



Abraar Karan, MD MS MPH DTM&H

Instructor, Medicine - Infectious Diseases

CLINICAL OFFICE (PRIMARY)

- **Infectious Disease**

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Bio

BIO

I am an Instructor in the Division of Infectious Diseases and Geographic Medicine with affiliations in the Center for Innovation in Global Health, the King Center on Global Development, and the Woods Institute for the Environment. I worked on the Covid19 outbreak for the Massachusetts Department of Public Health in 2020, and the Monkeypox outbreak for the Los Angeles County Department of Public Health in 2022-23. I also served on the WHO-commissioned Independent Panel on Pandemic Preparedness and Response's research team investigating early global spread of Covid19, and helped with policy-writing for the Biden-Harris campaign on reducing Covid19 in schools. I am currently the Principal Investigator of the following studies: a cluster-randomized controlled trial investigating whether air filtration and ventilation can reduce spread of Covid19 in low-income homes in the Bay Area (<https://clinicaltrials.gov/ct2/show/NCT05777720>); utilizing multiplex assays for detecting exposures to filoviruses in Western Kenya; and assessing H5N1 seroprevalence in high-risk farmworker communities in California. I am also a co-investigator on a study focused on rtPCR based surveillance of H5N1 in humans in Central California.

I completed my internal medicine residency at the Brigham and Women's Hospital/Harvard Medical School in the Global Health Equity program, and have been working in global health since 2008. I co-edited the book, "Protecting the Health of the Poor" (December 2015, Bloomsbury Publishing, <https://www.bloomsbury.com/us/protecting-the-health-of-the-poor-9781783605521/>); and co-founded Longsleeve insect repellent, winner of the 2018 Harvard Business School New Venture Competition and finalist in the 2019 Harvard President's Challenge. Media/press coverage has included NBC, ABC, BBC, PBS, CBS, CNN, MSNBC, Fox News, Washington Post, New York Times, SF Chronicle, Bloomberg, Boston Globe, ProPublica, WSJ, TIME, Politico, CBC News, Democracy Now, NPR, ESPN, The Atlantic, The Hill, Business Insider, Vice, Mother Jones, Vox, Forbes, Slate, STAT News, MTV News, Mother Jones, Science Friday, TMZ.

For a full list of publications, please see "Publications" tab. For full list of press/media interviews, please see "Media" link.

Teaching Experience:

Teaching Assistant-- Epi 231, Infectious Disease Epidemiology (Winter 2024)

Teaching Assistant-- Epi 237, Practical Approaches to Global Health Research (Autumn 2024)

Teaching Assistant-- Epi 231, Infectious Disease Epidemiology (Winter 2025)

CLINICAL FOCUS

- Infectious Diseases
- Emerging Pathogens
- Zoonotic Infections
- One Health
- Biosecurity
- Global Health
- Infectious Disease

ACADEMIC APPOINTMENTS

- Instructor, Medicine - Infectious Diseases

HONORS AND AWARDS

- Global Health Seed Grant Awardee, Stanford Center for Innovation in Global Health (2025)
- Term Member, Council on Foreign Relations (2025)
- Board Certification- Infectious Disease, American Board of Internal Medicine (2024)
- Emerging Leaders in Biosecurity Initiative (ELBI) Fellow, Johns Hopkins Center for Health Security (2024)
- Global Development Research Grant Awardee, Stanford King Center on Global Development (2024)
- Ignite Fellow, Stanford Graduate School of Business (2024)
- Travel Award (Symposium on Tropical & Emerging Infectious Diseases), UTMB Galveston (2024)
- Global Infectious Disease Epidemiology Training Grant 2T32AI52073-16A1, Stanford University (2023-2024)
- Board Certification- Internal Medicine, American Board of Internal Medicine (2023)
- Rx One Health Field Program, UC Davis, One Health Institute (2023)
- Top Reviewer, Annals of Internal Medicine (2023)
- Applied Genomics in Infectious Diseases Training Grant 2T32AI7502-26, Stanford University (2022-2023)
- Global Health Seed Grant Winner, Stanford Center for Innovation in Global Health (2022)
- ID Week Travel Award, Infectious Diseases Society of America (2022)
- K. Frank Austen Resident Research Award for Disruption of Scientific Thinking, Brigham and Women's Hospital (2021)
- 40 Under 40, National Minority Quality Forum (2020)
- 50 Experts to Trust in a Pandemic, Medium (2020)
- 40 Under 40, Medtech Boston Healthcare Innovators (2018)
- Global Health Equity Residency, Brigham and Women's Hospital (2018)
- New Venture Competition Winner (Longsleeve Insect Repellent), Harvard Business School (2018)
- STAT Wunderkind, STAT News (2018)
- Inaugural Global Health Alumni Leadership Award, Unite for Sight (2017)
- AMA Journal of Ethics Fellowship, American Medical Association (2016, 2019)
- Aesculapius Student Service Award, UCLA David Geffen School of Medicine (2016)
- FASPE Fellow, Fellowship at Auschwitz for the Study of Professional Ethics (2016)

- Student Body President; Commencement Speaker, UCLA David Geffen School of Medicine (2016)
- Journalism Scholar; Distinction in the Major, Yale University (2011)

PROFESSIONAL EDUCATION

- MS, Epidemiology, Stanford University
- Fellowship, Infectious Diseases, Stanford University
- Residency, Brigham and Women's Hospital, Harvard Medical School
- Internship, Brigham and Women's Hospital, Harvard Medical School
- DTM&H, London School of Hygiene and Tropical Medicine
- MPH, Health Policy, Harvard School of Public Health
- MD, University of California, Los Angeles
- BA, Political Science, Yale University

LINKS

- Media Interviews: <http://instagram.com/abraarkaran>
- Twitter: <http://twitter.com/abraarkaran>

Research & Scholarship

CLINICAL TRIALS

- Cluster-Randomized Trial of Air Filtration and Ventilation to Reduce Covid19 Spread in Homes, Not Specified

Publications

PUBLICATIONS

- **One confirmed and one potential human case of influenza A(H5N1) detected through an expanded subtyping protocol.** *ASM case reports*
Higerd-Rusli, G. P., Karan, A., Hoffman, S. A., Morante, I. E., Huang, C., Sahoo, M. K., Hernandez, M. M., Pinsky, B. A.
2026; 1 (2)
- **Expanding testing early in the H5N1 outbreak.** *Lancet (London, England)*
Karan, A., Higerd-Rusli, G., Hernandez, M., Dhillon, R., Pinsky, B. A.
2025; 405 (10481): 779-780
- **Steps to prevent and respond to an H5N1 epidemic in the USA.** *Nature medicine*
Dhillon, R. S., Karan, A., Garry, R. F., Srikrishna, D.
2025
- **The need for point-of-care tests for mpox.** *Lancet (London, England)*
Dhillon, R. S., Karan, A., Srikrishna, D., Mombouli, J. V.
2024
- **Enhancing wastewater testing for H5N1 surveillance.** *The Lancet. Infectious diseases*
Dhillon, R. S., Karan, A., Srikrishna, D.
2024
- **Sequencing wastewater material may be the key to getting a grip on the H5N1 bird flu outbreak**
Karan, A.
STAT News.
2024
- **Treatment of Mpox with Suspected Tecovirimat Resistance in Immunocompromised Patient, United States, 2022** *EMERGING INFECTIOUS DISEASES*

- Contag, C. A., Mische, L., Fong, I., Karan, A., Vaidya, A., McCormick, D. W., Bower, W., Hacker, J. K., Johnson, K., Sanjuan, P., Crebbin, L., Temmins, C., Sahni, et al
2023; 29 (12): 2520-2523
- **Surveillance of complicated mpox cases unresponsive to oral tecovirimat in Los Angeles County, 2022.** *The Journal of infectious diseases*
Karan, A., Shah, N., Garrigues, J. M., Alarcón, J., Hemarajata, P., Finn, L. E., Poortinga, K., Danza, P., Kulkarni, S., Kim, M., Terashita, D., Green, N. M., Balter, et al
2023
 - **Community spread of a human monkeypox virus variant with a tecovirimat resistance-associated mutation.** *Antimicrobial agents and chemotherapy*
Garrigues, J. M., Hemarajata, P., Espinosa, A., Hacker, J. K., Wynn, N. T., Smith, T. G., Gigante, C. M., Davidson, W., Vega, J., Edmondson, H., Karan, A., Marutani, A. N., Kim, et al
2023: e0097223
 - **Monitoring routes of transmission for human mpox** *LANCET*
Karan, A., Contag, C. A., Pinsky, B.
2023; 402 (10402): 608-609
 - **Health inequities continue to drive the public health threat of mpox.** *BMJ (Clinical research ed.)*
Karan, A., Contag, C., Barry, M.
2023; 381: p1391
 - **Identification of Tecovirimat Resistance-Associated Mutations in Human Monkeypox Virus - Los Angeles County.** *Antimicrobial agents and chemotherapy*
Garrigues, J. M., Hemarajata, P., Karan, A., Shah, N. K., Alarcón, J., Marutani, A. N., Finn, L., Smith, T. G., Gigante, C. M., Davidson, W., Wynn, N. T., Hutson, C. L., Kim, et al
2023: e0056823
 - **Prevalence of Mpox (Monkeypox) in patients undergoing STI screening in northern California, April-September 2022.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*
Contag, C. A., Renfro, Z. T., Lu, J., Shen, S., Karan, A., Solis, D., Huang, C., Sahoo, M. K., Yamamoto, F., Jones, M. S., Lin, J., Levy, V., Pinsky, et al
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 - **Retrospective Screening of Clinical Samples for Monkeypox Virus DNA, California, USA, 2022.** *Emerging infectious diseases*
Contag, C. A., Lu, J., Renfro, Z. T., Karan, A., Salinas, J. L., Khan, M., Solis, D., Sahoo, M. K., Yamamoto, F., Pinsky, B. A.
2023; 29 (4): 848-850
 - **Lack of preparedness for the next pandemic is an emergency.** *BMJ (Clinical research ed.)*
Karan, A.
2023; 380: p489
 - **Case Report: Monkeypox - Not Just a Rash.** *The American journal of tropical medicine and hygiene*
Contag, C. A., Karan, A., Studemeister, L., Bansil, R., Fong, I., Srinivasan, K., Salinas, J. L., Narasimhan, S., Cooper, J. D., Sahni, H.
2023
 - **Air quality disasters aren't going away. Here's how we can protect ourselves.**
Karan, A., et al
LA Times.
2023
 - **SARS-CoV-2 Reduction in Shared Indoor Air.** *JAMA*
Srikrishna, D., Karan, A., Dhillon, R. S.
2022; 328 (21): 2162-2163
 - **Occupational Monkeypox Virus Transmission to Healthcare Worker, California, USA, 2022.** *Emerging infectious diseases*
Alarcón, J., Kim, M., Balanji, N., Davis, A., Mata, F., Karan, A., Finn, L. E., Guerrero, A., Walters, M., Terashita, D., Balter, S. E.
2022; 29 (2)
 - **Overcoming "failures of imagination"-rethinking the US covid-19 pandemic response.** *BMJ (Clinical research ed.)*
Dhillon, R., Karan, A.

2022; 379: o2397

- **Human Monkeypox without Viral Prodrome or Sexual Exposure, California, USA, 2022.** *Emerging infectious diseases*
Karan, A., Styczynski, A. R., Huang, C., Sahoo, M. K., Srinivasan, K., Pinsky, B. A., Salinas, J. L.
2022; 28 (10)
- **Lack of severe acute respiratory coronavirus virus 2 (SARS-CoV-2) transmission from a healthcare worker to a cohort of immunosuppressed patients during the SARS-CoV-2 omicron variant surge, California, 2022.** *Infection control and hospital epidemiology*
Karan, A., Ferguson, J., Salinas, J. L.
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- **The covid-19 pandemic will end with public health tools, not clinical ones.** *BMJ (Clinical research ed.)*
Karan, A.
2022; 377: o1561
- **We need more support and less normalcy to stop airborne viruses.** *BMJ (Clinical research ed.)*
Karan, A.
2022; 377: o976
- **We cannot afford to repeat these four pandemic mistakes.** *BMJ (Clinical research ed.)*
Karan, A.
2022; 376: o631
- **What the face mask debacle can teach us about pandemic response.** *BMJ (Clinical research ed.)*
Karan, A.
1800; 376: o85
- **Covid-19: An urgent call for global "vaccines-plus" action** *BMJ-BRITISH MEDICAL JOURNAL*
Greenhalgh, T., Griffin, S., Gurdasani, D., Hamdy, A., Katzourakis, A., McKee, M., Michie, S., Pagel, C., Roberts, A., Yates, K., Alwan, N., Agius, R., Ahmed, et al
2022; 376: o1
- **The Biden Administration is wrong. Many N95 masks are comfortable- and they work.**
Karan, A., Srikrishna, D., Dhillon, R.
Washington Post.
2022
- **Why Masks Still Matter**
Karan, A., Yamey, G.
TIME.
2022
- **It's time to redouble and refocus our efforts to fight covid, not retreat**
multi-author letter, n., et al
BMJ.
2022
- **Polio is back-- aided by global health failures that spread COVID and monkeypox**
Karan, A., Maldonado, B.
LA Times.
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- **Don't pretend we are back to normal. Fight for cleaner air to prevent COVID.**
Karan, A., Srikrishna, S., Dhillon, R.
LA Times.
2022
- **The Omicron Wave Is Receding But the Pandemic Is Far From Over**
Yamey, G., Karan, A., Dhillon, R.
TIME Magazine.

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- **Preventing SARS-CoV-2 Transmission in Health Care Settings in the Context of the Omicron Variant.** *JAMA*
Klompas, M., Karan, A.
2022
- **How an outbreak became a pandemic: a chronological analysis of crucial junctures and international obligations in the early months of the COVID-19 pandemic.** *Lancet (London, England)*
Singh, S., McNab, C., Olson, R. M., Bristol, N., Nolan, C., Bergstrom, E., Bartos, M., Mabuchi, S., Panjabi, R., Karan, A., Abdalla, S. M., Bonk, M., Jamieson, et al
2021
- **The Risk of SARS-CoV-2 Transmission from Patients with Undiagnosed Covid-19 to Roommates in a Large Academic Medical Center.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Karan, A., Klompas, M., Tucker, R., Baker, M., Vaidya, V., Rhee, C., CDC Prevention Epicenters Program
2021
- **Rethinking vaccine hesitancy among minority groups.** *Lancet (London, England)*
Khan, M. S., Ali, S. A., Adelaine, A., Karan, A.
2021
- **Healthcare System Stress Due to Covid-19: Evading an Evolving Crisis.** *Journal of hospital medicine*
Karan, A., Wadhera, R. K.
2021; 16 (2): 127
- **Why should healthy front-line workers get vaccine boosters? Not to protect themselves.**
Karan, A.
Washington Post.
2021
- **A natural pandemic has been terrible. A synthetic one would be even worse**
Karan, A., Luby, S.
STAT News.
2021
- **What a recent Covid-19 flight outbreak tells us about spread on planes**
Karan, A.
Vox.
2021
- **America needs better masks to fight Covid-19**
Karan, A., Dhillon, R., Srikrishna, D.
CNN.
2021
- **Along with vaccine rollouts, the U.S. needs a National Hi-Fi Mask Initiative**
Karan, A., Dhillon, R., Srikrishna, D.
STAT News.
2021
- **The government can — and should — send high-quality masks to every American**
Dhillon, R., Karan, A., Beier, D., Srikrishna, D.
Washington Post.
2021
- **Give people better tools to stop viral transmission, and trust that they will use them**
Karan, A.
British Medical Journal.
2021

- **Vaccines are great, but testing and tracing will stamp out transmission**
Karan, A., Dhillon, R.
Washington Post.
2021
- **How to Protect Yourself Against Coronavirus Variants**
Karan, A.
New York Times.
2021
- **Why We're Terrible At Weighing The Risks Of The J&J Vaccine**
Karan, A., Katz, I., Zeckhauser, R.
NPR (Boston)/ WBUR.
2021
- **Solving global vaccine inequity requires new incentives for pharmaceutical companies**
Karan, A., Pogge, T.
British Medical Journal.
2021
- **How Covid reveals the hypocrisy of the global health experience.**
Karan, A.
NPR.
2021
- **The pandemic is out of control in India. These quick interventions would help.**
Bhadra, A., Karan, A., Srikrishna, D., Dhillon, R.
Washington Post.
2021
- **Herd immunity is not a helpful concept for Covid19. It's time to retire it.**
Karan, A., Parsonnet, J.
Washington Post.
2021
- **The CDC's latest blunder is really about trust, not masks**
Karan, A.
STAT News.
2021
- **I'm a doctor in the US, fighting to save my family in India from covid**
Karan, A.
Washington Post.
2021
- **Mitigating trafficking of migrants and children through disaster risk reduction: Insights from the Thailand flood** *International Journal of Disaster Risk Reduction*
Stoklosa, H., Burns, C. J., Karan, A., et al
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- **There is no stopping covid-19 without stopping racism.** *BMJ (Clinical research ed.)*
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2020; 369: m2244
- **To control the covid-19 outbreak, young, healthy patients should avoid the emergency department** *BMJ-BRITISH MEDICAL JOURNAL*
Karan, A.
2020; 368: m1040
- **The responsibility and potential of public health.** *Lancet (London, England)*

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2020; 395 (10217): 29

● **How Should Global Health Security Priorities Be Set in the Global North and West?** *AMA journal of ethics*

Karan, A.
2020; 22 (1): E50-54

● **Culture, Context, and Epidemic Containment**

--, N.
AMA Journal of Ethics.
2020

● **Coronavirus—containing the parallel epidemics of xenophobia and misinformation**

Karan, A.
British Medical Journal.
2020

● **Responding to Global Public Health Crises**

Karan, A.
AMA Journal of Ethics.
2020

● **If You Get Critically Ill With COVID-19, How Far Should Doctors Go To Keep You Alive?**

Karan, A., Shannon, E.
NPR (Boston)/ WBUR.
2020

● **Covid-19—on trust, experts, and the brilliance of everyday people**

Karan, A.
British Medical Journal.
2020

● **The thankless task of social distancing**

Karan, A.
Vox.
2020

● **If you get covid-19, leaving your house may be the best way to protect your family**

Karan, A.
Washington Post.
2020

● **A Plan to Safely Reopen the U.S. Despite Inadequate Testing**

Dhillon, R., Karan, A., Beier, D., Sullivan, A., Chowell, G., Chowell, D., Srikrishna, D.
Harvard Business Review.
2020

● **Alone with our patients in a pandemic**

Karan, A.
British Medical Journal.
2020

● **A doctor on how to make Covid-19 decisions when so much is unknown**

Karan, A.
Vox.
2020

● **We Need Better Masks**

Dhillon, R., Karan, A., Beier, D., Srikrishna, D.

- Harvard Business Review.
2020
- **Sports can't restart safely right now**
Karan, A., Dhillon, R.
Washington Post.
2020
 - **We could control the coronavirus by winter if we start using rapid tests**
Dhillon, R., Karan, A., Srikrishna, D.
Washington Post.
2020
 - **The U.S. Needs Smarter Lockdowns. Now.**
Dhillon, R., Karan, A.
Harvard Business Review.
2020
 - **We can't stop covid-19 if we don't know where and why it's spreading**
Dhillon, R., Karan, A.
Washington Post.
2020
 - **Trump's case should not change how we think about covid-19**
Karan, A.
Washington Post.
2020
 - **It's Easy To Say, 'Wear A Mask'. But People Need More Advice On Managing The Risk Of COVID-19**
Karan, A., Dhillon, R.
NPR (Boston)/ WBUR.
2020
 - **Essential Workers Need Better Masks**
Srikrishna, D., Karan, A., Beier, D., Dhillon, R.
Harvard Business Review.
2020
 - **To Solve The Pandemic, Biden Must Focus On Equity**
Karan, A., Dhillon, R., Walton, D., Katz, I.
NPR.
2020
 - **Stigma is making the COVID-19 pandemic more invisible**
Karan, A.
Boston Globe.
2020
 - **Pandemics are stopped by people—here's what we, as individuals, can still do**
Karan, A.
British Medical Journal.
2020
 - **A perpendicular framing for global health** *LANCET*
Dhillon, R. S., Karan, A., Marten, R.
2019; 394 (10210): 1708
 - **It's Time To End The Colonial Mindset In Global Health**
Karan, A.

NPR.
2019

- **Should you be worried about Ebola? It depends on where you live**

Karan, A.
Los Angeles Times.
2019

- **The Blind Men and the Elephant - Aligning Efforts in Global Health** *NEW ENGLAND JOURNAL OF MEDICINE*

Dhillon, R. S., Karan, A.
2018; 378 (15): 1374–75

- **Does the Stockholm Syndrome affect female sex workers? The case for a "Sonagachi Syndrome"** *BMC INTERNATIONAL HEALTH AND HUMAN RIGHTS*

Karan, A., Hansen, N.
2018; 18: 10

- **Caring about the Congo shouldn't require an Ebola epidemic**

Karan, A.
Boston Globe.
2018

- **We Need to Stop Ebola for the Right Reasons**

Karan, A., Mukherjee, J.
PLoS Global Health Blog (discontinued).
2018

- **The Most Important Tool For Doctors Fighting DRC's Ebola Crisis Isn't Medicine**

Karan, A.
Huffington Post.
2018

- **Ebola In The DRC Is More About The DRC Than It Is About Ebola**

Karan, A., Katz, I., Jha, A.
Health Affairs.
2018

- **Global general pediatric surgery partnership: The UCLA-Mozambique experience** *JOURNAL OF PEDIATRIC SURGERY*

Amado, V., Martins, D. B., Karan, A., Johnson, B., Shekherdimian, S., Miller, L. T., Taela, A., DeUgarte, D. A.
2017; 52 (9): 1528–33

- **The potential for political leadership in HIV/AIDS communication campaigns in Sub-Saharan Africa** *GLOBAL HEALTH ACTION*

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- **Medical "Brain Drain" and Health Care Worker Shortages: How Should International Training Programs Respond?** *AMA journal of ethics*

Karan, A., DeUgarte, D., Barry, M.
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- **Evaluating the socioeconomic and cultural factors associated with pediatric burn injuries in Maputo, Mozambique** *PEDIATRIC SURGERY INTERNATIONAL*

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2015; 31 (11): 1035–40

- **Ebola and the need for restructuring pharmaceutical incentives** *JOURNAL OF GLOBAL HEALTH*

Karan, A., Pogge, T.
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- **The effect of multimedia interventions on the informed consent process for cataract surgery in rural South India** *INDIAN JOURNAL OF OPHTHALMOLOGY*

- Karan, A., Somasundaram, P., Michael, H., Shayegani, A., Mayer, H.
2014; 62 (2): 171–75
- **The influence of poverty and culture on the transmission of parasitic infections in rural nicaraguan villages.** *Journal of parasitology research*
Karan, A., Chapman, G. B., Galvani, A.
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 - **Mpox Outbreak - Los Angeles County, California, May 4-August 17, 2023** *MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT*
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 - **California's new rules allow COVID-positive kids in school. Here's the problem.**
Karan, A.
Los Angeles Times.
2024
 - **Coronavirus FAQ: My partner/roommate/kid got COVID. And I didn't. How come?**
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 - **Monitoring routes of transmission for human mpox.** *Lancet (London, England)*
Karan, A., Contag, C. A., Pinsky, B.
2023; 402 (10402): 608-609
 - **Making the Air in the Office Cleaner.**
Srikrishna, D., Karan, A., Dhillon, R.
Harvard Business Review.
2023
 - **Air quality disasters aren't going away. Here's how we can protect ourselves,**
Karan, A.
Los Angeles Times.
2023
 - **Why Masks Still Matter**
Karan, A., Yamey, G.
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2022
 - **Genomic sequencing is critical to our fight against Covid**
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Scientific American.
2022
 - **To Have an Almost-Normal Summer, Do This Now: Guidance from a global health doctor**
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2021
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- **Messaging About Covid-19 Needs to Account for Privilege**

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Medium.
2021

- **We Are All Tired Of The Pandemic — But Our Actions Can Still Make A Big Difference**

Karan, A.
NPR (Boston)/ WBUR.
2020

- **Why I Said Nothing When My Med School Professor Made Racist Remarks**

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2020

- **How do we deal with “old guard” bigotry in healthcare?**

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- **Second-guessing may do more harm than good — especially among doctors**

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- **Hollywood and Gun Violence**

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- **The dehumanisation of the patient *BMJ-BRITISH MEDICAL JOURNAL***

Karan, A.
2019; 367: 16336

- **Doing things for no reason in the hospital *BMJ-BRITISH MEDICAL JOURNAL***

Karan, A.
2019; 364: 1841

- **Identification of Racial Inequities in Access to Specialized Inpatient Heart Failure Care at an Academic Medical Center. *Circulation. Heart failure***

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2019; 12 (11): e006214

- **Doing things for no reason in the hospital**
Karan, A.
British Medical Journal.
2019
- **Should family members be present during end of life medical emergencies?**
Karan, A.
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2019
- **Making sure patients understand and that doctors do too**
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British Medical Journal.
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Boston Globe.
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- **Don't Let Your Institution Define You**
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British Medical Journal.
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