

SMART NEWS

Smartsigns® Compacts Achieves BHS A/A Rating

Following the conclusion of a clinical study supervised by Drs Brauner and Anngret, we are extremely pleased to report that the NiBP technology used in the Compact 750 and 1000 series of patient monitors achieves a double A rating according to the British Hypertension Society (BHS) protocol [1].

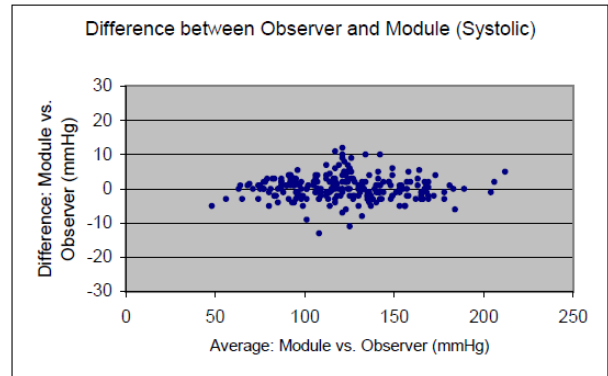
In order to achieve an A rating, at least 60% of the measurements must have a deviation of $\leq 5\text{mmHg}$ with regards to the reference measurement. In fact the results of the study showed that 91% of the systolic measurements and 92.6% of the diastolic measurements satisfied this criterion.

Percentage of difference between observer and instrument reading

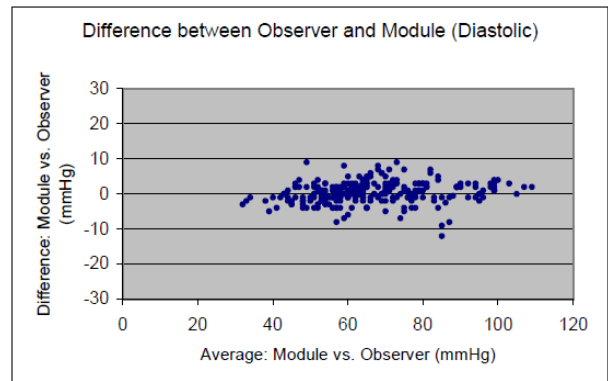
	$\leq 5\text{mmHg}$	$\leq 10\text{mmHg}$	$\leq 15\text{mmHg}$
Systolic	91%	98.4%	100%
Diastolic	92.6%	99.6%	100%

Overall results of the clinical study

	Mean Deviation	Standard Deviation
Systolic	0.39 mmHg	2.57 mmHg
Diastolic	0.43 mmHg	1.73 mmHg



85 Patients, 255 Measurements



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[1] British Hypertension Society Protocol: O'Brien E, Petrie J, Littler W et al (1993) The British Hypertension Society protocol for the evaluation of blood pressure measuring devices. J Hypertension. 11(suppl 2): S43-S62