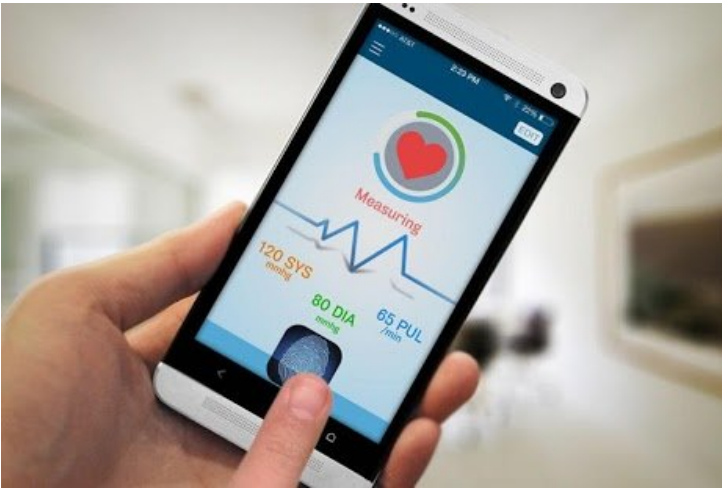


Indian scientists develop app for monitoring blood pressure

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The team feels that this invention can give patients a convenient option.



A team of scientists, few of Indian origin, at Michigan State University in the US has developed a new smartphone app and hardware that could help measure blood pressure more accurately than existing cuff devices.

Users can turn on the app and press their fingertip against the sensor unit. With their finger on the unit, they hold their phone at heart level and watch their smartphone screen to ensure they are applying the correct amount of finger pressure.

The team feels that this invention can give patients a convenient option. Keeping a log of daily measurements would produce an accurate average, discounting an occasional measurement anomaly.

The research team will continue to improve accuracy and hopes to pursue more comprehensive testing based on the standard protocol of the Association for the Advancement of Medical Instrumentation.