

TEMP^o TRAQ[®]

Clinical FAQ

Is the temperature reading accurate?

- Highly accurate, the TempTraq patch has been tested to the ASTM E1112-00 standard, which is required for all clinical digital thermometers. When placed correctly with the sensor located high and centered in the axilla, and with the arm relaxed naturally at the side covering the sensor in the axilla, accurate axillary temperatures are obtained.

What precautions should be taken to ensure an accurate temperature measurement?

- To ensure accurate body temperature readings, the arm should be relaxed by the side, enclosing the TempTraq sensor in the axilla. If you are seeing readings that seem lower than expected, check the position of the patch to ensure it is placed correctly. If the patch is positioned incorrectly, i.e. lower on the side, this will result in lower temperatures than expected due to the affects of ambient temperature on the sensor.

How do I ensure TempTraq is in the right place?

- The patch should be placed in the underarm with the corner marked “underarm” high and centered in the axilla. Please refer to the Instructions for Use included with the product for more information on correct placement of the TempTraq patch.

How can I ensure that TempTraq adheres well when applied to a patient?

- Prior to placing the patch, thoroughly clean and dry the underarm area to ensure that the area is free of lotions, deodorants and body oils. Ensure that the area is dry prior to applying the patch.

What can I do if the patch moves after application?

- If the patch moves after application, you can remove the patch, clean the area and re-apply. If the patch is not adhering well, consider using Tegaderm or medical tape to secure the patch and keep it in the correct position.

Can the TempTraq patch be applied over hair in the axilla?

- The patch uses a soft, gentle silicone based adhesive and may be applied over hair in the axilla. If the patient is uncomfortable with the patch applied in this manner, the hair in the axilla may be trimmed prior to application.

Does skin tone impact TempTraq temperature readings?

- Technologies that are impacted by skin tone are generally optical technologies. An example is PPG (Photoplethsmology) that uses an infrared light to measure PulseOx through the skin on your finger. The skin tone in clinical studies is measured using the Fitzpatrick Scale.

TempTraq is measuring temperature in the axilla with a direct thermal contact temperature sensor, just as any digital stick thermometer would measure temperature in the axilla. These devices are not impacted by skin tone as they are electronics based, voltage differential measurements, with no optical components. Thus, there is no impact to TempTraq temperature readings based on skin tone.

Does TempTraq display an axillary temperature measurement?

- TempTraq measures axillary temperature and provides the option to display the axillary temperature or an oral equivalent temperature by adding 0.56°C (1.0°F) to the axillary temperature value. The temperature type displayed – “Axillary” or “Oral Equivalent” – is clearly indicated in all of the patient and clinician applications.

Is TempTraq reusable?

- TempTraq is a single use product. It will monitor temperature for up to 72 hours continuously and is then disposable in normal household waste.

Is there an expiration date?

- The product has a four - year shelf life from the time of production.

Is there a product warranty?

- The product warranty covers TempTraq until the expiration date of the product against defects in materials or workmanship, which includes replacement of defective product without charge.

Are there any age limitations for users of TempTraq?

- TempTraq has been approved for use on all ages.

Is the TempTraq patch waterproof?

- The TempTraq patch has been tested to an IP24 rating for water ingress protection. It is water resistant – not waterproof – and should be removed for a shower or bath and replaced afterwards.

Does the TempTraq patch contain latex?

- The TempTraq patch is not manufactured using latex.

Does the TempTraq patch cause skin irritation?

- The TempTraq patch is constructed using a safe, gentle, silicone-based adhesive. Skin irritation is rare but may occur with some patients. Patients should discontinue use and contact their care provider if they experience any skin irritation as a result of wearing the patch.

How does TempTraq collect and display patient temperature data?

- The TempTraq patch, worn by the patient, transmits temperature data using Bluetooth. The data is collected and sent to the TempTraq Connect HIPAA compliant cloud service via a mobile phone or Bluetooth gateway. In an outpatient setting a mobile phone running the Patient Application – available for iOS or Android – is used to collect the data and send it to TempTraq Connect. The patient may also view their own data using the Patient Application. In an inpatient setting, Bluetooth gateways are used to collect temperature data from the patch and send it to TempTraq Connect.

Clinicians may view patient data using the TempTraq Clinician Application – available for iOS, Android and as a web application – or through their hospital IT system if TempTraq has been integrated with their EHR system.

How close does the smart device running the TempTraq Patient Application need to be to the patch?

- The smart device running the TempTraq Patient Application needs to be within 40 ft. (12 m) of the TempTraq patch to receive the temperature data that is broadcast from the patch using Bluetooth 4.0. This distance may be less if there are objects between the patch and the smart device.

Can the app display temperatures in both Fahrenheit and Celsius?

- Yes, the app can display temperatures in Fahrenheit or Celsius. This can be easily changed in the application settings for both the Patient and Clinician applications.

Do the Bluetooth transmissions from the patch pose health concerns?

- TempTraq has been third-party tested by an FCC-certified lab and operates at a level below most wearable fitness tracking devices.

Is there any Patient Identifiable Information (PII) on the patch?

- There is no patient identifiable information stored on or transmitted from the patch.

Is there any PII in the TempTraq Patient Application?

- The Patient Application displays a Patient ID that is used by the Clinician to identify the patient. This Patient ID is entered by the Clinician.

Is there any PII in the TempTraq Clinician Application?

- The Clinician Application displays a Patient ID and Patient ID2 that are used by the Clinician to identify the patient. These Patient ID's are entered by the Clinician.

Where is the TempTraq patch manufactured?

- TempTraq patches are assembled in the U.S with U.S. and foreign materials.

For additional information contact TempTraq Customer Service at (440) 249-5440.

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