| Variable | Total (n = 1835) | Female (n = 966) | Male (n = 869) | P value |
| --- | --- | --- | --- | --- |
| Age (years) | 56 ± 10.5 | 56 ± 10.2 | 55 ± 10.7 | 0.137 |
| BMI > 30 kg/m2 | 566 (30.8%) | 359 (37.2%) | 207 (23.8%) | <0.001 |
| Creatinine > 120 µmol/L | 294 (16.0%) | 226 (23.4%) | 68 (7.8%) | <0.001 |
| COPD/asthma | 192 (10.5%) | 114 (11.8%) | 78 (9.0%) | 0.048 |
| Atrial fibrillation/atrial flutter | 16 (0.9%) | 5 (0.5%) | 11 (1.3%) | 0.085 |
| History of ischemic stroke/TIA | 25 (1.4%) | 15 (1.6%) | 10 (1.2%) | 0.46 |
| History of peripheral artery disease | 8 (0.4%) | 1 (0.1%) | 7 (0.8%) | 0.031 |
| Cardiovascular risk factors | | | |  |
| Hypertension | 829 (45.2%) | 466 (48.2%) | 363 (41.8%) | 0.005 |
| Hypercholesterolemia | 821 (44.8%) | 432 (44.9%) | 389 (44.8%) | 0.99 |
| Ever smoker | 529 (28.9%) | 217 (22.5%) | 312 (35.9%) | <0.001 |
| Diabetes mellitus | 289 (15.8%) | 163 (16.9%) | 126 (14.5%) | 0.161 |
| Lipid profile |  |  |  |  |
| Cholesterol (mmol/L) | 5.2 [4.4-6.0] | 5.2 [4.5-6.1] | 5.1 [4.4-5.9] | 0.009 |
| Triglycerides (mmol/L) | 1.3 [0.9-1.9] | 1.2 [0.9-1.7] | 1.4 [1.0-2.1] | <0.001 |
| HDL-cholesterol (mmol/L) | 1.4 [1.1-1.7] | 1.5 [1.3-1.8] | 1.2 [1.0-1.5] | <0.001 |
| LDL-cholesterol (mmol/L) | 3.3 [2.6-4.0] | 3.3 [2.6-4.0] | 3.4 [2.6-4.1] | 0.05 |
| Cholesterol/HDL ratio | 3.4 [2.8-4.2] | 3.1 [2.6-3.8] | 3.8 [3.0-4.7] | <0.001 |
| Angina classification |  |  |  |  |
| Typical | 490 (26.7%) | 220 (22.8%) | 270 (31.1%) | <0.001 |
| Non-typical | 1345 (73.3%) | 746 (77.2%) | 599 (68.9%) | <0.001 |

EXPLORATION OF BP VS CHEST PAIN TYPE AND GENDER

|  |  |
| --- | --- |
| DATE | 10/11/2022 |
| TEAM ID | PNT2022TMID07543 |
| PROJECT NAME | VISUALIZATION AND PREDICTION OF HEART DISEASE USING DATA ANALYTICS |