

# The spread of the virus and herd immunity

According to global figures 0.3% of the world population or some 20 million people have now had CV 19. Of these sadly 750,000 have died, a death rate of 4% of known cases. Given the shortage of tests in large countries like India and Mexico these figures may be an underestimate. In some other countries using the formula on death certificates of death with rather than death caused by CV19 there may be some compensatory overcounting.

The numbers do imply however that we are a long way off having the herd immunity some scientists talked about in the early days of the pandemic. The virus has not found as many superspreaders as feared so far. There is also medical and scientific doubt about whether someone who has had it is likely then to resist having it again. If it turned out to be more like flu or colds you could get it or a variant of it again.

If this is the case cautious scientists will continue to argue in favour of social distancing to limit further spread. The scientific community remains wedded to the idea of a vaccine, whilst accepting it could take a long time find a safe and successful one. How many readers here would not wish to take up the offer of vaccination if one were available?

Meanwhile the better medical news is Blood clot busters, steroids and anti viral drugs are all now being tested and some Approved and mobilised to improve treatment and lower the death rate.