

Brazilian study says Sinovac COVID-19 jab 78% effective

January 7 2021, by Mauricio Savarese



Sao Paulo Governor Joao Doria shows the press a box of an experimental COVID-19 vaccine CoronaVac as containers carrying doses of it are unloaded from a cargo plane that arrived from China at Guarulhos International Airport in Guarulhos, near Sao Paulo, Brazil, Thursday, Nov. 19, 2020. The experimental vaccine is being tested in a partnership with the Butantan Institute and Chinese pharmaceutical company Sinovac. (AP Photo/Andre Penner)

A vaccine candidate made by China's Sinovac is 78% effective in protecting against COVID-19, according to results of a study announced Thursday by Brazilian state health officials seeking federal approval of the shot.

More than 12,000 [health workers](#) participated in the study, which detected 218 cases of COVID-19—about 160 of those among people who received a placebo rather than the actual [vaccine](#).

Turkish officials last month said that a smaller, companion study in that country of the same [vaccine candidate](#) found an efficacy rate of over 90%.

The government of Sao Paulo state, which has contracted for the vaccine, said it is asking Brazil's federal health regulators for emergency approval to begin using it. Gov. João Doria plans to start a vaccination campaign for the state's 46 million residents on Jan. 25.

The health agency said in a statement that it has not yet received full data on the study.

The researchers reported no [serious side effects](#) in the study.

The U.S. has required vaccine candidates to be tested in at least 30,000 people to determine safety and effectiveness.

The Sinovac candidate was ready for late-stage testing at a time when China had such little [coronavirus](#) spread that the company was forced to look to multiple locations abroad to amass the necessary data.



Health workers push a patient suspected of having COVID-19 into the HRAN Hospital in Brasilia, Brazil, Thursday, Jan. 7, 2021. (AP Photo/Eraldo Peres)



A patient suspected of having COVID-19 is transferred from an ambulance to the Regional Hospital of Samambaia, which specializes in the care of new coronavirus cases in Brasilia, Brazil, Thursday, Jan. 7, 2021. (AP Photo/Eraldo Peres)

"Today is the day of hope, the day of life," Doria said in a news conference. Brazil is nearing 200,000 deaths caused by the virus.

The Sao Paulo governor is an adversary of President Jair Bolsonaro, who has downplayed the risks of the pandemic since the beginning and has repeatedly questioned the quality of the Chinese vaccine.

A different Chinese company, SinoPharm, announced last week that its similar vaccine is about 79% effective. Both of those vaccines rely on

inactivated viruses.

© 2021 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: Brazilian study says Sinovac COVID-19 jab 78% effective (2021, January 7) retrieved 25 April 2024 from

<https://medicalxpress.com/news/2021-01-brazilian-sinovac-covid-jab-effective.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.