

May 2023

A. IDENTIFYING DATA

Name Graham E. Abra, M.D.

B. ACADEMIC HISTORY

Colleges and Universities Attended

2001 B.A. Summa Cum Laude (Psychology), San Diego State University
2006 M.D., University of California, San Diego School of Medicine

Residency and Fellowship Training

2006 – 2007 Internship, Internal Medicine, University of California, San Diego
2007 – 2009 Residency, Internal Medicine, University of California, San Diego
2009 – 2010 Chief Medical Resident, Internal Medicine, University of California, San Diego
2010 – 2012 Fellowship, Nephrology, Stanford University
2011 – 2013 Fellow, Clinical Excellence Research Center, Stanford University
2012 – 2013 Fellow, Patient Centered Outcomes Research, Veterans Affairs Palo Alto

Board Certification

2009 – 2029 American Board of Internal Medicine – Internal Medicine
2012 – Present American Board of Internal Medicine – Nephrology, participating in Longitudinal Knowledge Assessment

Licensure

2007 – Present California Medical License

C. EMPLOYMENT

Academic Appointments:

9/2015 – Present Clinical Assistant Professor
Stanford University, Department of Medicine, Division of Nephrology
Stanford, California

Non-Academic Appointments:

8/2012 – 6/2013 Consultant, Satellite Health Plan
8/2012 – 8/2015 Nephrologist, Palo Alto Medical Foundation

6/2013 – 12/2014 Medical Director and VP of Clinical Innovation, Satellite Health Plan

1/2015 – 9/2019 Director, Medical Clinical Affairs, Satellite Healthcare

10/2019 – 6/2021 Senior Director, Medical Clinical Affairs, Satellite Healthcare

7/2021 – 9/2021 Vice President, Medical Affairs and Home Therapy, Satellite Healthcare

10/2021 – 6/2022 Chief Medical Officer, Home Therapies, Satellite Healthcare

D. TEACHING AND CLINICAL CARE

Clinical Teaching Responsibilities

2015 – 2020 Stanford Nephrology Fellow, Home Dialysis Medical Director immersion half day/month

2015 – Present Stanford Nephrology Fellow Supervision, General Nephrology Clinic half day/week

2015 – Present Stanford Internal Medicine Resident Supervision, General Nephrology Clinic half day/week

2015 – Present Stanford Hospital Nephrology Ward Attending 2-4 weeks/year

2015 – Present Stanford Nephrology Fellow Supervision in Home Dialysis Clinic 1 day/month

Other Teaching Experience

2015 – Present Stanford Nephrology Fellow Core Curriculum Lecture Series, Home Hemodialysis, 1 hour/year

2020 – Present Course Co-Director, Home Dialysis Academy of Excellence, annual 3 day symposium covering core peritoneal dialysis and home hemodialysis topics for Nephrology Fellows and Advanced Practice Practitioners, collaboration between University of California, Davis, Stanford University and Satellite Healthcare

2020 – 2022 Course Director and Moderator, Satellite Healthcare Grand Rounds: Home Clinical Forum, 1 hour/month, 100-200 participants including nurses, dieticians and social workers across 40 Home Dialysis centers

2021 – 2022 Course Co-Director and Moderator, Home: Home Dialysis Virtual Mentoring, 1 hour every 2 weeks for 6 months, 14 participants per session, collaboration between University Health Network Toronto, GlomCon and Satellite Healthcare

2023 - Present Co-Chair American Society of Nephrology (ASN) Home Dialysis University Virtual Education Program Workgroup, national program that sponsors 30 nephrology fellows from across the United States to attend the live Home Dialysis University program followed by a 12 month virtual education series covering peritoneal and home hemodialysis presented by international experts in these topics

Students / Trainees / Mentorship

2016 Robert Mair MD, Stanford General Nephrology Clinic mentor, half day/week, 6 months

2018 Vishal Duggal MD, Satellite Healthcare Research Fellow, supervision of projects, 2 hours/month, 12 months

2019 Dyer Diskin MD, Satellite Healthcare Research Fellow, supervision of projects, 2 hours/month, 12 months

2020 Michael Ajuria MD, Satellite Healthcare Research Fellow, supervision of projects, 2 hours/month, 12 months

2020 Ivie Okundaye MD, Stanford General Nephrology Clinic mentor, half day/week, 6 months

2020 Austin Hu MD, Stanford General Nephrology Clinic mentor, half day/week, 6 months

2021 Ayesha Anwaar MD, Satellite Healthcare Research Fellow, supervision of projects, 2 hours/month, 12 months

2021 Joshua Martinez MD, Stanford General Nephrology Clinic mentor, half day/week, 6 months

2022 Jillian Caldwell MD, Stanford General Nephrology Clinic mentor, half day/week, 3 months

Clinical Responsibilities and Appointments

2012 – Present Sequoia Hospital PAMF Nephrology Ward Attending 1 weekend/month
2012 – Present Stanford Hospital PAMF Nephrology Ward Attending 1 weekend/month
2015 – 2021 Outpatient Hemodialysis Rounding Attending, community dialysis centers 1 day/week
2015 – 2021 Outpatient Nocturnal Hemodialysis Rounding Attending, community dialysis centers 1 evening/month
2015 – Present Stanford Hospital Nephrology Ward Attending 2-4 weeks/year
2015 – Present Stanford General Nephrology Clinic 1 day/week
2015 – Present Home Dialysis Nephrology Clinic Attending, community dialysis centers 1 day/month

Hospital and Health Care Organization Service Responsibilities

2015 – 2020 Medical Director, WellBound San Jose

Major Administrative Responsibilities or Committee Assignments

2015 – 2018 Medical Policy Committee, Satellite Healthcare
2015 – 2018 Credentialing Committee, Satellite Healthcare
2018 – 2021 Chair Medical Policy Committee, Satellite Healthcare
2022 – 2023 Chair Credentialing Committee, Satellite Healthcare
2022 – 2023 Medical Director Approval Committee, Satellite Healthcare
2022 – 2023 Development Committee, Satellite Healthcare
2023 – 2023 Quality Patient Experience Research Board Committee, management liaison, Satellite Healthcare

E. PUBLIC AND PROFESSIONAL SERVICE

Community Service Related to Professional Work

2018 Bay Area Association of Kidney Patients, “Home Dialysis” Presentation in Oakland CA, January 18th, 2018
2021 American Kidney Fund Kidney Action Week, “Home Dialysis and the Patient Experience: Could Home Dialysis be for You?” Virtual Session Moderator, September 14th, 2021
2022 Bay Area Association of Kidney Patients, “Home Dialysis: A Call to Action!” Virtual Presentation, January 16th, 2022
2020 American Society of Nephrology Home Dialysis Focus Group participant
2023 National Kidney Foundation, Northern California Kidney Walk, Physician Chairman, June 11th, 2023

Professional Societies

2010 – Present Member, American Society of Nephrology
2016 – Present Member, International Society of Peritoneal Dialysis

Ad Hoc Reviewer

2011 *American Journal of Kidney Disease*
2020 *Kidney360*
2020 – Present *Clinical Journal of the American Society of Nephrology*
2021 – Present *Kidney Medicine*
2021 – Present *Peritoneal Dialysis International*
2022 – Present *Nephrology*
2022 *American Society of Nephrology Kidney Week 2022*, Home Dialysis and Peritoneal Dialysis, Abstract Reviewer

2023 *American Society of Nephrology Kidney Week 2023, Home Dialysis and Peritoneal Dialysis, Abstract Category Chair*

Editorial Positions

2009 – 2010 Founder and Editor, *From the Desk of the Chief*, UCSD Internal Medicine Residency Program Blog
2010 – 2013 Deputy Editor, Social Media Manager, Contributor, *Renal Fellow Network*
2015 – Present Social Media Manager, *Stanford Nephrology Twitter Account*
2015 – Present Advisory Board Member, *NephJC*
2020 – Present Associate Editor, *Nephrology News & Issues*
2021 – Present United States Peritoneal Dialysis Outcomes and Practice Patterns Study (PDOPPS) Advisory Workgroup member

F. POST-DEGREE HONORS AND AWARDS

2001 Honor Graduate of the College of Sciences, San Diego State University
2006 Gold Humanism Honor Society, University of California, San Diego School of Medicine
2006 Kiwani's Club Outstanding Student Entering Internal Medicine, University of California, San Diego School of Medicine
2007 American Society of Nephrology, Residents Program Travel Support Recipient
2011 American Society of Nephrology, Fellows Program Travel Support Recipient
2017 Rookie Medical Director of the Year, Satellite Healthcare
2019 Peritonitis Prevention Champion, Satellite Healthcare
2020 Home Champion, Satellite Healthcare

G. OTHER STUDY and RESEARCH OPPORTUNITIES

2011 – 2013 Funder: American Kidney Fund
Title: Clinical Scientist in Nephrology
Role: Fellow

2018 – 2019 Funder: Outset Medical
Title: The Evaluation of TaBlo In-Clinic and In-Home (TABLO)
Role: Site PI

2021 – 2023 Funder: Quanta Dialysis Technologies
Title: Quanta SC+ IDE HHD Trial
Role: Site PI

2023 – 2023 Funder: CSL Behring
Title: POSIBIL6
Role: Site PI

H. BIBLIOGRAPHY

i. Peer-reviewed journal articles (15 total)

1. **Abra G**, Kurella Tamura M. Timing of initiation of dialysis: time for a new direction? *Curr Opin Nephrol Hypertens*. 2012 May;21(3):329-33. doi: 10.1097/MNH.0b013e328351c244. PMID: 22388556; PMCID: PMC3458516.
2. Duggal V, Hussein WF, Reiterman M, Sun SJ, **Abra GE**, Schiller B. The effect of blood flow rate on dialysis recovery time in patients undergoing maintenance hemodialysis: A prospective, parallel-group,

- randomized controlled trial. *Hemodial Int.* 2019 Apr;23(2):223-229. doi: 10.1111/hdi.12741. Epub 2019 Mar 4. PMID: 30834652. **Participated in data analysis, interpretation and drafting of manuscript.*
3. Plumb TJ, Alvarez L, Ross DL, Lee JJ, Mulhern JG, Bell JL, **Abra G**, Prichard SS, Chertow GM, Aragon MA. Safety and efficacy of the Tablo hemodialysis system for in-center and home hemodialysis. *Hemodial Int.* 2020 Jan;24(1):22-28. doi: 10.1111/hdi.12795. Epub 2019 Nov 7. PMID: 31697042; PMCID: PMC7027451. **Participated in patient recruitment, trial site PI, data analysis, interpretation and drafting of manuscript.*
 4. **Abra G**, Schiller B. Public policy and programs - Missing links in growing home dialysis in the United States. *Semin Dial.* 2020 Jan;33(1):75-82. doi: 10.1111/sdi.12850. Epub 2020 Jan 14. PMID: 31943408.
 5. Lei L, Oh G, Sutherland S, **Abra G**, Higgins J, Sibley R, Troxell M, Kambham N. Myelin bodies in LMX1B-associated nephropathy: potential for misdiagnosis. *Pediatr Nephrol.* 2020 Sep;35(9):1647-1657. doi: 10.1007/s00467-020-04564-w. Epub 2020 Apr 30. PMID: 32356190. **Participated in patient recruitment and drafting of manuscript.*
 6. Franz DD, Hussein WF, **Abra G**, Diskin CD, Duggal V, Teuteberg JJ, Chang TI, Schiller B. Outcomes Among Patients With Left Ventricular Assist Devices Receiving Maintenance Outpatient Hemodialysis: A Case Series. *Am J Kidney Dis.* 2021 Feb;77(2):226-234. doi: 10.1053/j.ajkd.2020.04.018. Epub 2020 Jul 23. PMID: 32711070. **Participated in program administration, acquisition of data, data analysis, interpretation and drafting of manuscript.*
 7. Funes I, Velasquez K, Doss-McQuitty S, Hussein WF, **Abra G**, Anantiyo P, Bennett PN, Schiller B. The Peritoneal Dialysis Transfer Set Replacement Procedure. *Nephrol Nurs J.* 2020 Jul-Aug;47(4):343-346. PMID: 32830940. **Participated in conception and design, data analysis, interpretation and drafting of manuscript.*
 8. Hussein WF, Gomez N, Sun SJ, Yu J, Yang F, Ajuria M, **Abra GE**, Schiller B. Use of a gentamicin-citrate lock leads to lower catheter-related bloodstream infection rates and reduced cost of care in hemodialysis patients. *Hemodial Int.* 2021 Jan;25(1):20-28. doi: 10.1111/hdi.12880. Epub 2020 Oct 1. PMID: 33006269. **Participated in program administration, data analysis, interpretation and drafting of manuscript.*
 9. Plumb TJ, Alvarez L, Ross DL, Lee JJ, Mulhern JG, Bell JL, **Abra GE**, Prichard SS, Chertow GM, Aragon MA. Self-care training using the Tablo hemodialysis system. *Hemodial Int.* 2021 Jan;25(1):12-19. doi: 10.1111/hdi.12890. Epub 2020 Oct 12. PMID: 33047477; PMCID: PMC7891342. **Participated in patient recruitment, trial site PI, data analysis, interpretation and drafting of manuscript.*
 10. Colbert GB, **Abra G**, Lerma EV. Update and review of renal artery stenosis. *Dis Mon.* 2021 Jun;67(6):101118. doi: 10.1016/j.disamonth.2020.101118. Epub 2020 Dec 7. PMID: 33303204. **Participated in conception design and drafting of manuscript.*
 11. Ashley J, **Abra G**, Schiller B, Bennett PN, Mehr AP, Bargman JM, Chan CT. The use of virtual physician mentoring to enhance home dialysis knowledge and uptake. *Nephrology (Carlton).* 2021 Jul;26(7):569-577. doi: 10.1111/nep.13867. Epub 2021 Mar 11. PMID: 33634548. **Participated in conception, design, drafting of manuscript and obtaining funding.*
 12. Ajuria M, Franz DD, Morris JT 3rd, **Abra G**, Hussein WF. Peritoneal Dialysis Following Left Ventricular Assist Device Placement and Kidney Recovery: A Case Report. *Kidney Med.* 2021 Feb 17;3(3):438-441. doi: 10.1016/j.xkme.2020.12.009. PMID: 34136789; PMCID: PMC8178477. **Participated in program administration, supervision of lead author, data analysis, interpretation and drafting of manuscript.*
 13. Carr EJ, Kronbichler A, Graham-Brown M, **Abra G**, Argyropoulos C, Harper L, Lerma EV, Suri RS, Topf J, Willicombe M, Hiremath S. Review of Early Immune Response to SARS-CoV-2 Vaccination Among Patients With CKD. *Kidney Int Rep.* 2021 Sep;6(9):2292-2304. doi: 10.1016/j.ekir.2021.06.027. Epub 2021 Jul 6. PMID: 34250319; PMCID: PMC8257418. **Participated in drafting of manuscript.*
 14. Hussein WF, Bennett PN, **Abra G**, Watson E, Schiller B. Integrating Patient Activation Into Dialysis Care. *Am J Kidney Dis.* 2022 Jan;79(1):105-112. doi: 10.1053/j.ajkd.2021.07.015. Epub 2021 Aug 28. PMID: 34461165. **Participated in drafting of manuscript.*

15. **Abra G**, Poyan Mehr A, Chan CT, Schiller B. The Implementation of a Virtual Home Dialysis Mentoring Program for Nephrologists. *Kidney360*. 2022 Jan 26;3(4):734-736. doi: 10.34067/KID.0000202022. PMID: 35721601; PMCID: PMC9136906.
- ii. Non- Peer Reviewed Articles (Total 6)
1. **Abra G**, Hsu R, Lin E, Schiller S. AKI Requiring Dialysis in the Outpatient Setting: An Evolving Landscape. *Nephrology News & Issues*, Vol, page 8-10, 2017.
 2. Ziolkowski S, **Abra G**. Calcimimetics in End Stage Renal Disease. *ASN Kidney News Vol 10 No 3 March 2018*.
 3. Duggal V, Hussein W, **Abra G**. Postdialysis Fatigue. *ASN Kidney News*. Vol 10, No 8 August 2018.
 4. **Abra, G**. An opportunity to lead the future of ESKD care. *Nephrology News & Issues*, August, 2019.
 5. Diskin D, **Abra G**, Hussein W, Schiller B. Addressing Frailty in the ESKD Population through Professionally Guided In-Center Exercise Programs. *ASN Kidney News*, Vol 11, Number 9 September 2019.
 6. **Abra G**, Shang T, Pace R. Cinacalcet on hemodialysis thrice weekly offers opportunities and challenges. *Nephrology News & Issues*, Vol 36, Number 02, February 2021, page 26-17, 2021.
- iii. Book Chapters (Total 1)
1. Green G, Yalamarti T, Zonoozi S, **Abra G**. "HHD during a pandemic and disaster management." In: Shah A, Rastogi A, Lerma EV. ed. Applied Home Hemodialysis. Springer Nature Switzerland, In press, 2023.
- iv. Posters Presented at Meetings (Total 24, 23 Posters, 1 Oral Abstract)
1. **Abra G**. "A Hot Joint: Candida Tropicalis Septic Arthritis." Southern California Regional American College of Physicians Meeting, 2007
 2. **Abra G**, Liang N. "Uncommon Thinking in a Common Disease: Diabetic Scleredema" Southern California Regional American College of Physicians Meeting, 2008
 3. **Abra G**, Chau T. "Johnny Get Up! A Case of Thyrotoxic Periodic Paralysis." California/Hawaii Regional Society of General Internal Medicine Meeting, 2009
 4. **Abra G**, Awdishu L, Fink E, Seymann G. "Recognition and Treatment of Chronic Kidney Disease by Hospitalists Post Electronic GFR Reporting." Society of Hospital Medicine Annual Meeting, 2009
 5. **Abra G**, Awdishu L, Ross J, Fink E, Seymann G, Mehta R, King D. "Prevalence and Quality Measures of Chronic Kidney Disease in a Hospitalized Cohort." American Society of Nephrology Renal Week, 2009
 6. Manley HJ, **Abra G**, Balingit R, Baugh JL, Mcnamara M, Mackay JB, Santiago J, DeGuzman MLL. "Telehealth delivery of medication therapy management in ESRD patients." American Society of Nephrology Renal Week, 2014
 7. Sun S, Gomez N, Yang F, **Abra G**, Schiller B. "Sustained Low Central Venous Catheter-Related Bloodstream Infection Rates in HD Patients with an Antibiotic Lock over a 3-Year Period" American Society of Nephrology Renal Week, 2017
 8. **Abra G**, Green G, Kalife C, Won J, Hur M, Doss-McQuitty, Schiller B. "Heparin-Free Dialysis for Patients on Oral Anticoagulants" Oral Abstract, Annual Dialysis Conference March 2018
 9. **Abra G**, Myint M, Schiller B. "Erythropoiesis-Stimulating Agent Induced Pure Red Cell Aplasia: Rare, Dangerous And Still Present." International Society of Peritoneal Dialysis Congress, May, 2018
 10. Duggal V, **Abra G**, Reiterman M, Sun S, Hussein W, Schiller B. "The Effect of Blood Flow Rate Reduction on Dialysis Recovery Time." American Society of Nephrology Renal Week, 2018
 11. Shang D, Collard S, **Abra G**, Schiller B. "Conversion from Cinacalcet to Etelcalcetide in a Mid-Size Dialysis Organization: Real-World Therapeutic Conversion" American Society of Nephrology Renal Week, 2018

12. **Abra G**, Al-Mufti H, Canada B, Schiller B. Oral Cinacalcet Administered Three Times a Week on Hemodialysis: Clinical and Operational Feasibility. Satellite Healthcare Medical Director Meeting. 2019
 13. Pace R, Reiterman M, Sun S, **Abra G**, Schiller S. Impact of Nutrition Supplements on Hospitalization Rates in Incident Hemodialysis Patients. National Kidney Foundation Spring Clinical Meeting, May 2019
 14. Ajuria M, **Abra G**, Schiller B. Compounded Amino Acid Peritoneal Dialysate as an Alternative Volume Management Strategy in a Diabetic Patient. American Society of Nephrology Renal Week, 2019
 15. Hussein WF, Yang F, Yu J, Sun SJ, Gomez N, **Abra G**, Schiller B. Use of Gentamicin-Citrate Lock Reduced Catheter-Related Bloodstream Infection Rates in Hemodialysis Patients – Results of a Natural Experiment. American Society of Nephrology Renal Week, 2019
 16. Ajuria M, Hussein WF, **Abra G**, Glinskii V, Schiller B. Assessing Fluid Status of Peritoneal Dialysis Patients with Assistance of Lung Ultrasound (Fluid-PLUS). American Society of Nephrology Kidney Week, 2020
 17. Hussein WF, Bennett P, Pace P, Chen S, Legg V, Sun SJ, **Abra G**, Schiller B. Mobile Health (mHealth) Readiness Among Dialysis Patients. American Society of Nephrology Kidney Week, 2020
 18. Anwaar A, **Abra G**, Nielsen H, Sun S, Liu S, Montez-Rath ME, Schiller B, Hussein WF. Identifying Patients on Peritoneal Dialysis at High Risk of Transfer to Hemodialysis Using a Modified “Surprise Question”. American Society of Nephrology Kidney Week, 2021
 19. Hussein WF, **Abra G**, Bennett P, Atwal J, Legg V, Schiller B. Feasibility of a Staff-Assisted Peritoneal Dialysis Program in the United States Results of a Pilot Study. American Society of Nephrology Kidney Week, 2021
 20. Weinhandl ED, **Abra GE**, Schiller B, Excess Incidence of Home Dialysis Attrition During the COVID-19 Pandemic, American Society of Nephrology Kidney Week, 2022
 21. Weinhandl ED, Schumacher J, Aragon MA, **Abra GE**, Initial Experience With Home Hemodialysis Using the Tablo Hemodialysis System, American Society of Nephrology Kidney Week, 2022
 22. Anwaar A, Liu S, Nielsen H, Montez-Rath ME., **Abra GE**, Sun SJ, Schiller B, Hussein WF, Predicting Transfer From Peritoneal Dialysis to Hemodialysis Using the Peritoneal Dialysis Surprise Question, American Society of Nephrology Kidney Week, 2022
 23. Shah NA , Bennett PN, Abra GE, Kanjanabuch T, Cho YJ, Leibowitz S, Baharani JB. Exploring Preconceptions in Peritoneal Dialysis Eligibility: The PD Myths Survey, American Society of Nephrology Kidney Week, 2022
 24. Hussein WF, Moran J, Hussein L, Atwal J, Weinhandl E, **Abra G**, Bennett PB. Patient opinions about drivers for home hemodialysis adoption, intradialytic activities, and treatment frequency preferences – A National Survey, Annual Dialysis Conference 2023, March 2023.
- v. Special Materials (Total 5, Letters 1, Editorials 1, Research Letter 3)
1. **Abra GE**, Lonergan JT. Reversible hepatic and lipid abnormalities with nonprescription anabolic-androgenic steroid use in 2 HIV-infected men. *Clin Infect Dis*. 2006 Jan 1;42(1):151-2. doi: 10.1086/498748. PMID: 16323106.
 2. **Abra G**, Weinhandl ED. Pulling the goalie: What the United States and the world can learn from Canada about growing home dialysis. *Perit Dial Int*. 2021 Sep;41(5):437-440. doi: 10.1177/08968608211034696. Epub 2021 Jul 29. PMID: 34323152.
 3. Garcia P, Anand S, Han J, Montez-Rath ME, Sun S, Shang T, Parsonnet J, Chertow GM, Schiller B, **Abra G**. COVID-19 Vaccine Type and Humoral Immune Response in Patients Receiving Dialysis. *J Am Soc Nephrol*. 2022 Jan;33(1):33-37. doi: 10.1681/ASN.2021070936. Epub 2021 Oct 13. PMID: 34645698; PMCID: PMC8763174.
 4. Hussein WF, Bennett PN, Anwaar A, Atwal J, Legg V, **Abra G**, Zheng S, Pravoverov L, Schiller B. Implementation of a Staff-Assisted Peritoneal Dialysis Program in the United States: A Feasibility Study. *Clin J Am Soc Nephrol*. 2022 May;17(5):703-705. doi: 10.2215/CJN.00940122. Epub 2022 Apr 5. PMID: 35383044; PMCID: PMC9269586.

5. Aga Z, McCullough K, Pisoni RL, Zhao J, Fukasawa M, Oh KH, Wilson S, **Abra G**, Gupta N, Kanjanabuch T, Figueiredo AE, Perl J; PDOPPS Steering Committee Members. Peritoneal Dialysis-Related Drain Pain and Patient and Treatment Characteristics: Findings From the Peritoneal Dialysis Outcomes and Practice Patterns Study (PDOPPS). *Am J Kidney Dis.* 2023 Jun 29;S0272-6386(23)00696-0. doi: 10.1053/j.ajkd.2023.04.005. Epub ahead of print. PMID: 37393052.

vi. Invited Presentations

Regional

- 2009 "See One, Do One, Teach One: Procedural Training in Internal Medicine." University of California, San Diego Department of Medicine Grand Rounds, La Jolla CA.
- 2010 "Rhabdomyolysis." Nephrology Grand Rounds, Stanford University, Stanford CA.
- 2019 "What's Old is New: Telehealth and Kidney Care in 2019." National Kidney Foundation 51st Annual Medical Symposium, Foster City CA.
- 2020 "Advancing American Kidney Health: Right Therapy, Right Patient new Mandatory and Voluntary Payment Models." National Kidney Foundation East Bay Journal Club, Berkely CA.
- 2020 "COVID-19 Dialysis Center Update: March 2020" Nephrology Grand Rounds, Stanford University, Stanford CA.
- 2020 "COVID-19 Dialysis Center Update: April 2020." Nephrology Grand Rounds, Stanford University, Stanford CA.
- 2022 "How to Provide Excellent PD care in 2022." Nephrology Grand Rounds, Stanford University, Stanford CA.
- 2023 "Kidney Replacement Modality Education." Nephrology Grand Rounds, Stanford University, Stanford CA.

National

- 2017 "Physician Led ESRD care at Satellite Healthcare." Satellite Healthcare Medical Director Meeting 2018, Carmel, CA.
- 2018 "Hong Kong, ESRD, PD and Hepatitis C." Satellite Healthcare Medical Director Meeting 2018, Sonoma, CA.
- 2018 "Integrated Quality Management." Satellite Healthcare Medical Director Meeting 2018, Sonoma, CA.
- 2019 "Pregnancy in a patient with ESRD." Satellite Healthcare Medical Director Meeting 2019, Monterey CA.
- 2019 "The Medical Director Survey: Insights and Analysis." Satellite Healthcare Medical Director Meeting 2019, Monterey CA.
- 2019 "Culture Change on the Road to Zero." National Renal Administrators Association Annual Meeting 2019, Huntington Beach CA.
- 2020 "Stakeholders, Leadership, and Responsibilities in ESRD Care." Annual Dialysis Conference, Kansas City MO.
- 2020 "Dyad Leadership in the Dialysis Center: A Medical Director-Operations Partnership." Satellite Healthcare Medical Director Meeting 2020, Carmel CA.
- 2020 "People with advanced CKD: How do we provide the best possible care?" Satellite Healthcare Medical Director Meeting 2020, Carmel CA.
- 2020 "Panel Discussion: Home Dialysis." National Kidney Foundation Texas Symposium Chronic Kidney Disease During COVID-19: A Deep Dive, Virtual.
- 2021 "The Benefits of PD Champions in Dialysis Programs." Annual Dialysis Conference, Virtual
- 2021 "Rapid Fire COVID-19 2020 in Hindsight." Satellite Healthcare Medical Director Meeting 2021, Virtual.
- 2021 "Home Dialysis Strategy: Supporting Patient Goals with the Right Therapy." Satellite Healthcare Medical Director Meeting 2021, Virtual.

- 2021 “Home Dialysis Therapies: An Opportunity to expand the right care to the right people.” National Kidney Foundation Spring Clinical Meeting 2021, Virtual.
- 2021 “Home Dialysis Panel Discussion.” National Kidney Foundation Texas Symposium 2021, Virtual.
- 2022 “Pulling the Goalie: Growing home dialysis in the era of Advancing American Kidney Health.” Brigham and Women’s Hospital / Massachusetts General Hospital Nephrology Grand Rounds, Virtual.
- 2022 “Providing Excellent PD care in 2022.” University of California, Irvine Nephrology Grand Rounds, Virtual.
- 2022 “Empowering Nephrologists: The journey home.” Satellite Healthcare Medical Director Meeting 2022, Scottsdale AZ.
- 2022 “Nocturnal Home Hemodialysis: Clinical Benefits.” Satellite Healthcare Medical Director Meeting 2022, Scottsdale AZ.
- 2022 “Pulling the Goalie: What the US and the world can learn from Canada about growing home dialysis.” Satellite Healthcare Medical Director Meeting 2022, Scottsdale AZ.
- 2022 “Home Therapies: Education for Patients and Clinicians.” American Society of Nephrology Kidney Week 2022, Virtual Pre-Course.
- 2022 “Best of NephJC: Dialysis Literature 2022.” American Society of Nephrology Kidney Week 2022, Orlando FL.
- 2023 “Hot Takes on the Best of the Home Dialysis Literature: 2022-2023.” Annual Dialysis Conference, Kansas City MO.
- 2023 “Forum on the Role of the ESKD Team.” Annual Dialysis Conference, Kansas City MO.
- 2023 “Kidney Replacement Modality Education: A Tale of Patients and Clinicians.” Warren Alpert Medical School of Brown University Nephrology Grand Rounds, Virtual.
- 2023 “The Empty Chair – Missed Treatments.” Satellite Healthcare Physician Leadership Forum 2023, Dana Point CA.
- 2023 “Keynote Fire Pit Chat with Dr Sachin Jain.” Satellite Healthcare Physician Leadership Forum 2023, Dana Point CA.
- 2023 “Growth in Home Modalities.” National Association of Nephrology Technicians / Technologists 2023, Las Vegas NV.
- 2023 “Innovations in Home Dialysis Training.” National Kidney Foundation Spring Clinical Meeting 2023, Austin TX.

International

- 2021 “Outpatient Dialysis for Patients with Left Ventricular Assist Devices (LVADs): A Needed Partnership.” UHN Toronto Division of Nephrology Grand Rounds, Virtual