**eTable 1.** Baseline characteristics of study participants for incident low eGFR according to quartile of baseline serum GGT

| | Total | Quartile of serum GGT, IU/L | | | |
| | | Quartile 1, 5–25 | Quartile 2, 26–39 | Quartile 3, 40–70 | Quartile 4, 71–1,530 |
|---|---|---|---|---|---|
| Number | 9,299 | 2,498 | 2,205 | 2,276 | 2,320 |
| Age, years | 48.2 (4.2) | 48.3 (4.2) | 48.3 (4.2) | 48.2 (4.2) | 48.0 (4.1) |
| Body mass index, kg/m$^2$ | 23.2 (2.8) | 22.2 (2.6) | 23.2 (2.8) | 23.7 (2.8) | 23.9 (3.0) |
| Systolic blood pressure, mm Hg | 127.6 (17.7) | 122.6 (16.4) | 125.9 (17.0) | 129.3 (17.2) | 133.0 (18.3) |
| Diastolic blood pressure, mm Hg | 79.7 (11.8) | 76.5 (11.2) | 78.4 (11.4) | 80.8 (11.6) | 83.2 (11.9) |
| Hypertension,[a] % | 28.2 | 18.5 | 24.4 | 31.2 | 39.2 |
| AST, IU/L | 22 (19–28) | 19 (17–22) | 21 (18–24) | 24 (20–28) | 28 (23–36) |
| ALT, IU/L | 23 (17–34) | 17 (14–23) | 21 (16–28) | 26 (19–36) | 34 (25–48) |
| Total cholesterol, mg/dL | 204.6 (33.2) | 198.3 (31.1) | 204.1 (31.9) | 206.5 (32.5) | 209.9 (35.9) |
| Triglycerides, mg/dL | 139.7 (111.9) | 105.4 (73.1) | 126.4 (86.3) | 142.9 (102.8) | 186.2 (152.8) |
| High-density lipoprotein cholesterol, mg/dL | 56.5 (14.8) | 56.0 (14.1) | 55.8 (14.8) | 56.1 (14.9) | 58.2 (15.5) |
| Low-density lipoprotein cholesterol,[b] mg/dL | 121.5 (31.0) | 121.6 (28.9) | 123.6 (30.0) | 122.7 (30.9) | 118.2 (34.2) |
| Dyslipidemia,[b, c] % | 50.4 | 39.7 | 48.1 | 52.9 | 61.8 |
| Fasting plasma glucose, mg/dL | 97.2 (9.2) | 95.1 (8.8) | 96.8 (8.8) | 98.1 (9.2) | 98.9 (9.6) |
| eGFR, mL/min/1.73 m$^2$ | 84.8 (14.1) | 84.8 (14.4) | 84.1 (13.9) | 84.2 (13.8) | 86.2 (14.1) |
| Daily alcohol consumption,[d] g ethanol/day | 23.0 (3.3–46.0) | 8.2 (0–23.0) | 16.4 (3.3–32.9) | 23.0 (14.8–46.0) | 41.1 (23.0–46.0) |
| Drinking habit, % | 85.1 | 72.1 | 83.4 | 90.1 | 95.7 |
| Smoking habit | | | | | |
|   Non-smokers, % | 21.1 | 24.0 | 22.1 | 21.0 | 17.2 |
|   Past smokers, % | 21.6 | 21.5 | 20.0 | 24.2 | 20.6 |

| | | | | | |
|---|---|---|---|---|---|
| Current smokers, % | 57.3 | 54.5 | 57.9 | 54.8 | 62.2 |
| Regular leisure-time physical activity, % | 17.9 | 19.4 | 18.6 | 18.2 | 15.4 |

ALT, alanine aminotransferase; AST, aspartate aminotransferase; eGFR, estimated glomerular filtration rate; GGT, gamma-glutamyltransferase.

Note: Values are the mean (SD), the median (interquartile range) or the number (%).

[a]Hypertension: Systolic blood pressure ≥140 mm Hg or diastolic blood pressure ≥90 mm Hg.

[b]Low-density lipoprotein cholesterol levels were calculated by the Friedewald formula for subjects with triglyceride levels <400 mg/dL. We excluded 230 subjects with triglyceride levels ≥400 mg/dL.

[c]Dyslipidemia was defined as triglycerides ≥150 mg/dL, high-density lipoprotein cholesterol <40 mg/dL, low-density lipoprotein cholesterol ≥140 mg/dL, or use of oral lipid-lowering medications.

[d]Daily alcohol consumption: (the amount consumed per drinking day) × (the drinking frequency per week)/7.