

- Vaccination

Covid Vaccine Efficacy Between Men and Women

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Covid-19 vaccines are certainly effective in preventing severe complications from the disease. The immunity that vaccines provide, however, tends to weaken after vaccination. This is the key finding of a study that looked into the matter.



The study, conducted by Israeli researchers and published in the New England Journal of Medicine, found that antibodies developed against Covid-19 among vaccinated people waned down in the 80 days after receiving the second dose of the Pfizer-BioNTech vaccine, although the pace of the decline slowed down after.

It also found that women had higher antibody counts compared to men towards the end of the study's observation period, suggesting that immunity with where the Pfizer-BioNTech vaccine is concerned weakens faster in men than in women.

The study's proponents analyzed data from more than 4,800 vaccinated healthcare professionals in Israel from December last year to July this year. They also found data that suggested that individuals aged 18 to 45 developed stronger immunity than those aged over 65 after getting the second shot of the vaccine.

The study's findings are consistent with the findings of another study which was conducted by researchers in France. Published on the medRxiv server, that found that antibody decline was faster in men than in women. It was on data from more than 300 healthcare workers in France.