

WHEN AVERAGE IS BEST



THE CONTROL OF HYPERTENSION BEGINS WITH
ACCURATE BLOOD PRESSURE MEASUREMENTS



WITH BpTRU 6 MINUTES = 24 HOURS



PROVEN

CLINICALLY PROVEN ACCURACY

- “The group mean of the average of five BpTRU readings [...] was not statistically different from the 24 hour daytime mean on ABPM” §
- “The BpTRU average better predicts ABPM than does the average of the blood pressures recorded on the patient chart from the three most recent visits [...and...] should be an adjunct to ABPM to effectively diagnose and monitor hypertension.” §
- “Averaging all five readings recorded by [the BpTRU] when the patient was alone gave a reduction of -20/-5 mmHg compared with the first automated reading [This] suggests that a major component of the white-coat reaction [...] can be eliminated by [using a BpTRU] with the patient alone and resting quietly for several minutes.” ◇

§ BECKETT L, GODWIN M, BMC CARDIOVASCULAR DISORDERS 2005

◇ MYERS MG, BLOOD PRESSURE MONITORING 2006, 11:59-62

† MCALISTER, F A ET AL, BMJ 2001;322:908-911

‡ GRAVES JW ET AL, JOURNAL OF HUMAN HYPERTENSION 2003, 17 823-827

A DIAGNOSIS OF HYPERTENSION AFFECTS PATIENTS FOR THE REST OF THEIR LIVES

“ The use of a single measurement to define a patient’s blood pressure would over diagnose hypertension in 20% - 30% of the population and miss a third who are truly hypertensive. † ”

“ The BpTRU ... increases the accuracy of BP measurements by reducing the observer errors such as digit bias, zero preference, incorrect deflation rates and failure to perform multiple BP measurements. ‡ ”



RELIABLE

PROVEN RELIABILITY

- Exceeds the Association for the Advancement of Medical Instrumentation (AAMI) standards
- Achieves an A/A grade with the British Hypertension Society
- Recommended by the European and Canadian Hypertension Societies

EASY

... AND ACCURATE!

The BpTRU starts with the touch of a single button. A large, easy to read panel displays patient heart rate (and optionally temperature) in addition to systolic and diastolic blood pressure readings. It's ease of use saves time, as the operator is not required to be present. This allows staff to perform other duties, improving patient flow and clinical management. The BpTRU's patented first reading discard and averaging of 5 readings has been shown to minimize white coat response and provide readings which accurately represent the patient's true BP status.

“Blood pressure measurement is often considered ‘routine’ and is often performed by those with the least training.”

THE ULTIMATE DIAGNOSTIC TOOL FOR MANAGING HYPERTENSION

FEATURES

BpTRU offers a range of models to suit your clinical needs.

All units include three latex-free cuffs (adult small, regular and large). Child and adult extra large available.

BPM-100

Wall mountable
AC power supply

BPM-200

Table-top use
Wall or roll stand mountable
USB port
Rechargeable battery
Universal power supply

BPM-300

Offers the same features as the BPM-200 plus:
Temperature measurement
Choice of an Oral/ Axillary or rectal probe

FOR FURTHER READING, SEE:

- VALIDATION OF A NEW ALGORITHM FOR THE BPM-100 ELECTRONIC BLOOD PRESSURE MONITOR, WRIGHT JM, MATTU GS, BLOOD PRESSURE MONITORING, 2001, 6: 161-165
- BLOOD PRESSURE MEASURING DEVICES - RECOMMENDATIONS OF THE EUROPEAN SOCIETY OF HYPERTENSION O'BRIEN E ET AL, BMJ, 2001, 322: 531-536

CLINICAL SIGNIFICANCE

- Consistently underestimating the diastolic pressure by 5 mmHg could result in two-thirds of patients with hypertension not receiving potentially lifesaving treatments.
- Consistently overestimating diastolic pressure by 5 mmHg could more than double the number of hypertensive patients.
- A diagnosis of hypertension affects patients for the rest of their lives

CHOOSING THE BpTRU OVER ANEROID OR MERCURY DEVICES

- Studies have shown that:
 - Both aneroid and Mercury devices are often significantly out of calibration
 - Many are used in situations without a maintenance or calibration protocol
 - Observer bias remains a general problem
- Mercury is a known environmental risk that is being phased out in most jurisdictions

ACCURACY OF THE BpTRU

	Systolic (mmHg)		Diastolic (mmHg)	
	Mean difference	SD	Mean difference	SD
BpTRU™	-0.16	± 5.13	-1.4	± 4.67
AAMI Standard	± 5	± 8	± 5	± 8

BHS grade A/A (SBP/DBP)
Recommended by the European Society of Hypertension

BENEFITS OF THE BpTRU

- Standardizing BP readings from one operator to the next removes many of the errors associated with manual readings
- Multiple readings with averaging in a cost-effective way
- Allows for "opportunistic screening" due to the minimal staff involvement required
- Optionally measure a subject's temperature at the same time with one device
- Operators do not need to be trained in the manual technique
- Accurate, reliable and reproducible readings
- Accurate and reliable hardware



WARRANTY INFORMATION BpTRU Medical Devices warrants to the original purchaser that the BpTRU will be free from defects in material and workmanship for two years from the date of the original purchase from BpTRU or its authorized resellers. All BpTRU accessories are warranted for a period of one year from the date of the original purchase from BpTRU or its authorized resellers. Some restrictions apply.