

SUPPLEMENTAL MATERIAL

Table S1. Number of anti-hypertensive medications by MESA Exam visit and *APOL1* risk status.

| Number of anti-hypertensive medications | All | <i>APOL1</i> high-risk | <i>APOL1</i> low-risk |
|---|-------------|------------------------|-----------------------|
| Exam 1 | | | |
| Mean (SD) | 0.82 (1.01) | 0.95 (1.09) | 0.80 (0.99) |
| 0 | 817 (50%) | 86 (45%) | 731 (51%) |
| 1 | 421 (26%) | 53 (28%) | 368 (26%) |
| 2 | 262 (16%) | 31 (16%) | 231 (16%) |
| ≥ 3 | 119 (7%) | 20 (11%) | 99 (7%) |
| Exam 2 | | | |
| Mean (SD) | 0.91 (1.08) | 1.03 (1.15) | 0.90 (1.07) |
| 0 | 743 (47%) | 78 (42%) | 665 (48%) |
| 1 | 415 (26%) | 52 (28%) | 363 (26%) |
| 2 | 267 (17%) | 34 (18%) | 233 (17%) |
| ≥ 3 | 147 (9%) | 20 (11%) | 127 (9%) |
| Exam 3 | | | |
| Mean (SD) | 1.05 (1.10) | 1.30 (1.19) | 1.02 (1.09) |
| 0 | 583 (40%) | 57 (34%) | 526 (41%) |
| 1 | 428 (29%) | 40 (24%) | 388 (30%) |
| 2 | 291 (20%) | 46 (27%) | 245 (19%) |
| ≥ 3 | 161 (11%) | 27 (16%) | 134 (10%) |
| Exam 4 | | | |
| Mean (SD) | 1.08 (1.14) | 1.16 (1.13) | 1.06 (1.15) |
| 0 | 586 (40%) | 61 (36%) | 525 (41%) |
| 1 | 418 (29%) | 47 (28%) | 371 (29%) |
| 2 | 279 (19%) | 41 (24%) | 238 (18%) |
| ≥ 3 | 178 (12%) | 21 (12%) | 157 (12%) |
| Exam 5 | | | |
| Mean (SD) | 1.24 (1.15) | 1.36 (1.16) | 1.22 (1.15) |
| 0 | 374 (32%) | 43 (30%) | 331 (33%) |
| 1 | 362 (31%) | 39 (27%) | 323 (32%) |
| 2 | 252 (22%) | 36 (25%) | 216 (21%) |
| ≥ 3 | 172 (15%) | 27 (19%) | 145 (14%) |

SD=standard deviation.

Figure S1. Flowchart of study population.

