

## **VIVID: SCRIPT FOR VIDEO (SEPTEMBER 2020)**

Hello, this is Dr. JoAnn Manson, Professor of Medicine at Harvard Medical School and Brigham and Women's Hospital, and one of the Directors of the Vitamin D for COVID-19 trial (or as we call it, the VIVID trial). Thank you for your interest in learning about the VIVID trial, which is a nationwide clinical trial being conducted by researchers at Brigham Health and Harvard University.

This brief video will discuss the reasons for testing vitamin D supplements for the early treatment of COVID-19, the steps involved in participating in our study, and tell you how to assess your eligibility to join. First, we want you to know that our trial is open to people living throughout the United States and is conducted entirely remotely, with no clinic visits and no need to travel. We'll send you your study pills and other supplies that you need to participate by express mail. Pill taking will last for 4 weeks, with weekly electronic surveys.

Why are we testing vitamin D supplements in COVID? Vitamin D has looked promising for boosting our immune system to fend off infections, but it hasn't been tested specifically for COVID-19. Some studies also show that vitamin D may decrease (or "tamp down") inflammation, which may play a role in preventing severe COVID illness leading to hospitalization. But, again, there isn't yet conclusive evidence that vitamin D supplements have these benefits in COVID. Thus, by participating in this trial, you help advance science and help answer these critically important questions about the potential benefits of vitamin D in COVID.

Our trial is open to people across the U.S. who have been recently diagnosed with COVID (with symptom onset and a positive test result within the past few days) to see if taking vitamin D supplements can reduce the risk of developing severe illness requiring hospitalization. If you are eligible and agree to enroll in the study, we will ALSO give you an opportunity to identify a close household contact (such as a spouse, partner, or family member in the same household), who can participate in the study with you. The household contact must be someone who has NOT been diagnosed with COVID, so that we can additionally test whether vitamin D supplementation can prevent their risk of becoming infected with COVID. Having a household contact is not required for participation, though. Overall, we plan to include nearly 3000 participants across the country.

For you to be eligible for the vitamin D and COVID trial (VIVID), you must:

1. Be at least 30 years old and recently diagnosed with COVID-19 infection.
2. Have access to the internet to complete study surveys.
3. Be willing to provide informed consent, which will be done online using a secure website.

Please do the eligibility screen on our website as soon as possible— it will tell you if you're eligible.

If you're eligible, you'll be randomly assigned by a computer to receive either the vitamin D pills or inactive placebo pills. This is a process similar to flipping a coin. Both of these groups are equally important for advancing scientific knowledge and we don't yet know if vitamin D will be better than placebo. That's why we're doing the trial. You can partner with us to help get these answers on vitamin D and COVID by participating in this trial.

We'll also ask you to provide a blood spot collection at home, to measure your vitamin D level and other biomarkers, and will send you all the supplies you need for this. This would take place at the beginning of the study and again at 4 weeks. Please look at our companion video link on the website, which shows you how to do this and send the card back to us in the return mailer. As a token of our appreciation for providing the samples, we'll send you a small gift certificate.

Thank you for watching this video and we hope you can join us in getting these important answers. we look forward to working together with you and send you our best wishes. This is JM.