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| **Supplemental Table 1. Patient characteristics between the age ≥ 65 years old group with and without ASCVD.**  |
|  | **ASCVD** |  |
|  | **No** | **Yes** |  |
| **Variables** | **(n = 209)** | **(n = 196)** | **p-value** |
| **Male sex**  | 55 (26.3) | 75 (38.3) | 0.007\*  |
| **Age (years)** | 78.1 (8.3) | 78.6 (7.9) | 0.555  |
| **BMI (Kg/m2)**  | 26.3 (6.4) | 26.1 (5.9) | 0.686  |
| **History of disease** |  |  |  |
| Atrial fibrillation | 66 (31.6) | 99 (50.5) | <0.001\*  |
| Diabetes mellitus | 62 (29.7) | 77 (39.3) | 0.047  |
| Hypertension | 154 (73.68) | 176 (89.8) | <0.001\*  |
| Dyslipidemia | 144 (68.9) | 176 (89.8) | <0.001\*  |
| CAD | 0 (0) | 157 (80.1) | <0.001\*  |
| PAOD | 0 (0) | 81 (41.33) | <0.001\*  |
| Stroke | 0 (0) | 5 (2.55) | 0.026\*  |
| **Serum examination** |  |  |  |
| Creatinine(mg/dL) | 1.2 (0.9) | 1.7 (0.7) | 0.001\*  |
| Chloride(mEq/L) | 102.4 (6.4) | 101.6 (6.5) | 0.222  |
| Potassium(mEq/L) | 4.1 (0.9) | 4.4 (0.9) | 0.019\*  |
| Hemoglobin(gm/dl) | 11.8 (2.4) | 11.4 (2.3) | 0.071  |
| Platelet(k/uL) | 248.8 (122.4) | 247.2 (107.5) | 0.893  |
| WBC(K/uL) | 11.8 (6.2) | 11.9 (5.8) | 0.965  |
| RBC(m/uL) | 4.0 (0.8) | 3.8 (0.7) | 0.103  |
| AST(IU/L) | 46.8 (91.4) | 82.4 (306.6) | 0.458  |
| **Length of hospital stay (days)** | 10.13 (13.17) | 11.38 (10.54) | 0.297  |
| **In-hospital mortality** | 20 (9.57) | 38 (19.39) | 0.007\*  |
| **Total mortality** | 79 (37.8) | 111 (56.63) | <0.001\*  |
| **Followed up (days)** | 723.44 (982.87) | 516.39 (812.23) | 0.021\*  |

Data are presented as median (range) or count (percentage).

BMI, body mass index; ASCVD, atherosclerotic cardiovascular disease; CAD, coronary arterial disease; POAD, peripheral arterial occlusive disease; WBC, white blood cell; RBC, red blood cell; AST, aspartate aminotransferase. \*p < 0.05.

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| **Supplemental Table 2. Patient characteristics between the age ≥ 65 years old group with and without atrial fibrillation.**　 |
|  | **Atrial fibrillation** |
|  | **No** | **Yes** |  |
| **Variables** | **(n = 240)** | **(n = 165)** | **p-value** |
| Gender(Male)  | 63 (26.3) | 67 (40.6) | 0.002\* |
| Age(years) | 77.4 (7.9) | 79.7 (8.3) | 0.004\*  |
| BMI(Kg/m2)  | 25.8 (6.1) | 26.8 (6.2) | 0.097  |
| **History of disease** |  |  |  |
| Diabetes mellitus | 79 (32.9) | 60 (36.4) | 0.523  |
| Hypertension | 195 (81.3) | 135 (81.8) | 1.000  |
| Dyslipidemia | 183 (76.3) | 137 (83.0) | 0.108  |
| CAD | 74 (30.8) | 83 (50.3) | <0.001\*  |
| PAOD | 43 (17.9) | 38 (23.0) | 0.209  |
| Stroke | 3 (1.3) | 2 (1.2) | 1.000  |
| **Serum examination** |  |  |  |
| Creatinine(mg/dL) | 1.3 (1.2) | 1.6 (1.6) | 0.023\*  |
| Chloride(mEq/L) | 102.5 (6.1) | 101.4 (6.9) | 0.082  |
| Potassium(mEq/L) | 4.2 (0.8) | 4.3 (1.0) | 0.156  |
| Hemoglobin(gm/dl) | 11.9 (2.3) | 11.3 (2.3) | 0.008\*  |
| Platelet(k/uL) | 254.7 (121.1) | 238.3 (105.9) | 0.160  |
| WBC(K/uL) | 11.5 (6.0) | 12.3 (6.0) | 0.201  |
| RBC(m/uL) | 4.0 (0.8) | 3.8 (0.7) | 0.007\*  |
| AST(IU/L) | 53.1 (116.1) | 79.8 (321.1) | 0.098  |
| Length of hospital stay (days) | 8.7 (8.0) | 13.7 (15.7) | <0.001\*  |
| In-hospital mortality | 19 (7.9) | 39 (23.6) | <0.001\*  |
| Total mortality | 85 (35.4) | 105 (63.6) | <0.001\*  |
| Followed up (days) | 681.0 (945.0) | 539.2 (850.2) | 0.116  |

Data are presented as median (range) or count (percentage).

BMI, body mass index; ASCVD, atherosclerotic cardiovascular disease; CAD, coronary arterial disease; POAD, peripheral arterial occlusive disease; WBC, white blood cell; RBC, red blood cell; AST, aspartate aminotransferase. \*p < 0.05.