**Table 1:** Patients classification bases on their conditions.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **OND** | **CCVD** | **AS** |
| **Number of patients** | 111 | 290 | 552 |
| **Age** | 49.2 sd 15.4 | 77.3 sd 8.7 | 78.6 sd 11.5 |
| **Males** | 63 (56.8%) | 165 (56.9%) | 265 (48%) |
| **Females** | 48 (43.2%) | 125 (43.1%) | 287 (52%) |
| **Male age** | 51.1 sd 15.5 | 77.3 sd 8.7 | 75.4 sd 12.7 |
| **Female age** | 46.3 sd 16.1 | 75.8 sd 9.1 | 81 sd 9.7 |
| **Past smokers** | 31 (27.9%) | 90 (31%) | 204 (37%) |
| **Current smokers** | 27 (24.3%) | 23 (7.9%) | 45 (8.2%) |
| **Potus** | 21 (18.9%) | 70 (24.1%) | 121 (21.9%) |
| **Arterial Hypertension** | 46 (41.4%) | 244 (84.1%) | 469 (85%) |
| **II type Diabetes** | 6 (5.4%) | 64 (22%) | 149 (27%) |
| **Hypercholesterolemia (LDL > 100 mg/dl)** | 1 (0.9%) | 122 (42.1%) | 221 (40%) |
| **CHAD2VASC2** | 1.2 sd 1.1 | 4.4 sd 1.5 | 5.9 sd 1.7 |
| **HAS BLED** | 0.9 sd 1 | 3.1 sd 1.1 | 3.9 sd 1.2 |
| **Hachinski scale** | 1.9 sd 2 | 7.3 sd 2.5 | 9.2 sd 2.6 |
| **GCS at admission** | 14.9 sd 0.3 | 14.1 sd 1.7 | 12.8 sd 2.7 |
| **GCS at day 7** | 14.9 sd 1.2 | 14.5 sd 0.9 | 13.5 sd 2.5 |
| **GOS at day 7** | 5 sd 0.1 | 4.5 sd 0.7 | 3.9 sd 0.9 |
| **pre-stroke MRS** | 0 sd 0.2 | 0.9 sd 1.3 | 1 sd 1.4 |
| **MRS at day 7** | 0 sd 0.2 | 1 sd 1.5 | 2.2 sd 1.8 |
| **Previous ischaemic strokes** | 0 | 38 (13.1%) | 83 (15%) |
| **Lacunes** | 0 | 290 (100%) | 61 (11.1%) |
| **Significant stenosis or occlusion of major brain arteries (> 50%)** | 3 (2.7%) | 96 (33.1%) | 199 (36.1%) |
| **Significant kinking of major brain arteries (< 60°)** | 0% | 20 (6.9%) | 33 (6%) |
| **Significant stenosis or occlusion of major brain arteries (> 50%), potentially related to AS** | 0% | 0% | 61 (11.1%) |
| **Significant kinking of major brain arteries (< 60°), potentially related to AS** | 0% | 0% | 0% |
| **Class I/II NYHA, A/B ACA** | 109 (98.2%) | 184 (63.4%) | 199 (36%) |
| **Class III/IV NYHA, C/D ACA** | 2 (1.8%) | 106 (36.6%) | 353 (63.9%) |
| **Supraventricular extrasystolia** | 30 (27%) | 61 (21%) | 94 (17%) |
| **Ventricular extrasystolia** | 20 (18%) | 61 (21%) | 94 (17%) |
| **Blocks of branches** | 12 (10.8%) | 61 (21%) | 110 (19.9%) |
| **Atrioventricular blocks** | 2 (1.8%) | 14 (4.8%) | 22 (4%) |
| **Atrial fibrillation** | 0% | 38 (13.1%) | 166 (30%) |
| **Myocardial necrosis at ECG** | 3 (2.7%) | 3 (1%) | 20 (3.6%) |
| **Myocardial necrosis at echocardiography** | 5 (4.5%) | 14 (4.8%) | 40 (7.2%) |