

# GUIDELINES ON USING THE ARANET MEDICAL THERMOMETER



Aranet wireless human body temperature sensor is designed to facilitate accurate temperature monitoring of people in hospitals, nursing homes and any general workplaces. Temperature is one of the first identifiers in detecting a person's illness that is potentially contagious, that helps to inform that the patient should be isolated from others. The wireless nature of the Aranet solution reduces unnecessary contact between people, therefore substantially decreasing the risk of spreading the infection.

The solution consists of two components – the wireless temperature sensors that include a transmitter and the Aranet PRO base station which is the central data collector. The intended use of the system is the following:



- 1 Pair the sensors to the base station (see Aranet User Guide\* page 11) choosing the 1-minute transmission interval.
- 2 Hand out one sensor per person. Make sure to always disinfect the sensors when exchanging them between different people. For safety reasons we recommend that each person is issued their own temperature sensor for prolonged use. If this is not possible, use 70 % ethyl alcohol for disinfection after the use by each person.
- 3 To measure temperature each person should:
  - a. Place the tip of the thermometer in the center of the armpit.
  - b. Hold the arm close against the body so the thermometer stays in place.
  - c. Wait at least 5 minutes for the thermometer to take its reading – it must reach thermal equilibrium with the person. The reading will be automatically transmitted to the base station.
- 4 All the readings from up to 100 sensors will be collected in the Aranet Pro base station. This data can then be easily accessed from any device. Automatic alarms can be configured to be received via e-mail or SMS when the temperature is too high or too low. This allows to save time and focus on those cases that need urgent attention (refer to Aranet User Guide\* page 22 on how to do this).
- 5 Repeat the process several times a day, or as otherwise deemed necessary.

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- ⚠ Attempting to take temperature readings from sites other than the armpit may produce inaccurate results.
  - ⚠ The patient must remain still while the reading is being taken.
  - ⚠ Do not take body temperature readings within 30 minutes of being outdoors, exercising or bathing.

Aranet Medical Thermometer is Class I medical device according to Annex VIII to Regulation (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 on medical devices (MDR).



For more detailed information, contact us at [medical@aranet.com](mailto:medical@aranet.com)

\* Aranet PRO User Guide Europe: <https://bit.ly/2Z04gWn>  
Aranet PRO User Guide North America: <https://bit.ly/2SWDevp>