One Shot or Two?

Interview by Kristen Jill Abboud

What do we know about whether or not two doses of vaccine are required in people who have already been infected with SARS-CoV-2?

Dr. Akiko Iwasaki, Professor of Immunobiology and Molecular, Cellular, and Developmental Biology at Yale School of Medicine, about establishing effective immunity in individuals who have recovered from COVID-19 in Numbers

Must Read

Pzer/BioNTech’s COVID-19 vaccine is 51% effective at preventing both COVID-19 infection and disease in a preprint article published in Science. The authors report that intramuscular doses of the vaccine were associated with a decrease in antibody levels, which could reduce the effectiveness of the vaccine in certain populations. Researchers from Israel have provided protection against COVID-19 in non-human primates. The Pzer/BioNTech vaccine was recently reported in a preprint article, providing evidence for the effectiveness of the vaccine in preventing COVID-19 disease.

The COVID-19 vaccines currently authorized in the country could establish herd immunity. In this publication, researchers from the U.K. studied whether or not two doses of vaccine are required in people who have already been infected with SARS-CoV-2. This preprint article suggests that intramuscular doses of the vaccine were associated with a decrease in antibody levels, which could reduce the effectiveness of the vaccine in certain populations. Researchers from Israel have reported protection against COVID-19 in non-human primates. The Pzer/BioNTech vaccine was recently reported in a preprint article, providing evidence for the effectiveness of the vaccine in preventing COVID-19 disease.

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In response to the still limited supply of COVID-19 vaccines, governments, health departments, and scientists are evaluating various ways to stretch existing doses and continues to spread globally, and new approaches to vaccination that may offer vaccines, including ways to optimize distribution of limited supply, the viral variants. An article in The Lancet recently published a preprint article that tested mosaic vaccines, which are increasingly prevalent. These vaccines were designed to target different parts of the virus, making it more difficult for the virus to escape the immune system. The authors concluded that these vaccines were effective in preventing COVID-19 disease in non-human primates. The Pzer/BioNTech vaccine was recently reported in a preprint article, providing evidence for the effectiveness of the vaccine in preventing COVID-19 disease. In this publication, researchers from the U.K. studied whether or not two doses of vaccine are required in people who have already been infected with SARS-CoV-2. This preprint article suggests that intramuscular doses of the vaccine were associated with a decrease in antibody levels, which could reduce the effectiveness of the vaccine in certain populations. Researchers from Israel have reported protection against COVID-19 in non-human primates. The Pzer/BioNTech vaccine was recently reported in a preprint article, providing evidence for the effectiveness of the vaccine in preventing COVID-19 disease.

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