

Guidance for temperature measurement

The body temperature is part of the vital signs. All participants over 12 years and older, included in the ANTICOV study, will have their temperature measured at the following time points:

D0	D1	D7	D14	D21	Unscheduled
x	x	x	x	x	x

The measurements are due as per appendix 4, table 8, Master protocol version 5.0/09 July 2020.

Procedure for Non-Contact Infrared measured temperature

This method is not invasive and will not be of any discomfort to the participant.

A Non-Contact Infrared Thermometer (NCIT) is used.

The environment may impact the performance of the NCIT, it is recommended to use in a draft-free space and out of direct sun or near radiant heat sources.

Please Note

- Read the leaflet/manual of the thermometer device **first before** use and keep it at hand.
- Check if the calibration is performed by the manufacturer (written in leaflet/manual).
- Perform and document a weekly quality check: compare on one person if all thermometers indicate the same result. If you observe any abnormalities/differences, you must discard the respective device. Do this weekly check for all applicable thermometers used in the study.
- Please note as well that any broken equipment must be documented on the weekly quality check form, this might not be the same day as the day of quality check. If necessary replace the equipment and assign the new equipment with another identifier.

1. Explain to the participant that you will check his/her body temperature in order to verify if the temperature is within the recommended norm or if he/her has fever. Guide the participant through the steps, which will support you in achieving an accurate measurement.
2. Make sure your hands are washed or disinfected and that the temperature device is clean.
3. The temperature can be taken in a sitting or a standing position.
4. The forehead of the participant must be accessible (e.g. clear away hair, hat, other).
5. Ask the participant to keep still during the measurement.
6. **Place NCIT perpendicular to forehead and use at distance identified in manufacturer's instructions.**
7. Read the results and inform the participant.
8. Document the participant's temperature on the source notes and precise site taken from (e.g. temporal/right side). Any abnormal value must be documented and reported to the doctor in charge.
9. If any abnormality is observed while using the temporal temperature technique, then the temperature must be rechecked or the device replaced.
10. Clean the thermometer after use and/or as per manufacturer's instructions.



Reference:

1. ANTICOV_01 COV_Master Protocol_v5.0_09 July 2020
2. Replacement of mercury thermometers and sphygmomanometers in health care. Technical guidance. WHO 2011
https://apps.who.int/iris/bitstream/handle/10665/44592/9789241548182_eng.pdf;jsessionid=7DCBFED1C19D39E8F7595F1BDD95215A?sequence=1
3. Non-Contact Infrared Thermometers (NCIT), FDA April 2020
<https://www.fda.gov/medical-devices/general-hospital-devices-and-supplies/non-contact-infrared-thermometers>