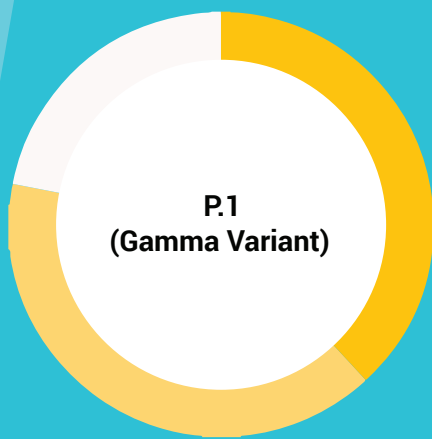


What is the efficacy and effectiveness of available COVID-19 vaccines for variants of concern?

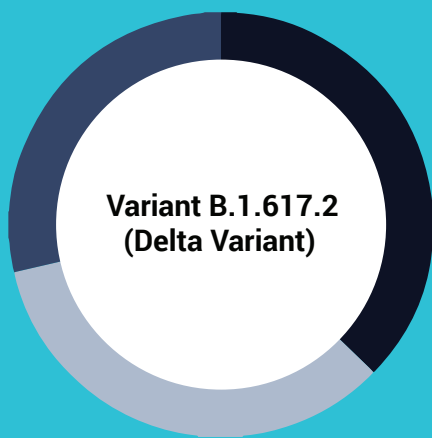


- Pfizer Vaccine**
70-97% effective in preventing infection;
91-98% in preventing severe illness and death
- Moderna Vaccine**
86-100% effective in preventing infection;
96% in preventing severe illness and death
- AstraZeneca Vaccine**
62% effective in preventing infection



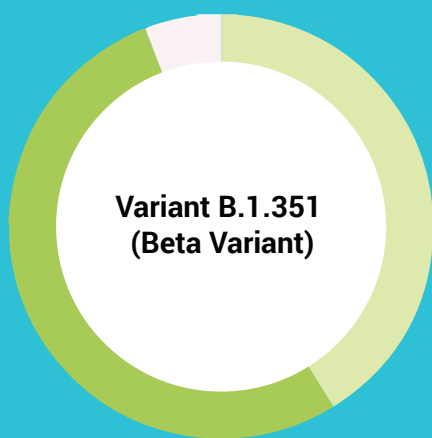
- Pfizer Vaccine**
84-88% effective in preventing symptomatic infection;
95% in preventing hospitalization
- Moderna Vaccine**
88% effective in preventing symptomatic infection
- AstraZeneca Vaccine**
48% effective in preventing symptomatic infection;
83% effective in preventing hospitalization

**No data available for after second dose*

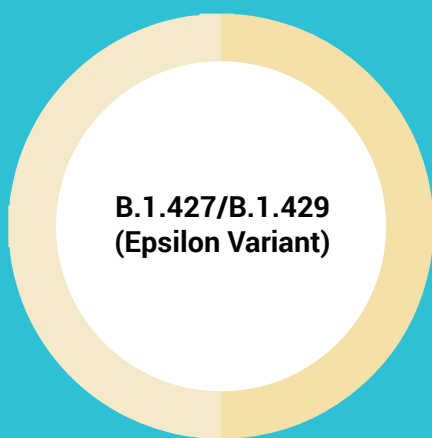


- Pfizer Vaccine**
79% effective in preventing infection;
96% in preventing severe illness and death
- Moderna Vaccine**
72% effective in preventing symptomatic infection;
96% in preventing hospitalization
- AstraZeneca Vaccine**
60% effective in preventing infection;
92% in preventing hospitalization

**No data available for after second dose*



- Pfizer Vaccine**
75% effective in preventing infection;
100% in preventing severe illness and death
- Moderna Vaccine**
96% effective in preventing infection;
96% in preventing severe illness and death
- AstraZeneca Vaccine**
10% effective in preventing infection



- Pfizer Vaccine**
86% effective in preventing infection
- Moderna Vaccine**
86% effective in preventing infection
- AstraZeneca Vaccine**
No data available

SOURCES | https://www.mcmasterforum.org/docs/default-source/product-documents/living-evidence-syntheses/covid-19-living-evidence-synthesis-6.12-what-is-the-efficacy-and-effectiveness-of-available-covid-19-vaccines-in-general-and-specifically-for-variants-of-concern.pdf?sfvrsn=4c1c0b40_9 ; <https://www.ctvnews.ca/health/coronavirus/tracking-variants-of-the-novel-coronavirus-in-canada-1.5296141> ; <https://health-infobase.canada.ca/covid-19/epidemiological-summary-covid-19-cases.html#VOC> ; <https://nccid.ca/covid-19-variants/> as of July 27, 2021