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Pfizer evaluates Omicron-based COVID-19 vaccine in 18 to 55 years old

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First participants enrolled in clinical trial received Omicron-based vaccine candidate as a two-dose primary series and as a booster dose



Pfizer Inc. and BioNTech SE have announced the initiation of a clinical study to evaluate the safety, tolerability and immunogenicity of an Omicron-based vaccine candidate in healthy adults 18 through 55 years of age.

The study will have three cohorts examining different regimens of the current Pfizer-BioNTech COVID-19 vaccine or an Omicron-based vaccine. The study will draw upon some participants from the companies' Phase 3 COVID-19 booster study and is part of their ongoing efforts to address Omicron and determine the potential need for variant-based vaccines.

"While current research and real-world data show that boosters continue to provide a high level of protection against severe disease and hospitalization with Omicron, we recognize the need to be prepared in the event this protection wanes over time and to potentially help address Omicron and new variants in the future," said Kathrin U. Jansen, Ph.D., Senior Vice President and Head of Vaccine Research & Development at Pfizer.