

**List of Medical Conditions for Which Persons are Considered Medically Vulnerable to Severe COVID-19 and Recommended a Second Booster Dose**

According to the press release by the Expert Committee on COVID-19 Vaccination on June 10 2022, medically vulnerable persons aged 18 years and above should receive the second booster.

Individuals who are at higher risk of severe disease include those who have at least one of the following medical risk factors:

1. Diabetes
2. Heart conditions such as heart failure, ischemic heart disease, cardiomyopathy
3. Chronic lung conditions, including severe asthma
4. Chronic liver conditions, including cirrhosis
5. Chronic kidney conditions, including dialysis
6. Chronic neurologic conditions, including stroke
7. Cancer on active treatment
8. Blood conditions such as thalassemia and sickle cell anemia
9. Immunodeficiencies, including HIV infection
10. Obesity (BMI  $\geq$  30)
11. Genetic or metabolic conditions, including Down's syndrome and cystic fibrosis
12. Persons on non-cancer immunosuppressive treatment

*Last Updated: 10 June 2022*