**Table 2:** 24-hour ambulatory blood pressure monitoring parameters.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Primary HT (n = 40)** | **WCH (n = 40)** | **Control (n = 40)** | **p** |
| 24-h SBP (mm Hg) | 134.0 ± 5.53 | 124.0 ± 6.65 | 104.5 ± 6.22 | pa < 0.001  pb < 0.001 |
| 24-h SBP-SDS | 2.68 ± 0.54 | 1.15 ± 0.42 | -1.1 ± 0.94 | pa < 0.001  pb < 0.001 |
| Day-time SBP (mm Hg) | 136.6 ± 6.54 | 129.0 ± 6.55 | 108.1 ± 5.99 | pa < 0.001  pb < 0.001 |
| Day-time SBP-SDS | 2.2 ± 0.52 | 0.98 ± 0.37 | -1.1 ± 0.90 | pa < 0.001  pb < 0.001 |
| Night-time SBP (mm Hg) | 121.2 ± 6.30 | 114.1 ± 6.12 | 100.2 ± 6.29 | pa < 0.001  pb < 0.001 |
| Night-time SBP-SDS | 2.19 ± 0.80 | 1.14 ± 0.36 | -0.1 ± 0.86 | pa < 0.001  pb < 0.001 |
| 24-h DBP (mm Hg) | 82.5 ± 5.27 | 72.1 ± 3.01 | 63.5 ± 5.58 | pa < 0.001  pb < 0.001 |
| 24-h DBP-SDS | 2.61 ± 0.99 | 0.79 ± 0.50 | -0.67 ± 1.1 | pa < 0.001  pb < 0.001 |
| Day-time DBP (mm Hg) | 84.4 ± 4.78 | 76.8 ± 2.88 | 68.2 ± 5.04 | pa < 0.001  pb < 0.001 |
| Day-time DBP-SDS | 2.07 ± 0.83 | 0.69 ± 0.48 | -0.6 ± 0.79 | pa < 0.001  pb < 0.001 |
| Night-time DBP (mm Hg) | 66.7 ± 6.25 | 58.8 ± 4.97 | 57.5 ± 0.68 | pa < 0.001  pb = 0.423 |
| Night-time DBP-SDS | 1.77 ± 1.0 | 0.57 ± 0.68 | 0.49 ± 0.79 | pa < 0.001  pb = 0.075 |
| 24-h MAP (mm Hg) | 99.7 ± 5.13 | 87.8 ± 3.93 | 77.0 ± 5.05 | pa < 0.001  pb < 0.001 |
| 24-h MAP-SDS | 3.17 ± 1.0 | 0.78 ± 0.52 | -0.74 ± 0.83 | pa < 0.001  pb < 0.001 |
| Day-time MAP (mm Hg) | 100.6 ± 4.92 | 92.1 ± 3.89 | 81.4 ± 4.82 | pa < 0.001  pb < 0.001 |
| Day-time MAP-SDS | 2.2 ± 0.78 | 0.72 ± 0.49 | -0.68 ± 0.69 | pa < 0.001  pb < 0.001 |
| Night-time MAP (mm Hg) | 83.9 ± 5.82 | 76.9 ± 3.77 | 72.7 ± 4.38 | pa < 0.001  pb < 0.001 |
| Night-time MAP-SDS | 1.89 ± 0.67 | 0.71 ± 0.45 | 0.19 ± 0.79 | pa < 0.001  pb = 0.007 |
| 24-h SBP load (%) | 43.7 ± 17.8 | 14.5 ± 5.95 | 8.6 ± 3.86 | pa < 0.001  pb < 0.001 |
| Day-time SBP load (%) | 45.1 ± 21.8 | 13.2 ± 5.46 | 6.7 ± 3.86 | pa < 0.001  pb < 0.001 |
| Night-time SBP load (%) | 61.8 ± 24.0 | 10.2 ± 7.58 | 6.4 ± 4.0 | pa < 0.001  pb = 0.030 |
| 24-h DBP load (%) | 26.2 ± 18.2 | 7.8 ± 4.22 | 4.3 ± 3.86 | pa < 0.001  pb < 0.001 |
| Day-time DBP load (%) | 43.1 ± 17.8 | 8.72 ± 4.69 | 5.61 ± 3.87 | pa < 0.001  pb = 0.012 |
| Night-time DBP load (%) | 39.6 ± 23.0 | 4.15 ± 5.73 | 4.26 ± 4.43 | pa < 0.001  pb = 0.966 |
| Non-dipper (n, %) | 29 (72.5%) | 8 (20%) | 0 | pa < 0.001  pb = 0.010 |

pa: White coat hypertension-primary hypertension group; pb: White coat hypertension-control group.

HT: Hypertension; WCH: White Coat Hypertension; SDS: Standard Deviation Score; SBP: Systolic Blood Pressure; DBP: Diastolic Blood Pressure; MAP: Mean Arterial Pressure,