JOINT INITIATIVE WITH

VALIDATED DEVICES
FOR BLOOD PRESSURE MEASUREMENT IN CHILDREN

List generated from www.stridebp.org on the 12 Nov 2026

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 (12)

- **A&D** UM-212BLE
- **Cas** 9010
- **Colin** BP8800MS
- **Microlife** WatchBP Office (BP3SK1-3B) *
- **Microlife** WatchBP Office ABI
- **Microlife** WatchBP Office AFIB *
- **Midmark** IQvitals Zone
- **Omron** HBP-1120 (HBP-1120-E) *
- **Omron** HBP-1320
- **Raycome** RBP-1200
- **Welch Allyn** ProBP 2000
- **yuwell** YE900

Validated upper-arm devices not available on the market (4)

- **BpTRU** BPM-100
- **Microlife** WatchBP Office
- **Omron** HBP-1300
- **Omron** M3500

Devices for Home blood pressure monitoring

Validated upper-arm devices available on the market (1)

- **yuwell** YE680B

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

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

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Devices for Ambulatory blood pressure monitoring

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

- **BTL** ABPM NG
- **Custo Med** custo screen pediatric
- **Custo Med** screen 300 *
- **Custo Med** screen 310 *
- **Meditech** ABPM-06
- **Tiba Medical** Ambulo 2400

Validated upper-arm devices not available on the market (1)

A&D TM-2430

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