

To:

3-1-2020

Alex Azar / Mike Pence
1600 Pennsylvania Ave NW
Washington DC 20500

Re:

NPT for COVID-19

Dear Mr. Azar:

I would like to make a suggestion for protecting/reducing risk for people using public transportation.

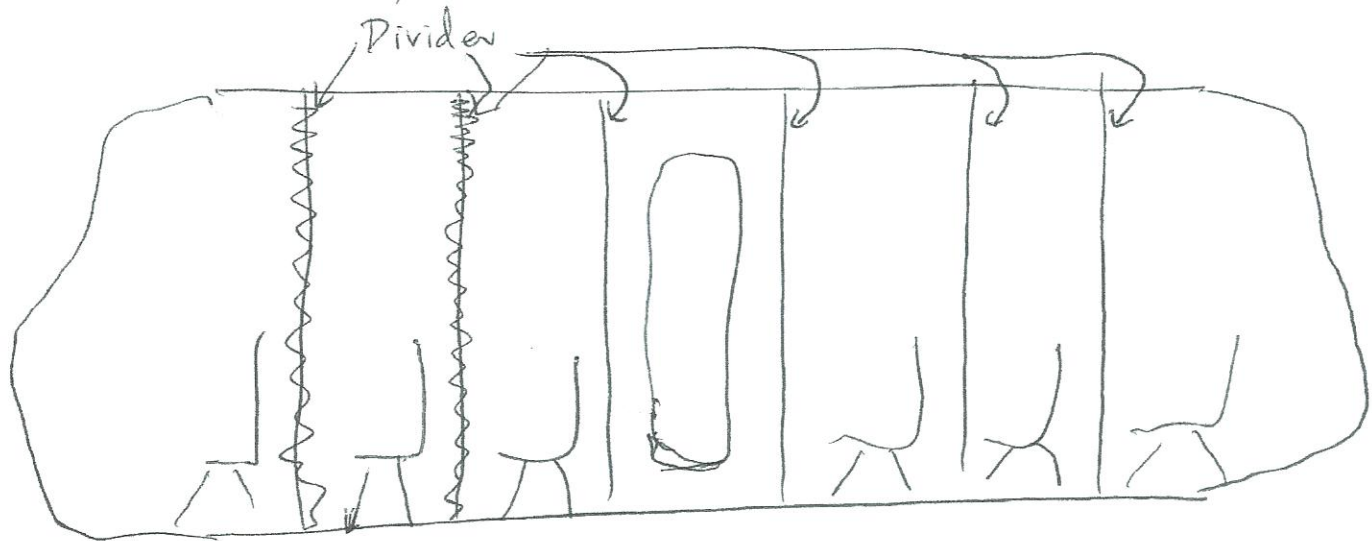
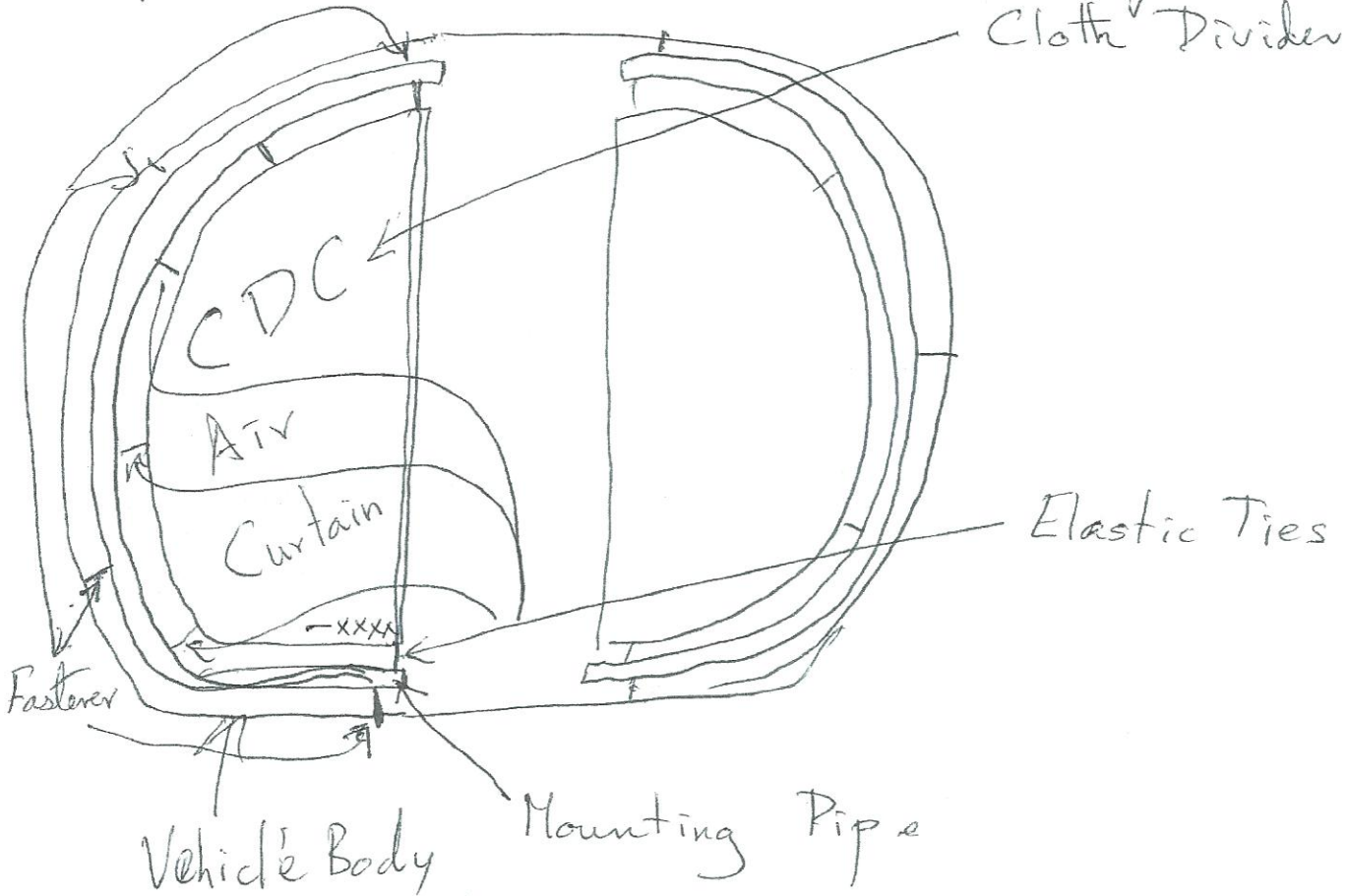
It seems to me that you can reduce the probability of spread via coughing/respiration if you established an air circulation on public transport vehicles that moves exhaled air away from people's faces, and limits the distance a cough or sneeze can travel with infected particles. We can do this if clean air is introduced near the top center of the commuter space and

extracted from the bottom sides of the space.
A filter on the extracted air would prevent the particles from being exhausted to the outside of the vehicle. A diagram :-



An additional step public transportation agencies can take is to install temporary cloth/plastic space dividers, so somebody coughing or sneezing ~~is less likely to~~ is less likely to contaminate another person. You could print "CDC Air Curtains" ^{on them} to let people know why they are there.

The dividers can be real simple:-



and prefabricated. When the crisis is over you remove the dividers to restore lost capacity.

Page 4

During the crisis, the filters can be replaced regularly, and the debris on them sampled for various pathogens.

The air should be kind of cold, so people are encouraged to wear gloves and other coverings. Wearing gloves will also discourage them from touching their faces with their hands after contact with a dirty surface.

So what do you think (and your experts!) - would this make an indepth effective NPT defense that can be implemented relatively economically?

Sincerely
