Reviewer’s report

Title: The BpTRU Automatic Blood Pressure Monitor compared to 24 Hour Ambulatory Blood Pressure Monitoring in the Assessment of Blood Pressure in Patients with Hypertension

Version: 1  Date: 31 January 2005

Reviewer: Thomas Pickering

Reviewer’s report:

General

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

More information about the clinic readings excerpted from the charts is needed.
1. Did these include the patient’s first visit to the clinic? If so, that might be higher than other visit readings.
2. Over what period of time were they included? If patients were seen every few months, there might be a large discrepancy between consecutive readings.
3. Was there any change in treatment during this period?

Who was present during the first BPTru reading, and who connected the patient to the device?

Were there any patients whose clinic BP averaged less than 140/90?

How many patients had ABP below the target levels of 135 and 85 despite high clinic BP?

The results of Tables 3 and 4 should be briefly described in the Results section.

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

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Discretionary Revisions (which the author can choose to ignore)

The correlation between the clinic and ABP readings is rather low; this may have occurred if there was a big gap in time between these measurements or if treatment had been changed.

What next?: Accept after minor essential revisions

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable
**Statistical review:** No

**Declaration of competing interests:**

I declare no conflicting interests.