**COVID-19**

**VIRAL VECTOR VACCINE Q&A's**

**QUESTION**

"What are AstraZeneca and Johnson & Johnson's viral vector vaccines?"

**ANSWER**

A viral vector vaccine uses a safe virus as a "carrier." It has information about COVID-19 to teach your body how to make COVID-19's spike protein. Your immune system memorizes the spike protein and destroys the protein and the safe virus. Now if you get COVID-19, your body will know how to fight it off effectively.

**QUESTION**

"How effective are viral vector vaccines?"

**ANSWER**

Viral vector vaccines are very effective at reducing severe COVID-19 symptoms, hospitalization, and death. This can relieve pressure on the healthcare system and may allow us to end lockdown sooner. They also seem to reduce spread from one person to another.

**QUESTION**

"Are the ingredients in viral vector vaccines safe?"

**ANSWER**

Yes! Viral vector vaccines use a safe virus to teach your body about COVID-19. Other ingredients include salts, sugar, water, and medical-grade alcohol. There are no blood products, animal products, or fetal tissues.

**QUESTION**

"What kind of long-term data do we still need?"

**ANSWER**

Large-scale trials showed us viral vector vaccines are safe. Even better, as of February 2021, over 15 million people have safely had the AstraZeneca vaccine in the UK. Now, we need long-term data to know how long they work, how well they work for older adults, and if we will need boosters.