

Using The HESS Thermometer App

Healthcare Education Simulation Station

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PLEASE READ

DISCLAIMER

The information in the HESS is not intended or implied to be a substitute for professional medical expertise, advice, diagnosis or treatment.

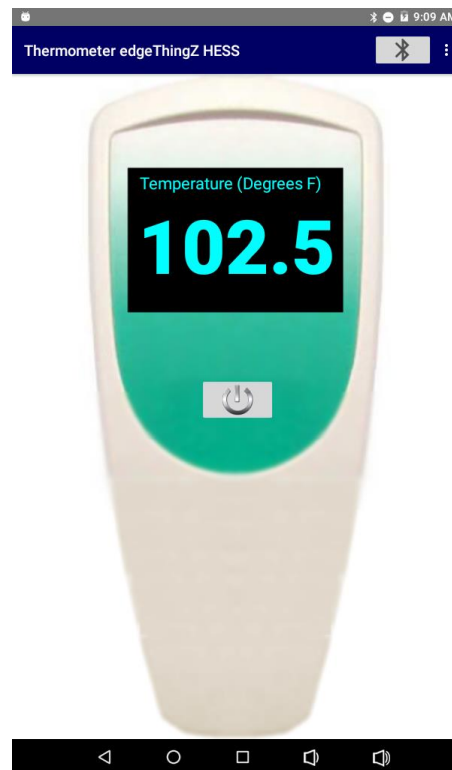
There is no representation and no responsibility for the accuracy of information contained within the HESS.

The HESS is only intended to be used as an instructional aide by qualified medical educational professionals.

About The HESS Thermometer App

The HESS Thermometer App was created to let healthcare professionals conduct learning exercises that involve a hand held Thermometer device in a safe and “low stakes” environment.

The Thermometer App can be used to simulate Body Temperature vitals on both Manikins and Standardized Patients (actors) where a real Thermometer would either display the healthy vitals of the Standardized Patient or read no vitals from an artificial Manikin limb.



Tablets Suitable To Run The HESS Thermometer App

The HESS Thermometer App can run on Android tablets with Version 8 or above of the Android operating system and with a screen size of approximately 7 inches. The 7 inch screen size is a common Android tablet size that can allow the tablet to still be hand held.

Android tablets with screen sizes smaller than 7 inches may not display the Thermometer App screen elements correctly.

The Thermometer App can be run on larger screen sizes if the educational exercise dictates using a larger tablet – such as displaying the Thermometer App screen on a monitor or projector.

HESS Vitals Accepted By The HESS Thermometer App

The HESS Thermometer App will recognize and use the following vitals transmitted from the HESS Instructor tablet.

1. Body Temperature Vitals

The Body Temperature Vital that the Thermometer App recognizes and uses is the Body Temperature (Degrees F or Degrees C).

The choice of Degrees F or Degrees C is set in the HESS Instructor App Settings.

Using The HESS Thermometer App

1. Starting the Thermometer App



The HESS Thermometer App can be started by touching the HESS Thermometer App icon on the Android tablet.

2. Starting the Thermometer Vitals Display



AFTER the Body Temperature Vitals have been transmitted successfully from the HESS Instructor App, the “power” button can be used to display the Thermometer Vitals.

The “power” button must be pressed again to “re-read” the patient Body Temperature in order to see any changes to the Vitals.

HESS Thermometer App Settings

The HESS Thermometer App has the following Settings available via the Android “3 dots menu” in the upper right corner of the Thermometer App screen:

1. Delay Display After Button Press

Sets a delay of between 0-15 seconds after the user presses the power button before displaying the Vitals to simulate the “reading” time of the device.

2. Device Address

The Thermometer App receiving address for the Vitals – which must match the transmission address for the Vitals in the HESS Instructor App. Device Addresses are 4 characters made up of the characters 0-9 and A-F. **DO NOT USE** “0000” or “FFFF” as Device Addresses. “0000” and “FFFF” have special uses within the HESS. Using these special Device Addresses can cause unpredictable results.

HESS Thermometer App Usage Notes

1. Bluetooth Reset Button



If, after numerous attempts, the Thermometer App is still not receiving Vitals transmissions – even though the Instructor transmission and the Device receiving addresses match – the “Bluetooth Reset” button in the upper right corner of the screen can be used to reset the Android tablet’s Bluetooth functions. This often will resolve Bluetooth oriented issues without having to stop or disrupt the app.

2. When Done, “Power Off” Tablets – Don’t Just “Suspend” Them

The Android tablets should be completely “powered off” when stored or the battery will drain to 0% charge. Completely drained batteries can then take 20-30 minutes of charging just to get the tablet to power up for usage. Even if the tablet screen is dark it can be misleading because the tablet may only be “suspended”. Pressing the power button for ½ second will indicate if the tablet is completely powered off – by either “unsuspending” the tablet screen if the tablet is only “suspended” – or remaining dark if the tablet is completely powered off.