

## Fireside Chat Video Series Discussion Questions

## **Ethics in Vaccine Research**

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The following discussion questions are provided as an additional educational tool to accompany this fireside chat video. Please feel free to select the questions that are most relevant to your committee or group, revise and adapt them as needed, etc. As always, we welcome feedback on this or any other NSHEN resource.

## **Questions:**

- What stood out most to you in this interview and why?
- What ethical concerns would you have around *including* and *not including* the following population groups in early stage vaccine trials?
  - Children
  - Pregnant women
  - Elderly populations.
- Would you participate in a vaccine trial? Why or why not?
- Would you consider participating in a vaccine trial if you were already eligible for a vaccine against the disease? (Consider the values that drive your answer.)
- When pharmaceutical companies succeed in developing effective vaccines, do you think they have an ethical obligation to offer vaccines to trial participants who received placebos during the trial?
  - O Does your opinion shift if these participants are not eligible for a vaccine outside the trial?
- What ethical values do you think should guide priority in vaccine research and development?
- What ethical values do you think should guide vaccine distribution, both nationally and globally?
- What role should governments play in building and enhancing public trust in vaccines?
- How has the COVID-19 pandemic shifted your thinking about ethics and vaccines?

## Resources

Aubrey, Allison. "A COVID-19 Vaccine May Be Only 50% Effective. Is That Good Enough?". NPR September 12, 2020. <a href="https://www.npr.org/sections/health-shots/2020/09/12/911987987/a-covid-19-vaccine-may-be-only-50-effective-is-that-good-enough">https://www.npr.org/sections/health-shots/2020/09/12/911987987/a-covid-19-vaccine-may-be-only-50-effective-is-that-good-enough</a>

Cooper, D.M., Afghani, B., Byington, C.L. et al. SARS-CoV-2 vaccine testing and trials in the pediatric population: biologic, ethical, research, and implementation challenges. Pediatr Res (2021). https://doi.org/10.1038/s41390-021-01402-z

Grady, Christine. 2004. Ethics of vaccine research. Commentary. *Nature Immunology* 5(5): 465-468 <a href="https://www.nature.com/articles/ni0504-465.pdf?origin=ppub">https://www.nature.com/articles/ni0504-465.pdf?origin=ppub</a>

Helfland, Benjamin K., Margaret Webb, Sarah L. Gartaganis, et al. 2020. The Exclusion of Older Persons From Vaccine and Treatment Trials for Coronavirus Disease 2019—Missing the Target. Research Letter. *JAMA Internal Medicine*, 2020; 180(11): 1546-1549.

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Monrad, Joshua Teperowski. 2020. Ethical considerations for epidemic vaccine trials. *Journal of Medical Ethics*http://dx.doi.org/10.1136/medethics-2020-106235

Rid, Anette, Marc Lipsitch, and Franklin G. Miller. 2020. The Ethics of Continuing Placebo in SARS-CoV-2 Vaccine Trials. *JAMA*. 2021;325(3):219-220. doi:10.1001/jama.2020.25053 https://jamanetwork.com/journals/jama/fullarticle/2774382

Rubin, Rita. 2021. COVID-19 Vaccines vs Variants—Determining How Much Immunity Is Enough. *JAMA*. 2021;325(13):1241-1243. <a href="https://jamanetwork.com/journals/jama/fullarticle/2777785">https://jamanetwork.com/journals/jama/fullarticle/2777785</a>

Sussman, Anna Louie. "The Coronavirus Vaccine Presents a Dilemma for Pregnant Women". published in The New Yorker, February 1, 2021.

https://www.newyorker.com/science/medical-dispatch/the-coronavirus-vaccine-presents-a-dilemma-for-pregnant-women

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