

Letter to the Editor

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Research Proposal for Medication Adherence Using Smartphone Technology

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The field of medicine has changed dramatically with the advent of Smartphone technology. Patients are able to access their records with a click of the button. Lab results are available online immediately. Technological advances have allowed various gadgets and sensors to track human activity like never before. Epidemiology has advanced to the point where cell phones are used to track disease in remote parts of Sub-Saharan Africa. The one area which has not been studied is the role of the Smartphone in not just tracking disease, but also as an intervention in medication adherence. We are studying specifically the role of the Smartphone in medication adherence with respect to glaucoma. Glaucoma is an insidious disease where patients may not know that they are going blind. It is imperative that they adhere to medication usage by their physician, yet many see the need to. We are looking into using Smartphone technology to increase medication adherence, as well as to track the progression of glaucoma. If you have interest in our research and interested in participating, please contact me at selee@stanford.edu.

Thank you.