**Supplementary file**

**Table S1.** Overview of 24h-ambulatory blood pressure (BP) and night-time-ambulatory BP

|  |  |  |
| --- | --- | --- |
| **Blood pressure** | **Visit 1 + 2** | **Visit 3 + 4** |
| **SBP** **(mean ± SD)** | **DBP****(mean ± SD)** | **SBP** **(mean ± SD)** | **DBP** **(mean ± SD)** |
| **24h-ABP [mm Hg]** | **n = 57** | **n = 57** | **n = 54** | **n = 54** |
| **All patients** | **123.9 ± 18.0** | **73.5 ± 10.5** | **122.4 ± 14.8** | **71.9 ± 7.6** |
| NormotensiveHypertensive without CKDHypertensive with CKDCKD stage 3CKD stage 4CKD stage 5 | 118.8 ± 9.9117.9 ± 16.0132.5 ± 20.9117.5 ± 8.8137.3 ± 3.5138.0 ± 23.7 | 69.7 ± 8.074.5 ± 11.275.3 ± 11.370.7 ± 6.678.0 ± 11.576.8 ± 12.8 | 121.4 ± 13.7116.5 ± 9.2128.5 ± 17.1122.5 ± 13.7137.7 ± 6.0129.1 ± 19.7\* | 70.1 ± 7.273.2 ± 6.972.1 ± 8.572.3 ± 3.476.7 ± 8.070.9 ± 10.2\* |
| **Night-time-ABP [mm Hg]** | **n = 56** | **n = 56** | **n = 50** | **n = 50** |
| **All patients** | **113.4 ± 21.2** | **65.1 ± 11.5** | **114.0 ± 19.1** | **64.6 ± 7.5** |
| NormotensiveHypertensive without CKDHypertensive with CKDCKD stage 3CKD stage 4CKD stage 5 | 108.7 ± 13.9105.7 ± 15.6122.6 ± 25.6103.3 ± 11.6129.3 ± 6.7129.4 ± 28.7 | 60.7 ± 8.065.2 ± 11.367.9 ± 12.960.3 ± 9.270.0 ± 8.070.6 ± 14.3 | 109.2 ± 13.9106.1 ± 12.7123.0 ± 22.4112.6 ± 19.2132.0 ± 8.5124.9 ± 25.2 | 61.8 ± 5.864.8 ± 6.866.2 ± 8.663.6 ± 4.471.0 ± 6.966.1 ± 10.0 |

ABP — ambulatory blood pressure; CKD — chronic kidney disease [CKD stage 3: eGFR (MDRD) 60–30 mL/min/1.73 m2; CKD stage 4: eGFR (MDRD) 30–15 mL/min/1.73 m2; CKD stage 5D: eGFR (MDRD) < 15 mL/min/1.73 m2]; DBP — diastolic blood pressure; eGFR — estimated glomerular filtration rate; MDRD — modified diet renal disease; n, number of patients; SBP, systolic blood pressure; SD, standard deviation

**Table S2.** The proportion of hypertensive patients with controlled and uncontrolled blood pressure (BP) according to 24h-ABPM and night-time ABP

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **BP measurement** | **BP at goal (%)** | **Uncontrolled SBP (%)** | **Uncontrolled DBP (%)** | **Uncontrolled** **SBP and DBP (%)** |
| **Mean 24h-ABP** |  |  |  |  |
| 24h-ABPM 124h-ABPM 2\* | 51.459.5 | 27.021.6 | 0.08.1 | 21.610.8 |
| **Mean night-time-ABP** |  |  |  |  |
| Night-time-ABPM 1Night-time-ABPM 2\* | 51.451.4 | 13.517.1 | 5.45.8 | 29.725.7 |

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ABP — ambulatory blood pressure; BP — blood pressure; DBP — diastolic blood pressure; SBP — systolic blood pressure

**Figure S1.** Mean HADS-anxiety and mean HADS-depression values from the first and second measurement. HADS-A —Hospital Anxiety and Depression Scale — anxiety subscale; HADS-D — Hospital Anxiety and Depression Scale — depression subscale. Each item on the questionnaire is scored from 0–3 and this means that a person can score between 0 and 21 for either anxiety or depression. Bjelland et al. identified a cut-off point of 8/21 for anxiety or depression [25, 26]

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