Line Profitability on the Likelihood of Readmission. <u>Med Care Res Rev</u> 69(4): 414-31, Aug 2012 Notes:

doi: 10.1177/1077558712441085.

- Lindrooth RC, Konetzka RT, Navathe AS, Zhu J, Chen W, Volpp KG: The Impact of Profitability of Hospital Admissions on Mortality. <u>Health Services Research</u> 48(2 Pt 2): 792-809, Apr 2013 Notes: doi: 10.1111/1475-6773.12026.
- Navathe AS, Silber JH, Small DS, Rosen AK, Romano PS, Even-Shoshan O, Wang Y, Zhu J, Halenar MJ, Volpp KG: Teaching Hospital Financial Status and Patient Outcomes Following ACGME Duty Hour Reform. <u>Health Services Research</u> 48(2 Pt 1): 476-98, Apr 2013 Notes: doi: 10.1111/j.1475-6773.2012.01453.
- Navathe AS, Silber JH, Zhu J, Volpp KG: Does Admission to a Teaching Hospital Affect Acute Myocardial Infarction Survival? <u>Academic Medicine</u> 88(4): 475-82, Apr 2013 Notes: doi: 10.1097/ACM.0b013e3182858673.
- Press MJ, Scanlon DP, Ryan AM, Zhu J, Navathe AS, Mittler JN, Volpp KG: Limits of Readmission Rates In Measuring Hospital Quality Suggest the Need for Added Metrics. <u>Health Affairs</u> 32(6): 1083-91, Jun 2013 Notes: doi: 10.1377/hlthaff.2012.0518.
- Press MJ, Scanlon DP, Navathe AS, Zhu J, Chen W, Mittler JN, Volpp KG: The Importance of Clinical Severity in the Measurement of Hospital Readmission Rates for Medicare Beneficiaries, 1997-2007. <u>Med Care Res Rev</u> 70(6): 653-65, Dec 2013 Notes: doi: 10.1177/1077558713496167.
- Rodriguez F, Nathan AS, Navathe AS, Ghosh N, Shah PB: Serial Classic and Inverted Pattern Takotsubo Cardiomyopathy in a Middle-aged Woman. <u>Canad J</u> <u>Cardiol</u> 30(11): 1462.e7-9, 2014 Notes: doi: 10.1016/j.cjca.2014.04.002.
- Powers BW, Navathe AS, Jain SH: Medical Education's Authenticity Problem. <u>BMJ</u> 348: g2651, Apr 2014.
- 12. Byrd BF 3rd, Abraham TP, Buxton DB, Coletta AV, Cooper JH, Douglas PS, Gillam LD, Goldstein SA, Graf TR, Horton KD, Isenberg AA, Klein AL, Kreeger J, Martin RP, Nedza SM, Navathe AS, Pellikka PA, Picard MH, Pilotte JC, Ryan TJ, Rychik J, Sengupta PP, Thomas JD, Tucker L, Wallace W, Ward RP, Weissman NJ, Wiener DH, Woodruff S: A Summary of the American Society of Echocardiography Foundation Value-Based Healthcare: Summit 2014: The Role of Cardiovascular Ultrasound in the New Paradigm. J Am Soc Echocardiogr 28(7): 755-769, Jul 2015 Notes: doi: 10.1016/j.echo.2015.05.007.
- Zhou L, Baughman AW, Lei VJ, Lai KH, Navathe AS, Chang F, Sordo M, Topaz M, Zhong F, Murrali M, Navathe S, Rocha RA: Identifying Patients with Depression Using Free-text Clinical Documents. <u>Stud Health Technol Inform</u> 216: 629-633, 2015.

- 14. Liao JM, Navathe AS: Paying for Performance: Money, Motivation, and Uncertainty. Lancet 387(10022): 936-937, Mar 2016.
- Liao JM, Emanuel EJ, Navathe AS: Six Health Care Trends that Will Reshape the Patient-Provider Dynamic. <u>Healthcare (Amst)</u> 4(3): 148-150, Sep 2016 Notes: doi: 10.1016/j.hjdsi.2016.06.006.
- 16. Navathe AS, Sen AP, Rosenthal MB, Pearl RM, Ubel PA, Emanuel EJ, Volpp KG: New Strategies for Aligning Physicians with Health System Incentives. <u>Am J</u> <u>Manag Care</u> 22(9): 610-612, Sep 2016.
- Liao JM, Fleisher LA, Navathe AS: Increasing the Value of Social Comparisons of Physician Performance Using Norms. <u>JAMA</u> 316(11): 1151-1152, Sep 2016 Notes: doi: 10.1001/jama.2016.10094.
- Navathe AS, Emanuel EJ: Physician Peer Comparisons as a Nonfinancial Strategy to Improve the Value of Care. JAMA 316(17): 1759-1760, Nov 2016 Notes: doi: 10.1001/jama.2016.13739.
- Navathe AS, Troxel AB, Liao JM, Nan N, Zhu J, Zhong W, Emanuel EJ: Cost of Joint Replacement Using Bundled Payment Models. <u>JAMA Intern Med</u> 177(2): 214-222, Feb 2017 Notes: media: Wharton Radio, KHN, Politico, LDI Research Brief.media: Perspective in Orthopedics Today by Mike McCaslin https://tinyurl.com/ybms86xomedia: https://tinyurl.com/NYTimesBP92018doi: 10.1001/jamainternmed.2016.8263.
- Navathe AS, Zhong F, Lei VJ, Chang FY, Sordo M, Topaz M, Navathe SB, Rocha RA, Zhou L: Hospital Readmission and Social Risk Factors Identified from Physician Notes. <u>Health Services Research</u> Mar 2017 Notes: doi:10.1111/1475-6773.12670.
- Parikh RB, Schwartz JS, Navathe AS: Beyond Genes and Molecules-A Precision Delivery Initiative for Precision Medicine. <u>NEJM</u> 376(17): 1609-12, Apr 2017 Notes: doi: 10.1056/NEJMp1613224.
- Navathe AS, Song Z, Emanuel EJ: The Next Generation of Episode-Based Payments. <u>JAMA</u> 317(23): 2371-2, Jun 2017 Notes: doi: 10.1001/jama.2017.5902.
- 23. Liao JM, Schapira MS, Navathe AS, Mitra N, Weissman A, Asch DA: The Effect of Emphasizing Patient, Societal and Institutional Harms of Inappropriate Antibiotic Prescribing on Physician Support of Financial Penalties: A Randomized Trial. <u>Annals of Internal Medicine</u> 167(3): 215-16, Aug 2017 Notes: doi: 10.7326/L17-0102.
- 24. Liao J, Holdofski A, Whittington GL, Zucker M, Viroslav S, Fox DL, Navathe AS:

Baptist Health System: Succeeding in Bundled Payments Through Behavioral Principles. <u>Healthcare</u> 5(3): 136-140, Sep 2017 Notes: doi: 10.1016/j.hjdsi.2016.04.008; Epub May 19, 2016.

- 25. Marcotte L, Hodlofski A, Bond A, Patel P, Sacks L, Navathe AS: Into Practice: How Advocate Health System Uses Behavioral Economics to Motivate Physicians in its Incentive Program. <u>Healthcare</u> 5(3): 129-135, Sep 2017 Notes: doi: 10.1016/j.hjdsi.2016.04.011; Epub May 25, 2016.
- 26. Powers BW, Navathe AS, Chaguturu SR, Ferris TG, Torchiana DF: Aligning Incentives for Value: The Internal Performance Framework at Partners HealthCare. <u>Healthcare</u> 5(3): 141-149, Sep 2017 Notes: doi: 10.1016/j.hjdsi.2016.04.007Epub May 18, 2016.
- 27. Liao JM, Navathe AS, Schapira MM, Weissman A, Mitra N, Asch DA: When Reducing Low-Value Care in Hospital Medicine Saves Money, Who Benefits? <u>Journal of Hospital Medicine</u> 13(1): 45-48, Jan 2018 Notes: doi: 10.12788/jhm.2878; Epub Nov 22, 2017.
- 28. Liao JM, Navathe AS, Schapira MS, Mitra N, Weissman A, Asch DA: Penalizing Physicians for Low Value Care in Hospital Medicine: A Randomized Survey. <u>Journal of Hospital Medicine</u> 13(1): 412-44, Jan 2018 Notes: doi: 10.12788/jhm.2879; Epub Nov 22, 2017.
- 29. Liao JM, Hodlofski A, Moore R, Navathe AS: Partnership HealthPlan of California: Addressing opioid overuse with behavioral design principles. Healthcare (Amst) 6(1): 95-8, Mar 2018.
- 30. Navathe AS, Liao JM, Shah Y, Lyon Z, Chatterjee P, Polsky D, Emanuel EJ: Characteristics of Hospitals Earning Savings in the First Year of Mandatory Bundled Payment for Hip and Knee Surgery. JAMA 319(9): 930-2, Mar 2018 Notes: doi: 10.1001/jama.2018.0678;media: Knowledge@Wharton Radio interview April 2018; media: Knowledge@Wharton Weekend Edition article https://tinyurl.com/K-WBundle May 2018.
- 31. Parikh RB, Bekelman JE, Hodlofski A, Navathe AS, New Mexico Cancer Center: New Mexico Cancer Center and the COME HOME Model: Pathways improving the value of community-based cancer care. <u>Healthcare (Amst)</u> 6(1): 88-94, Mar 2018 Notes: doi: 10.1016/j.hjdsi.2017.11.001.
- 32. Powers BW, Mostashari F, Maxson E, Lynch K, Navathe AS: Engaging Small Independent Practices in Value-Based Payment: Building Aledade's Medicare ACOs. <u>Healthcare (Amst)</u> 6(1): 79-87, Mar 2018 Notes: Epub ahead of print Jun 2017DOI: 10.1016/j.hjdsi.2017.06.003.
- 33. Liao JM, Navathe AS, Chu D: Reframing the Value Proposition of Coronary

Artery Bypass Graft Bundles. JAMA Surgery 153(3): 199-200, Mar 2018 Notes: doi:10.1001/jamasurg.2017.4903.

- 34. Song Z, Navathe AS, Emanuel EJ, Volpp KG: Incorporating value into physician payment and patient cost sharing. <u>Am J Manag Care</u> 24(3): 126-8, Mar 2018.
- 35. Liao JM, Emanuel EJ, Whittington GL, Small DS, Troxel AB, Zhu J, Zhong W, Navathe AS: Physician Practice Variation Under Orthopedic Bundled Payment. <u>Am J Manag Care</u> 24(6): 287-93, Jun 2018.
- 36. Navathe AS, Bain AM, Werner RM: Do Changes in Post-acute Care Use at Hospitals Participating in an Accountable Care Organization Spillover to All Medicare Beneficiaries? Journal of General Internal Medicine 33(6): 831-8, Jun 2018 Notes: doi: 10.1007/s11606-018-4368-zEpub ahead of print Mar 2018.
- 37. Navathe AS, Liao JM, Polsky D, Shah Y, Huang Q, Zhu J, Lyon ZM, Wang R, Rolnick J, Martinez JR, Emanuel EJ: Comparison of Hospitals Participating in Medicare's Voluntary and Mandatory Orthopedic Bundle Programs. <u>Health Affairs</u>. Project HOPE, 37(6): 854-63, June 2018 Notes: doi: 10.1377/hlthaff.2017.1358;media: https://www.hcanews.com/news/penn-researchers-continue-to-beat-thedrum-for-bundled-payments (Healthcare Analytics News, 6/6/2018); media: https://tinyurl.com/MandatoryBPCIOrthoTodayJune18 (Orthopedics Today 6/11/2018).
- 38. Liao JM, Shea JA, Weissman A, Navathe AS: Physician Perspectives in Year 1 of MACRA and its Merit-Based Payment System: A National Survey. <u>Health Affairs (Project Hope)</u> 37(7): 1079-86, Jul 2018 Notes: https://doi.org/10.1377/hlthaff.2017.1485;media: https://tinyurl.com/FierceHC-Docs-and-MIPSmedia: https://tinyurl.com/UWDaily-Docs-and-MIPSmedia: <u>https://ldi.upenn.edu/healthpolicysense/physician-perspectives-towards-medicare-s-new-payment-program</u>.
- 39. Liao JM, Sommers BD, Navathe AS: Medicaid's Path to Value-Based Reform. <u>NEJM</u> 379(2): 105-8, Jul 2018 Notes: doi: 10.1056/NEJMp1801942.
- 40. Navathe AS, Liao JM, Dykstra SE, Wang E, Lyon ZM, Shah Y, Martinez J, Small DS, Werner RM, Dinh C, Ma X, Emanuel EJ: Association of Hospital Participation in a Medicare Bundled Payment Program with Volume and Case Mix of Lower Extremity Joint Replacement Episodes. <u>JAMA</u> 320(9): 901-10, Sep 2018 Notes: doi:10.1001/jama.2018.12345 Media: https://preview.tinyurl.com/Vox92018ACAunderTrumpBPworking

Media: https://tinyurl.com/OrthoTodayBPCIMarketLevelJRVol Media: https://tinyurl.com/NYTimesBP92018 Media: https://tinyurl.com/MedicalResearch-com9-9-18intvw.

- 41. Volpp, KG, Navathe AS, Oshima Lee E, Mugishii M, Troxel AB, Caldarella K, Hodlofski A, Bernheim S, Drye E, Yoshimoto J, Takata K, Stollar MB, Emanuel EJ: Redesigning Provider Payment: Opportunities and Challenges from the Hawaii Experience. <u>Healthcare</u>. Elsevier, 6(3): 168-174, Sep 2018 Notes: doi: 10.1016/j.hjdsi.2018.06.004;Epub ahead of print Jul 2018.
- Navathe AS, Emanuel EJ, Volpp KG: Aligning Patient and Physician Incentives. <u>JAMA</u> 320(16): 1635-6, Oct 2018 Notes: doi:10.1001/jama.2018.11245.
- 43. Liao JM, Chu D, Navathe AS: Succeeding in New Cardiac Bundles: Lessons from History, Directions for the Future. <u>Annals of Surgery</u> 268(6): 938-9, Dec 2018 Notes: doi: 10.1097/SLA.00000000002852.
- 44. Heisler M, Navathe AS, DeSalvo K, Volpp KGM: The Role of US Health Plans in Identifying and Addressing Social Determinants of Health: Rationale and Recommendations. <u>Population Health Management</u> Dec 2018 Notes: E-pub ahead of print doi: 10.1089/pop.2018.0173.
- Navathe AS, Emanuel EJ, Liao JM: Pitfalls and Potential in Medicare's Move Toward Outpatient Care Episodes. <u>Annals of Internal Medicine</u> 169(11): 802-3, Dec 2018 Notes: doi 10.7326/M18-2563 Epub ahead of print Nov 2018.
- 46. Parasher AK, Workman AD, Kidwai SM, Goljo E, Signore AD, Iloreta AM, Genden EM, Shrivastava R, Navathe AS, Govindaraj S: Costs in Pituitary Surgery: Racial, Socioeconomic, and Hospital Factors. J Neurol Surg B Skull Base 79(6): 522-7, Dec 2018 Notes: doi: 10.1055/s-0038-1635081; Epub ahead of print Mar 2018.
- 47. Liao JM, Emanuel EJ, Polsky DE, Huang Q, Shah Y, Zhu J, Lyon ZM, Dykstra SE, Dinh CT, Cousins DS, Navathe AS: National Representativeness of Hospitals and Markets in Medicare's Mandatory Bundled Payment Program. <u>Health Affairs</u> 38(1): 44-53, Jan 2019 Notes: doi: 10.1377/hlthaff.2018.05177.
- Liao JM, Navathe AS, Press MJ: Medicare's Approach to Paying for Services that Promote Coordinated Care Across the Continuum. <u>JAMA</u> 321(2): 147-8, Jan 2019 Notes: doi:10.1001/jama.2018.19315.
- 49. Navathe AS, Volpp KG, Caldarella KL, Bond A, Troxel AB, Zhu J,

Page 19

Matloubieh S, Lyon Z, Mishra A, Sacks L, Nelson C, Patel P, Shea J, Calcagno D, Vittore S, Sokol K, Weng K, McDowald N, Crawford P, Small D, Emanuel EJ: Effect of Financial Bonus Sizes, Loss Aversion, and Increased Social Pressure on Physician Pay-for-Performance: A Randomized Trial and Cohort Study. <u>JAMA Network Open</u> 2(2): e187950, Feb 2019 Notes: Media: interviewed for Burroughs Healthcare Consulting Network blog 2/11/2019Media: http://www.mdalert.com/news/article/in-physician-pay-for-performancelarger-bonuses-improve-care 2/13/2019.

- 50. Parikh RB, Obermeyer Z, Navathe AS: Regulation of Predictive Analytics in Medicine. <u>Science</u>. DOI: 10.1126/science.aaw0029Media: interviewed by Lee Hotz of Wall Street Journal 3/20/2019; K@WRadio interview 3/22/2019; 363(6429): 810-2, Feb 2019 Notes: Media: https://tinyurl.com/LDIRiseMachinesHealthcare 2/22/2019; https://tinyurl.com/RulesEvaluatingPredictiveAI Axios.com 2/21/2019; K@WWebsite: <u>https://tinyurl.com/ManVMachineBetterThanDr</u>.
- 51. Powers BW, Yan J, Zhu J, Linn KA, Jain SH, Kowalski JL, Navathe AS: Subgroups of High-Cost Medicare Advantage Patients: An Observational Study. Journal of General Internal Medicine 34(2): 218-25, Feb 2019 Notes: [Epub ahead of print] https://link.springer.com/article/10.1007/s11606-018-4759-1; doi: 10.1007/s11606-018-4759-1.
- 52. Yan J, Linn KA, Powers BW, Zhu J, Jain SH, Kowalski JL, Navathe AS: Applying Machine Learning Algorithms to Segment High-Cost Patient Populations. Journal of General Internal Medicine 34(2): 211-7, Feb 2019 Notes: doi: 10.1007/s11606-018-4760-8. Epub ahead of print; <u>https://link.springer.com/article/10.1007/s11606-018-4760-8</u>.
- 53. Fishman E, Barron J, Liu Y, Gautam S, Bekelman JE, Navathe AS, Fisch M, Nguyen A, Sylwestrzak G: Using Claims Data to Attribute Patients with Breast, Lung, or Colorectal Cancer to Prescribing Oncologists. <u>Pragmatic</u> <u>and Observational Research</u> 10: 15-22, Mar 2019 Notes: doi: 10.2147/POR.S197252.
- 54. Bain AM, Werner RM, Yuan Y, Navathe AS: Do Hospitals Participating in Accountable Care Organizations Discharge Patients to Higher Quality Nursing Homes? <u>Journal of Hospital Medicine</u> 14(5): 288-9, May 2019 Notes: e pub ahead of print Mar 2019. doi: 10.12788/jhm.3147.
- 55. Liao JM, Martinez JR, Shan EZ, Huang JJ, Dinh CT, Huang EQ, Navathe AS: Medicare's New Voluntary Bundled Payment Program: Episode Selection and Participant Characteristics. <u>Healthcare (Amst)</u> 7(2): 26-30, Jun 2019 Notes: epub ahead of print Apr 2019; doi: 10.1016/j.hjdsi.2019.04.002.

- 56. Dinh CT, Liao JM, Navathe AS: Implications of coding and risk-adjustment in primary care payment reform. Journal of Hospital Management and <u>Health Policy</u> 3, May 2019 Notes: doi: 10.21037/jhmhp.2019.05.02.
- 57. Isidro U, Martinez JR, Navathe AS: CMS program participation and policy evaluation without administrative data: a case study on Bundled Payments for Care Improvement (BPCI) initiative. <u>Journal of Hospital</u> <u>Management and Health Policy</u> 3: 16, Jul 2019 Notes: http://jhmhp.amegroups.com/article/view/5176/html. doi: 10.21037/jhmhp.2019.06.03.
- 58. Navathe AS, Emanuel EJ, Bond A, Linn K, Caldarella K, Troxel A, Zhu J, Yang L, Matloubieh SE, Drye E, Bernheim S, Oshima Lee E, Mugiishi M, Takata Endo K, Yoshimoto J, Yuen I, Okamura S, Stollar M, Tom J, Gold M, Volpp KG: Association Between the Implementation of a Population-Based Primary Care Payment System and Achievement on Quality Measures in Hawaii. JAMA 322(1): 57-68, Jul 2019 Notes: doi: 10.1001/jama.2019.8113. NIHCM Foundation 26th Annual Health Care Research Award finalistMedia: interview with John Tozzi of Bloomberg News Apr 2020.
- 59. Zhu J, Navathe AS, Yuan Y, Dykstra SE, Werner R: Medicare's Bundled Payment Did Not Change Skilled Nursing Discharge Patterns. <u>Am J</u> <u>Manag Care</u> 25(7): 329-34, Jul 2019.
- 60. Lei VJ, Kennedy EH, Luong TB, Chen X, Polsky DE, Volpp KG, Neuman MD, Holmes JH, Fleisher LA, Navathe AS: Model Performance Metrics in Assessing the Value of Adding Intraoperative Data for Death Prediction: Applications to Noncardiac Surgery. <u>Studies in Health</u> <u>Technology Informatics</u> 264: 223-7, Aug 2019 Notes: Proceedings of the International Informatics Association Conference MEDINFO. doi: 10.3233/SHTI190216.
- 61. Bond AM, Volpp KG, Emanuel EJ, Caldarella K, Hodlofski A, Sacks L, Patel P, Sokol K, Vittore S, Calgano D, Nelson C, Weng K, Troxel A, Navathe AS: Real-time feedback in Pay-for-Performance: Does more information lead to improvement? J Gen Intern Med 34(9): 1737-43, Sep 2019 Notes: doi: 10.1007/s11606-019-05004-8. Epub 2019 Apr 30.
- 62. Liao JM, Emanuel EJ, Venkataramani AS, Huang Q, Dinh CT, Shan E, Wang E, Zhu J, Cousins DS, Navathe AS: Association of Bundled Payments for Joint Replacement Surgery with Simultaneous Hospital Participation in Accountable Care Organizations. JAMA Network Open 2(9): e1912270, Sep 2019 Notes: doi: 10.1001/jamanetworkopen.2019.12270.

- 63. Liao JM, Shea JA, Weissman A, Navathe AS: US Trainee Perspectives on a National Pay-for-Performance Program. Journal of Hospital Management and Health Policy 3: 26, Sep 2019 Notes: doi: 10.21037/jhmhp.2019.08.05.
- 64. Parikh RB, Jain SH, **Navathe AS**: The Sociobehavioral Phenotype: Applying a Precision Medicine Framework to Social Determinants of Health. <u>Am J</u> <u>Manag Care</u>25(9): 421-3, Sep 2019:
- 65. Parikh R, Bekelman J, Huang Q, Martinez J, Emanuel E, Navathe AS: Characteristics of Physicians Participating in Medicare's Oncology Care Model Bundled Payment Program. <u>Journal of Oncology Practice</u> 15(10): e897-e905, Oct 2019 Notes: doi: 10.1200/JOP.19.00047. Epub 2019 Aug 8.
- 66. Parikh RB, Manz C, Chivers C, Regli SH, Braun J, Draugelis ME, Schuchter LM, Shulman LN, Navathe AS, Patel MS, O'Connor NR: Machine Learning Approaches to Predict 6-Month Mortality Among Patients With Cancer. <u>JAMA Network Open</u> 2(10): e1915997, Oct 2019 Notes: doi: 10.1001/jamanetworkopen.2019.15997.
- 67. Wynn-Jones W, Koehlmoos TP, Tompkins C, Navathe AS, Lipsitz S, Kwon NK, Learn PA, Madsen C, Schoenfeld A, Weissman JS: Variation in expenditure for common, high cost surgical procedures in a working age population: implications for reimbursement reform. <u>BMC Health</u> <u>Services Research</u> 19(1): 877, Nov 2019 Notes: doi: 10.1186/s12913-019-4729-2.
- 68. Parikh RP, Teeple S, Navathe AS: Addressing Bias in Artificial Intelligence in Health Care. <u>JAMA</u> 322(4): 2377-78, Nov 2019. Notes: doi:10.1001/jama.2019.18058
- 69. Lei VJ, Kennedy EH, Luong TB, Chen X, Polsky DE, Volpp KG, Neuman MD, Holmes JH, Fleisher LA, Navathe AS: Risk stratification for postoperative acute kidney injury in major noncardiac surgery using preoperative and intraoperative data <u>JAMA Network Open</u> 2(12): e1916921, Dec 2019 Notes: doi: 10.1001/jamanetworkopen.2019.16921.
- 70. Agarwal R, Liao JM, Gupta A, Navathe AS: The Impact of Bundled Payments on Health Care Spending, Utilization and Quality: A Systematic Review. <u>HealthAffairs</u> 39(1): 50-7, Jan 2020 Notes: doi: 10.1377/hlthaff.2019.00784, Media: FierceHealthcare https://tinyurl.com/BPloweredJRnotOther Jan 2020. Media: Modern Healthcare https://tinyurl.com/PaymentBundlesCutJRNotOther Jan 2020. Media: HFMA https://tinyurl.com/LimitsOnSavingsFromBundles Jan 2020.

- 71. Dinh CT, Linn KA, Isidro U, Emanuel EJ, Volpp KG, Bond AM, Caldarella K, Troxel AB, Zhu J, Yang L, Matloubieh SE, Drye E, Bernheim S, Oshima Lee E, Mugiishi M, Takata Endo K, Yoshimoto J, Yuen I, Okamura S, Tom J, Navathe AS: Changes in Outpatient Imaging Utilization and Spending Under a New Population-based Primary Care Payment Model. Journal of the American College of Radiology 17(1): 101-9, Jan 2020 Notes: doi: 10.1016/j.jacr.2019.08.013.
- 72. Navathe AS, Emanuel EJ, Venkataramani AS, Huang Q, Gupta A, Dinh CT, Shan EZ, Small DS, Coe NB, Wang E, Ma X, Zhu J, Cousins DS, Liao JL: Spending and Quality After 3 years of Medicare's Voluntary Bundled Payments for Joint Replacement Surgery. <u>Health Affairs</u> 39(1): 58-66, Jan 2020 Notes: doi: 10.1377/hlthaff.2019.00466. Media: Modern Healthcare https://tinyurl.com/PaymentBundlesCutJRNotOther Jan 2020. Media: HFMA https://tinyurl.com/LimitsOnSavingsFromBundles Jan 2020.
- 73. Patel M, Liao J, Navathe AS: Using Nudges to Improve Value by Increasing Imaging-Based Cancer Screening. <u>Journal of the American College of</u> <u>Radiology</u> 17(1A): 38-41, Jan 2020 Notes: epub ahead of print Sep 2019. doi: 10.1016/j.jacr.2019.08.025.
- 74. Liao JM, Pauly MV, Navathe AS: When Should Medicare Mandate Participation in Alternative Payment Models? <u>Health Affairs</u> 39(2): 305-9, Feb 2020 Notes: doi: 10.1377/hlthaff2019.00570.
- 75. Liao JM, Zhou L, **Navathe AS**: Physician Group Performance in the First Year of Medicare's Merit-based Incentive Payment System. <u>Healthcare</u> (Amst) Mar 2020 Notes: doi: 10.1016/j.hjdsi.2020.100421.
- Navathe AS, Zhou L, Liao JM: Hospital Safety-Net Status and Performance on Publicly Reported Episode Spending Measures. <u>Am J Manag Care</u> 26(11): 483-88, Nov 2020 Notes: doi: 10.37765/ajmc.2020.88527. PMID: 33196282.
- 77. Liao JM, Navathe AS, Werner RM: The Impact of Medicare's Alternative Payment Models on the Value of Care. <u>Annual Review of Public Health</u> 41: 551-565, Apr 2020 Notes: doi: 10.1146/annurev-publhealth-040119-094327.
- 78. Urwin JW, Caldarella KL, Matloubieh SE, Lee E, Mugiishi M, Kohatsu L, Yoshimoto J, Tom J, Okamura S, Wang E, Zhu J, Emanuel EJ, Volpp KG, Navathe AS: Designing a Commercial Medical Bundle for Cancer Care: Hawaii Medical Service Association's Cancer Episode Model. <u>Healthcare</u> 8(2): 100422, Jun 2020 Notes: Doi:

https://doi.org/10.1016/j.hjdsi.2020.100422.

- 79. Liao JM, Navathe AS: Direct Contracting in Medicare: Opportunity and Risk for Surgeons. <u>Annals of Surgery</u> 271(4): 632-34, Apr 2020 Notes: doi: 10.1097/SLA.00000000003620.
- 80. Liao JM, Navathe AS: Does the Merit-Based Incentive Payment System Disproportionately Affect Safety-Net Practices. JAMA Health Forum 1(5): e200452, May 2020 Notes: <u>https://jamanetwork.com/channels/health-forum/fullarticle/2766082</u>.
- 81. Navathe AS, Volpp KG, Bond AM, Linn KA, Caldarella KL, Troxel AB, Zhu J, Yang L, Matloubieh SE, Drye EE, Bernheim SM, Oshima Lee E, Mugiishi M, Takata Endo K, Yoshimoto J, Emanuel EJ: Assessing The Effectiveness of Peer Comparisons As A Way To Improve Health Care Quality. <u>HealthAffairs</u> 39(5), May 2020 Notes: doi: <u>https://doi.org/10.1377/hlthaff.2019.01061</u>.
- 83. Liao JM, Navathe AS: Physician Perspectives About the US Quality Payment Program: MIPS Benefits and Alternative Payment Model. <u>Journal of Hospital Management and Health Policy</u> 4: 16, June 2020 Notes: doi: 10.21037/jhmhp.2020.03.04.
- 84. Bekelman JE, Emanuel EJ, Navathe AS: Outpatient Treatment at Home for Medicare Beneficiaries During, and After, the COVID-19 Pandemic. JAMA Jun 2020 Notes: online doi:10.1001/jama2020.9017.
- 85. Navathe AS, Boyle CW, Emanuel EJ: Alternative Payment Models -Victims of their Own Success? <u>JAMA</u> June 2020 Notes: doi: 10.1001/jama.2020.4133.
- 86. Navathe AS, Grabowski D: Will Medicare's New Patient-Driven Post-Acute Care Payment System be a Step Forward? <u>JAMA Health Forum</u> June 2020 Notes: <u>https://jamanetwork.com/channels/health-</u> <u>forum/fullarticle/2767735?utm_source=twitter&utm_medium=social_ja</u> <u>maforum&utm_term=3443300741&utm_campaign=article_alert&linkId</u> =91609248.
- 87. Rolnick JA, Liao JM, Emanuel EJ, Huang Q, Ma X, Shan EZ, Dinh C, Zhu J, Wang E, Cousins D, Navathe AS: Spending and Quality after Three Years of Medicare's Bundled Payments for Medical Conditions: Quasiexperimental Difference-in-Differences Study. <u>BMJ</u> 369: m1780, June 2020 Notes: doi: 10.1136/bmj.m1780. Media: Rolnick, Liao, Navathe in The BMJ Opinion <u>https://blogs.bmj.com/bmj/2020/06/17/programmedesign-matters-lessons-from-bundled-payments-in-the-us/</u>

- 88. Urwin JW, Shea J, Matloubieh SE, Caldarella KL, Walters M, Mishra A, Emanuel EJ, Volpp KG, Navathe AS: A qualitative study of the influence of loss aversion and increased social pressure in physician payfor-performance. Journal of Hospital Management and Health Policy 4: (14), June 2020 Notes: doi: 10.21037/jhmhp.2020.03.03.
- 89. Nathan A, Martinez J, Giri J, Navathe AS: Observational study assessing changes in timing of readmissions around post-discharge day 30 associated with the introduction of the Hospital Readmissions Reduction Program. <u>BMJ Quality & Safety</u> 30(6): 493-499, Jun 2021 Notes: doi: 10.1136/bmjqs-2019-010780. Epub 2020 Jul 21.
- 90. Parikh RB, Robinson KW, Chhatre S, Medvedeva E, Cashy JP, Veera S, Bauml JM, Fojo T, Navathe AS, Malkowicz SB, Mamtani R, Jayadevappa R: Comparison by Race of Conservative Management for Low- and Intermediate-Risk Prostate Cancers in Veterans: 2004-2018. <u>JAMA Network Open</u> 3(9): e2018318, Sep 2020 Notes: doi: 10.1001/jamanetworkopen.2020.18318.
- 91. Powers BW, Yan J, Zhu J, Linn KA, Jain SH, Kowalski J, Navathe AS: The Beneficial Effects of Medicare Advantage Special Needs Plans For Patients With End-Stage Renal Disease. <u>HealthAffairs</u> 9(39): 1486-94, Sep 2020 Notes: doi: 10.1377/hlthaf.2019.01793.
- 92. Bekelman J, Fish M, Sylwestrzak G, Barron J, Debono D, Liu Y, Fishman E, Navathe AS, Gupta A: Association Between a National Insurer's Pay-for-Performance Program for Oncology and Changes in Prescribing of Evidence-Based Cancer Drugs and Spending. J Clin Oncol 38(34) 40055-63 Oct 2020 Notes: doi: 10.1200/JCO.20.00890. Epub 2020 Oct 6.
- 93. Burke RE, Canamucio A, Medvedeva E, Hume EL, Navathe AS: Association of Discharge to Home vs Institutional Postacute Care With Outcomes After Lower Extremity Joint Replacement. JAMA Network <u>Open</u> 3(10): e2022382, Oct 2020 Notes: doi: 10.1001/jamanetworkopen.2020.22382.
- 94. Chen XS, Changolkar S, Navathe AS, Linn KA, Reh G, Szwartz G, Steier D, Godby S, Balachandran M, Harrison JD, Rareshide CAL, Patel MS: Association between behavioral phenotypes and response to a physical activity intervention using gamification and social incentives: Secondary analysis of the STEP UP randomized clinical trial. <u>PLOS One</u> 15(10): 30239288, Oct 2020 Notes: doi: 10.1371/journal.pone.0239288.
- 95. Navathe AS, Lei VL, Fleisher L, Luong TB, Chen X, Kennedy E, Volpp K, Polsky D, Groeneveld P, Weiner M, Holmes J, Neuman Mark: Improving Identification of Patients at Low Risk for Major Cardiac Events After

Noncardiac Surgery Using Intraoperative Data. <u>Journal of Hospital</u> <u>Medicine</u> 15(10): 581-7, Oct 2020 Notes: doi: 10.12788/jhm.3459

- 96. Liao JM, Wang R, Mishra A, Emanuel EJ, Zhu J, Cousins DS, Navathe AS: Spillover effects of mandatory hip and knee replacement surgery bundles in Medicare. <u>Healthcare</u> 8(4): 100447 Dec 2020 Notes: doi: 10.1016/j.hjdsi.2020.100447. Epub 2020 Oct 28.
- 97. Liao JM, Shan EZ, Zhao Y, Shah Y, Cousins DS, Navathe AS: Overlap Between Medicare's Comprehensive Care for Joint Replacement Program and Accountable Care Organizations. <u>J Arthroplasty</u> 36(1): 1-5, Jan 2021 Notes: DOI: 10.1016/j.arth.2020.07.039.
- 98. Pronovost PJ, Urwin JW, Beck E, Coran JJ, Sundaramoorthy A, Schario ME, Muisyo JM, Sague J, Shea S, Runnels P, Zeiger T, Topalsky G, Wilhelm A, Palakodeti S, Navathe AS: Making a Dent in the Trillion-Dollar Problem: Toward Zero Defects. <u>NEJM Catalyst Innovations in Care</u> <u>Delivery</u> 2(1), Jan 2021 Notes: doi: 10.1056/CAT.19.1064.
- 99. Navathe AS, Liao JM, Linn KA, Zhang Y, Mishra A, Wang R, Dinh CT, Zhu J, Cousins DS, Lindner J, Emanuel EJ: Spillover Effects of Medicare's Voluntary Bundled Payments for Joint Replacement Surgery to Patients Insured by Commercial Health Plans. <u>Ann Intern Med</u> 172(2): 200-208, Feb 2021 Notes: 10.7326/M19-3792.
- 100. Parikh RB, Linn KA, Yan J, Maciejewski ML, Rosland AM, Volpp KG, Groeneveld PW, Navathe AS: A machine learning approach to identify distinct subgroups of veterans at risk for hospitalization or death using administrative and electronic health record data. <u>PLoS One</u> 16(2): e0247203, Feb 2021 Notes: <u>https://www.cherp.research.va.gov/CHERP/features/VA_doctors_seek_to_harness_AI.asp</u>
- 101. Liao JM, Huang Q, Ibrahim SA, Connolly J, Cousins DS, Zhu J, Navathe AS: Between-Community Low-Income Status and Inclusion in Mandatory Bundled Payments in Medicare's Comprehensive Care for Joint Replacement Model. JAMA Netw Open 4(3): e211016, Mar 2021.
- 102. Liao JM, Zhou L, Navathe AS: Nationwide Hospital Performance on Publicly Reported Episode Spending Measures. <u>Journal of Hospital</u> <u>Medicine</u> 16(4): 204-210, Apr 2021 Notes: doi:10.12788/jhm.3377.
- 103. Emanuel EJ, Mostashari F, **Navathe AS**: Designing a Successful Primary Care Physician Capitation Model. JAMA 325(20): 2043-2044, May 2021.
- 104. Agarwal R, Connolly J, Gupta S, Navathe AS: Comparing Medicare

Advantage And Traditional Medicare: A Systematic Review. <u>Health Aff</u> 40(6): 937-944, June 2021 Notes: https://doi.org/10.1377/hlthaff.2020.02149.

- 105. Liao JM, Lavizzo-Mourey RJ, Navathe AS: A National Goal to Advance Health Equity Through Value-Based Payment. <u>JAMA</u> 325(24): 2439-2440, June 2021 Notes: doi:10.1001/jama.2021.8562.
- 106. Liao JM, Gupta A, Zhao Y, Zhu J, Martinez J, Cousins DS, Navathe AS: Association Between Hospital Voluntary Participation, Mandatory Participation, or Nonparticipation in Bundled Payments and Medicare Episodic Spending for Hip and Knee Replacements. <u>JAMA</u> 16(326): 438-440, June 2021 Notes: doi:10.1001/jama.2021.10046.
- 107. Lei VJ, Navathe AS, Seki SM, Neuman MD: Perioperative benzodiazepine administration among older surgical patients. <u>British Journal of</u> <u>Anesthesia</u> 127(2): e69-e71, Aug 2021 Notes: doi: <u>https://doi.org/10.1016/j.bja.2021.05.016</u>.
- 108. Navathe AS, Liao JM, Wang E, Isidro U, Zhu J, Cousins DS, Werner RM: Association of Episode Outcomes With Bundled Payments Among Hospitalized Patients Attributed to Accountable Care Organizations. <u>JAMA Health Forum</u> 2(8): e212131, Aug 2021 Notes: doi:10.1001/jamahealthforum.2021.2131.
- 109. Urwin JW, Bauer R, Cunningham J, Oleksy T, Seto T, Khan Z, Lee EO, Tom J, Kohatsu L, Mugiishi M, Volpp KG, Navathe AS, Emanuel EJ: Designing a commercial bundle for cardiac procedures: The Percutaneous Coronary Intervention Episode Payment Model. <u>Healthcare</u> 9(3): 100426, Sep 2021.
- 110. Navathe AS, Clancy C, Glied S: Advancing Research Data Infrastructure for Patient-Centered Outcomes Research. <u>JAMA</u> 306(11): 1254-5, Sep 2011 Notes: doi: 10.1001/jama.2011.1341.
- 111. Liao JM, Zhou L, Navathe AS: Group Practice Performance in the Second Year of Medicare's Merit-Based Incentive Payment System. <u>JAMA</u> <u>Network Open</u> 4(10): e2128267, Oct 2021 Notes: doi: 10.1001/jamanetworkopen.2021.28267.
- 112. Delaney SW, Essien UR, Navathe A: Disparate Impact: How Colorblind Policies Exacerbate Black-White Health Inequities. <u>Annals of Internal</u> <u>Medicine</u> 174(10): 1450-1451, Oct 2021 Notes: <u>https://doi.org/10.7326/M21-1748</u>.
- 113. Liao JM, Chatterjee P, Wang E, Connolly J, Zhu J, Cousins DS, Navathe

AS: The Effect of Hospital Safety Net Status on the Association Between Bundled Payment Participation and Changes in Medical Episode Outcomes. <u>J Hosp Med</u> 16(12): 716-723, Dec 2021 Notes: DOI: 10.12788/jhm.3722.

- 114. Liao JM, Clodfelter RP, Huang JJ, Zhou L, Bhatt J, Kupferman G, Kralovec PD, Navathe AS: Organizational Capacity of Hospitals Co-Participating in Accountable Care Organizations and Bundled Payments. <u>Am J Med</u> <u>Qual</u> 37(1): 39-45, Jan 2022.
- 115. Shrank WH, Chernew ME, Navathe AS: Hierarchical Payment Models-A Path for Coordinating Population-and Episode-Based Payment Models. <u>JAMA</u> 327(5): 423-424, Feb 2022 Notes: doi: 10.1001/jama.2021.23786.
- 116. Liao JM, Wang E, Isidro U, Navathe AS: The Impact of Simultaneous Hospital Participation in Accountable Care Organizations and Bundled Payments on Episode Outcomes. <u>Am J Med Qual</u> 37(2): 173-179, Mar-Apr 2022 Notes: doi: 10.1097/01.JMQ. 0000754532.72567.c9.
- 117. Navathe AS, Liao JM, Yan XS, Delgado MK, Isenberg WM, Landa HM, Bond BL, Small DS, Rareshide CAL, Shen Z, Pepe RS, Refai F, Lei VJ, Volpp KG, Patel MS: The Effect Of Clinician Feedback Interventions On Opioid Prescribing. <u>Health Affairs</u> 41(3): 424-433, Mar 2022 Notes: doi: 10.1377/hlthaff.2021.01407.
- 118. Milad MA, Murray RC, Navathe AS, Ryan AM: Value-Based Payment Models In The Commercial Insurance Sector: A Systematic Review. <u>Health Aff (Millwood)</u> 41(4): 540-548, Apr 2022 Notes: doi: 10.1377/hlthaff.2021.01020.
- 119. Liao JM, Ibrahim SA, Huang Q, Connolly J, Cousins DS, Zhu J, Navathe AS: The Proportion of Marginalized Individuals in US Communities and Hospital Participation in Bundled Payments. <u>Popul Health Manag</u> 25(4): 501-508, Aug 2022 Notes: doi: 10.1089/pop.2021.0334. Epub 2022 May 9
- 120. Navathe AS, Chandrashekar P, Chen C: Making Value-Based Payment Work for Federally Qualified Health Centers: Toward Equity in the Safety Net. JAMA 327(21): 2081-2082, Jun 2022 Notes: doi: 10.1001/jama.2022.8285.
- 121. Chatterjee P, Liao JM, Wang E, Feffer D, Navathe AS: Characteristics, Utilization, and Concentration of Outpatient Care for Dual-Eligible Medicare Beneficiaries. <u>AJMC</u> 28(10): July 2022 Notes: In Press.
- 122. Boudreau E, Schwartz R, Schwartz AL, Navathe AS, Caplan A, Li Y,

- Blink A, Rasca P, Antol DD, Erwin CJ, Shrank WH, Powers BW Comparison of Low-Value Services Among Medicare Advantage and Traditional Medicare Beneficiaries. <u>JAMA Health Forum</u> 3(9): e222935, Sep 2022 Notes: doi:10.1001/jamahealthforum.2022.2935
- 123. Klaiman T, Nelson MN, Xiaowei SY, Navathe AS, Patel MS, Refai F, Delgado MK, Pagnotti Jr DR, Liao JM Clinician Perceptions of Receiving Different Forms of Feedback on their Opioid Prescribing. <u>AJQM</u> September 2002 Notes: In Press

<u>Research Publications, peer-reviewed reviews:</u> [none]

Contributions to peer-reviewed research publications, participation cited but not by <u>authorship:</u> [none]

Research Publications, non-peer reviewed:

- 1. Navathe AS: A Hybrid Algorithm for Point Location Problems. <u>Center for</u> <u>Excellence in Education (CCE) Brief</u> 12, 1996.
- Navathe AS, Jain SH, Jha A, Milstein A, Shannon RP: Introducing you to Healthcare: The Journal of Delivery Science and Innovation. <u>Healthcare</u> 1(1-2): 1, Jun 2013 Notes: doi: 10.1016/j.hjdsi.2013.05.004.
- Curfman G, Shachar C, Navathe AS: Beyond the Dartmouth Atlas Regional Variation in Private Health Care Spending. <u>Healthcare</u> 4(3): 132-134, Sep 2016 Notes: doi: 10.1016/j.hjdsi.2016.02.001.
- Liao JM, Navathe AS, Press M: Hospital-at-Home Care Programs -- Is the Hospital of the Future at Home? <u>JAMA Intern Med</u> Page: online, Jun 2018 Notes: doi: 10.1001/jamainternmed.2018.2566.
- 5. Liao JM, Navathe AS: Nudging Physicians to Reduce Quetiapine Prescribing Using Medicare Letters. JAMA Psychiatry online, Aug 2018 Notes: https://jamanetwork.com/journals/jamapsychiatry/fullarticle/2694813?utm_sou rce=jps&utm_medium=email&utm_campaign=author_alertjamanetwork&utm_content=author-author_engagement&utm_term=1mdoi: 10.1001/jamapsychiatry.2018.1843.
- 6. Glickman A, Dinh C, Navathe AS: The Current State of Evidence on Bundled Payments. <u>Leonard Davis Institute of Health Economics Issue Brief</u> 22(3), Sep 2018 Notes: https://ldi.upenn.edu/brief/current-state-evidence-bundled-

payments.

- Liao JM, Navathe AS: Incentivizing Healthy Behaviors at Scale: Closing the Gap Between Science and Population-Level Implementation. <u>JAMA Network Open</u> 1(8): e186173, Dec 2018 Notes: doi: 10.1001/jamanetworkopen.2018.6173.
- Liao JM, Navathe AS, Press MJ: Medicare's Approach to Paying for Services that Promote Coordinated Care Across the Continuum. <u>JAMA</u> 321(2): 147-8, Jan 2019 Notes: doi:10.1001/jama.2018.19315.
- Navathe AS, Lee VS, Liao JM: How to Overcome Clinicians' Resistance to Nudges. <u>Harvard Business Review</u> May 2019 Notes: https://hbr.org/2019/05/how-to-overcome-clinicians-resistance-to-nudges.
- Parikh R, Bekelman J, Navathe AS: Response to NL Keating et al. Journal of Oncology Practice 16(2): 100, Feb 2020 Notes: doi: 10.1200/JOP.19.00681epub ahead of print Dec 27, 2019.
- 11. Liao JM, Pronovost PJ, Navathe AS: To Re-Open Health Care, Leaders Should Address Patient Fear. <u>NEJM Catalyst Innovations in Care Delivery</u> July 2020 Notes: doi: 10.1056/CAT.20.0276.
- 12. Parikh RB, Boyle CW, Roesing E, Bekelman JE, Navathe AS, Emanuel EJ: Understanding One Challenge in Cutting Health Care Costs. <u>Harvard Business</u> <u>Review</u> Nov 2020 Notes: https://hbr.org/2020/11/understanding-one-challengein-cutting-health-care-costs?ab=hero-subleft-2.
- 13. Staloff JA, **Navathe AS**, Liao JM: It's Time to Advance Payment Reform Using the Principle of Policy Equipoise. <u>JAMA Health Forum</u> Nov 2020 Notes: https://jamanetwork.com/channels/health-forum/fullarticle/2772688.
- 14. Liao JM, **Navathe AS**: Using Telehealth to Enhance Current Strategies in Alternative Payment Models. JAMA Health Forum Dec 2020 Notes: https://jamanetwork.com/channels/health-forum/fullarticle/2774454.
- Nadella P, Navathe AS: The media needs to incorporate principles of research communication to improve COVID-19 reporting. <u>Healthcare</u> 8(4): 100473, Dec 2020 Notes: doi: 10.1016/j.hjdsi.2020.100473.
- 16. Werner RM, Emanuel EJ, Pham HH, Navathe AS: The Future of Value-Based Payment: A Road Map to 2030. <u>LDI White Paper</u> Feb 2021 Notes: https://ldi.upenn.edu/sites/default/files/pdf/PennLDI-Future-of-Value-Based-Payment-WhitePaper.pdf.
- 17. Shah S, Navathe AS, Kocher RP: Strategies to Overcome the Market Dominance of Hospitals-Reply. JAMA 326(3): 278-279, July 2021 Notes: doi:

10.1001/jama.2021.6895.

- Powers BW, Shrank WH, Navathe AS: Private Equity and Health Care Delivery: Value-Based Payment as a Guardrail? JAMA 326(10): 907-08, Aug 2021.
- Parikh RB, Zhang Y, Chivers C, Courtright KR, Zhu J, Hearn CM, Navathe AS, Chen J: Performance Drift in a Clinical Prognostic Algorithm during the SARS-CoV-2 Pandemic. <u>medRxiv</u> Page: 1-26, Mar 2022.

Abstracts (Last 3 years):

- Liao J, Gupta A, Zhao Y, Zhu J, Cousins D, Navathe A: Do Hospitals That Volunteer for Joint Replacement Bundled Payments Save More Money Than Those Required to Participate? <u>AcademyHealth</u> 2021 Notes: Presented at the Academy Health Annual Research Meeting September 2021 in Washington, DC.
- 2. Navathe A, Liao J, Delgado K, Yan S, Isenberg W, Landa H, Bond B, Rareshide C, Small D, Pepe R, Refai F, Lei V, Volpp K, Patel M: Effect of Peer Comparison Feedback, Individual Audit Feedback or Both to Clinicians on Opioid Prescribing in Acute Care Settings: A Cluster Randomized Clinical Trial. <u>AcademyHealth</u> 2021 Notes: Presented at the Academy Health Annual Research Meeting September 2021 in Washington, DC.
- 3. Parikh R, Linn K, Yan J, Maciejewski M, Jenkins KA, Cousins D, Navathe A: Improving Racial Equity in the Veterans Health Administration Care Assessment Needs Risk Score. <u>AcademyHealth</u> 2021 Notes: Presented at the Academy Health Annual Research Meeting September 2021 in Washington, DC.
- 4. Liao J, Gupta A, Zhao Y, Zhu J, Cousins D, Navathe A: Do Hospitals That Volunteer for Joint Replacement Bundled Payments Save More Money Than Those Required to Participate? <u>AcademyHealth</u> 2022 Notes: Presented at the Academy Health Annual Research Meeting June 2022 in Washington, DC
- 5. Liao J, Huang Q, Wang E, Linn k, Zhu J, Cousins D, Navathe A: Comparing Performance between Physician Group and Hospitals Participating in Bundled Payments. <u>AcademyHealth</u> 2022 Notes: Presented at the Academy Health Annual Research Meeting June 2022 in Washington, DC.
- 6. Liao J, Ibrahim S, Wang E, Zhao Y, Zhu J, Cousins D, Navathe A: The Association between Bundled Payment Participation and Racial Disparities in Medical Episode Outcomes. <u>AcademyHealth</u> 2022 Notes: Presented at the Academy Health Annual Research Meeting June 2022 in Washington, DC
- 7. Liao J, Sun C, Yan X, Delgado MK, Patel M, Isenberg W, Landa H, Bond B, Small

D, Rareshide C, Shen Z, Pepe R, Refai F, Lei V, Volpp K, Navathe A: The Effect of Peer Comparison Feedback on Opioid Prescribing Among Clinicians with Inaccurate Self-Perceptions. <u>AcademyHealth</u> 2022 Notes: Presented at the Academy Health Annual Research Meeting June 2022 in Washington, DC

- 8. Liao J, Wang E, Ibrahim S, Zhao Y, Zhu J, Cousins D, Navathe A: Do Mandatory or Voluntary Joint Replacement Bundled Payments Differentially Affect Black or Dual Eligible Patients? <u>AcademyHealth</u> 2022 Notes: Presented at the Academy Health Annual Research Meeting June 2022 in Washington, DC
- 9. Navathe A, Liao J, Yan X, Delgado MK, Isenberg W, Landa H, Bond B, Small D, Rareshide C, Shen Z, Pepe R, Refai F, Lei V, Volpp K, Patel M: Effect of Peer Comparison Feedback, Audit Feedback, or Both to Clinicians on Opioid Prescribing: A Cluster-Randomized Clinical Trial. <u>AcademyHealth</u> 2022 Notes: Presented at Academy Health Annual Research Meeting June 2022 in Washington, DC.
- 10. Parikh R, Zhang Y, Chivers C, Courtright K, Zhu J, Navathe A, Chen J: Performance Drift in Clinical Predictive Algorithms during the Sars-Cov-2 Pandemic. <u>AcademyHealth</u> 2022 Notes: Presented at the Academy Health Annual Research Meeting June 2022 in Washington, DC

Editorials, Reviews, Chapters, including participation in committee reports (print or other media):

- 1. Navathe AS, Liao JM, Emanuel EJ: Potential Unintended Effects of Medicare's Bundled Payments for Care Improvement Program - Reply. JAMA Network 321(1): 107-8, Jan 2019 Notes: doi: 10.1001/jama.2018.18162.
- Navathe AS, Jain SH, Simpson L, Savitz L: Introducing the AcademyHealth and Healthcare: Journal of delivery science and innovation partnership. <u>Healthcare</u> 7(2): 1-2, Jun 2019.
- 3. Emanuel EJ, Navathe AS: Delivery Systems Reforms: Evaluating the Effectiveness of the ACA's Delivery-System Reforms at Slowing Cost Growth and Improving Quality and Patient Experience (Chapter 13). <u>The Trillion Dollar Revolution: How the Affordable Care Act Transformed Politics, Law, and Health Care in America</u>. Ezekiel J. Emanuel, Abbe R. Gluck, Page: 225-250, Jan 2020.
- 4. Parikh RB, Bekelman JE, Navathe AS: Response to N.L. Keating et al. <u>JCO Oncol</u> <u>Pract</u> 16(2): 100, Feb 2020.
- 5. Shrank WH, Parekh N.: Wasteful Health Care Spending in the United States-Reply. JAMA 3(323 (9)): 895-896, Mar 2020.

- 6. Urwin JW, Pronovost PJ, Navathe AS: Response to Wasteful Health Care Spending in the United States (WH Shrank et al). <u>JAMA</u> 323(9): 895, Mar 2020 Notes: DOI:10.1001/jama.2019.22255. Response to article by Shrank WH, Rogstad TL, Parekh N in Oct 7, 2019 Issue (doi: 10.1001/jama.2019.13978). https://jamanetwork.com/journals/jama/article-abstract/2762302.
- 7. Kocher RP, Shah S, Navathe AS: Overcoming the Market Dominance of Hospitals. JAMA 325(10): 929-930, Mar 2021 Notes: doi:10.1001/jama.2021.0079.
- 8. Cohen M, Conway P, Harris J, Hughes D, Long P, Mann C, McClellan MB, Muhlestein D, Navathe AS, Onie R, Park E, Perla R, Seshamani M: Priorities in Advancing High Quality Value-Based Health & Health CareCMMI catalyzing innovative health system transformation. A Discussion Series convened by the National Academy of Medicine. <u>National Academy of Medicine</u> May 2021 Notes: https://nam.edu/wpcontent/uploads/2021/05/CMMI_Expert-Panel-Overview_2021_5.19-F.pdf.
- 9. McClellan M, Rajkumar R, Couch M, Holder D, Long P, Medows R, Navathe AS, Pham M, Sandy L, Shrank W, Smith M: Health Care Payers COVID-19 Impact Assessment: Lessons Learned and Compelling Needs. <u>National Academy of</u> <u>Medicine</u> May 2021 Notes: https://nam.edu/health-care-payers-covid-19impact-assessment-lessons-learned-and-compelling-needs/
- Powers BW, Shrank WH, Navathe AS: Private Equity and Health Care Delivery-Reply. JAMA 326(24): 2534-2535, Dec 2021 Notes: doi:10.1001/jama.2021.20434.

Books:

[none]

Alternative Media:

- Powers BS, Navathe AS, Jain SH: Patients as Customers: Applying Lessons from Service Industries to Health Care. <u>Harvard Business Review Blog</u> Apr 2013 Notes: (reprinted in the Health Care Blog, KevinMD, and other similar pubs); doi: 10.1016/j.hjdsi.2013.11.001.
- 2. Navathe AS: HEALTH Policy\$ense When Compared to Each Other, Doctors Pay Attention. <u>LDI Blog</u> Nov 11 2016.
- 3. Navathe AS: Savings through Bundled Payments for Joint Replacements. <u>Knowledge@Wharton Radio</u> January 2017 Notes: aired January 3, 2017.
- 4. Navathe AS, Whittington G, Liao J, Bajner R: Guest Commentary: A Value-Based Endorsement of Bundled Payments. <u>Modern Healthcare</u> Jan 2017 Notes: http://www.modernhealthcare.com/article/20170113/NEWS/170119946 -Published Jan 3, 2017.

- 5. Navathe AS: Meaningful Dollars Saved with Bundled Payments. <u>Rheumatology</u> <u>Network Podcast</u> Feb 2017 Notes: http://www.rheumatologynetwork.com/healthcare-policy/meaningful-dollarssaved-bundled-payments.
- 6. Navathe AS, Troxel AB, Liao JM: Bundled payment model linked with reduced Medicare payments for joint replacement, Perspective by Mike McCaslin on "Cost of Joint Replacement Using Bundled Payment Models" published in JAMA Intern Med. 2017. <u>Orthopedics Today</u> Feb 2017 Notes: https://www.healio.com/orthopedics/business-oforthopedics/news/online/%7be45283ae-befa-46a6-8447c3c465ca15a7%7d/bundled-payment-model-linked-with-reduced-medicarepayments-for-joint-replacement.
- Navathe AS, Whittington G, Stacey RF, Bajner R: Bundled Payments: Value-Based Guidance. <u>hfma.org (Healthcare Financial Management Association)</u> Feb 2017 Notes: https://www.hfma.org/Content.aspx?id=52423.
- 8. Navathe AS: The Part of Obamacare Even Republicans Like. <u>Marketplace Podcast</u> Jul 24 2017 Notes: https://www.marketplace.org/2017/07/24/health-care/partobamacare-even-republicans
- 9. Navathe AS, Anastos-Wallen RE, Emanuel EJ, Liao JM: What's In A Name: Will BPCI-Advanced Hold Back Or Advance Bundled Payment Policy? <u>Health</u> <u>Affairs Blog</u> Feb 2018 Notes: https://www.healthaffairs.org/do/10.1377/hblog20180131.50449/full/
- Navathe AS, Liao JM: Reply to "Study finds Medicare bundled payments inequitable for older, higher-risk patients" <u>Orthopedics Today</u> Mar 2018 Notes: https://www.healio.com/orthopedics/business-oforthopedics/news/online/%7B25b620ab-1e42-4b1d-82cd-4a7fbb7ad0cf%7D/study-finds-medicare-bundled-payments-inequitable-forolder-higher-risk-patients.
- 11. Liao JM, Dykstra SE, Werner RM, Navathe AS: BPCI Advanced Will Further Emphasize The Need To Address Overlap Between Bundled Payments and Accountable Care Organizations. <u>Health Affairs Blog</u> Apr 2018 Notes: https://www.healthaffairs.org/do/10.1377/hblog20180409.159181/full/
- 12. McCann A: Best & Worst States for Health Care. <u>Wallet Hub</u> Aug 2018 Notes: Interviewed for the article: https://wallethub.com/edu/states-with-best-healthcare/23457/#**amol-s-navathe**.
- 13. Navathe AS, Shan E, Liao JM: What Have We Learned About Bundling Medical Conditions? <u>Health Affairs Blog</u> Aug 2018 Notes: URL:

https://www.healthaffairs.org/do/10.1377/hblog20180828.844613/full/DOI: 10.1377/hblog20180828.844613.

- 14. Scott D: One of Obamacare's Big Experiments to Lower Costs is Working Surprisingly Well. <u>Vox</u> Sep 2018 Notes: Interviewed, with Zeke Emanuel, by the writer for this article and referencing JAMA article: https://www.vox.com/policy-and-politics/2018/9/4/17806348/obamacaretrump-bundled-payments-hospitals-research.
- 15. Liao JM, Chen A, Navathe AS: The Real Opportunities of MIPS Payment Adjustments. <u>HealthAffairs Blog</u> Oct 29 2018 Notes: Part 1 of a 3-part series doi:10.1377/hblog20181026.940799
- 16. Liao JM, Navathe AS: Implications of MIPS Scoring on Clinician Engagement in Value-Based Payments. <u>Health Affairs Blog</u> Oct 30 2018 Notes: Part 2 of a 3part serieshttps://tinyurl.com/MIPSScoring-Pmts-HABlog10-2018; media: Politico Morning eHealth What We're Clicking 10.31.2018 https://tinyurl.com/MorningeHealth10-31-2018
- 17. Navathe AS, Liao JM: MIPS APMs in the Quality Payment Program. <u>HealthAffairs Blog</u> Oct 31 2018 Notes: Part 3 of 3-part series doi: 10.1377/hblog20181030.290056.
- 18. Robert Calandra: Bundled Payments for Joint Replacement Reduce Expenditures, Don't Compromise Quality. <u>Managed Care</u> Nov 2018 Notes: Interviewed by the writer who also referenced several of **Dr. Navathe's** articles previously published in peer-reviewed publications.URL: https://www.managedcaremag.com/archives/2018/11/bundled-payments-jointreplacement-reduce-expenditures-don-t-compromise-quality.
- 19. Navathe AS, Huang J, Liao JM: Early Participants and Focus Areas in BPCI-Advanced. <u>Health Affairs Blog</u> Dec 2018.
- 20. Navathe AS, Emanuel EJ, Liao JM: Policy Trends That May Drive Different Care Redesign For Procedural Versus Nonprocedural Bundles. <u>HealthAffairs Blog</u> Apr 2019 Notes: doi: 10.1377/hblog20190409.220198 Online: https://tinyurl.com/PolicyTrendsDriveCareRedesign.
- Navathe AS, Bekelman JE, Liao JM: Advancing Bundled Payments Through Radiation Oncology Episodes. <u>HealthAffairs Blog</u> Aug 2019 Notes: doi: 10.1377/hblog20190729.824220.
- 22. Liao JM, Miller SC, Navathe AS: To Succeed, MIPS Value Pathways Need More Episodic Cost Measures. <u>HealthAffairs Blog</u> Nov 2019 Notes: doi: 10.1377/hblog20191107.686469.

- 23. Berger L: 60 Seconds With Amol Navathe, MD, PhD. <u>McKnight's Long-Term</u> <u>Care News</u> Feb 2020 Notes: https://www.mcknights.com/print-news/60seconds-with-amol-navathe-m-d-ph-d/
- Liao JM, Navathe AS: When Site-Of-Service Policy And Payment Reforms Converge: The Case of Joint Replacement Surgery. <u>HealthAffairs Blog</u> Feb 2020 Notes: 10.1377/hblog20200129.860920.
- 25. Emanuel EJ, Navathe AS: Will 2020 Be the Year That Medicine Was Saved? <u>New</u> <u>York Times Opinion</u>. Media: interview with John Tozzi, Bloomberg News Apr 2020Media: quoted in https://www.healthaffairs.org/do/10.1377/hblog20201016.534052/full/?utm_m edium=email&utm_source=hat&utm_campaign=blog&utm_content=griffith, Apr 2020 Notes: https://www.nytimes.com/2020/04/14/opinion/coronavirushospitals.htmlMedia: How Will COVID-19 Leave its Mark on Health Care? interview on To the Point https://www.kcrw.com/news/shows/to-thepoint/health-care-medicine-covid-19 May 2020.
- 26. Liao JM, Navathe AS: Saving the economy means reopening wisely and changing minds. <u>Philadelphia Inquirer</u> May 2020 Notes: https://www.inquirer.com/opinion/commentary/coronavirus-state-reopeningspennsylvania-new-jersey-fear-20200523.html.
- 27. Marcotte L, Navathe AS, Staloff J, Liao JM: Medicare's Reliance on Acute Hospitalization Rates Could Undercut the Impact of its Primary Care First Program. <u>HealthAffairs Blog</u> May 2020 Notes: doi: 10.1377/hblog20200511.241173.
- 28. Navathe AS, Emanuel EJ: How Health Insurers Can Be Heroes. Really. <u>New York</u> <u>Times</u> May 2020 Notes: https://www.nytimes.com/2020/05/06/opinion/coronavirus-insurance.html.
- 29. Navathe AS, Liao JM: Surgical Care in Accountable Care Organizations. <u>Penn</u> <u>LDI Blog Health Policy\$ense</u> May 2020 Notes: https://ldi.upenn.edu/healthpolicysense/surgical-care-accountable-careorganizations.
- 30. Navathe AS, Venkataramani A, Emanuel EJ: Why Opening the Economy Won't Be the Stimulus We're Hoping For. <u>Penn LDI Blog Health Policy\$ense</u> May 2020 Notes: https://ldi.upenn.edu/healthpolicysense/why-opening-economywon-t-be-stimulus-we-re-hoping.
- 31. Navathe AS, Liao JM: Barring visitors from hospitals can worsen patient care during COVID. <u>Philadelphia Inquirer Opinion</u> Jul 2020 Notes: inquirer.com/opinion/commentary/hospital-visits-coronavirus-philadelphia-pennsylvania-regulations-20200727.html.

- 32. Liao JM, Navathe AS: Social Determinants Among Communities Receiving Early COVID-19 Relief Funds. <u>LDI Health Policy\$ense</u>. Penn Leonard Davis Institute of Health Economics, Aug 2020 Notes: https://ldi.upenn.edu/healthpoicysense/social-determinants-amongcommunities-receiving-early-covid-19-relief-funds.
- 33. Navathe AS (interviewed): The Future of AI in Healthcare. <u>State of Healthcare</u> <u>podcast</u> Aug 2020 Notes: https://www.youtube.com/watch?v=bIcQaCoz_Aw.
- 34. Navathe AS, Liao JM: After COVID-19, A Payment Policy Reboot: Three Lessons From The Pandemic On How To Improve Value-Based Payment. <u>HealthAffairs</u> Aug 2020 Notes: doi: 10.1377/hblog20200805.905205.
- 35. Liao JM, Navathe AS: Revise COVID-19 relief-fund decisions to target disparities. <u>The Seattle Times (Opinion)</u> Sep 2020 Notes: https://www.seattletimes.com/opinion/revise-covid-19-relief-fund-decisions-totarget-disparities/
- 36. West A (interviewed for the article): Expert Reveals How the COVID-19 Pandemic Shows the Need for Greater Efficiencies in US Healthcare Delivery. <u>CardRates.com</u> Sep 2020 Notes: https://www.cardrates.com/news/covid-19shows-the-need-for-efficient-us-healthcare/Media: LDI In The News https://ldi.upenn.edu/in-the-news-expert-reveals-how-covid-19-pandemicshows-need-greater-efficiencies-us-healthcare.
- 37. Navathe AS, Schmidt H: Why a Hospital Might Shun a Black Patient. <u>The New York Times Opinion</u> Oct 2020 Notes: https://www.nytimes.com/2020/10/06/opinion/medical-racism-payment-models.htmlMedia: Becker's Healthcare Payer Issues Viewpoint Oct 6, 2020 https://www.beckershospitalreview.com/payer-issues/viewpoint-the-way-hospitals-are-paid-maintains-structural-racism.html
- Liao JM, Navathe AS: Biden's COVID-19 strategy should prioritize low-income communities like Philly's. <u>The Philadelphia Inquirer Opinion</u> Nov 2020 Notes: https://www.inquirer.com/opinion/commentary/coronavirus-poverty-plansphiladelphia-joe-biden-20201121.html.
- 39. Navathe AS, Emanuel EJ, Glied S, Mostashari F, Kocher B: Medicare Payment Reform's Next Decade: A Strategic Plan For The Center For Medicare And Medicaid Innovation. <u>Health Affairs Blog</u> Dec 2020 Notes: doi: 10.1377/hblog20201216.672904.
- 40. Parikh RB, **Navathe AS**: Write Better Algorithms. <u>New York Times Opinion</u> Dec 2020 Notes: https://www.nytimes.com/2021/01/07/opinion/coronavirus-vaccine-distribution.html.

- 41. Navathe AS, McClellan MB, Chen C, Zerzan J, Harris J, Kocher B: Strategic Priorities For The Centers For Medicare And Medicaid Services To Advance Medicaid Reform. <u>Health Affairs Blog</u> Feb 2021 Notes: https://www.healthaffairs.org/do/10.1377/hblog20210129.937900/full/
- 42. Liao JL, Navathe AS: Medicare Should Transform MIPS, Not Scrap It. <u>HealthAffairs Blog</u> Mar 2021 Notes: https://www.healthaffairs.org/do/10.1377/hblog20210226.949893/full/
- 43. Navathe AS, Liao JM: How Telehealth Can Enable New Care Management Strategies In Alternative Payment Models. <u>Health Affairs Blog</u> May 2021 Notes: https://www.healthaffairs.org/do/10.1377/hblog20210504.207017/full/
- 44. Pham PH, Navathe AS: Why Aren't Value-Based Payment Models More Successful? A Failure To Confront Market Dynamics. <u>HealthAffairs Blog</u> Jan 2022 Notes: https://www.healthaffairs.org/do/10.1377/forefront.20220125.362333
- 45. Navathe A, Lavizzo-Mourey A, Liao J: How to fix the two-tier U.S. health payment system. <u>STAT</u> Mar 2022 Notes: https://www.statnews.com/2022/03/29/how-to-fix-the-two-tier-u-s-healthpayment-system.
- 46. Liao JM, Navathe AS: What Comes Next In Prioritizing Equity In Payment? The ACO REACH Model. <u>HEALTH AFFAIRS</u> Apr 2022 Notes: https://www.healthaffairs.org/do/10.1377/forefront.20220404.728371/
- 47. Parikh RB, Navathe AS: How the Pandemic Made Algorithms Go Haywire. <u>SLATE</u> May 2022 Notes: https://slate.com/technology/2022/05/algorithmspandemic-health-care-patients-finance.html.

Patents:

[none]