

Please,
please
#Getvaccinated



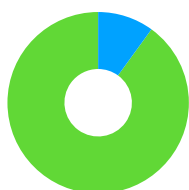
As more people get vaccinated, the percentage of Covid-19 patients hospitalised despite being vaccinated will go up. This **does not** mean that vaccines aren't working!

The Vaccination Paradox Mk 2!

To explain why, **let's consider some hypothetical numbers.**

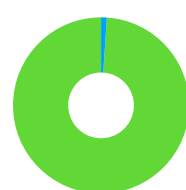
Imagine a disease caused by "Virus -19". There are some really good vaccines, which reduces the risk of hospitalisation by 90%:

10% of **un**vaccinated people need hospitalisation if they catch Virus-19:



● Hospitalised
● Not hospitalised

But only 1% of **fully vaccinated** people need hospitalisation if they catch Virus-19



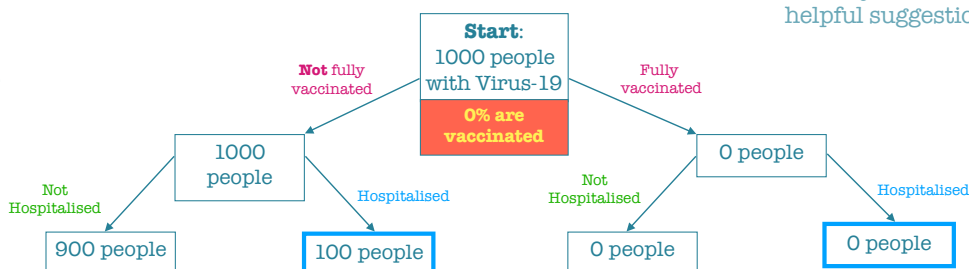
● Hospitalised
● Not hospitalised

To bring this back to the real-life situation with COVID-19, current vaccines are 92-96% effective* at reducing hospitalisation.

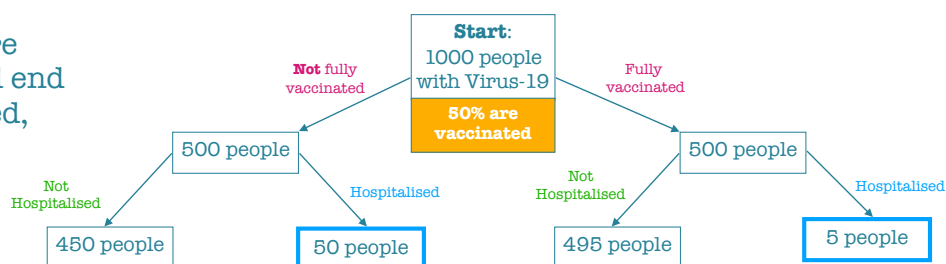
*PHE, 14/6/21, regarding AZ & Pfizer against the Delta variant

• Infographic by @DrLindaDykes & @kennyshirley
• Many thanks to @natesjacobs for helpful suggestions!

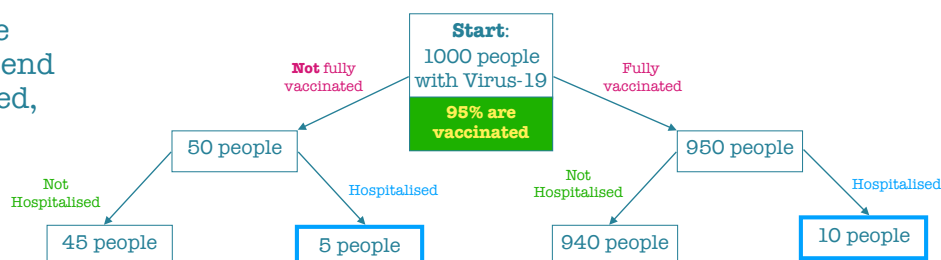
1 If nobody were vaccinated, 100 people would end up hospitalised.



2 If 50% of the population were vaccinated, 55 people would end up hospitalised (5 vaccinated, and 50 unvaccinated)



3 If 95% of the population were vaccinated, 15 people would end up hospitalised (10 vaccinated, and 5 unvaccinated)



More vaccines given = fewer people hospitalised
(but more of them will have been vaccinated)

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