

## Protection declines dramatically over time for all three COVID-19 vaccines: study



As the delta variant became the dominant strain of coronavirus across the United States, all three COVID-19 vaccines available to Americans lost some of their protective power, with vaccine efficacy among more than 780,000 veterans dropping between 35% and 85%, according to a new study from the Public Health Institute, the Veterans Affairs Medical Center and the University of Texas Health Science Center. The decline was greatest for the Johnson & Johnson vaccine, with protection against infection declining from 86.4% in March to 13.1% in September. Declines for the Pfizer vaccine dropped to 43.3% in six months, from 86.9%, while Moderna's protection fell from 89.2% to 58%. Importantly, however, researchers also found that vaccination of any type was protective against death among infected individuals. The relative benefit of vaccination for protection against death was greater for persons under 65 but was also very strong for persons over 65.

It seems as if this past year the talk of the town is the COVID-19 vaccine. It is still too early to determine the exact effectiveness of these vaccines but all we can do currently, is wait and see. As vaccination numbers rise, I believe there has been a decrease in COVID numbers. Now that booster doses have been recommended by the CDC for certain populations, hopefully that will result in lower COVID numbers. As a society, we have to continue becoming vaccinated so one day hopefully we can eradicate this virus like we have many others.

To review the full article, please go here: <https://www.mcknights.com/news/clinical-news/protection-declines-dramatically-over-time-for-all-three-covid-19-vaccines-study/>