



JOINT INITIATIVE WITH



VALIDATED DEVICES FOR BLOOD PRESSURE MEASUREMENT IN CHILDREN

List generated from www.stridebp.org on the 29 Feb 2024

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

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 Universal Standard (ISO 81060-2:2018); 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.

* **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

Validated upper-arm devices available on the market (6)

A&D UM-212BLE	Raycome RBP-1200
Midmark IQvitals Zone	Welch Allyn ProBP 2000
Omron HBP-1320	YuWell YE900

Validated upper-arm devices not available on the market (3)

BpTRU BPM-100	Omron M3500
Omron HBP-1300	

Devices for Home blood pressure monitoring

Validated upper-arm devices not available on the market (3)

A&D UA-778	Omron HEM-7080IC *
Omron 705IT (HEM-759-E)	

Devices for Ambulatory blood pressure monitoring

Validated upper-arm devices available on the market (2)

Custo Med custo screen pediatric	Tiba Medical Ambulo 2400
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Validated upper-arm devices not available on the market (1)

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JOINT INITIATIVE WITH



A&D TM-2430

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