**ONLINE SUPPLEMENT**

**Title**

Hyperuricemia and Uncontrolled Hypertension in Treated Hypertensive Patients: Kanarb-Metabolic Syndrome (K-MetS) Study

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Supplementary Table 1. Comparisons of baseline characteristics between included and excluded participants

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| **Table S1. Comparisons of baseline characteristics between included and excluded participants** |
|  |  | **Study participants completing three months follow-up (N = 7,725)** |
| **Variables** |  | **Included****(N = 6,506)** | **Excluded** **(N = 1,219)** | **p\*** |
| Hyperuricemia, N (%) |  | 1,005 | (15.45) | 109  | (16.05) | 0.719 |
|  | Missing |  |  | 540 |  |  |
| Age (years), mean (SD) |  | 56.1  | (10.5) | 56.6  | (11.2) | 0.169 |
| Sex, N (%) | Male | 3,374 | (51.86) | 629  | (51.60) | 0.892 |
|  | Female | 3,132 | (48.14) | 590  | (48.40) |  |
| Body mass index (kg/m2), N (%) | Low (<18.5) | 40 | (0.61) | 14  | (1.15) | 0.024 |
|  | Normal (18.5−24.9) | 3,181 | (48.89) | 626  | (51.44) |  |
|  | Obese (≥25) | 3,285 | (50.49) | 577  | (47.41) |  |
|  | Missing  |  |  | 2 |  |  |
| High waist circumference, N (%) |  | 3,550 | (54.57) | 543  | (45.98) | <0.001 |
|  | Missing  |  |  | 38 |  |  |
| Cigarette smoking, N (%) | Non-smoker | 4,503  | (69.21) | 547  | (67.78) | 0.311 |
|  | Current smoker | 1,214  | (18.66) | 147  | (18.22) |  |
|  | Former smoker | 789  | (12.13) | 113  | (14.00) |  |
|  | Missing  |  |  | 412 |  |  |
| Alcohol consumption, N (%) | Non-drinker | 3,407  | (52.37) | 412  | (52.96) | 0.785 |
|  | Drinker | 3,099  | (47.63) | 366  | (47.04) |  |
|  | Missing  |  |  | 441 |  |  |
| Cardiovascular disease, N (%) |  | 352  | (5.41) | 69  | (5.66) | 0.776 |
| Diabetes, N (%) |  | 1,094  | (16.82) | 155  | (12.72) | <0.001 |
| Dyslipidemia, N (%) |  | 3,530  | (54.26) | 400  | (55.48) | 0.559 |
|  | Missing  |  |  | 498 |  |  |
| Impaired renal function, N (%) |  | 129  | (1.98) | 6  | (0.88) | 0.063 |
|  | Missing |  |  | 540 |  |  |
| r-GTP (mg/dL), median (IQR) |  | 29.0  | (34.0) | 28.0  | (36.0) | 0.843 |
|  | Missing, N (%) |  |  | 540 |  |  |
| BP stages at baseline, N (%) | Optimal | 355  | (5.46) | 48  | (3.94) | <0.001 |
|  | Normal | 708  | (10.88) | 91  | (7.47) |  |
|  | High-normal | 1,074  | (16.51) | 172  | (14.11) |  |
|  | High | 4,369  | (67.15) | 908  | (74.49) |  |
| Medication compliance, N (%) | 100% | 3,922  | (60.28) | 642  | (59.17) | 0.116 |
|  | 90-99% | 2,085  | (32.05) | 368  | (33.92) |  |
|  | 80-89% | 287  | (4.41) | 54  | (4.98) |  |
|  | <80% | 194  | (2.98) | 20  | (1.84) |  |
|  | 0% | 18  | (0.28) | 1  | (0.09) |  |
|  | Missing |  |  | 134 |  |  |
| BP: blood pressure, SD: standard deviation, r-GTP: gamma-glutamyltranspeptidase, IQR: interquartile range\* Significant differences between included and excluded participants |