**Supplement Table 1. Different BP measurements**

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|  | **Devices** | **Measurement methods** | **Calculation of mean value** |
| **Clinic BP** | Macrolife BP A200 AFIB,  Microlife AG Swiss Corporation, Espenstrasse 139,  CH-9443 Widnau/Switzerland | 1. Measurement according to 2014 hypertension guideline from JNC 8 2. At least 2 valid BP recordings obtained | The mean of the 2 recorded values of SBP and DBP was used in all analyses. |
| **Ambulatory BP** | Microlife,  BP3MZ1-1,  WHATCH BP O3 | 1. During 6:00 AM to 10:00 PM: every 15 minutes 2. During 10:00 PM to 6:00 AM: every 30 minutes |  |
| Daytime |  | The rest of the day without sleeping | Mean of all BP measurements |
| Nighttime |  | Patients self-recording the time of going to bed and waking up | Mean of all BP measurements |
| **Home BP** | Macrolife BP A200 AFIB, Microlife AG Swiss Corporation, Espenstrasse 139,  CH-9443 Widnau/Switzerland |  |  |
| Daytime |  | 1. Measured for consecutive 7 days. 2. Measured during 6:00 and 9:00 in the morning and before sleeping at night. 3. Three times in the sitting position at a 2-minute interval in the morning and at night. | Mean of all BP measurements |
| Nighttime |  | 1. BP measurements taken at 2:00, 3:00, and 4:00 AM. 2. At least 2 nights within 1 week. | Mean of all BP measurements |

SBP: systolic blood pressure; DBP: diastolic blood pressure; P values were calculated using a paired t test.