

Innovation Corner: University of Alberta based start-up, mmHg Inc.

Written by: mmHg Inc.

Did you Miss the Rapid Fire Innovations session at the Canadian Hypertension Congress? You can catch up in our "Innovation Corner" feature, as we invite our presenters to share their innovations.

mmHg Inc. is a University of Alberta based start-up developing software and hardware innovations to enable best practice in blood pressure measurement. Funded primarily by the National Research Council of Canada and Alberta Innovates, Sphygmo Home, a current blood pressure telemonitoring system, is the first product to be released:

1. The first component of the telemonitoring system is a free smartphone app, available on the Apple App Store and Google Play. Patients download the app and can track their blood pressure through manual entry or via a Bluetooth monitor.
 1. App content has been reviewed and confirmed by Hypertension Canada for alignment to the Hypertension Canada Guidelines. A learn section teaches patients about proper measurement and hypertension management.
 2. Our trademarked 'swipe averaging' function enables rapid and flexible calculation of mean blood pressure. This facilitates proper use of guideline-concordant home blood pressure monitoring, saves provider time, encourages the use of home monitoring, is highly useful for remote care delivery, and reduces or eliminates the need for office blood pressure measurement.
 3. A personalized tracking features allow users to assess their blood pressure response to life events (e.g., salt loading, weight change, exercise, smoking).
2. The app is linked to a health care provider portal that mirrors the swipe averaging function, contains more detailed graphs, and services as a patient tracker. More advanced analytics will be installed later this year.
3. Patients can link to their provider using a specific provider code.

For more information, or if you are a provider and wish to have a code please contact us at info@mmhg.ca.