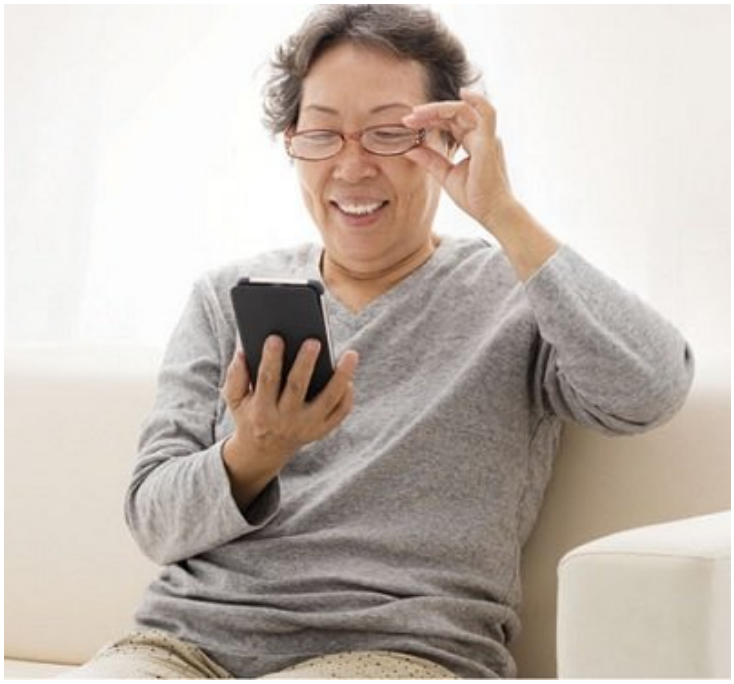
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LMD conducts successfull trial of app-based blood pressure monitors

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The clinical trial was conducted by SVS Medical College in Mahabubnagar



Leman Micro Devices' e-Checkup system has completed a world-first clinical trial and proven it is the only completely cuffless and calibration-free sensor and app capable of measuring blood pressure with the accuracy demanded for medical use.

e-Checkup and its small V-Sensor, which costs only a few dollars, have been developed and industrialised by LMD to be built into a mobile phone or into a wearable or a pocket monitor connected to a phone by Bluetooth and the app on the phone analyses the measurements from the sensor to deliver a clinically-accurate personal blood pressure measurement in under 60 seconds.

The clinical trial was conducted by SVS Medical College in Mahabubnagar. The trial adhered to the internationally recognised ISO 81060-2 standard that sets the requirements for automatic blood pressure monitors used by hospitals, doctors and consumers. It found that e-Checkup fully complied with all the criteria of the standard.

Dr K Saumya, Principal Investigator for the trial, said "This device will be a real life-saver in India. It is small and affordable and will alert people to the need to consult a doctor about their blood pressure before they have symptoms and before it gives rise to awful consequences such as stroke, kidney damage, heart attack or blindness."