

# COVID Vaccines: Do We Need a **Booster** **Dose** Now?

## Long-lasting protection



All studies indicate that two doses of vaccines will induce immune memory and long-lasting protection against severe COVID-19.

## Highly effective vaccines



For the general population, vaccines remain highly effective against hospitalization and death.

## Additional measures



The spread of emerging viral variants implies that additional non pharmaceutical measures are still required.

## Frail and elderly population



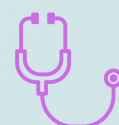
A booster dose may be the easiest strategy to increase protection in elderly and frail people.

## Immunosuppressed patients



Certain immunosuppressed patients require a special vaccination regimen (including a third-dose).

## Healthcare workers



Close monitoring will be needed to determine if and when specific groups, such as healthcare workers, would benefit from a booster dose.

## mRNA vaccines for additional doses



mRNA-based vaccines are ideal candidates for additional doses, both in terms of safety and immunogenicity.

## Increasing vaccination coverage



The most effective strategy to deal with new viral variants is to nationally increase vaccine coverage.

## Worldwide unequal distribution of vaccines



To reduce the emergence of new viral variants, existing doses must be urgently allocated to protect vulnerable people in countries with low vaccine access.

## There is no need to a booster dose



At this timepoint, there is no scientific evidence supporting the need of a booster dose for the general population.

more information:

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