VALIDATED DEVICES
FOR BLOOD PRESSURE MEASUREMENT IN CHILDREN

List generated from www.stridebp.org on the 03 Jun 2022

Preferred devices: are upper-arm cuff devices with at least one STRIDE BP approved validation study, which was published within the last 10 years and used a recent protocol (AAMI/ESH/ISO 2018; ANSI/AAMI/ISO 2013 or 2009; ESH-IP 2010). 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 or Identical devices: Equivalent 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). Identical devices have no difference from a STRIDE BP approved device, apart from model name change.

Devices for Office / Clinic blood pressure measurement

Preferred devices (12)

Microlife WatchBP Office
Microlife WatchBP Office (BP3SK1-3B) *
Microlife WatchBP Office ABI
Microlife WatchBP Office AFIB *
Microlife WatchBP Office Central *
Midmark IQvitals Zone

Omron HBP-1300
Omron HBP-1320
Omron M3500
Raycome RBP-1200
Welch Allyn ProBP 2000
YuWell YE900

Validated devices (1)

BpTRU BPM-100

Devices for Home blood pressure monitoring

Validated devices (3)
Devices for Ambulatory blood pressure monitoring

Preferred devices (1)

Custo Med  custo screen pediatric

Validated devices (3)

A&D  TM-2430  
Petr Telegin  BPLab

Tiba Medical  Ambulo 2400

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