

## Editorial: Consequences of Making Vaccines Optional in the U.S.

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The issue of making vaccines optional in the United States raises significant public health concerns and ethical dilemmas, particularly in the context of the COVID-19 pandemic. The implications of this decision extend beyond individual choices, affecting societal health, vaccine uptake, trust in health systems, and future disease outbreaks.

### Public health risks and herd immunity

One of the primary consequences of adopting an optional vaccination stance is the potential decline in herd immunity. Vaccination is critically recognized as a public health achievement that prevents serious infectious diseases [1]. When vaccination rates fall below necessary thresholds, herd immunity is compromised, increasing susceptibility within the community. This decline can be especially problematic in highly contagious diseases such as measles, where even small drops in coverage can result in outbreaks [2]. As Taylor, *et al.* [3] note that public education campaigns may only partially alleviate vaccine hesitancy; thus, the permissibility of vaccine refusal could result in increased disease prevalence.

### Increased vaccine hesitancy and mistrust

The trend towards making vaccines optional may further exacerbate vaccine hesitancy. Bardosh, *et al.* [4] argue that current COVID-19 vaccination policies can foster distrust in governmental and scientific institutions. Should vaccines become optional, this may amplify existing negative sentiments and perceptions about vaccination efficacy and necessity, complicating efforts to increase uptake in future public health campaigns. The absence of mandatory policies may allow misinformation and fear to persist, as individuals may become more resistant to vaccination without the external pressure of mandates [5].

### Health inequality

Furthermore, making vaccines optional may widen health inequalities. Various studies indicate that disadvantaged populations often have lower vaccination rates [2], and without mandates, the gulf between socioeconomic groups may widen. Vulnerable populations who are less likely to get vaccinated stand a higher risk of adverse health outcomes during an outbreak, ultimately exacerbating health disparities [6]. Mills and Rüttenauer, Savulescu [7,8] emphasize that targeted interventions are necessary to effectively combat these disparities.

### Ethical dilemmas and individual autonomy

The decision to make vaccines optional also raises ethical dilemmas regarding individual autonomy versus public health needs. While some argue in favor of personal choice, citing individual rights and autonomy [5], others contend that public health objectives, especially in the context of contagious diseases, necessitate some form of coercion to achieve broader societal protection [2,7]. The balance between

respecting personal freedoms and ensuring the health and safety of the community presents a continual challenge in public health discussions.

### Long-term implications on vaccine uptake

Finally, the long-term implications of optional vaccination policies could hinder both current and future vaccination efforts. Evidence suggests that once voluntary vaccination rates decline, restoring public confidence and improving uptake can be exceptionally challenging [9]. Historical precedents indicate that initiatives to mandate vaccines generally lead to higher initial vaccination uptake but may erode trust over the long term if perceived as overly coercive [10].

### Conclusion

The decision to make vaccines optional within the U.S. carries significant repercussions, including risks to public health through reduced herd immunity, increased health inequalities, burgeoning vaccine hesitancy, ethical disputes regarding personal autonomy and collective responsibility, and potential long-term negative impacts on vaccination programs. Stakeholders must weigh these factors carefully when considering vaccination policies.

### Bibliography

1. Rus M and Grošelj U. "Ethics of vaccination in childhood-a framework based on the four principles of biomedical ethics". *Vaccines* 9.2 (2021): 113.
2. Williamson L and Glaab H. "Addressing vaccine hesitancy requires an ethically consistent health strategy". *BMC Medical Ethics* 19.1 (2018): 84.
3. Taylor S., *et al.* "A proactive approach for managing COVID-19: The importance of understanding the motivational roots of vaccination hesitancy for SARS-CoV2". *Frontiers in Psychology* 11 (2020).
4. Bardosh K., *et al.* "The unintended consequences of COVID-19 vaccine policy: why mandates, passports, and restrictions may cause more harm than good". *BMJ Global Health* 7.5 (2022): e008684.
5. Babcock H., *et al.* "Mandatory influenza vaccination of health care workers: translating policy to practice". *Clinical Infectious Diseases* 50.4 (2010): 459-464.
6. Galanakis E., *et al.* "Ethics of mandatory vaccination for healthcare workers". *Eurosurveillance* 18.45 (2013).
7. Mills M and Rüttenauer T. "The effect of mandatory COVID-19 certificates on vaccine uptake: synthetic-control modelling of six countries". *The Lancet Public Health* 7.1 (2022): E15-E22.
8. Savulescu J. "Good reasons to vaccinate: mandatory or payment for risk?". *Journal of Medical Ethics* 47.2 (2020): 78-85.
9. Chantler T., *et al.* "Vaccination: Is there a place for penalties for non-compliance?". *Applied Health Economics and Health Policy* 17.3 (2019): 265-271.
10. Gori D., *et al.* "The impact of mandatory vaccination law in Italy on MMR coverage rates in two of the largest Italian regions (Emilia-Romagna and Sicily): An effective strategy to contrast vaccine hesitancy". *Vaccines* 8.1 (2020): 57.

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