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## VALIDATED DEVICES FOR BLOOD PRESSURE MEASUREMENT IN PREGNANCY / PREECLAMPSIA

List generated from [www.stridebp.org](http://www.stridebp.org) on the 21 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 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 (22)

 **Andon iHealth Track**


**Microlife BP 3BTO-A**

**Microlife WatchBP Home**

**Microlife WatchBP Home A \***


**Microlife WatchBP Home A BT \***

**Microlife WatchBP Home S \***

 **Omron Evolv (HEM-7600T-E)**

 **Omron M3 Comfort (HEM-7155-ALRU) \***

 **Omron M3 Comfort(HEM-7155-E) \***

 **Omron M4 Intelli IT (HEM-7155T-ALRU) \***


 **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**

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Omron M4 Intelli IT (HEM-7155T-EBK) \*

Withings BPM Connect Pro \*

### Validated upper-arm devices not available on the market (10)

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Avita BPM636

Omron BP760N (HEM-7320-Z)

Omron HEM-9210T

Omron M3 Comfort (HEM-7134-E)

Omron M6 Comfort (HEM-7321-E) \*

Omron M7 (HEM-780-E)

Omron M7 Intelli IT (HEM-7322T-E) \*

Omron MIT

Omron MIT Elite

Omron X6 Comfort (HEM-7360-EO) \*

## Devices for Ambulatory blood pressure monitoring

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

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