

I-VAC

ILLINOIS VACCINATES
AGAINST COVID-19

A project led by the Illinois Chapter
of the American Academy of Pediatrics



I-VAC NEWSLETTER

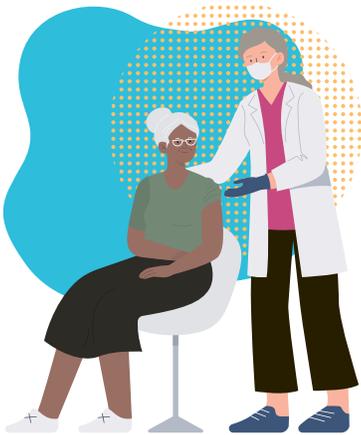
JANUARY 2023

VACCINE UPDATES CORNER:

1

Myocarditis: Vaccination vs. Infection

It is so important that patients and their families know that [data](#) continues to support that the risk of myocarditis after COVID-19 infection is greater than the risk associated with COVID-19 vaccination. Not only is the risk of myocarditis higher after infection than vaccination, but the severity of the outcomes also increases. One [systematic review](#) of 22 randomized control trials and observational studies determined that there is a 7 times greater risk of myocarditis after infection than after vaccination.



2

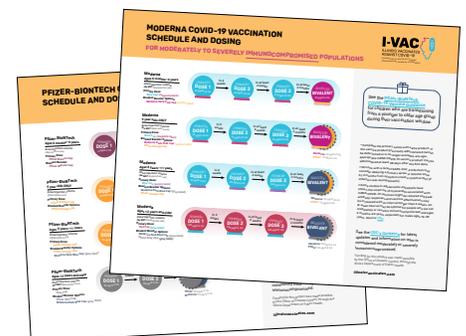
COVID-19 Vaccine Impact

COVID-19 vaccines have been administered for just over 2 years and in that time have had an overwhelmingly positive impact on morbidity, mortality, and economics. [A study from the Commonwealth Fund](#) shows that since December 2020, 655 million doses have been administered, averting 18 million hospitalizations, 3 million deaths, and 119 million infections in the US. In addition, it is estimated that COVID-19 vaccines helped save \$1.15 trillion in medical costs that would have been incurred. While 80% of the US population has received at least 1 dose of a COVID-19 vaccine, there has still been 82 million infections, 4.8 million hospitalizations, and 798,000 deaths attributed to COVID-19, demonstrating the continued need to promote completion of the primary series and remaining up-to-date with booster doses.

3

Effectiveness of Bivalent COVID-19 Vaccines

Recent MMWR reports have demonstrated that the bivalent COVID-19 vaccine is effective in preventing COVID-19 infection and hospitalization, compared to vaccination with only monovalent products. The longer after the most recent dose is received, the more effective the bivalent vaccine is at [preventing symptomatic infection](#). In those 65 and older, a bivalent booster dose provides 73% additional protection [against COVID-19 hospitalization](#) compared with past monovalent mRNA vaccination only. As of December 9, 2022, bivalent products have also been authorized for use in those as young as 6 months. Find the dosing and scheduling charts that reflect this update [here](#).



KEY DRIVERS IN DECISIONS TO RECEIVE COVID-19 VACCINE

Jake Bowers, a professor of political science and statistics at the University of Illinois, completed [a study](#) which found that the perception of others' actions in terms of COVID-19 vaccination had a significant impact on their decision to receive the vaccine. For example, if someone perceived that their family and friends would receive the vaccine, they were more likely to receive it themselves. Alternatively, if someone perceived that their close contacts would not receive the vaccine, they would be less likely to do so. Similar patterns exist based on political affiliation. These findings highlight the impact of social relationships on health and can help influence the development of future COVID-19 vaccine campaigns.



UPCOMING EVENTS:



OFFICE HOURS

I-VAC [office hours](#) offer opportunities for providers to ask any of their COVID-19 vaccine implementation questions in a casual, virtual setting. Join us for the whole hour or for as long as you need assistance!

DAY	DATE	TIME	ADVISOR
Wednesday	January 11	8 a.m.	Daniel Lau, MD
Wednesday	January 18	12 p.m.	Edward Linn, MD
Thursday	January 26	8 a.m.	Therese Lucietto, MD
Wednesday	February 1	12 p.m.	Lauren Fore, MD
Thursday	February 9	8 a.m.	Patrick Dolan, MD



Join Us on Zoom!

Scan the QR code or visit the following link to join our office hours session on Zoom:

bit.ly/ivac-office-hours



IN-PERSON BOOTCAMP

ICAAP will be hosting an in-person COVID-19 vaccine bootcamp in Champaign on 1/20/23.

[Learn more and register here.](#)



LEARNING COLLABORATIVES

Join a learning collaborative session, hosted by ECHO-Chicago. Sessions are scheduled from 5:30–6:30 p.m.

Pediatric Populations

Jan 24, 2023
Feb 7, 2023
Feb 21, 2023
Mar 7, 2023
Mar 21, 2023

Adult Populations

Feb 1, 2023
Feb 15, 2023
Mar 1, 2023
Mar 15, 2023
Mar 29, 2023

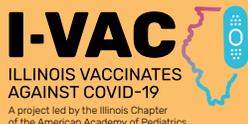
[Learn more and register here.](#)



BEYOND THE NEEDLE PODCAST

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January 2023

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