

COVID-19 Vaccine Update

By: APhA-ASP Operation Immunization

Pfizer-BioNTech Vaccine	Moderna Vaccine	Janssen vaccine	Phase 3 Clinical Trials
<ul style="list-style-type: none"> ● mRNA vaccine ● 2-dose series given 21 days apart ● Recommended for ages 16+ ● 95% effective in preventing COVID-19 in patients. ● Does NOT contain: eggs, preservatives, or latex. ● Common side effects at injection site: pain, swelling, redness. ● Side effects throughout body: chills, tiredness, headache. ● Side effects of body are more common after the second dose of the vaccine. ● Data suggests that patients who received the Pfizer vaccine were less likely to develop serious side effects compared to those who received the saline placebo. 	<ul style="list-style-type: none"> ● mRNA vaccine ● 2-dose series given 28 days apart ● Recommended for ages 18+ ● 94.1% effective in preventing COVID-19 in patients. ● Does NOT contain: eggs, preservatives, or latex. ● Common side effects at injection site: pain, swelling, redness. ● Side effects throughout body: chills, tiredness, headache. ● Side effects of body are more common after the second dose of the vaccine. ● Data suggests that patients who received the Moderna vaccine were less likely to be hospitalized compared to those who received the saline placebo. 	<ul style="list-style-type: none"> ● Viral Vector Vaccine ● Single dose vaccine ● Recommended for ages 18+ ● 66.3% effective in preventing COVID-19 in patients. ● Does NOT contain: eggs, preservatives, or latex. ● Common side effects at injection site: pain, swelling, redness. ● Side effects throughout body: tiredness, headache, muscle pain, chills, fever, and nausea. ● Side effects usually start within a day or two after vaccine. ● Data suggests that patients who received the Moderna vaccine were less likely to be hospitalized compared to those who received the saline placebo. 	<ul style="list-style-type: none"> ● As of 02/27/21, There are 2 vaccines undergoing large-scale Phase 3 testing. ● Phase 3 testing is conducted on a larger population (thousands of patients) and further evaluates efficacy of the vaccine. Patients who receive the vaccine will be compared to those who receive the placebo to determine vaccine efficacy. ● The Phase 3 clinical trials include the vaccines of AstraZeneca, Novavax.