**Supplemental Material 2. General characteristics of the study population assessed using multiple methods (n=320)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | | **NAFLD assessed by US** | **NAFLD assessed by MRI** | **NAFLD assessed by CNS** |
| 183 (57.2) | 125 (39.1) | 225 (70.3) |
| **ASM/ht²** | |  |  |  |
|  | Normal | 126 (68.9) | 89 (71.2) | 148 (65.8) |
|  | Low muscle mass | 56 (30.6) | 36 (28.8) | 77 (34.2) |
| **ASM/BMI** | |  |  |  |
|  | Normal | 76 (41.5) | 51 (40.8) | 87 (38.7) |
|  | Low muscle mass | 106 (57.9) | 74 (59.2) | 138 (61.3) |
| **ASM/Wt (%)** | |  |  |  |
|  | Normal | 35 (19.1) | 25 (20.0) | 43 (19.1) |
|  | Low muscle mass | 147 (80.3) | 100 (80.0) | 182 (80.9) |
| **ASM(kg), mean±SE** | | 16.13 ± 3.92 | 16.15 ± 3.91 | 16.05 ± 3.85 |
| **Fibrosis (kPa)** | | 2.34 ± 0.59 | 2.38 ± 0.61 | 2.33 ± 0.58 |
|  |  |  |  |  |
| **Age (years), mean±SE** | | 65.70 ± 7.58 | 65.46 ± 6.98 | 66.40 ± 7.39 |
| **Sex** | |  |  |  |
|  | Male | 68 (37.2) | 47 (37.6) | 89 (39.6) |
|  | Female | 115 (62.8) | 78 (62.4) | 136 (60.4) |
| **BMI (kg/m²), mean±SE** | | 26.90 ± 2.96 | 27.03 ± 2.88 | 26.65 ± 2.90 |
| **Education** | |  |  |  |
|  | ≤ Elementary school | 63 (34.4) | 48 (38.4) | 84 (37.3) |
|  | Middle school | 24 (13.1) | 16 (12.8) | 30 (13.3) |
|  | High school | 52 (28.4) | 31 (24.8) | 59 (26.2) |
|  | College | 44 (24.0) | 30 (24.0) | 52 (23.1) |
| **Regular exercise** | |  |  |  |
|  | Yes | 111 (60.7) | 74 (59.2) | 183 (81.3) |
|  | No | 72 (39.3) | 51 (40.8) | 97 (43.1) |
| **Smoking** | |  |  |  |
|  | Ever | 18 (9.8) | 11 (8.8) | 20 (8.9) |
|  | Never | 165 (90.2) | 114 (91.2) | 205 (91.1) |
| **Drinking** | |  |  |  |
|  | Yes | 71 (38.8) | 46 (36.8) | 89 (39.6) |
|  | No | 112 (61.2) | 79 (63.2) | 136 (60.4) |
| **Hypertension** | |  |  |  |
|  | Yes | 130 (71.0) | 92 (73.6) | 163 (72.4) |
|  | No | 53 (29.0) | 33 (26.4) | 62 (27.6) |
| **Diabetes** | |  |  |  |
|  | Yes | 55 (30.1) | 38 (30.4) | 70 (31.1) |
|  | No | 128 (69.9) | 87 (69.6) | 155 (68.9) |
| **Dyslipidemia** | |  |  |  |
|  | Yes | 137 (74.9) | 90 (72.0) | 163 (72.4) |
|  | No | 46 (25.1) | 35 (28.0) | 62 (27.6) |

NAFLD, nonalcoholic fatty liver disease; US, ultrasonography; MRI, magnetic resonance imaging; CNS, comprehensive NAFLD score; ASM, appendicular skeletal muscle mass; ht, height; Wt, weight; BMI, body mass index; SE, standard error.