|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Definition  | Patient with white-coat hypertension (elevated daytime BP is defined as ≥135/85mmHg\*) (n,%) | Patient with masked hypertension (elevated daytime BP is defined as ≥135/85mmHg) (n,%) | Patient with white-coat hypertension (elevated daytime BP is defined as ≥130/80mmHg\*\*) (n,%) | Patient with masked hypertension (elevated daytime BP is defined as ≥130/80mmHg) (n,%) |
| Fixed time wide | 25 (18.1) | 24 (17.4) | 27 (19.6)a | 24 (17.4)a |
| Fixed time narrow | 23 (16.7) | 23 (16.7) | 26 (18.8) | 23 (16.7) |
| Actigraphy | 24 (17.4) | 22 (15.9) | 23 (16.7)a | 19 (13.8)a |
| Diary | 24 (17.6) | 20 (14.7) | 22 (16.2) | 22 (16.2) |

**Supplemental Table 2a. Proportion of patients with white coat and masked hypertension according to different diurnal definitions**

a McNemar-Bowker Test showed that significant difference at p<0.05
\*the cut-off of elevated BP recommended by European Society of Hypertension
\*\* the cut-off of elevated BP recommended by American Heart Association

**Following analyses were conducted using optimal daytime BP cut-off suggested by European Society of Hypertension (elevated daytime BP as ≥135/85mmHg) on ambulatory blood pressure measurements (ABPM) and automated office BP (AOBP)**

**Supplemental Table 2b. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (fixed wide period [FW] and fixed narrow period [FN]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FNFW | white coat | normal | masked | Total |
| white coat | 23 | 2 | 0 | 25 |
| Normal | 0 | 86 | 1 | 87 |
| Masked | 0 | 2 | 20 | 22 |
| Total | 23 | 90 | 21 | 134 |

McNemar-Bowker Test Chi-Square value = 2.333, P value = 0.311

**Supplemental Table 2c. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (fixed wide period [FW] and actigraphy [A]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| AFW | white coat | normal | masked | Total |
| white coat | 24 | 1 | 0 | 25 |
| Normal | 0 | 85 | 2 | 87 |
| Masked | 0 | 4 | 18 | 22 |
| Total | 24 | 90 | 20 | 134 |

McNemar-Bowker Test Chi-Square value = 1.667, P value = 0. 435

Notes: Using Europe guideline (daytime BP of ≥135/85mmHg). FW: fixed time wide; A: actigraphy; ABPM: ambulatory blood pressure monitoring.

**Supplemental Table 2d. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (fixed wide period [FW] and diary [D]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DFW | white coat | normal | masked | Total |
| white coat | 23 | 2 | 0 | 25 |
| Normal | 1 | 83 | 2 | 86 |
| Masked | 0 | 5 | 16 | 21 |
| Total | 24 | 90 | 18 | 132 |

McNemar-Bowker Test Chi-Square value = 1.619, P value = 0.445

**Supplemental Table 2e. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (fixed narrow period [FN] and actigraphy [A]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| AFN | white coat | normal | masked | Total |
| white coat | 22 | 1 | 0 | 23 |
| Normal | 2 | 84 | 4 | 90 |
| Masked | 0 | 5 | 16 | 21 |
| Total | 24 | 90 | 20 | 134 |

McNemar-Bowker Test Chi-Square value = 0.444, P value = 0.801

**Supplemental Table 2f. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (fixed narrow period [FN] and diary [D]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DFN | white coat | normal | Masked | Total |
| white coat | 22 | 1 | 0 | 23 |
| Normal | 2 | 85 | 2 | 89 |
| Masked | 0 | 4 | 16 | 20 |
| Total | 24 | 90 | 18 | 132 |

McNemar-Bowker Test Chi-Square value = 1.000, P value = 0.607

**Supplemental Table 2g. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (actigraphy [A] and diary [D]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DA | white coat | normal | Masked | Total |
| white coat | 22 | 2 | 0 | 24 |
| Normal | 2 | 86 | 0 | 88 |
| Masked | 0 | 2 | 18 | 20 |
| Total | 24 | 90 | 18 | 132 |

McNemar-Bowker Test Chi-Square value = 2.000, P value = 0.368

**Following analyses were conducted using optimal daytime BP cut-off suggested by American Heart Association (elevated daytime BP as ≥130/80mmHg) on ambulatory blood pressure measurements (ABPM) and automated office BP (AOBP)**

**Supplemental Table 2h. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (fixed wide period [FW] and fixed narrow period [FN]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| FNFW | white coat | normal | masked | Total |
| white coat | 25 | 2 | 0 | 0 |
| Normal | 1 | 85 | 1 | 0 |
| Masked | 0 | 2 | 22 | 0 |
| Total | 0 | 0 | 0 | 41 |

McNemar-Bowker Test Chi-Square value = 0.667, P value = 0.717

**Supplemental Table 2i. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (fixed wide period [FW] and actigraphy [A]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| AFW | white coat | normal | Masked | Total |
| white coat | 23 | 4 | 0 | 27 |
| Normal | 0 | 86 | 1 | 87 |
| Masked | 0 | 6 | 18 | 24 |
| Total | 23 | 96 | 19 | 138 |

McNemar-Bowker Test Chi-Square value = 7.571, P value = 0.023

**Supplemental Table 2j. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (fixed wide period [FW] and diary [D]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DFW | white coat | normal | masked | Total |
| white coat | 22 | 5 | 0 | 27 |
| Normal | 0 | 85 | 1 | 86 |
| Masked | 0 | 2 | 21 | 23 |
| Total | 22 | 92 | 22 | 136 |

McNemar-Bowker Test Chi-Square value = 5.333, P value = 0.069

**Supplemental Table 2k. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (fixed narrow period [FN] and actigraphy [A]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| AFN | white coat | normal | Masked | Total |
| white coat | 21 | 5 | 0 | 26 |
| Normal | 2 | 85 | 2 | 89 |
| Masked | 0 | 6 | 17 | 23 |
| Total | 23 | 96 | 19 | 138 |

McNemar-Bowker Test Chi-Square value = 3.286, P value = 0.193

**Supplemental Table 2l. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (fixed narrow period [FN] and diary [D]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DFN | white coat | normal | masked | Total |
| white coat | 22 | 4 | 0 | 26 |
| Normal | 0 | 85 | 3 | 88 |
| Masked | 0 | 3 | 19 | 22 |
| Total | 22 | 92 | 22 | 136 |

McNemar-Bowker Test Chi-Square value = 4.000, P value = 0.135

**Supplemental Table 2m. The number of patients with white coat and masked hypertension by different ABPM diurnal definitions (actigraphy [A] and diary [D]).**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DA | white coat | normal | masked | Total |
| white coat | 21 | 2 | 0 | 23 |
| Normal | 1 | 90 | 3 | 94 |
| Masked | 0 | 0 | 19 | 19 |
| Total | 22 | 92 | 22 | 136 |

McNemar-Bowker Test Chi-Square value = 3.333, P value = 0.189