**Table 5: Baseline characteristics stratified by patients included in vitamin D substudy and patients not included**

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristics** | **patients not included in substudy** | **patients included in substudy** | **p-Value** |
| **n (%)** | 1200 | 828 (69%) |  |
| **Demographic characteristics** |   |   |   |
| Age, years (median, IQR) | 75.0 (65.0, 83.0) | 76.0 (67.0, 83.0) | .12 |
| Male sex | 639 (53.2%) | 425 (51.3%) | .39 |
| BMI, kg/m2 (median, IQR) | 24.0 (21.0, 28.0) | 24.0 (21.0, 28.0) | .67 |
| BMI WHO |   |   |   |
| 1 | 114 (9.5%) | 68 (8.3%) | .22 |
| 2 | 637 (53.2%) | 419 (50.8%) |   |
| 3 | 447 (37.3%) | 337 (40.9%) |   |
| NRS\*1 |   |   |   |
| 3 | 395 (32.9%) | 229 (27.7%) | .027 |
| 4 | 453 (37.8%) | 322 (38.9%) |   |
| 5 | 352 (29.3%) | 277 (33.5%) |   |
| **Main diagnosis**  |   |   |   |
| Infectious disease | 394 (32.8%) | 219 (26.4%) | <.001 |
| Cancer | 193 (16.1%) | 181 (21.9%) |   |
| Cardiovascular disease | 112 (9.3%) | 93 (11.2%) |   |
| Gastrointestinal disease | 98 (8.2%) | 66 (8.0%) |   |
| Frailty | 129 (10.8%) | 65 (7.9%) |   |
| Miscellaneous | 69 (5.8%) | 59 (7.1%) |   |
| Pulmonary disease | 73 (6.1%) | 52 (6.3%) |   |
| Renal disease | 26 (2.2%) | 42 (5.1%) |   |
| Metabolic disorder | 34 (2.8%) | 28 (3.4%) |   |
| Neurological disorder | 72 (6.0%) | 23 (2.8%) |   |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristics** | **patients not included in substudy** | **patients included in substudy** | **p-Value** |
| **Comorbidities** |   |   |   |
| Hypertension | 621 (51.7%) | 488 (58.9%) | .001 |
| Cancer | 377 (31.4%) | 290 (35.0%) | .089 |
| Chronic renal failure | 353 (29.4%) | 288 (34.8%) | .011 |
| Cardiovascular disease | 364 (30.3%) | 202 (24.4%) | .003 |
| Diabetes | 230 (19.2%) | 198 (23.9%) | .01 |
| Chronic heart failure | 205 (17.1%) | 148 (17.9%) | .64 |
| COPD\*3 | 188 (15.7%) | 115 (13.9%) | .27 |
| PAOD\*2 | 100 (8.3%) | 86 (10.4%) | .12 |
| Stroke | 90 (7.5%) | 72 (8.7%) | .33 |
| Dementia | 47 (3.9%) | 28 (3.4%) | .53 |
| **Laboratory findings** |   |   |   |
| Albumin median (IQR) | 33.8 (29, 37) | 27.4 (23.1, 31.8) | <.001 |
| Creatinin median (IQR) | 86 (65, 122) | 88.0 (65.0, 133.0) | .26 |
| Calcium median (IQR) | 2.24 (2.16, 2.34) | 2.1 (2.0, 2.2) | <.001 |
| Phosphat median (IQR) | .93 (.77, 1.28) | 0.8 (0.5, 1.1) | .18 |
| Vitamin D on admission, median (IQR) | n.a.4 | 44.0 (26.1, 67.1) |  |
| **Clinical findings** |   |   |   |
| Barthel's index |   |   |   |
| median (IQR) | 90 (70, 100) | 85 (70, 95) | .004 |
| functional impairment (≥10% decline) | 660 (55.0%) | 530 (64%) | <.001 |
| \*1 NRS, Nutritional Risk Screening 2002\*2 PAOD, peripheral artery occlusive disease\*3 COPD, chronic obstructive pulmonary disease\*4 n.a., not applicable  |