Stanford



Ariadne Nichol

Resident in Medicine

Bio

BIO

Ariadne Nichol is a resident physician in Internal Medicine at Stanford and a researcher at the Stanford Center for Biomedical Ethics. She earned her bachelor's degree in Human Biology from Stanford University, where she graduated with Honors in Ethics in Society and was named a Public Service Scholar. She earned her medical degree from the UC San Diego School of Medicine, where she developed a biomedical ethics course and received a teaching award from the School of Medicine. She has previously worked on global public health research ethics topics with the World Health Organization, Doctors Without Borders, and the National Public Health Organization of Greece. Her work has been published in several peer-reviewed journals, including the American Journal of Bioethics, PLOS ONE, and JAMA Network Open. Her research interests include ethical issues in biomedical research involving vulnerable populations, as well as the ethical and social implications of big data and machine learning in health care and for precision medicine.

PROFESSIONAL EDUCATION

- MD, UCSD School of Medicine
- BA, Stanford University

Publications

PUBLICATIONS

- **Ethics of Autonomous AI Clinical Trials: Delphi Study.** *Journal of medical Internet research*
  Nichol, A. A., Youssef, A., Larson, D. B., Abramoff, M., Wolf, R. M., Char, D., Martinez-Martin, N.
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- **Moral Engagement and Disengagement in Health Care AI Development.** *AJOB empirical bioethics*
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- **Developer Perspectives on Potential Harms of Machine Learning Predictive Analytics in Health Care: Qualitative Analysis.** *Journal of medical Internet research*
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- **A Novel Radiographic and Genetic Variant of Adult-Onset Leukoencephalopathy With Axonal Spheroids and Pigmented Glia: Case Report.** *The Neurohospitalist*
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- **Validation of a 3D-Printed Silicone-Based Laryngeal Model for Resident Education.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
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- **Assessing Long-Term Quality of Life Concerns Through Survivorship Clinic in Head and Neck Cancer Patients.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
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- **Ethical Considerations in the Design and Conduct of Clinical Trials of Artificial Intelligence.** *JAMA network open*
  Youssef, A., Nichol, A. A., Martinez-Martin, N., Larson, D. B., Abramoff, M., Wolf, R. M., Char, D.
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- **A case report of sinonasal glomangiopericytoma: An important reminder to always collect specimen.** *Science progress*
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- **Emerging Infectious Diseases at the Intersections of Human, Animal, and Environmental Health.** *AMA journal of ethics*
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- **Diverse experts' perspectives on ethical issues of using machine learning to predict HIV/AIDS risk in sub-Saharan Africa: a modified Delphi study.** *BMJ open*
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