Graham Walker, MD

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SUMMARY

Emergency physician and clinical informaticist, co-founder of MDCalc, and Head of AI at MDCalc. MDCalc is used monthly by more than 80% of U.S. physicians. Spent 14 years at The Permanente Medical Group as an emergency physician and technology leader, helping lead the deployment of technology and AI across clinical care at Kaiser Permanente Northern California. Co-author of The Physicians' Charter for Responsible AI, keynote speaker, and writer on AI and clinical medicine with 75,000 followers on LinkedIn.

EXPERIENCE

Head of Artificial Intelligence, MDCalc — Sep 2026 – Present

- Lead clinical AI strategy and build practical, trustworthy AI tools for physicians and health systems.
- Partner with researchers, health systems, and companies building responsible clinical AI; revisiting The Physicians' Charter for Responsible AI.

Co-Founder and Creator, MDCalc — 2005 – Present

- Co-founded and built MDCalc, free clinical decision support and an evidence-based reference of medical equations, decision rules, and algorithms on web, iOS, Android, and EHR platforms.
- Used monthly by more than 80% of U.S. physicians and millions of clinicians worldwide.

Co-Founder, Offcall — 2024 – Present

- Co-founded Offcall, a platform where physicians confidentially share compensation and career data, aiming to address burnout by making the physician job market transparent.

Host, How I Doctor (podcast) — 2024 – Present

- Conversations with creative and influential physicians about autonomy, fulfillment, healthcare technology, and building a more human version of medicine.

Co-Creator and Developer, TheNNT.com — 2010 – Present

- Summaries of systematic reviews for evidence-based emergency medicine.

The Permanente Medical Group (Kaiser Permanente) · San Francisco, CA — Aug 2012 – 2026

Senior Emergency Physician

Provided and coordinated emergency care at Kaiser Permanente San Francisco Medical Center, and helped lead the deployment of technology and AI across clinical care for Kaiser Permanente's 4 million Northern California members.

Co-Director, Advanced Development, TPMG Innovations

Developed and directed programs to improve care delivery through technology and partnerships.

Assistant Physician-in-Chief for Technology and Innovation

Responsible for training, education, support, and technology operations for the 2,000+ medical staff of Kaiser Permanente San Francisco Medical Center.

KP HealthConnect (Epic EHR) MD Core Lead, Emergency Medicine and Urgent Care
Led EHR feature development and support for 4,000+ emergency physicians, nurses, and technicians across 23 hospitals in Kaiser Permanente Northern California.

Clinical Lead, TPMG ClinicianConnect
Prioritized features and supported operations for an internally developed app providing call schedules and video visits for clinicians and patients.

Assistant Chief, Emergency Department
Kaiser Permanente San Francisco Medical Center.

ACADEMIC APPOINTMENTS

Voluntary Associate Professor, Emergency Medicine, University of California, San Francisco
Taught and mentored UCSF medical students and residents on shift.

Clinical Instructor, Division of Emergency Medicine, Stanford University School of Medicine 2011 – 2012

POLICY, ADVOCACY, AND SELECTED PROJECTS

2024	Co-Author, The Physicians' Charter for Responsible AI, a practical framework written by practicing physicians for deploying safe, accurate, and fair AI in clinical settings.
2023	Creator, WTFentanyl, public education teaching first responders and the public to use naloxone to reverse opioid overdose during the fentanyl crisis.
2023	Creator, MDMEM (Medical Decision-Making for Emergency Medicine), a tool that helps emergency physicians apply the 2023 ED E/M documentation and billing guidelines.

PRESENTATIONS

Keynotes

Oct 2026	"Why Predictive AI Will Have a Bigger Impact on Medicine than Generative AI." Keynote, Cornell Virtual Care Conference, New York, NY.
Sep 2026	"Metamorphosis Was Never a Blank Slate." Keynote, Creative Careers in Medicine Conference, Gold Coast, Australia.
Aug 2026	"What the Future Holds for Physicians in the Age of AI." Keynote, AMA National Conference, Melbourne, Australia.
Apr 2026	"Trust at the Point of Care." Keynote, CHAI Leadership Summit, Dana Point, CA.
Mar 2026	"The Future of AI in Emergency Medicine." Keynote, AACEM / AAAEM Annual Retreat, Maui, HI.

Invited Talks, Panels, and Workshops

Apr 2027	Grand Rounds (scheduled), Department of Emergency Medicine, University of Washington, Seattle, WA.
Feb 2027	Inaugural Annual Abumrad Lecture in Innovation (scheduled), Vanderbilt University, Nashville, TN.
Jan 2027	Grand Rounds (scheduled), Windreich Department of Artificial Intelligence and Human Health, Mount Sinai, New York, NY.

Dec 2026	"Waves of Clinical AI: Where Emergency Medicine Has Been and Where It Is Headed." Faculty (scheduled), AI in Emergency Medicine, Harvard Medical School Continuing Education (Beth Israel Deaconess Medical Center), Live online.
Nov 2026	"Powering Access: The Infrastructure Behind Virtual Specialty Care." Moderator (scheduled), HLTH 2026, Las Vegas, NV.
Oct 2026	"Healthcare + Data + AI." Panelist, Twine Fall Gathering, San Francisco, CA.
Oct 2026	"You Make the Call: An AI Decision-Making Exercise." Interactive workshop, Association of Health Care Journalists Fall Summit: AI in Health Care: Reporting What's Real, Los Angeles, CA.
Oct 2026	Judge, ACEP26 PitchER emergency medicine innovation startup competition, Chicago, IL.
Sep 2026	"Reimagining HCP Engagement at the Point of Healthcare Decision Making." Panelist, Fierce Pharma Week, Philadelphia, PA.
Apr 2026	"How Physicians Are Building with Claude." Featured speaker, Anthropic webinar: Claude Code in Healthcare (virtual).
Mar 2026	"Don't Skip Leg Day." Host, HIMSS26 Global Health Conference, Las Vegas, NV.
Jan 2026	"Leading AI in Practice with Clinicians on the Ground." Moderator, Nabla Accelerate: AI Executive Summit, Santa Monica, CA.
2025	"Artificially Intelligent, Naturally Skeptical." Lecture, ApolloMD Conference, Atlanta, GA.
2025	"AI, Medicine, and the Future." Fireside chat, CarePoint Leadership Retreat, Salt Lake City, UT.
2025	"White Coats, Bold Moves: The Entrepreneurial Clinician's Playbook." Panelist, HLTH USA, Las Vegas, NV.
2025	Innovation VC Panel. Panelist, Trace3 Evolve: AI in Healthcare, Las Vegas, NV.
2025	"GenAI and Medicine: Panel with Physician Leaders and Innovators." Panelist, Stanford MED216, Stanford, CA.
2025	"From Spidey Sense to AI Precision: How Predictive Models Will Reshape Emergency Medicine." Lecture, NY ACEP Practice Innovation Forum, New York, NY.
2025	"Fireside Chat: Opportunities and Challenges of AI Deployment." Stanford AIMI, Stanford, CA.
2024	"Medicine's Oregon TrAIl: Charting Our Course in AI." Lecture, DEM Chair Conference, Portland, OR.
May 2017	"Minimizing Diagnostic Error with Free Online Tools - the MDCalc Approach." Lecture, UCSF High Risk Emergency Medicine Conference, San Francisco, CA.
May 2015	"How to Chest Pain," "A Needle in the Neck," "Why Won't She Stop Coding?" Lecture, Grand Rounds, UC Davis Emergency Medicine Residency, Davis, CA.
2014	"Emergency and Critical Care: There's An App for That, Too!" Lecture, Dignity Health Conference, Las Vegas, NV.
Mar 2014	"What's App, Doc? Apps and Online Tools for Medical Reference and Learning." Lecture, Kaiser Permanente Wellness Conference, Lake Tahoe, CA.

Feb 2014	"Cutting Edge Tech Tools to Improve Patient Outcomes," "You Guessed It! There's an App for That, Too," "Transitioning from Residency to Attending." Lectures, American Academy of Emergency Medicine Scientific Assembly, New York, NY.
Jan 2014	"Emergency Medicine: Finding Your Niche." Panel Discussion, NorCal Emergency Medicine Symposium 2014, UCSF Medical Center.
2013	"E-Medicine: Digital Tools to Keep Current and Improve Your Practice." Grand rounds and lectures at Kaiser Permanente Oakland Medical Center (Jul), St. Luke's-Roosevelt Hospital Center (May), the Kaiser Permanente Wellness Conference (Mar), and Kaiser Permanente San Francisco Medical Center (Feb).
Jul 2013	"Suturing for the Emergency Department." Workshop, Internal Medicine Residency, Kaiser Permanente San Francisco Medical Center.
May 2013	"Advance Directives, The Next Generation," "Talking to Dying Patients," "Community Medicine, Academic Medicine: What's in a Name?" Grand rounds lectures, Department of Emergency Medicine, St. Luke's-Roosevelt Hospital Center, New York, NY.
Mar 2013	"Simulation 101." Lecture and Simulation Workshop, Department of Emergency Medicine, Kaiser Permanente San Francisco Medical Center.
May 2012	"E-mergency Medicine: Digital Tools That Improve the Specialty." Grand Rounds, Stanford Emergency Medicine Conference.
Aug 2011	"Visual Diagnosis: EKGs." Lecture, Stanford Emergency Medicine Resident Conference.
Mar 2011	"Creating a Social Presence, Interacting with Readers and Fans, Opening Doors." Featured Panelist, Emergency Medicine Affiliate Meeting: "Health IT and Social Media: Challenges and Opportunities." Department of Emergency Medicine, Mount Sinai School of Medicine.

MEDIA AND COMMENTARY

Sep 2026	STAT: "Can AI fix health care? In the chaos of emergency rooms, the technology comes up short."
May 2026	STAT: "When the path to good AI is littered with bad data."
Oct 2025	KevinMD (op-ed): "Why women ER doctors earn $21,000 less than men."
Aug 2025	ACEP Now: "AI Scribes Enter the Emergency Department."
Feb 2025	The New York Times: "The Doctors Are Back. This Time, They Have More to Say."
Dec 2024	Forbes: "How AI Is Changing the Way Doctors Access Medical Knowledge."
Dec 2022	The New York Times: "Covid Misinformation Leaves Lingering Damage."
Aug 2022	The Washington Post: "Twitter labeled factual information about covid-19 as misinformation."
Oct 2021	WIRED: "Very Little Is Keeping Doctors From Using Racist Health Formulas."
2022 – Present	Guest on more than 20 podcasts, including Dr Tom Meets (Heidi Health), AI in Healthcare (Stanford Medicine), Clinical Changemakers, ED Innovators, Outcomes Rocket, PermanenteDocs Chat, and National Emergency (Audible).

PUBLICATIONS

2026 Shah M, **Walker GA**, Bansal S. ACCESS: a fix for digital health companies, not Medicare's costliest patients. Health Affairs Forefront. March 6, 2026. doi:10.1377/forefront.20260304.252943

2025 **Walker GA**. Who knows what good looks like in medicine? BMJ Digit Health AI. 2025;1(1):e000181. doi:10.1136/bmjdhai-2025-000181

2025 Griot MF, **Walker GA**. A patient-in-the-loop approach to artificial intelligence in medicine. JAMA Netw Open. 2025;8(6):e2514460. doi:10.1001/jamanetworkopen.2025.14460

2024 Landman AB, Tilak SS, **Walker GA**. Artificial Intelligence–Generated Emergency Department Summaries and Hospital Handoffs. JAMA Netw Open. 2024;7(12):e2448729. doi:10.1001/jamanetworkopen.2024.48729

2022 King JT Jr, Yoon JS, Bredl ZM, Habboushe JP, **Walker GA**, Rentsch CT, Tate JP, Kashyap NM, Hintz RC, Chopra AP, Justice AC. Accuracy of the Veterans Health Administration COVID-19 (VACO) Index for predicting short-term mortality among 1307 US academic medical centre inpatients and 427 224 US Medicare patients. J Epidemiol Community Health. 2022;76(3):254–260. doi:10.1136/jech-2021-216697

2013 **Walker GA**, Runde D, Rolston DM, Wiener D, Lee J. Emergency department rectal temperatures in over 10 years: a retrospective observational study. World J Emerg Med. 2013;4(2):107–112. doi:10.5847/wjem.j.issn.1920-8642.2013.02.004

2013 **Walker GA**. Hematology-Oncology Emergencies (section editor). In: Practical Emergency Resuscitation and Critical Care. Cambridge University Press; 2013.

2011 **Walker GA**, Heidenreich PA, Phibbs CS, Go AS, Chiu VY, Schmitt SK, Ananth L, Frayne SM. Mental illness and warfarin use in atrial fibrillation. Am J Manag Care. 2011;17(9):617–624.

2011 Habboushe JP, **Walker GA**. Novel use of a urine pregnancy test using whole blood. Am J Emerg Med. 2011;29(7):840.e3–840.e4. doi:10.1016/j.ajem.2010.06.020

2010 **Walker GA**. IV Fluids and Resuscitation. In: Essential Emergency Trauma. Lippincott Williams & Wilkins; 2010.

RESEARCH AND PRESENTED ABSTRACTS

2006 – 2007 Clinical Researcher, "Does Mental Illness Affect Atrial Fibrillation Management in Veterans?"

2007 **Walker GA**, et al. "Does Mental Illness Affect Atrial Fibrillation Management?" Society of General Internal Medicine Regional Meeting, San Francisco, CA, March 24, 2007.

2004 **Walker GA**. "Matching Needs and Resources: Community Partnerships Go Hi-Tech." Fall Forum on Community Health, Stanford, CA, October 17, 2004.

HONORS AND RECOGNITION

2026 Chapter Education Award, California Chapter of the American College of Emergency Physicians (CalACEP), for outstanding contribution to education in emergency medicine

2013 Excellence in Clinical Care Award, Emergency Department, Kaiser Permanente San Francisco Medical Center

2013 Emerging Leader, The Permanente Medical Group Leadership Program

2011	Outstanding Faculty Teacher Award, Stanford Division of Emergency Medicine
2009	Ultrasound Intern of the Year
2008	Commencement Speaker, medical school graduation
2006	Featured in U.S. News & World Report's "Graduate School Guide" for academic blogging
2003	Quentin Young Health Activist Award, for activism in health care reform

PROFESSIONAL SERVICE AND GLOBAL HEALTH

2011 – 2021	Monthly Columnist ("Emergentology") and Editorial Board, Emergency Medicine News
2011 – 2012	Grant Reviewer, National Institutes of Health, Division of Health Informatics Small Business Innovation Research
2011 – 2012	Member, Article of the Future Committee, Annals of Emergency Medicine
2010 – 2011	Member, Technology Steering Committee, Emergency Medicine Residents' Association
2010	Emergency Physician Volunteer, International Medical Corps, Port-au-Prince, Haiti
2009 – 2012	Writer, TheCentralLine.org, the American College of Emergency Physicians' blog
2008	Primary Care Volunteer, Pop-Wuj Clinic, Quetzaltenango, Guatemala
2007 – 2010	Contributor, Editorial Board, PEMSoft pediatric emergency medicine software; contributor, Medscape "The Medical Roundtable" and "Ask the Experts"

EDUCATION

Fellowship, Simulation Medicine, Division of Emergency Medicine, Stanford University School of Medicine, Stanford, CA 2011 – 2012

Residency, Emergency Medicine, St. Luke's-Roosevelt Hospital Center, New York, NY 2008 – 2011
Chief Resident, 2010 – 2011

MD, Stanford University School of Medicine, Stanford, CA 2003 – 2008
Scholarly Concentration in Community Health

BS, Social Policy, Northwestern University, Evanston, IL 1998 – 2002
Magna cum laude

BOARD CERTIFICATION AND LICENSURE

2021 – Present	Board Certified, Clinical Informatics, American Board of Preventive Medicine
2011 – Present	Board Certified, Emergency Medicine, American Board of Emergency Medicine
2011 – Present	Medical License, State of California

LANGUAGES

Spanish	Intermediate clinical and conversational
French	Intermediate conversational
Haitian Creole	Clinical and beginner conversational