

09:44:44 From Dan : How many test kits do we have in California?

Unknown. Many of the hospitals have internalized testing. The limiting step now is the number of viral test swabs, which are in short supply. – Marvin Weiss

Orange county Public Health has 2,500 tests, and currently has remaining capacity for about 1,000 tests.-Quynh Kieu

09:45:49 From Dan : Why can we can not have enough of regular mask let alone N95?

The use for health care workers will be in the billions over the next 12-18 months. There were only two manufacturers in the US before this outbreak, but many more are coming on-line, but deliveries will be weeks, if not months, to peak production. Also, a caution: N95 masks have to be fit-tested to work, and they are hard to breathe through. – Marvin Weiss

The federal government has stockpiled supplies which it is planning to release starting the week of March 22. -Quynh Kieu

09:54:35 From Dan : please comments on AB test w fast result!

The only test that should be relied upon now is the PCR test. – Marvin Weiss

09:57:45 From Dan : the Korean has rapid IgM test, how good is that?

IgM and IgG antibodies begin to appear after 6 days of infection. Interpretation of antibody testing is sometimes difficult due to cross reaction with other antigens (need to document significant rise in titers over 2-4 weeks). useful for epidemiology or to show previous infection, not usually helpful for current illness (syphilis is an exception) – Jared Spotkov

10:04:29 From Nathan Le : There has been multiple reports of how long these virus can live. Can you comment on how long do the aerosolized virus can live in the air and how long do the droplet containing virus can live on the surface for?

This was answered during the webinar. – Marvin Weiss

10:06:54 From Stephanie Gordon : Could you share links to those studies on how long they survive on surfaces and that UV light does kill them (I thought the WHO said that it doesn't effectively kill them)?

Ultraviolet light treatments are used to sterilize blood products (e.g., platelets, RBC, plasma, etc) before transfusion. This high intensity UV light is NOT for disinfection of people, objects, etc. – Jared Spotkov
Normal commercial UV light does not kill coronavirus. It needs to be high-intensity industrial UV light, which is dangerous to humans. – Marvin Weiss

Project Vietnam equipped Nghe An Women's and Children's Hospital Summer of 2015 with Ultraviolet wand dispensing 254nm for additional sanitizing of surfaces and equipment because their sterilizers were down for several months. It was helpful and adequate for bacteria and spores but not documented for virus. – Quynh Kieu

10:07:11 From Stephanie Gordon : not questioning your credibility, just want to use as reference!

[Persistence of coronaviruses on inanimate surfaces and their inactivation with biocidal agents.](#)

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10:12:40 From Galaxy S10+ : Are there any thoughts that presence of adenoids potentially play a part in why young children have been spared?

So far the age related susceptibility to severe SARS-coronavirus-2 infection is not known. It is possible that a "more advanced" immune response in adults leads to more severe disease, or exposure to other common coronaviruses which is more likely in adults leads to more severe disease. pharyngeal lymphoid tissue (like adenoids) are important locations of immune response, but their role in modulating disease severity is so far unknown. – Jared Spotkov

10:13:03 From Dan : How do you know for sure that a patient is cured?

When fever, other symptoms are gone, x-rays have returned to normal and they are no longer able to infect others (this would require followup PCR testing which has been done in research studies) – Jared Spotkov

10:19:46 From Nathan Le : Can you also speak about home safe for >65 yo people, it is important for them to still go outside for regular exercise and sun light (Vit D) with social distancing. Many of our senior are staying in door and getting very depressed and anxious.

It's very important to stay active and socially connected safely (like by phone/video). – Jared Spotkov

10:30:28 From Stephanie Gordon : Are people able to sew masks to help out with the shortage and donate them? If so, which organizations would take them or they could join to do this?

Yes, this is something you can to help out! Check out the link here:
<https://laist.com/2020/03/22/i-can-sew-homemade-masks-will-hospitals-use-them-against-coronavirus.php> - NamQuyen Le