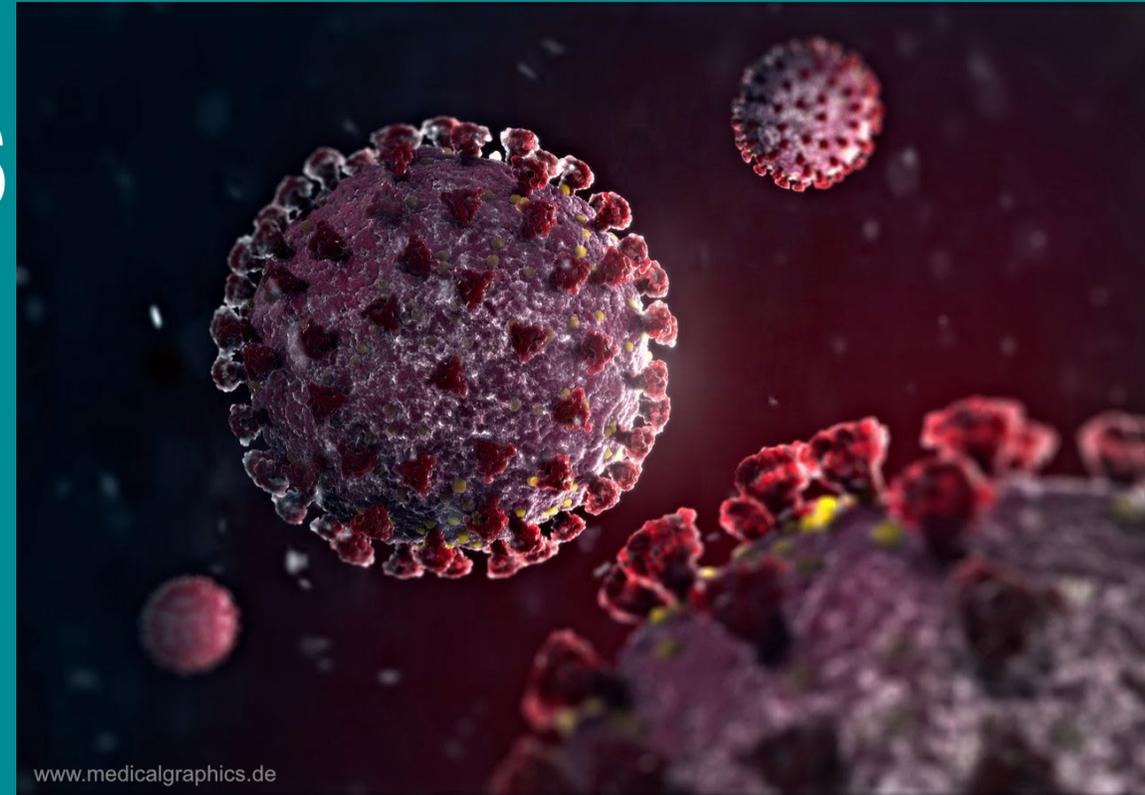


Precautions Covid-19 in lab studies

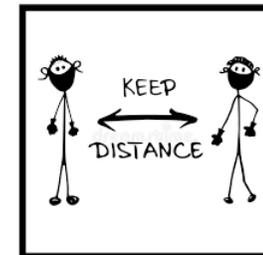
Kjell Brunnström



Brunnström, K., B. Andrén, B. Schenkman, A. Djupsjöbacka, and O. Hamsis. (2020). *Recommended precautions because of Covid-19 for perceptual, behavioural, quality and user experience experiments with test persons in indoor labs* (978-91-89167-69-8 (ISBN)), DOI: 10.23699/j865-cz77.

General precautions

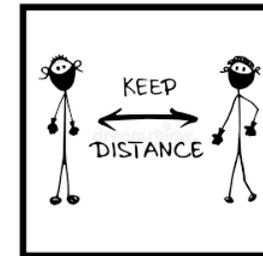
- Verbal agreement shall be obtained from both the test person and the test leader that he or she is healthy (asymptomatic).
- The test person is instructed to travel during non-rush hour (public transport) or with their own means of transport
- The test person will only meet the test leader. Communication should be done at a safe distance, and preferably through electronic means.
- If both younger and older persons are tested, then they should not be tested close in time, and preferably not on the same day.
- Physical distancing is to be maintained; the test leader should not shake hands with the test persons when they arrive and leave.





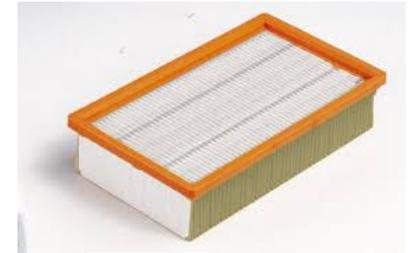
General precautions

- Both test person and test leader should wash and disinfect their hands thoroughly (for 30 s or more).
- The test person is to be instructed to use a face mask or a visor, as is most suitable for the experiment.
- The test leader should use a visor.
- A safe physical distance should be kept as much as is possible when giving the test instructions. Some test equipment may require the test leader to be closer than 1 meter but then preferably in as short a time as possible.
- Products and other equipment as well as the testing room with its furniture should be disinfected and cleaned using appropriate methods between sessions.



General precautions

- Air purifiers with preferably HEPA-13 or 14 filters could be run in the lab between test sessions.
- Ideally, the test leader should stay in an adjacent lab/room during the tests. If the test leader is in the same room, a plexiglass shield should be used as a partition.
- The equipment that is used shall be adapted as much as is possible to the test conditions and Covid-19 safety., i.e. keyboards, computer mice, etc. When using VR/AR glasses, headsets, etc. for respective tests, they are to be cleaned between test sessions with UV-C light and ozone.
- For toilet visits, the test person shall be instructed to use a designated toilet (marked by the test leader). UV-C light and ozone should be used to clean the toilet between test persons. Other staff are to be instructed not to use this toilet during test sessions.



Pictures from experiments



We ran 2 experiments with a total of 42 test persons

Pictures from experiments



Thank you