"About the USPHS Syphilis Study." *Tuskegee University*, <a href="https://www.tuskegee.edu/about-us/centers-of-excellence/bioethics-center/about-the-usphs-syphilis-study">https://www.tuskegee.edu/about-us/centers-of-excellence/bioethics-center/about-the-usphs-syphilis-study</a>. Accessed 20 July 2025.

Beauchamp, Tom L., and James F. Childress. *Principles of Biomedical Ethics*. 7th ed., Oxford University Press, 2013.

The Belmont Report: Ethical Principles and Guidelines for the Protection of Human Subjects of Research. U.S. Department of Health and Human Services, Apr. 1979, https://www.hhs.gov/ohrp/regulations-and-policy/belmont-report/index.html.

Bhatt, Arun. "Evolution of Clinical Research: A History before and beyond James Lind." *Perspectives in Clinical Research*, vol. 1, no. 1, 2010, pp. 6–10, https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3149409/.

Centers for Disease Control and Prevention. "Maternal Mortality Rates in the United States, 2021." *National Center for Health Statistics*, 16 Mar. 2023, <a href="https://www.cdc.gov/nchs/data/hestat/maternal-mortality/2021/maternal-mortality-rates-2021.htm">https://www.cdc.gov/nchs/data/hestat/maternal-mortality/2021/maternal-mortality-rates-2021.htm</a>.

Char, Danton S., Nigam H. Shah, and David Magnus. "Bias and Fairness in Machine Learning for Health Care." *JAMA*, vol. 320, no. 19, 2018, pp. 1983–84, https://doi.org/10.1001/jama.2018.12107.

Chen, Irene Y., et al. "Ethical Machine Learning in Healthcare." *Annual Review of Biomedical Data Science*, vol. 4, no. 1, 2021, pp. 123–44, https://doi.org/10.1146/annurev-biodatasci-092820-114757.

Chidambaram, Aparna, and Michael Josephson. "Clinical Research Study Designs: The Essentials." *Pediatric Investigation*, vol. 3, no. 4, 2019, pp. 245–52, <a href="https://doi.org/10.1002/ped4.12166">https://doi.org/10.1002/ped4.12166</a>.

Davis, Nicola. "Al Skin Cancer Diagnoses Risk Being Less Accurate for Dark Skin – Study." *The Guardian*, 9 Nov. 2021, <a href="https://www.theguardian.com/society/2021/nov/09/ai-skin-cancer-diagnoses-risk-being-less-accurate-for-dark-skin-study">https://www.theguardian.com/society/2021/nov/09/ai-skin-cancer-diagnoses-risk-being-less-accurate-for-dark-skin-study</a>.

Doo, Florence X., et al. "Environmental Sustainability and Al in Radiology: A Double-Edged Sword." *Radiology*, vol. 310, no. 2, 2024, e232030, https://doi.org/10.1148/radiol.232030.

Emanuel, Ezekiel J., et al. "What Makes Clinical Research in Developing Countries Ethical? The Benchmarks of Ethical Research." *The Journal of Infectious Diseases*, vol. 189, no. 5, 2004, pp. 930–37, https://doi.org/10.1086/381709.

Farmer, Nicole, et al. "Use of a Community Advisory Board to Build Equitable Algorithms for Participation in Clinical Trials: A Protocol Paper for HoPeNET." *BMJ Health & Care Informatics*, vol. 29, no. 1, 2022, e100453, https://doi.org/10.1136/bmjhci-2021-100453.

Gebran, Anthony, et al. "Development of a Machine Learning-Based Prescriptive Tool to Address Racial Disparities in Access to Care after Penetrating Trauma." *JAMA Surgery*, vol. 158, no. 10, 2023, pp. 1088–95, https://doi.org/10.1001/jamasurg.2023.2293.

Ghassemi, Marzyeh, Luke Oakden-Rayner, and Andrew L. Beam. "The False Hope of Explainable Al." *The Lancet Digital Health*, vol. 3, no. 11, 2021, e745–47, https://doi.org/10.1016/S2589-7500(20)30308-9.

Haider, Syed A., et al. "The Algorithmic Divide: A Systematic Review on Al-Driven Racial Disparities in Healthcare." *Journal of Racial and Ethnic Health Disparities*, 2024, https://doi.org/10.1007/s40615-024-02237-0.

Jiang, Fei, et al. "Artificial Intelligence in Healthcare: Past, Present and Future." *Stroke and Vascular Neurology*, vol. 2, no. 4, 2017, pp. 230–43, https://doi.org/10.1136/svn-2017-000101.

Morley, Jessica, et al. "The Ethical and Social Implications of Artificial Intelligence in Health Care." *Bulletin of the World Health Organization*, vol. 98, no. 4, 2020, pp. 246–51, https://doi.org/10.2471/BLT.19.237426.

National Academy of Medicine. *Artificial Intelligence in Health Care: The Hope, the Hype, the Promise, the Peril.* The National Academies Press, 2022, https://doi.org/10.17226/27111.

National Academy of Medicine. *An Artificial Intelligence Code of Conduct for Health and Medicine: Essential Guidance for Aligned Action.* The National Academies Press, 2025, https://doi.org/10.17226/29087.

Obermeyer, Ziad, et al. "Dissecting Racial Bias in an Algorithm Used to Manage the Health of Populations." *Science*, vol. 366, no. 6464, 2019, pp. 447–53, https://doi.org/10.1126/science.aax2342.

O'Neil, Cathy. Weapons of Math Destruction: How Big Data Increases Inequality and Threatens Democracy. Penguin Books, 2016.

Parikh, Rahul B., Sebastian Teeple, and Amol S. Navathe. "Addressing Bias in Artificial Intelligence in Health Care." *JAMA*, vol. 322, no. 24, 2019, pp. 2377–78, https://doi.org/10.1001/jama.2019.18058.

Patient-Centered Outcomes Research Institute. https://www.pcori.org/. Accessed 20 July 2025.

Price, W. Nicholson, and I. Glenn Cohen. "Privacy and Medical Big Data." *Nature Medicine*, vol. 25, 2019, pp. 37–43, https://doi.org/10.1038/s41591-018-0272-7.

Rajkomar, Alvin, Jeffrey Dean, and Isaac Kohane. "Machine Learning in Medicine." *The New England Journal of Medicine*, vol. 380, no. 14, 2019, pp. 1347–58, https://doi.org/10.1056/NEJMra1814259.

Sawyer, Nicholas T., and Ashley Escayg. "Artificial Intelligence in Medicine: A Review." *Frontiers in Artificial Intelligence*, vol. 3, 2020, Article 13, https://doi.org/10.3389/frai.2020.00013.

Sezgin, Emre. "Artificial Intelligence in Healthcare: Complementing, Not Replacing, Doctors and Healthcare Providers." *Digital Health*, vol. 9, 2023, https://doi.org/10.1177/20552076231186520.

Tjoa, Ethelbert, and Cuntai Guan. "Explainable AI in Healthcare." *Journal of the American Medical Informatics Association*, vol. 27, no. 7, 2020, pp. 1074–88, https://doi.org/10.1093/jamia/ocaa032.

Topol, Eric J. "High-Performance Medicine: The Convergence of Human and Artificial Intelligence." *Nature Medicine*, vol. 25, 2019, pp. 44–56, https://doi.org/10.1038/s41591-019-0548-6.

Villarosa, Linda. *Under the Skin: Racism, Inequality, and the Health of a Nation.* Doubleday, 2022.

Williams, Linda Faye. *The Constraint of Race: Legacies of White Skin Privilege in America*. Pennsylvania State University Press, 2003.

Zewe, Adam. "Explained: Generative Al's Environmental Impact." *MIT News*, Massachusetts Institute of Technology, <a href="https://news.mit.edu/2025/explained-generative-ai-environmental-impact-0117">https://news.mit.edu/2025/explained-generative-ai-environmental-impact-0117</a>. Accessed 20 July 2025.