VALIDATED DEVICES FOR BLOOD PRESSURE MEASUREMENT IN PREGNANCY / PREECLAMPSIA

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 STRIDEBP 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 (2)

Microlife 3AS1-2

Microlife VSA (BP3GP1-1L) *

Validated devices (2)

Dinamap ProCare 400

Welch Allyn Vital Signs

Devices for Home blood pressure monitoring

Preferred devices (22)

Andon iHealth Track

Omron BP760N (HEM-7320-Z)

Omron M500 Intelli IT (HEM-7361T-D) *

Omron Evolv (HEM-7600T-E) *

Omron M6 Comfort (HEM-7321-E) *

Omron M6 Comfort (HEM-7360-E) *
Omron HEM-9210T
Omron M3 Comfort (HEM-7134-E)
Omron M3 Comfort (HEM-7155-ALRU) *
Omron M3 Comfort (HEM-7155-E) *
Omron M4 Intelli IT (HEM-7155T-ALRU) *
Omron M4 Intelli IT (HEM-7155T-EBK) *
Omron M400 Comfort (HEM-7155-D) *
Omron M400 Intelli IT (HEM-7155T-D) *

Omron M7 Intelli IT (HEM-7361T-EBK) *
Omron M7 Intelli IT (HEM-7322T-E) *
Omron M7 Intelli IT (HEM-7361T-ALRU) *
Omron X3 Comfort (HEM-7155-EO) *
Omron X4 Smart (HEM-7155T-ESL) *
Omron X6 Comfort (HEM-7360-EO) *
Omron X7 Smart (HEM-7361T-ESL) *

Omron M3 Comfort (HEM-7155-E) *
Omron X3 Comfort (HEM-7155-EO) *
Omron X4 Smart (HEM-7155T-ESL) *

Validated devices (8)

- Microlife BP 3BTO-A
- Microlife WatchBP Home
- Microlife WatchBP Home A *
- Microlife WatchBP Home A BT *
- Microlife WatchBP Home S *
- Omron M7 (HEM-780-E)
- Omron MIT
- Omron MIT Elite

Devices for Ambulatory blood pressure monitoring

Preferred devices (1)

PAR Medizintechnik & Co.  PHYSIO-PORT UP