

**Nirav Vikram Kamdar, M.D., MPP, MBA**  
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## **Education**

BA	<b>University of California, Berkeley, Berkeley, CA</b> B.A. Political Science Graduated Magna Cum Laude 1999-2002
International Relations	<b>Caux Scholars Program, Caux, Switzerland</b> United Nations sponsored fellowship on peace-building initiatives One of 20 university students selected worldwide Summer 2002
MD	<b>Stanford University School of Medicine, Stanford CA</b> Concentration: Neuroscience Behavior and Cognition Research Program: Cognitive Neuroscience of Aging; fMRI investigations of resting-state neural networks with cognition and aging 2004-2010
MPP	<b>University of Southern California, Los Angeles, CA</b> Master of Public Policy with an emphasis in health policy School of Policy, Planning and Development 2007-2009
Internship	<b>Stanford Hospital and Clinics, Stanford University School of Medicine, Stanford, CA</b> Internal Medicine, 2010-2011
Residency	<b>Massachusetts General Hospital, Harvard Medical School, Boston MA</b> Anesthesia, Critical Care and Pain Medicine Residency September 2011- September 2014
Patient Safety	<b>Systems Engineering Initiative for Patient Safety, <i>Short Course on Human Factors Engineering and Patient Safety</i>, Madison WI</b> July 16-20, 2012
M.B.A	<b>Anderson School of Business at UCLA, Los Angeles, CA</b> 2014 - 2018

## **Professional Experience**

Research Assistant	<b>Research Assistant with David Kirp Ph.D, J.D.</b> Dean and Professor, Goldman School of Public Policy, University of California at Berkeley, Berkeley, CA, 2000-2002
Research Assistant	<b>Research Assistant with Ramesh Verma M.D.</b> Executive Vice-Chairman and Professor Department of Radiological Sciences, David Geffen School of Medicine at UCLA, Los Angeles, CA, 2003-2004
Research Assistant	<b>Research Assistant with Daniel Silverman M.D., Ph.D.</b> Department of Nuclear Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA, 2003-2005
Research Analyst	<b><i>Center for Human Rights and Constitutional Law, Los Angeles, CA</i></b> 2004
Research Assistant	<b>Research Assistant with Michael Greicius M.D., &amp; Vinod Menon Ph.D</b> Department of Neurology and Psychiatry, Stanford School of Medicine Stanford, CA, 2005-2010
Intern	<b>Quality Improvement and Patient Safety, Stanford University School of Medicine, Stanford CA,</b> Internal Medicine, January – June 2010
Internal Medicine Intern	<b>Stanford Hospital and Clinics, Stanford University School of Medicine,</b> Stanford, CA Internal Medicine, 2010-2011
Anesthesia Resident	<b>Massachusetts General Hospital, Harvard Medical School, Boston, MA</b> Department of Anesthesia, Pain and Critical Care Medicine September 2011 – September 2014
Clinical Instructor	<b>David Geffen School of Medicine at UCLA</b> Department of Anesthesiology and Perioperative Medicine October 2014 – July 2016
Assistant Clinical Professor	<b>David Geffen School of Medicine at UCLA</b> Department of Anesthesiology and Perioperative Medicine July 2016 – Present

## **Professional Activities**

Founder	Project DULCE (Diabetes: Unidos Lograremos Controlar esta Enfermedad), University of California at Berkeley, Berkeley, CA
Clinical Clerkship Tutor	Stanford University School of Medicine, Stanford, CA 2008-2010
Policy & Advocacy Chair	Stanford Medical Student Association, Stanford School of Medicine, Stanford CA, 2009-2010
Chapter Leader	<i>Stanford Chapter of the Institute for Healthcare Improvement</i> , Stanford University, Stanford CA, 2009-2010
Founder	<i>Hospital Management Collaborative</i> , Stanford University, Stanford CA, 2010
Resident Member	<i>Quality and Safety Improvement Committee</i> , Department of Anesthesia, Massachusetts General Hospital, Boston, MA, 2012 - 2014
Fellowship Director	Anesthesia Perioperative Medicine Fellowship David Geffen School of Medicine at UCLA Department of Anesthesiology and Perioperative Medicine July 2017 – Present
Quality Officer	Quality Measurement and Improvement Committee UCLA Faculty Practice Group, UCLA Health July 2017 – Present
Director of Quality	David Geffen School of Medicine at UCLA Department of Anesthesiology and Perioperative Medicine July 2017 – Present
Clinical Director	UCLA BioDesign Program UCLA Health August 2019 - Present

## Department Committees

Member	Quality Improvement and Quality Assurance Department of Anesthesiology and Perioperative Medicine July 2017 - Present
Co-Director	Quality Council Department of Anesthesiology and Perioperative Medicine July 2017 - Present
Co-Director	Clinical Operations Department of Anesthesiology and Perioperative Medicine
Member	Peer Support Department of Anesthesiology and Perioperative Medicine July 2017 – Present
Member	UCLA Mobile Health Task Force UCLA Health System August 2018 – Present

## Health System Committees

Member	Quality Council UCLA Health July 2017 - Present
Member	Quality Measurement and Improvement Committee Faculty Practice Group UCLA Health July 2017 – Present
Member	Population Health Working Group UCLA Health August 2017 – 2018
Member	High Risk Medication Workgroup UCLA Health November 2017 – Present

## National Society Committees

Member	ASPIRE Quality Committee Multicenter Perioperative Outcomes Group July 2017 - Present
Member	Committee on Future Models of Anesthesia Practice American Society for Anesthesiology October 2017 – Present

## Campus Activities

Clinical Director	UCLA BioDesign UCLA Health August 2019 – Present
Lecturer	Medical Technology Innovation Anderson School of Business January 2018 - Present

## Licensures

The Medical Board of California	Physician & Surgeon #A131694
American Board of Anesthesiologists	#55476

## Honors and Awards

- 2000 - 2003 National Society of Collegiate Scholars, University of California, Berkeley
- 2000-2003 Dean's Honor List, University of California, Berkeley
- 2001-2003 Biology Scholar, University of California, Berkeley
- 2002 Caux Fellow, Caux, Switzerland
- 2003 Distinction in General Scholarship, University of California, Berkeley
- 2004 Phi Kappa Phi Honor Society, University of Southern California, Los Angeles
- 2004 Pi Alpha Alpha, Public Policy Honor Society, University of Southern California, Los Angeles
- 2004 Awarded first prize for the "Top Clinical Abstract," Comparison of FDG, FLT, and FDOPA in PET Studies of Brain Tumor Patients at the Annual Meeting of the Academy for Molecular Imaging, Orlando, Florida.
- 2007 Graduate Student Travel Award granted for abstract submission to the Annual Meeting of Human Brain Mapping, Chicago II, 2007
- 2009 Elected Policy and Advocacy Chairman for the Stanford Medical Student Association
- 2011 Systems-Based Practice Award for Best Contributions to Quality Improvement, Stanford Hospital & Clinics
- 2014 Massachusetts General Hospital Patient Safety Star
- 2015 UCLA Exceptional Physician Award, Nomination, University of California, Los Angeles
- 2015 *Excellence in Resident Teaching, Department of Anesthesiology and Perioperative Medicine, University of California, Los Angeles*
- 2016 *Excellence in Resident Teaching, Department of Anesthesiology and Perioperative Medicine, University of California, Los Angeles*
- 2017 *Excellence in Resident Teaching, Department of Anesthesiology and Perioperative Medicine, University of California, Los Angeles*
- 2017 Semi-Finalist, *KNAPP Competition for Entrepreneurship*, Anderson School of Business, Los Angeles

2017	Finalist, <i>Union Bank Award for Entrepreneurship</i> , Anderson School of Business, Los Angeles
2017	<i>UCLA Exceptional Physician</i> , Award Recipient, University of California, Los Angeles
2018	<i>Excellence in Resident Teaching</i> , Department of Anesthesiology and Perioperative Medicine, University of California, Los Angeles
2019	<i>Paul Lorhan 8<sup>th</sup> Annual Memorial Lecture</i> , 69 <sup>th</sup> Annual Postgraduate Symposium on Anesthesiology, University of Kansas Medical Center
2019	<i>mHealth Fellow</i> , National Institutes of Health & Center of Excellence for Mobile Sensor Data-to-Knowledge

### **Grants & Fellowships:**

<b>Position</b>	<b>Purpose</b>	<b>Amount</b>	<b>Dates</b>	<b>Source</b>
<b>Caux Scholar</b>	Caux Nation-State Conflict Transformation Fellowship	-	Summer 2002	Caux Scholars Program, Caux, Switzerland
<b>Research Analyst</b>	Investigating Resting-State neural networks with fMRI	\$5,000	Summer 2006	T-32 Training grant for Research Methods in Psychiatry National Institutes of Health: Grant # MH019938
<b>MedScholar Researcher</b>	Investigating Resting-State neural networks with fMRI	\$24,000	2006-2007	Stanford University Medical Scholars Fellowship
<b>MedScholar Researcher</b>	Hospital Management Collaborative	\$24,000	January – June, 2010	Stanford University Medical Scholars Fellowship
<b>NSF Innovation Corps</b>	New market customer discovery stipend	\$3,000	3/1/2017-8/1/2017	National Sciences Foundation
<b>mHealth Scholar</b>	mHealth approaches and methodologies	-	7/28/2019 – 8/2/2019	mHealth Training Institute, University of California at Los Angeles

## **UCLA Grand Rounds Speaking Engagements**

1. *The Diabetic Surgical Patient: Can we Achieve Euglycemia?* Anesthesia Grand Rounds, Ronald Reagan Medical Center, UCLA Department of Anesthesiology and Perioperative Medicine, David Geffen School of Medicine, June 17<sup>th</sup>, 2015
2. *M&M Anaphylaxis*, Anesthesia Grand Rounds, Ronald Reagan Medical Center, UCLA Department of Anesthesiology and Perioperative Medicine, David Geffen School of Medicine, October 27<sup>th</sup>, 2015
3. *The Next Generation of Anesthesiologists: A Call to Disrupt and Rebrand Anesthesia for Better Value*, Anesthesia Grand Rounds, Ronald Reagan Medical Center, UCLA Department of Anesthesiology and Perioperative Medicine, David Geffen School of Medicine, September 13<sup>th</sup>, 2017
4. *M&M: Preoperative Evaluation and Optimization - A Case Report*, Anesthesia Grand Rounds, Ronald Reagan Medical Center, UCLA Department of Anesthesiology and Perioperative Medicine, David Geffen School of Medicine, October 25<sup>th</sup>, 2017
5. *M&M on M&M: The State of our Department*, Anesthesia Grand Rounds, Ronald Reagan Medical Center, UCLA Department of Anesthesiology and Perioperative Medicine, David Geffen School of Medicine, November 1st, 2017
6. *The Quantified-Self Movement: Implications for the Perioperative Anesthesiologist*, Anesthesia Grand Rounds, Ronald Reagan Medical Center, UCLA Department of Anesthesiology and Perioperative Medicine, David Geffen School of Medicine, November 14<sup>th</sup>, 2017
7. *M&M on M&M: A Case of Multiple Complexities*, Anesthesia Grand Rounds, Ronald Reagan Medical Center, UCLA Department of Anesthesiology and Perioperative Medicine, David Geffen School of Medicine, April 4th, 2018

## **Anesthesia Didactic Lectures**

1. *Endocrine Part Deux: Diabetes Mellitus & Carcinoid*. CA-2 & CA-3 Resident Lecture, Ronald Reagan Medical Center, UCLA Health, January 27<sup>th</sup>, 2015
2. *The Old and the New of Urologic Surgery: The Robotic Revolution and TURP Syndrome*. CA-1 Resident Lecture, Ronald Reagan Medical Center, UCLA Health, March 31st, 2015
3. *Medical Student Airway Management*. Academic Medical College Procedures Section, David Geffen School of Medicine at UCLA. July 10<sup>th</sup>, 2015
4. *Endocrine Part Deux: Diabetes Mellitus & Carcinoid*. CA-2 & CA-3 Resident Lecture, Ronald Reagan Medical Center, UCLA Health, January 12<sup>th</sup>, 2016
5. *Medical Student Simulation Session*. Pulmonary Physiology Block, David Geffen School of Medicine at UCLA. March 3rd, 2016



6. *The Pearls of Pressure/Volume Loops*. CA-1 Resident Lecture, Ronald Reagan Medical Center, UCLA Health, September 20<sup>th</sup>, 2016
7. *Endocrine Part Deux: Diabetes Mellitus & Carcinoid*. CA-2 Resident Lecture, Ronald Reagan Medical Center, UCLA Health, January 17<sup>th</sup>, 2017
8. *Pre-Anesthetic Evaluation*, CA-0 Resident Lecture, Ronald Reagan Medical Center, UCLA Health, April 19<sup>th</sup>, 2017
9. *Endocrine Part Deux: Diabetes Mellitus & Carcinoid*. CA-2 Resident Lecture, Ronald Reagan Medical Center, UCLA Health, January 9<sup>th</sup>, 2018
10. *Getting More For What You Are Worth: Negotiating your first job contract*, CA-3 Practice Management Lecture, Ronald Reagan Medical Center, UCLA Health, April 24<sup>th</sup>, 2018
11. *Pre-Anesthetic Evaluation*, CA-0 Resident Lecture, Ronald Reagan Medical Center, UCLA Health, May 25<sup>th</sup>, 2018
12. *Getting More For What You Are Worth: Negotiating your first job contract*, CA-3 Practice Management Lecture, Ronald Reagan Medical Center, UCLA Health, September 2<sup>nd</sup>, 2018
13. *Endocrine Part Deux: Diabetes Mellitus & Carcinoid*. CA-2 Resident Lecture, Ronald Reagan Medical Center, UCLA Health, January 29<sup>th</sup>, 2019
14. *Getting More For What You Are Worth: Negotiating your first job contract*, CA-3 Practice Management Lecture, Ronald Reagan Medical Center, UCLA Health, September 3<sup>rd</sup>, 2019
15. *Endocrine Part One: Diabetes Mellitus & Carcinoid*. CA-2 Resident Lecture, Ronald Reagan Medical Center, UCLA Health, January 7<sup>th</sup>, 2020

## **Lectures & Presentations**

1. Chen W, Cloughesy T, **Kamdar N**, Bergsneider M, Liau L, Czernin J, Phelps M, Silverman DH. *Imaging cell proliferation and amino acid uptake using FLT and FDOPA in patients with brain tumors: comparison with FDG*, presented at the 8<sup>th</sup> Annual Meeting of the Society of Neuro-Oncology, November 13-16, 2003, Keystone, Colorado.
2. Chen W, **Kamdar N**. *F-Dopa, FLT, and FDG in Imaging Brain Cancer: Initial Experience and Clinicopathologic Correlations*, presented at the Ahmanson Biological Imaging Center, UCLA Medical Center, December 2<sup>nd</sup>, 2003.
3. **N. Kamdar**, W. Chen, T. Cloughesy, L. Liau, M. Bergsneider, N. Satyamurthy, J. Barrio, J. Czernin, M. E. Phelps, D.H. Silverman, *Predicting the survival of patients with brain tumors using FDG, FLT, and FDOPA-PET uptake measures*, abstract presented at the Annual Meeting for the Society for Neuro-oncology, November 18-21, 2004, Toronto, Canada

4. **Kamdar N.**, Eckert M, Chang C, Greicius M, Menon V., *Context Dependent Interaction of Primary Auditory and Visual Cortices*, poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA., April 10<sup>th</sup>, 2006
5. **Kamdar N.**, Greicius MD., Chang CE., Beckmann CH., Nguyen D., Wu S., Anguiano J., Menon V., *Intrinsic default-mode and executive control networks in children: relation to individual differences in working memory capacity*, Annual Meeting for Human Brain Mapping., Chicago IL, 2007.
6. **Kamdar N.**, Berekenyei S., Goldhaber-Fiebert S., *Emergency Manuals for Operating Room Crises: Implementation, Dissemination, and Adoption at Stanford Hospital and Clinics*, Poster presented at the Annual Conference on the Science of Dissemination and Implementation, Bethesda, MD Dec 9<sup>th</sup> 2014

### **Domestic Invited Speaking Engagements**

1. Alumni Address, 10 Year Anniversary Biology Scholar Program Gala, Biology Scholars Program, Howard Hughes Medical Institute, October 18<sup>th</sup>, 2002, San Francisco, CA
2. Alumni Keynote Address, Biology Scholars Program Inauguration, Biology Scholars Program, Howard Hughes Medical Institute, September 15<sup>th</sup>, 2005, Berkeley CA
3. Introduction of Atul Gawande, MD MPH, Anesthesia Grand Rounds, Massachusetts General Hospital, March 22<sup>nd</sup>, 2012, Boston MA
4. *The Perioperative Surgical Home: A Value-Based Surgical Care Innovation*, Anesthesia Grand Rounds, North Shore Medical Center, Salem MA, September 9<sup>th</sup>, 2014
5. *The Next Generation of Anesthesiologists: A Call to Disrupt and Rebrand Anesthesia and Surgical Care for Better Value*, Anesthesia Grand Rounds, Massachusetts General Hospital, Boston MA, September 11<sup>th</sup>, 2014
6. *Pre and Perioperative Diabetes Recommendations*. 4<sup>th</sup> Annual UCLA Diabetes Symposium, Lowes Santa Monica Beach Hotel, December 3<sup>rd</sup>, 2016
7. *The Diabetic Surgical Patient: How can we achieve euglycemia?* Anesthesia Grand Rounds, Olive View Medical Center, Silmar, CA February 23<sup>rd</sup>, 2017
8. *The Diabetic Surgical Patient: How can we achieve euglycemia?* Multi-disciplinary Grand Rounds, White Memorial Medical Center, Adventist Health, Los Angeles, CA, August 3<sup>rd</sup>, 2017
9. *Preoperative Evaluation & Risk Assessment: An Anesthesiologist's Perspective*, Gerardeau Medical Group, Cape Gerardeau, MO September 16<sup>th</sup>, 2017
10. *The Diabetic Surgical Patient: How can we achieve euglycemia?* Anesthesia Grand Rounds, White Memorial Medical Center, Adventist Health, Los Angeles, CA, October 11<sup>th</sup>, 2017
11. *Getting More For What You Are Worth: Negotiating your first job contract*, Anesthesia Resident Lecture, Massachusetts General Hospital, October 21<sup>st</sup>, 2017, Boston MA

12. *Telehealth: The UCLA Experience, Perioperative Surgical Home Collaborative*, Advanced Cohort, Webinar, January 24th, 2018
13. *Preoperative Evaluation & Risk Assessment: An Anesthesiologist's Perspective*, Division of Family Medicine, Ronald Reagan Medical Center, David Geffen School of Medicine, February 27th, 2018
14. *Pheochromocytoma: A Model for Orphan Drug Econometrics and Value Based Care*, Anesthesia Grand Rounds, Stanford University, April 30<sup>th</sup>, 2018
15. *Telehealth and Mobile Health for the Perioperative Physician*, American Society of Anesthesiology, Annual Meeting, San Francisco CA, October 15th, 2018
16. *Using Technology to Help with Quality, Staffing and Economics: Pre-Ops at Home*, Society of Academic Associations of Anesthesiology and Perioperative Medicine, Annual Meeting, Chicago IL, November 3rd, 2018
17. *The Next Generation of Anesthesiologists: A Call to Disrupt and Rebrand Anesthesia and Surgical Care for Better Value*, CSA Annual Conference, March 9<sup>th</sup>, 2019
18. *Design Thinking for Anesthesiologists*, CSA Annual Conference, March 9<sup>th</sup>, 2019
19. *Telemedicine Pre-Ops and Remote Monitoring for the Perioperative Anesthesiologist*, American Society of Anesthesiology, Annual Postgraduate Symposium on Anesthesiology, Kansas City, KS April 27th, 2019
20. *The Next Generation of Anesthesiologists: A Call to Disrupt and Rebrand Anesthesia and Surgical Care for Better Value*, Annual Postgraduate Symposium on Anesthesiology, Kansas City, KS April 27th, 2019
21. *The Next Generation of Anesthesiologists: A Call to Disrupt and Rebrand Anesthesia and Surgical Care for Better Value*, Anesthesia Grand Rounds, Medical College of Wisconsin, Milwaukee, WI, May 1<sup>st</sup>, 2019
22. *Teaching Telehealth: Experience and Research*, UC Telehealth Summit, University of California, Davis, October 4<sup>th</sup>, 2019
23. *The Quantified-Self Movement: What does it mean for the Perioperative Anesthesiologist*, Anesthesia Grand Rounds, Department of Anesthesiology, Critical Care and Pain Medicine, Northshore University Health System, October 9<sup>th</sup>, 2019
24. *Innovations in Preoperative Assessment and Optimization*, American Society of Anesthesiology, Annual Meeting, Orlando FL, October 23th, 2019
25. *Rebranding Anesthesia for Better Quality and Value*, Medical Directors Conference, Premier Anesthesia Inc. Alpharetta GA, February 21<sup>st</sup>, 2020
26. Invited Faculty Grand Rounds Lecture, Massachusetts General Hospital, Harvard Medical School, Boston MA, April 16<sup>th</sup>, 2020 (Postponed due to COVID19 pandemic)

27. *Getting More For What You Are Worth: Negotiating your first job contract*, General Surgery Resident Lecture, UCLA, May 6<sup>th</sup>, 2020, Los Angeles, CA
28. *Consults During COVID-19: Telemedicine and Remote Patient Monitoring*. Changing your clinical practice with COVID-19: A Primer. Webinar, American College of Perioperative Medicine, June 4<sup>th</sup>, 2020
29. *Telemedicine and Remote Patient Monitoring Across the Perioperative Continuum*, American Society of Anesthesiologists, Annual Meeting, Washington DC, October 3<sup>rd</sup>, 2020 (Scheduled)

### **International Invited Speaking Engagements**

1. *Pheochromocytoma: A Model for Orphan Drug Econometrics and Value Based Care*, Grand Rounds, Kasturba Health Society – Medical Research Center, Mumbai, India, December 4th, 2018
2. *Pheochromocytoma: A Model for Orphan Drug Econometrics and Value Based Care*, Grand Rounds, P.D. Hinduja Hospital & Medical Research Centre, Mumbai India, December 13th, 2018

### **Media Mentions**

1. [Telemedicine in Anesthesia: Perioperative Medicine's Newest Disruptor?](#) Anesthesia Industry eAlerts, *Anesthesia Business Consultants*, October 29<sup>th</sup>, 2018
2. [UC Los Angeles physicians are using telemedicine to transform the perioperative experience – Here's How](#), *Becker's ASC Review*, October 30<sup>th</sup>, 2018
3. [The Rise of Virtual Medicine](#), *Healthcare Executive*, September/October, 2019
4. [Telemedicine gets high patient satisfaction ratings in urban settings](#). *Anesthesiology News*, May 18<sup>th</sup>, 2020

### **Patient Editorials**

1. [Surgery Recovery with Less Drugs](#), *Patient Stories*, UCLA Health, February 4, 2020
2. [Long search for anesthesiologist](#), *Patient Stories*, UCLA Health, November 29, 2017
3. [Hip Replacement Surgery](#), *Patient Stories*, UCLA Health, May 20, 2017

## Consulting and Management Experience

- 2004            **Research Analyst**, *Center for Human Rights and Constitutional Law*, Los Angeles, CA
- Researched consequences of the 1987-1988 Immigrant Reform and Control Act (IRCA) amnesty policy for undocumented immigrants in the United States with Peter A. Shay, Attorney at Law
  - Compared the differences between undocumented immigrants who were able to obtain amnesty to those who were excluded from the amnesty program.
  - Prepared a report on behalf of the Center for Human Rights and Constitutional Law to urge the United States Congress to grant a second amnesty for undocumented immigrants in the United States in 2004
- 2009-2010    **Chapter Leader**, *Stanford Chapter of the Institute for Healthcare Improvement (IHI)*, Stanford University, Stanford CA
- Organized speaker series and fireside chats with leaders regarding quality improvement at Stanford School of Medicine
  - Facilitated an integration of a QI curriculum into the Practice of Medicine pre-clinical coursework
  - Coordinated IHI activities with the Hospital Management Collaborative to bridge the Open School curriculum with a research and implementation arm within the School of Medicine.
- 2009-2010    **Founder, Hospital Management Collaborative, Stanford University, Stanford CA**  
**Stanford, CA**
- Created a multi-disciplinary consulting system for hospital operations and management by integrating teams from the Stanford School of Medicine, Stanford Graduate School of Business, and Stanford Management Science and Engineering for quality improvement at Stanford University Hospital and Clinics.
  - The system identifies and generates action-oriented analyses and recommendations for real hospital problems at Stanford University School of Medicine.
- August  
19<sup>th</sup>-23<sup>rd</sup>,  
2013            **Patient Safety Analyst**, *Department of Anesthesia, Critical Care and Pain Medicine*,  
*Massachusetts General Hospital*, Boston, MA
- Evaluated the utility of Operating Room Emergency Manuals in the Stanford Hospital & Clinics for a \$10,000 implementation plan for the Massachusetts General Hospital
  - Conducted 66 qualitative and quantitative interviews and provided an implementation analysis for the Massachusetts General Hospital
- 2010-2014    **Founder, CODA Health L.L.C. Redwood City, CA**
- A registered California small business dedicated to creating low-cost devices for hospital quality improvement

- Founders include: Josemaria Paterno M.D., Nirav Kamdar M.D., MPP., and Nicholas Alexi, Ph.D

2015 – **Medical Advisor, [HAI Solutions LLC](#), Redlands, CA**

- Present
- Developed customer feedback studies for new product development and FDA submissions for initial seed round funding of \$2.6 million
  - Reviewed patent submissions for product development and intellectual property portfolio
  - Designed fluid dynamic functions of a new peripheral intravenous catheter device for engineering specs of the prototype design
  - Seed Preferred Shareholder

2016 – **Advisory Board, *Salastina Music Society*, Pasadena, CA**

- Present
- Directs finance and fundraising for a Pasadena-based chamber music society
  - Designed strategy to target millennial demographic for patron growth

2018 – **Medical Advisor, [HeartCloud Inc.](#)**

- Present
- Developed use cases for anesthesia perioperative remote patient monitoring using consumer wearable technology
  - Optimized web-based and mobile application design for clinician use
  - Researched accuracy of cardiac and exercise capacity data visualization in the pre-surgical population

## Community Service

2016 - **Advisory Board, *Salastina Music Society*, Pasadena, CA**

- present
- Directed finance and fundraising for a Pasadena-based chamber music society
  - Designed strategy to target millennial demographic for patron growth
  - Hosted the Los Angeles launch of Groupmuse on March 4<sup>th</sup>, 2017. ([www.groupmuse.com](http://www.groupmuse.com))

2017 **‘An Evening with Emily Afton,’ Santa Monica, CA**

- Organized home-based artistic music show and exhibition for the Department of Anesthesiology at UCLA for Anesthesia Wellness
- Launched a first tour for this Oakland, CA based music artist trio
- Raised \$1,500 for the trio’s first traveling tour

2017 **‘Sounds Intimate,’ Groupmuse.com, Boston, MA**

- Organized home-based chamber music show for Salastina Music Society

- Launched Groupmuse.com in Los Angeles (A Boston based chamber music startup company)
- Raised over \$1,300 for a local, Pasadena based, Chamber Music Group

2017

**‘Sounds Genius,’ Salastina Music Society, Pasadena Arts Council, Pasadena, CA**

- Organized home-based chamber music show for Salastina Music Society
- Raised over \$2,400 for a local, Pasadena based, Chamber Music Group

## Publication Bibliography

### Peer Reviewed Publications

1. Chen W., Cloughesy T., **Kamdar N.**, Satyamurthi N., Liau L., Bergschneider M., Michel P., Czernin J., Phelps M., Silverman D.H., *Imaging Proliferation in Brain Tumors with 18F-FLT PET: Comparison with FDG*, Journal of Nuclear Medicine, Jun;46(6):945-52, 2005
2. Chen W., Silverman DH., Delaloye S., Czernin J., **Kamdar N.**, Satyamurthi N., Schiepers C., Cloughesy T. *18F-FDOPA PET imaging of brain tumors: comparison study with 18F-FDG PET and evaluation of diagnostic accuracy.*, Journal of Nuclear Medicine., J Nucl Med. 2006 Jun;47(6):904-11.
3. Eckert M, **Kamdar NV.**, Chang CE., Beckmann CF., Greicius MD, Menon V., *A cross-modal system linking primary auditory and visual cortices: evidence from intrinsic fMRI connectivity analysis*, Human Brain Mapping, 29(7):848-57, 2008
4. **Kamdar N.**, Erko A., Ehrlich J., Kim J., Kambham N., Chertow G., *Choroidopathy and Kidney Disease.*, Cases Journal, May 2009
5. Habas C., **Kamdar N\***, Nguyen D., Prater K, Beckmann CF., Menon V., Greicius MD., *Distinct cerebellar contributions to intrinsic connectivity networks*, Journal of Neuroscience, 29(26), 2009  
\* Co-first authorship designated on manuscript
6. Chick JF, Chauhan NR, Mullen KM, **Kamdar NV**, Khurana B., *Teaching Neuroimages: massive abdominal CSFoma*, Neurology, 80(13), 2013
7. Meyer MJ., Hyder JA., Cole DJ., **Kamdar, NV.** *The Mandate to Measure Patient Experience: How Can Patient's "Value" Anesthesia Care?\**, Anesthesia & Analgesia 122(4): 1211-5, 2016  
\* Manuscript profiled on cover as a featured article for issue
8. **Kamdar N.**, Rahman S., Hoftman N., Cannesson M. *Opioid-Free analgesia in the era of enhanced recovery after surgery and the surgical home: implications for postoperative outcomes and population health*, Anesthesia & Analgesia 125(4), October 2017: 1089-1091
9. Blackney KA, **Kamdar NV.**, Liu CA., Edwards DA. *Methylnaltrexone-associated Bowel Perforation in Postoperative Opioid-Induced Constipation and Ogilvie Syndrome: A Case Report*, Anesthesia and Analgesia Practice, January 15<sup>th</sup> 2019.
10. **Kamdar NV.**, Fleisher, L., Cole DJ. *Perioperative Brain Health – It's Not All Positive Attitude, Exercise and Superfoods.* Anesthesia Patient Safety Foundation Newsletter, 33(3), February, 2019
11. **Peeters S.**, Hu T., Press M., Nagasawa DT., **Kamdar N.**, Brook R., Cruz D., Macyszyn L. *Cangrelor Bridging within 6 Months of a Drug-Eluting Stent in a Patient for Emergency Cervical Spine Surgery: A Case Report.* Anesthesia and Analgesia Practice, March 6<sup>th</sup>, 2019
12. Jalilian L., Cannesson M., **Kamdar NV.** *Remote Monitoring in the Perioperative Setting: Calling for Research and Innovation Ecosystem Development\**. Anesthesia & Analgesia 129(3), September 2019  
\* Manuscript profiled on cover as a featured article for issue



13. **Kamdar NV**, Jalilian L. *Telemedicine: A Digital Interface for Perioperative Anesthetic Care*\*, Invited editorial, *Anesthesia & Analgesia* 130(2), February, 2020: 272-275  
\* Manuscript profiled on cover as a featured article for issue
14. Lu A., Cannesson M., **Kamdar NV**. *The Tipping Point of Medical Technology: Implications for the Post-Pandemic Era*. Accepted to *Anesthesia & Analgesia*. August, 2020
15. **Kamdar NV**., Huverserian A., Jalilian L., Thi W., Duval V., Beck LN., Brooker L., Lin A., Cannesson M. *Development, Implementation, and Evaluation of a Telemedicine Evaluation Initiative at a Major Academic Medical Center*. Manuscript under review at *Anesthesia & Analgesia*.
16. Saska D., Shuch B., Donahue T., Cusumano L., Yu R., Alapag C., **Kamdar NV**. *Telemedicine-based perioperative management of pheochromocytoma in a patient with Von Hippel Lindau Disease*. Manuscript under review at *Anesthesia & Analgesia Practice*
17. Canales C., Martinez L., **Kamdar NV**. *Cerebrovascular Accident Manifesting as Altered Mental Status During a Telehealth Visit: A Case Report of Preoperative Evaluation in the COVID-19 Era.*, Manuscript under review at *Anesthesia & Analgesia Practice*

## **Book Chapters**

1. Kirp, D. and **Kamdar N.V**. *The British are Coming...and Going*, Shakespeare, Einstein, and the Bottom Line, Harvard University Press, Cambridge MA, 2003
2. Pian-Smith MCM, **Kamdar N**, Longnecker DE, Cooper JB. *Safety and Quality: The Guiding Principles of Patient-Centered Care*. In: Anesthesiology, 3<sup>rd</sup> edition, McGraw-Hill Education, August 28<sup>th</sup>, 2017

## **Letters to the Editor**

1. **Kamdar N.**, Scemama de Gialluly. *Academic Anesthesia: Innovate to Avoid Extinction.*, *Anesthesiology* 121(2): 427-428, 2014
2. **Kamdar N.**, Hofer I., *Safe and Scalable Device Design, A Call for Open Standards*. *Anesthesiology* 121(4), 2014
3. Jalilian L, Cannesson M, **Kamdar NV**. *Post-ICU Recovery Clinics in the Era of Digital Health and Telehealth*. *Critical Care Medicine* 47(9), 2019

## **Multi-Media Publications**

1. **Kamdar N**. [Rebranding Anesthesia for Better Value](#). AudioDigest *Anesthesiology* 61:27 (July 21<sup>st</sup>), 2019
2. **Kamdar N**. [Telemedicine for Preoperative Assessment and Remote Monitoring for the Perioperative Anesthesiologist](#). AudioDigest *Anesthesiology* 61:36 (September 28<sup>st</sup>), 2019

## **Social Media Based Publications & Blog Entries**

1. **Nirav Kamdar** & Matthew Meyer, [Shorten recovery with prehabilitation before surgery](#), KevinMD.com, June 1<sup>st</sup>, 2019
2. **Nirav Kamdar**, [It's Time for ACGME to Require Telemedicine Training for Residents](#). Op-Med. Opmed.doximity.com. June 13<sup>th</sup>, 2019

## **Non-Peer Reviewed Publications**

1. Dhillon A, **Kamdar NV**, Mahajan A. *PSH: A Value-Based Care Clinical Pathway*, ASA Monitor, 78(10), October 1<sup>st</sup> 2014
2. **Kamdar, N.**, Kamdar, V., Martinez D. *Perioperative and Intraoperative Diabetes Pathway*. UCLA Department of Anesthesia and Perioperative Medicine, December 12<sup>th</sup>, 2015
3. Rai A., Hong, J., **Kamdar, N.** [UCLA Guide for Procedures: Laparoscopic Adrenalectomy for Pheochromocytoma](#), September 16<sup>th</sup>, 2016
4. **Kamdar, N.**, *Mining "Big Data" To Improve Patient Care*, Open Circuit, UCLA Health, Winter 2016
5. **Kamdar N.**, Huverserian A., Beck, L., Regev A., Mahajan A. *Telemedicine for Anesthesiologists: Pre-Operative Evaluation and Beyond*, ASA Monitor, October 2018
6. **Kamdar N.**, *Perioperative Telemedicine: Should your practice make the digital leap?* Invited monograph to *Communique*. Anesthesia Business Consultants, Fall 2019
7. Beck L., Lee C., Cannesson M., **Kamdar N.** *Current Status of the Perioperative Surgical Home – How do we differentiate it from ERAS*. ASA Monitor, March 2020

## **Scientific Abstracts**

1. Verma RC, Rahimian J, Gan M, Go A, **Kamdar N.** *<sup>18</sup>F-Fluoroethylspiperone brain imaging in normal and alcoholic subjects*, submitted to the International Association of Molecular Imaging Annual Meeting, September 21-27, 2003, Madrid, Spain.
2. Verma R, Rahimian J, Rapkin A, Chaudhary A, Lemus J, Gan M, **Kamdar N.** *Prospective evaluation of effect of sex steroids on brain glucose metabolism in post-menopausal women*, Molecular Imaging and Biology, Vol. 5 No. 3, 2003 pg. 183
3. Verma RC, Rahimian J, **Kamdar N.**, Gan M. *Brain Dopamine D2 Receptor Binding in Alcoholic and Control Subjects*, Scientific Assembly and Annual Meeting, Radiological Society of North America, November 30- December 5, 2003. No. 1380 pg. 657.

4. Chen W, Cloughesy T, **Kamdar N**, Liao L, Czernin J, Phelps M, Silverman DH. *Novel PET tracers to image amino acid transport and cell proliferation in brain tumors*, abstract accepted in *Neuro-Oncology*, 5(4), 2003
5. Chen W, Cloughesy T, **Kamdar N**, Liu L, Czernin J, Phelps ME, Silverman DHS. *Comparison of FDG, FLT, and FDOPA in PET Studies of Brain Tumor Patients*, presented at the Academy of Molecular Imaging Annual Conference, March 27-31, 2004, Orlando Florida
6. Chen W, Cloughesy T, **Kamdar N**, Bergsneider M, Liao L, Huang H, Barrio J, Phelps M.E., Satymurthy N, Czernin J, Silverman D.H., *Imaging gliomas with FDOPA and FLT, compared with FDG*, *Journal of Nuclear Medicine Supplement*, Vol. 45, No. 510.
7. **Kamdar N**, Chen W, Pope W, Cloughesy T, Bergsneider M, Liao L, Huang H, Barrio J, Phelps M.E., Silverman D.H., *Comparing FDOPA PET patterns to MRI T1 and T2 signals with newly diagnosed and recurrent brain gliomas*, *Journal of Nuclear Medicine Supplement*, Vol. 45, No. 846
8. C Schiepers, W Chen, SC Huang, **N Kamdar**, DHS Silverman, T Cloughesy, ME Phelps, M Dalbloom. *18F-FDOPA Kinetics of Brain Tumors*, Annual Congress of the European Association of Nuclear Medicine, September 4-8, 2004, Helsinki, Finland
9. **N. Kamdar**, W. Chen, T. Cloughesy, L. Liao, M. Bergsneider, N. Satyamurthy, J. Barrio, J. Czernin, M. E. Phelps, D. H. Silverman, *Predicting the survival of patients with brain tumors using FDG, FLT, and FDOPA-PET uptake measures*, Annual Meeting for the Society for Neuro-oncology, November 18-21, 2004, Toronto, Canada
10. W. Chen, **N. Kamdar**, T. Cloughesy, N. Satyamurthy, M. Bergsneider, L. Liao, J. Czernin, M.E. Phelps, D.H. Silverman, *Comparing the prognostic power of FLT and FDG PET in predicting time to tumor progression and patient survival in human gliomas*, abstract presented at the Annual Conference of the Academy of Molecular Meeting, March 19– 23, 2005, Orlando, Florida
11. Eckert M., **Kamdar N.**, Greicius M., Sheih, M., Chang C., Menon V., *Auditory Systems Networks in Resting State fMRI data*, poster presented at the midwinter meeting of the Association for Research in Otolaryngology, Baltimore MD., February 5-9, 2006
12. **Kamdar N.**, Eckert M, Chang C, Greicius M, Menon V., *Context Dependent Interaction of Primary Auditory and Visual Cortices*, poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA., April 10<sup>th</sup>, 2006
13. **Kamdar N.**, Greicius MD., Chang CE., Beckmann CH., Nguyen D., Wu S., Anguiano J., Menon V., *Intrinsic default-mode and executive control networks in children: relation to individual differences in working memory capacity*, Annual Meeting for Human Brain Mapping., Chicago Il, 2007. (Abstract awarded 2007 Graduate Student Travel Award for presentation)
14. **Kamdar N.**, Greicius MD., Nguyen D., Keller K., Anguiano, J., Menon V., *Task-induced default-mode deactivation in children*, Annual Meeting for the Society for Neuroscience, San Diego CA, 2007.
15. **Kamdar N.**, Hooper KH, Braddock CB, *The Hospital Management Collaborative*, Annual International Forum on Quality and Patient Safety, Nice, France, April 20<sup>th</sup>-23<sup>rd</sup>, 2010

16. **Kamdar N.**, Leo T, Rogers I, Vagelos R., *Typical Chest Pain, Atypical Findings: the diagnostic value of cardiac MRI to distinguish acute myocardial infarction and myocarditis.*, American College of Physicians Annual Conference, November 19-20<sup>th</sup>, 2010 San Francisco, CA
17. **Kamdar, N.**, Goldhaber-Fiebert S, *Emergency Manuals for Operating Room Crises: Lessons from Stanford Hospital and Clinics*, submitted to the International Forum on Quality and Patient Safety, Paris, France, April 8-11<sup>th</sup>, 2014
18. **Kamdar NV.**, Berekenyei S., Goldhaber-Fiebert S., *Emergency Manuals for Operating Room Crises: Implementation, Dissemination, and Adoption at Stanford Hospital and Clinics*, accepted at the Annual Conference on the Science of Dissemination and Implementation, Bethesda, MD Dec 8-9<sup>th</sup> 2014
19. Nguyen-Buckley C., Cao C., **Kamdar N.** *Clevidipine for afterload reduction during pheochromocytoma resection in patient with pectus excavatum.* Annual Meeting of the American Society of Anesthesiologists, October 22-26<sup>th</sup>, 2016. Chicago, IL
20. Huverserian A., **Kamdar N.** *Actigraphy to Predict Uncontrolled Pain in a Surgical Patient with High Potential for Readmission.* Submitted to the Annual Meeting of the American Society of Anesthesiologists, October 13-17<sup>th</sup>, 2018. San Francisco, CA
21. Beck L., Moreland N., Calfon-Press M., Macyszyn L., **Kamdar NV.** *Perioperative Coordination for Novel Use of Cangrelor to Bridge Antiplatelet Therapy in a High-Risk Patient with Recent Drug Eluting Stents*, Annual Meeting of the American Society of Anesthesiologists, October 13-17<sup>th</sup>, 2018. San Francisco, CA
22. Shah S., **Kamdar N.** *Closed-Loop Anesthetic System: A Disruptive Solution to Anesthesiology.* Practice Management Conference. American Society of Anesthesiologists, January 19<sup>th</sup>, 2019
23. Shah S., **Kamdar N.** *Closed-Loop Physiology System: Symbiosis Through Disruption.* California Society of Anesthesiologists Annual Meeting, March 9<sup>th</sup>, 2019
24. Thi WJ., Huverserian A., Maloney NJ, **Kamdar NV.** *Patient Savings by Utilizing Telemedicine for Pre-Operative Anesthesia Evaluations in a Metropolitan Health System.* Western Anesthesia Resident's Conference. May 12<sup>th</sup>, 2019
25. Huverserian A., **Kamdar N.** *Perioperative Remote Monitoring using Wearables at UCLA: A Case Series.* Western Anesthesia Resident's Conference. May 12<sup>th</sup>, 2019 (Oral Presentation)
26. Huverserian A., **Kamdar N.** *Telemedicine Preoperative Optimization Initiative at a Major Academic Medical Center.* Western Anesthesia Resident's Conference. May 12<sup>th</sup>, 2019 (Oral presentation. awarded 1<sup>st</sup> place)
27. Huverserian A., **Kamdar N.** *Telemedicine Preoperative Optimization Initiative at a Major Academic Medical Center.* American Society for Anesthesiology Annual Conference. October 21st, 2019 (Selected for oral presentation and featured conference abstract)

28. Thi WJ., Huverserian A., Maloney NJ, **Kamdar NV**. *Savings Advantage of a Telemedicine-based Preoperative Evaluation in an Academic Anesthesia Program*. American Society for Anesthesiology Annual Conference. October 21st, 2019 (Selected for oral presentation.)
29. Saksa D., Shuch B., Donahue T., Cusumano L., **Kamdar NV**. *Telemedicine-based perioperative management of pheochromocytoma and pancreatic tumor in a patient with Von Hippel Lindau disease*. California Society of Anesthesiologists, San Diego, CA, April 3<sup>rd</sup>, 2020
30. Jalilian L., Wu I., Ing J., Thi W., Brooker L., Simkovic M., Grogan T., Lin A., **Kamdar NV**. *Evaluation of a Pain Telemedicine Initiative at a Major Academic Medical Center*. Submitted to the American Society of Anesthesiology Annual Conference. October 9-14<sup>th</sup>., Washington DC.
31. Dong X., Wu I., Ing J., Thomas E., Simkovic M., Grogan T., Lin A., **Kamdar NV**., Jalilian L. *Geospatial Information System Analysis of Telemedicine Pain Management Program Before and After COVID "Safer-At-Home" Implementation*. Submitted to the American Society of Anesthesiology Annual Conference. October 9-14<sup>th</sup>., Washington DC.

## **Interests**

- Visual and Performing Arts Philanthropy
- Medical Device Design
- Tennis
  - Assistant Coach, High School Varsity Tennis Team, The Buckley School, Sherman Oaks, CA
  - Varsity Level; Captain of High School Team; All-League Doubles Player
  - Club Level at University of California, Berkeley