

IMMUNIZATION



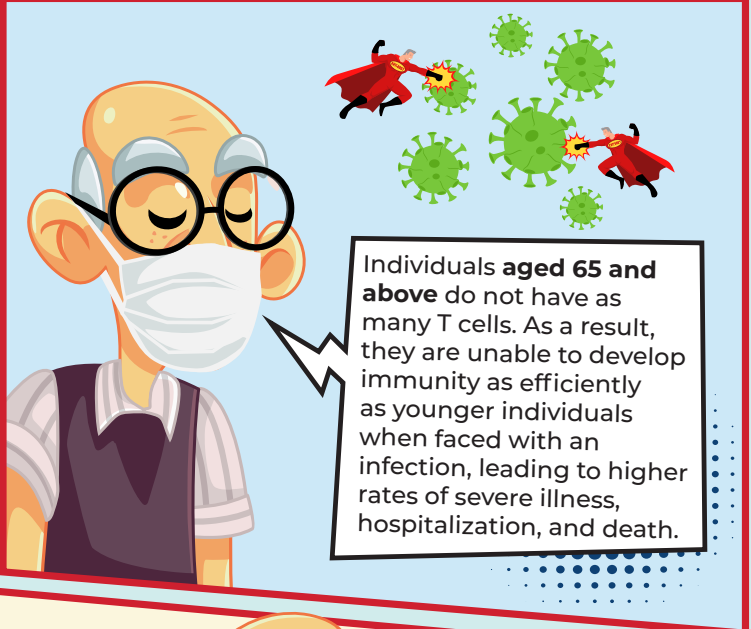
BECOME YOUR OWN SUPER HERO BY GETTING A COVID-19 VACCINE

Naïve T cells play a crucial role in the body's defense against new infections. They produce killer cells and antibodies to combat the infection.

Individuals **under 65** generally have a higher number of T cells, which helps them better combat viruses, resulting in lower rates of severe illness, hospitalization, and death.



Individuals **aged 65 and above** do not have as many T cells. As a result, they are unable to develop immunity as efficiently as younger individuals when faced with an infection, leading to higher rates of severe illness, hospitalization, and death.



Vaccines can help overcome this T cell deficiency by creating immunity (antibody and killer cells) ahead of time. This preexisting immunity is a powerful tool in combating the virus. When you receive the vaccine, it boosts your killer cells and helps you fight off the virus, providing a significant defense against severe illness.

While data shows that the rate of symptomatic infection decreases with the vaccine in older adults, the most important benefit is a reduction in the severity of illness. This means there is less chance of being severely sick, being admitted to the hospital, and even dying. And there is clear evidence that the vaccines significantly cut down the rate of these severe outcomes.



We anticipate COVID-19 outbreaks in late June through September and December through February.

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