Educational Series
Traditional Vaccines vs mRNA Vaccines

With COVID-19 cases on the rise questions regarding the newly available vaccine being distributed are also on the rise.

CASSA's COVID-19 vaccine education series is aiming to answer those questions.

Traditional Vaccines vs mRNA Vaccines

Traditional vaccines are a product that deliver either a weak or inactive virus to the body. When the vaccine enters the body, it triggers the body's immune system to recognize and respond to the foreign agent being introduced.

Even though we are not sick we introduce the virus so that if we are exposed to the real active virus, we have the immune response ready to combat it before it infects our cells.

COVID -19 vaccines are different. They introduce instructions through mRNA which is basically a strip of information used to create a protein specific to the virus. Since this protein is foreign to our body, our body starts attacking it by creating proteins of their own known as antibodies.

By creating antibodies, we can rely on the body's natural defenses to better protect itself when and if it is exposed to the real virus. Scientific advancements, knowledge about viruses, and years of research on mRNA vaccines made it possible to develop a COVID-19 in a shorter span of time.

Want to learn more about the COVID-19 vaccine? Watch out for CASSA's second video in the COVID -19 vaccine educational series.

Information obtained from Public Health Ontario.