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US scientists invent new blood pressure app

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The application still needs to be validated in a standard regulatory test.



A team of scientists at Michigan State University (MSU) has invented a proof-of-concept blood pressure app that can give accurate readings using an iPhone - with no special equipment.

With the combination of a smartphone and add-on optical and force sensors, the team produced a device that rivaled arm-cuff readings, the standard in most medical settings.

According to the lead scientist, Prof Ramakrishna Mukkamala, MSU electrical and computer engineering department, the app could be available in late 2019. The application still needs to be validated in a standard regulatory test.