

greenTEG AG launches COREmedical in the U.S. as a clinical thermometer

Patented Swiss sensor technology delivers accurate, continuous, and non-invasive core body temperature monitoring to help fight the COVID-19 pandemic.

RÜMLANG, ZÜRICH, SWITZERLAND, October 14, 2020 /EINPresswire.com/ -- Patented Swiss sensor technology now delivers accurate core body temperature monitoring in a convenient and affordable format. With the Covid-19 pandemic, the development and production of the first CORE devices was fast-tracked. Since the beginning of this pandemic, [greenTEG](#) contributed a significant amount of its resources to fighting the virus. The result is the first highly accurate, continuous, and non-invasive core body temperature monitoring device.



Since October 7th, CORE can also be marketed in the US as a clinical thermometer, called COREmedical. greenTEG has received a waiver status to sell its COREmedical under the Emergency Use Authorization (EUA), a policy that limits pre-market requirements for selected low-risk devices that were developed to aid the global battle against the COVID-19 virus. An important side note is that the COREmedical device is not intended to replace any primary temperature screening processes utilizing FDA approved medical thermometers. However, COREmedical is an ideal supplement to routine medical-grade temperature screenings, such as those conducted prior to admission, or dismissal from any facility, building, or regulated public areas.

With fever being one of the most occurring symptoms, found in up to 80% of the infected patients with Covid-19 (Michelen et al, 2020), monitoring the core body temperature of healthcare workers as well as at-risk social groups and their direct families is essential. So far, core body temperature has been practically impossible to monitor in an affordable, continuous,



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*Holger Hendrichs, VP of sales
at greenTEG AG*

and non-invasive manner. But with this new solution, we can provide statistical and analytical real-time data to support healthcare workers in understanding the physiological symptom of fever, which is often hard to grasp in the earlier stages. As a result, COREmedical can partially relieve the existing strain on the healthcare system and contribute to reducing the number of fatal cases.

The COREmedical thermometer device can be worn with medical-grade adhesive patches or fits onto any heart rate monitoring (HRM) strap or even attached to bras and

allows to accurately monitor core body temperature (within 0.21°C / 0.36°F). As a wearable / reusable device, it connects via ANT+ and BLE with smartwatches (e.g. many Garmin models) or with smartphones (iOS/Android apps for free available) to record and display core body temperature metrics.

Availability of COREmedical

Already working together with research institutes, hospitals, and work-safety companies globally, greenTEG is now further expanding its distributor channels across the entire US territory. The COREmedical is available for pre-order from today and will be released with the full FDA-compliant labeling for US medical customers by 16th of Oct.

For pre-orders and product details, please visit:

<https://www.greenteg.com/core-body-temperature/>

Retail Price is 250 CHF

COREmedical

About greenTEG

greenTEG AG was founded in 2009 as a spin-off of the Swiss Federal Institute of Technology (ETH). The company develops, manufactures, and markets thermal energy sensors and laser power/position measurements and provides consulting on the thermal integration of its products. Using proprietary technology, the Core Body Temperature solution was developed by greenTEG as an affordable, portable and convenient device to accurately measure core body temperature in a non-invasive wearable device.

Sources

(1)Michelen, M., Jones, N., & Stavropoulou, C. (2020, June 03). In patients of COVID-19, what are the symptoms and clinical features of mild and moderate cases? Retrieved from

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