

## **The Future with COVID-19**

### **Foundation Scripture:**

Rev 3:10 Because thou hast kept the word of my patience, I also will keep thee from the hour of temptation, which shall come upon all the world, to try them that dwell upon the earth.

### **A. Pandemic Statistics.**

1. Current status.

**WW** cases 39M (+11M), deaths 1.1M (+200K);

Daily: cases 400K (+100K), deaths (same) 6K;

Estimate: on target for 1.5M deaths by 12/31/20.

**USA** cases 8.2M (+1.7M), deaths 223K (+27K);

Daily cases 60K (+30K), deaths (NC) 1K;

Estimated 410K (+110K) deaths by 12/3. It took 3 months for the USA to hit 1M cases but last month it went up 1.7 M.

2. Forecast.

Because of Labor Day, daily new cases have doubled and year-end holidays are yet to come. University of Washington forecasts 410K deaths in the USA by 12/31/20. Others have now come up with similar forecasts.

Wearing masks could reduce the deaths to about 300K in the US.

These estimates do not include the complications of a severe flu season.

### **B. Masks.**

1. Two articles have stated that wearing masks is not effective in preventing infection and claim up to 87% of wearers are infected. I researched one article which quoted as a source, the Delphi Blog at Carnegie Mellon University, and the blog totally disagrees with the articles.
2. Additionally, confusion is due to a Facebook posting, which poorly used incorrect numbers. The result was that it conveyed the wrong impression despite the fact that the conclusion of the article was that masks, even if inferior, do protect the wearers.
3. Remember that we at ABC have surgical masks and N-95 masks. Most people have cloth masks which are nowhere as effective. Use your N-95 sparingly for areas which have the potential for large crowds; and cover it with a cloth mask.
4. A joint 6 month study of masks on planes by the DOD and UAL concludes that 99.997% of all Covid particles do not get into other persons' respiratory inputs if they are wearing masks. (3/100,000 do.)
5. Israeli Sonovia mask, coated with Zinc oxide, provides 99% protection. 3M N-95 mask with 95% is unavailable because it is always sold out. Israeli mask can be washed 55 times and cost \$69 (\$35 each if you buy an order of 10). N-95 by 3M is \$21 if you can find them and they are un-washable.

## C. Vaccinations.

### 1. Current Status.

All leading Covid-19 vaccines have been genetically engineered, including Regeneron recently taken by President Trump.

### 2. Status of testing on Covid vaccines.

Three major-level tests have been halted because a patient got sick in each: Eli Lilly's Remdesivir, Johnson & Johnson (no name but similar technology to what it used to develop the Ebola vaccine), and AstraZeneca's AZD1222.

Fox news reports that "4 coronavirus treatments, including Remdesivir and hydroxychloroquine, flop in large WHO study." The results are still preliminary.

## D. Opening-up from lockdown.

### 1. 3 Households bubble.

In CA, Newsom has issued a directive that up to 3 households may get together outside, with masks, social distancing and not sharing food.

Is that wise? It depends on whether all 3 households are abiding by the same rules. Are they all ABCers? Then, that is probably ok.

### 2. My opinion on Opening-up.

I think that this is the worst time to open up. We are entering into fall and winter, times which are conducive to the spreading and longevity of the virus. It will be concurrent with the Flu season.

The three worst months of the 1918-1920 pandemic were in the Fall; October, November and December. The Flu started in March 1918 and by August, they thought it was over; but in October 195,000 died in the USA because the immune systems of the infected were over-responding with secreting abnormal levels of anti-inflammatory cytokines creating high levels of organ injuries and producing a W-shaped curve of death, killing not just very young and old but also those in their prime, 25-35. Today, the mortality rate for those challenged with this cytokine explosion is 40-50%.

**Note:** as the 1918 Flu emerged, cover-up and denial helped it spread. Mask wearing rules also faced stiff resistance (History.com).

### 3. Remember 80% of all Covid infections are in the home.

**Remember:** With faith and patience, you inherit the promise. (Heb 6:12)