

# OUT WITH MANUAL, IN WITH AOBP:

## Welch Allyn Automated Blood Pressure Management Solutions



Many factors can influence blood pressure measurement in the office. That's why, in its Canadian Hypertension Education Program (CHEP) recommendations, Hypertension Canada recommends automated office blood pressure (AOBP) measurement for both attended and unattended readings.



### THE PROBLEM WITH MANUAL

- Accuracy can be impacted by many factors ranging from clinician technique to overly rapid cuff deflation.<sup>1</sup>
- Mercury sphygmomanometers are seen as environmental hazards.<sup>2</sup>
- Aneroid devices are less likely to remain calibrated.<sup>1</sup>

Automated blood pressure devices for both in-office (AOBP) and ambulatory (ABPM) measurement help to eliminate these pitfalls and support more accurate hypertension diagnoses.

### AOBP BEST PRACTICES<sup>1</sup>

Hypertension Canada recommends the following standardized measurement techniques for optimal AOBP measurement:

- Patient should be seated in a quiet room.
- With device set to take measurements at one-minute intervals, an initial measurement is taken by a health professional to verify that the device is registering a measurement.
- The patient is left alone after the first measurement and the device automatically takes subsequent readings.

# TAKING THE NEXT STEP

Hypertension Canada also recommends ambulatory blood pressure measurement to confirm the initial diagnosis in any individual suspected of having hypertension.<sup>3</sup>

## PORTFOLIO OF SOLUTIONS That Help You Meet **CHEP Guidelines**

Welch Allyn offers a broad portfolio of automated blood pressure measurement devices that meet CHEP guidelines, designed to help clinicians better diagnose hypertension.

### Meet CHEP AOBP Guidelines



#### Connex<sup>®</sup> Spot Monitor

All-in-one automated vital signs monitor featuring automated blood pressure averaging, capable of taking a full set of patient vitals in under a minute<sup>4</sup>



#### ProBP<sup>™</sup> 2400

Fully automated AOBP recorder featuring a three-reading averaging mode to help confirm or refute abnormal readings

### Meets CHEP ABPM Guidelines



#### ABPM 7100

Ambulatory blood pressure monitor for 24-hour, out-of-office blood pressure measurement

Learn more at [www.welchallyn.ca](http://www.welchallyn.ca).

<sup>1</sup> 2015 Canadian Hypertension Education Program Recommendations. Retrieved February 26, 2015, from <http://guidelines.hypertension.ca/diagnosis-assessment/measuring-blood-pressure/>.

<sup>2</sup> Martin G. Myers, MD, FRCPC, and Marshall Godwin, MD, CCFP. "Review: Automated Office Blood Pressure." Canadian Journal of Cardiology 28 (2012) 341-346.

<sup>3</sup> Twenty-Four-Hour Ambulatory Blood Pressure Monitoring in Hypertension: An Evidenced-Based Analysis. (2012). Ontario Health Technology Assessment Series, 12(15), 1-65. Retrieved July 31, 2015, from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3377518/>

<sup>4</sup> Estimate based on standard acquisition times for Welch Allyn sensors: Approximately 15 seconds for blood pressure, 4 to 7 seconds for temperature, and 8 to 12 seconds for SpO<sub>2</sub>.