VALIDATED DEVICES
FOR BLOOD PRESSURE MEASUREMENT IN CHILDREN

List generated from www.stridebp.org on the 12 Oct 2020

Preferred devices: are upper-arm cuff devices with at least one STRIDE BP approved validation study published within the last 10 years. Preferred devices for home use should also allow automated storage of multiple readings, or mobile phone, PC or internet link connectivity enabling data transfer.

Validated devices: have passed established validation procedures that have been checked and approved by the STRIDE BP Scientific Advisory Board.

* Equivalent devices: These devices have not been validated but evidence has been provided and approved by the STRIDE BP Scientific Advisory Board showing that they are equivalent to a device that has fulfilled the criteria for validated devices (see above). These devices have minor model differences which do not affect the blood pressure measurement accuracy, such as memory improvement, provision of bluetooth, PC connection, printer facilities, or additional functions.

Devices for Office / Clinic blood pressure measurement

Preferred devices (10)

- Microlife WatchBP Office
- Microlife WatchBP Office (BP3SK1-3B) *
- Microlife WatchBP Office ABI
- Microlife WatchBP Office AFIB *
- Microlife WatchBP Office Central *
- Omron HBP-1300
- Omron HBP-1320
- Omron M3500
- Raycome RBP-1200
- Welch Allyn ProBP 2000

Validated devices (1)

- BpTRU BPM-100

Devices for Home blood pressure monitoring

Validated devices (3)

- A&D UA-778
- Omron HEM-7080IC *
- Omron 705IT (HEM-759-E)
Devices for Ambulatory blood pressure monitoring

Preferred devices (4)

- A&D  TM-2430
- Custo Med  custo screen pediatric
- Petr Telegin  BPLab
- Tiba Medical  Ambulo 2400