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India's first nasal vaccine for COVID-19 receives nod for Ph 2/3 trial

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Being developed by Bharat Biotech



Bharat Biotech's intranasal vaccine is the first nasal vaccine that has received the regulatory approval for Phase 2/3 trials.

This is the first of its kind COVID-19 jab to undergo human clinical trials in India.

BBV154 is an intranasal replication-deficient chimpanzee adenovirus SARS-CoV-2 vectored vaccine. Bharat Biotech has in-licensed technology from Washington University in St Louis, USA.

Phase 1 Clinical trial has been completed in age groups ranging ?18 to ?60 years. The Company reports that the doses of the vaccine administered to healthy volunteers in the Phase I clinical trial, has been well tolerated. No serious adverse events reported.

Previously, the vaccine was found to be safe, immunogenic and well tolerated in the pre-clinical toxicity studies. The vaccine was able to elicit high level of neutralizing antibodies in animal studies.