VALIDATED DEVICES
FOR BLOOD PRESSURE MEASUREMENT
IN PREGNANCY / PREECLAMPSIA

List generated from www.stridebp.org on the 17 Jun 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 below). 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 (3)

- Dinamap ProCare 400
- Welch Allyn Vital Signs
- Microlife VSA (BP3GP1-1L) *

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

- Microlife 3AS1-2

Devices for Home blood pressure monitoring

Validated upper-arm devices available on the market (23)

- Andon iHealth Track
- Avita BPM636
- Microlife BP 3BTO-A
- Microlife WatchBP Home
- Microlife WatchBP Home A *
- Microlife WatchBP Home A BT *
- Microlife WatchBP Home S *
- Omron Evol (HEM-7600T-E)
- Omron M3 Comfort (HEM-7155-ALRU) *
- Omron M3 Comfort (HEM-7155-E) *
- Omron M400 Comfort (HEM-7155-D) *
- Omron M400 Intelli IT (HEM-7155T-D) *
- Omron M500 Intelli IT (HEM-7361T-D) *
- Omron M6 Comfort (HEM-7360-E) *
- Omron M7 Intelli IT (HEM-7361T-EBK) *
- Omron M7 Intelli IT (HEM-7361T-ALRU) *
- Omron X3 Comfort (HEM-7155-EO) *
- Omron X4 Smart (HEM-7155T-ESL) *
- Omron X7 Smart (HEM-7361T-ESL) *
- Withings BPM Connect
Validated upper-arm devices not available on the market (9)

- Omron M4 Intelli IT (HEM-7155T-ALRU) *
- Omron M4 Intelli IT(HEM-7155T-EBK) *
- Withings BPM Connect Pro *

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

- Omron BP760N (HEM-7320-Z)
- Omron HEM-9210T
- Omron M3 Comfort (HEM-7134-E)
- Omron M6 Comfort (HEM-7321-E) *
- Omron MIT Elite
- Omron X6 Comfort (HEM-7360-EO) *

Devices for Ambulatory blood pressure monitoring

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

- PAR Medizintechnik & Co. PHYSIO-PORT UP