

## One jab is not enough: two are needed for vaccination

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Just to fuel the Covid debate that is going on here, I offer this from the latest [React Study](#) from [Imperial College London](#):

Table 4: IgG positivity 21 days or more after one and two Pfizer/BioNTech doses, by age group

Category	Pfizer single dose, >21 days earlier					Pfizer two doses				
	Positive	Total	Prevalence	Lower CI	Upper	Positive	Total	Prevalence	Lower	Upper
18-29	213	225	94.7	90.9	96.9	30	30	100.0	91.7	100.0
30-39	270	300	90.0	86.1	92.9	48	48	100.0	94.7	100.0
40-49	358	425	84.2	80.5	87.4	104	108	96.3	90.9	98.6
50-59	462	599	77.1	73.6	80.3	118	128	92.2	86.2	95.7
60-69	221	313	70.6	65.3	75.4	70	73	95.9	88.6	98.6
70-79	148	304	48.7	43.1	54.3	38	41	92.7	80.6	97.5
80+	293	845	34.7	31.5	37.9	477	543	87.8	84.8	90.3

As they say:

*In 971 individuals who received two doses of the Pfizer-BioNTech vaccine, the proportion testing positive was high across all age groups, at 91.1% (88.5, 97.1) overall. Following a single dose of Pfizer-BioNTech vaccine after 21 days or more, 84.1% (82.2, 85.9) of people under 60 years tested positive (unadjusted) with a decreasing trend with increasing age, but high responses to a single dose in those with confirmed or suspected prior COVID at 88.8% (85.9, 91.2) overall. (Table 4) The apparent higher positivity in people with prior COVID-19 was present in all age groups.*

I suggest the evidence is abundant: two doses are needed, and the sooner the better.

A single dose does not appear to be achieving anything like the expected benefits, most especially for the vulnerable.

On this basis, government policy would appear to be placing wholly inappropriate faith in single-dose jabs that do not deliver vaccination for those who really need it.