

I have chosen this topic because

brief overview

wearing a face mask helps prevent

However, there has been less guidance

U.S. Centers for Disease Control and Prevention not N95 health care workers

However, cornucopia

Chinese-made KN95s and South Korean-made KF94s

September 10

In the first part of my talk I would like to consider

filtration, fit and comfort.

Filtration

For example, an N95

However, that does little good if gaps around the mask air

well-fitted sit snugly face chin no gaps around nose mouth.

Also, comfort

intolerable

Now, I'd like to move on to the next part of my presentation, which is about the best masks on the market.

In the absence which brands best protection, some skilled amateurs have stepped in to fill the gap. Aaron Collins mechanical engineer at Seagate Technology

mask-testing setup in bathroom, evaluates masks filtration efficiency by generating aerosols of sodium chloride. **Then** he uses a condensation particle counter — a device that measures the concentration of particles inside and outside a mask he is wearing — determine inward leakage through and around the mask. **Also**, Collins tests “pressure drop,” KN95s Powecom

Despite N95 standard children, manufacturers . small faces and are easy to put on. tolerate

We have come to the final part of my talk about facial hair, reusing masks and double masking.

Next, let's discuss reusing masks. KN95s considered disposable. **However**, be worn multiple times. have a few in rotation, reusing one every three days or so,

And, **finally**, double masking. **Although** the pressure drop was almost twice as high as that of an N95

That brings me to the end of my talk. Let me go over the key points again. I have told you we have known lastly we have discussed

To conclude I'd like to leave you with the following thought.

enough high quality masks for everyone, perhaps ditch loose-fitting for **Thank you for your attention. If you have any questions, I'll be happy to answer them.**