**Table 1 Routine physical examination and serum biomarkers of subjects in three subgroups**

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| **Indicators** | **G1 (n=30)** | **G2 (n=32)** | **G3 (n=20)** | ***p* value** |
| **FVC (%)\*** | 88.50 (79.50 ~ 93.00) | 84.00 (77.75 ~ 91.25) | 83.50 (78.25 ~ 90.00) | 0.192 |
| **FEV1.0(%)†** | 85.30 ± 12.42 | 83.40 ± 8.74 | 83.80 ± 8.63 | 0.641 |
| **PEF (%)†** | 61.23 ± 15.09 | 63.00 ± 19.27 | 62.55 ± 14.19 | 0.917 |
| **FEV1.0/FVC (%)†** | 98.70 ± 10.96 | 102.00 ± 9.37 | 102.20 ± 9.57 | 0.242 |
| **MMEF (%)†** | 72.70 ± 19.89 | 72.66 ± 16.61 | 74.10 ± 16.35 | 0.592 |
| **MEF75% (%)†** | 64.87 ± 20.14 | 68.83 ± 20.64 | 66.80 ± 18.34 | 0.670 |
| **MEF50% (%)†** | 77.00 ± 21.13 | 78.21 ± 20.58 | 76.40 ± 16.91 | 0.795 |
| **MEF25% (%)\*** | 79.00 (55.00 ~ 101.00) | 75.00 (56.00 ~ 99.00) | 72.50 (55.00 ~ 105.00) | 0.665 |
| **SBP (mmHg)†** | 120.87 ± 14.79 | 129.17 ± 19.37 | 129.63 ± 14.92 | 0.763 |
| **DBP (mmHg)†** | 79.87 ± 11.32 | 85.50 ± 11.23 | 84.11 ± 11.74 | 0.746 |
| **Heart rate (bpm)†** | 86.00 ± 14.35 | 79.77 ± 10.70 | 77.26 ± 7.40 | 0.123 |
| **LDH (U/L)†** | 191.90 ± 37.71 | 191.25 ± 35.80 | 191.05 ± 23.80 | 0.899 |
| **GOT (U/L)\*** | 38.00 (24.50 ~ 62.50) | 37.00 (27.00 ~ 62.25) | 37.50 (29.25 ~ 53.50) | 0.826 |
| **CREA (μmol/L)†** | 56.07 ± 7.69 | 57.06 ± 8.41 | 59.95 ± 10.06 | 0.139 |
| **LDL (mmol/L)\*** | 3.40 (2.91 ~ 5.43) | 3.56 (2.72 ~ 4.27) | 4.53 (3.05 ~ 5.72) | 0.981 |
| **TG (mmol/L)\*** | 1.17 (0.95 ~ 2.44) | 1.13 (0.86 ~ 2.02) | 1.25 (0.79 ~ 2.20) | 0.380 |
| **TC (mmol/L)†** | 5.38 ± 1.17 | 5.37 ± 0.88 | 5.55 ± 1.01 | 0.649 |
| **sRAGE (ng/ml)\*** | 0.99 (0.80 ~ 1.23) | 0.83 (0.71 ~ 1.02) | 0.82 (0.71 ~ 0.93) | 0.074 |
| **SP-A (ng/ml)\*** | 46.60 (32.51 ~ 57.87) | 44.12 (34.16 ~ 53.60) | 41.09 (30.84 ~ 51.05) | 0.320 |
| **CC16 (ng/ml)\*** | 9.50 (5.98 ~ 14.14) | 8.16 (6.94 ~ 12.62) | 10.13 (5.71 ~ 12.19) | 0.585 |
| **IL-8 (pg/ml)\*** | 637.48 (273.08 ~ 1165.33) | 438.63 (194.39 ~ 1007.33) | 355.69 (231.94 ~ 1112.33) | 0.558 |
| **IL-1β (pg/ml)\*** | 0.35 (0.00 ~ 3.03) | 0.06 (0.00 ~ 1.30) | 0.00 (0.00 ~ 1.45) | 0.182 |
| **IL-6 (pg/ml)\*** | 58.02 (15.84 ~ 106.51) | 39.19 (10.79 ~ 91.45) | 22.97 (12.46 ~ 144.37) | 0.431 |
| **IL-10 (pg/ml)\*** | 0.05 (0.00 ~ 0.27) | 0.04 (0.00 ~ 0.37) | 0.00 (0.00 ~ 0.00) | 0.749 |
| **TNF-α (pg/ml)\*** | 7.16 (3.18 ~ 21.58) | 4.28 (1.75 ~ 14.14) | 5.86 (1.93 ~ 11.47) | 0.827 |
| **IL-12p70 (pg/ml)\*** | 0.00 (0.00 ~ 0.00) | 0.00 (0.00 ~ 0.00) | 0.00 (0.00 ~ 0.00) | 0.806 |
| **hs-CRP (ng/ml)\*** | 676.12 (203.67 ~ 1658.67) | 730.85 (231.62 ~ 1802.09) | 996.61 (315.72 ~ 1385.09) | 0.571 |
| **SAA (μg/ml)\*** | 10.51 (6.03 ~ 33.37) | 13.83 (6.88 ~ 30.11) | 8.99 (2.87 ~ 19.65) | 0.389 |
| **MDA (nmol/ml)†** | 4.32 ± 0.76 | 4.37 ± 0.83 | 4.67 ± 1.17 | 0.978 |
| **SOD (U/ml)\*** | 75.68 (73.44 ~ 80.31) | 75.05 (71.35 ~ 79.68) | 73.91 (71.67 ~ 78.23) | 0.220 |
| **ET-1 (pg/ml)\***  | 1.77 (1.43 ~ 2.11) | 1.65 (1.39 ~ 2.16) | 1.69 (1.50 ~ 2.19) | 0.700 |
| **E selectin (ng/ml)\*** | 55.55 (36.24 ~ 71.90) | 45.19 (33.49 ~ 63.99) | 50.90 (33.53 ~ 66.48) | 0.123 |
| **VCAM-1 (ng/ml)\*** | 1466.45 (1131.12 ~ 1806.68) | 1306.30 (1037.48 ~ 1470.91) | 1469.45 (1234.19 ~ 1619.08) | 0.973 |
| **ICAM-1 (pg/ml)†** | 631.99 ± 288.14 | 660.41 ± 228.75 | 568.41 ± 252.81 | 0.438 |

**\*** Data represent P50 (P25 ~ P75).

**†** Data were expressed as mean ± SD.

Multiple linear regression analysis were used to compare values between subgroups after adjusting for age, gender, BMI, smoking and drinking status.