|  |  |  |  |
| --- | --- | --- | --- |
|  | **Responders**  **n=402** | **Non-Responders**  **n=1893** | **p-valor** |
| Charlson & age\* | 4.79 (1.86) | 5.04 (1.91) | 0.0842 |
| Basal FEV1 |  |  | 0.2522 |
| >=50 | 97 (33.33) | 585 (38.44) |  |
| 30<= & <50 | 149 (51.20) | 726 (47.70) |  |
| <30 | 45 (15.46) | 211 (13.86) |  |
| Intermediate respiratory care unit (IRCU) | 32 (13.28) | 168 (14.75) | 0.5554 |
| Previous hospitalization |  |  | 0.8816 |
| >=3 | 39 (10.00) | 192 (10.25) |  |
| <3 | 351 (90.00) | 1681 (89.75) |  |
| Hospitalization after 2 months | 111 (31.53) | 478 (25.26) | 0.0141 |
| Previous LT-DOT or NIMV at home | 111 (27.61) | 615 (32.49) | 0.0562 |
| Heart disease - Yes | 312 (79.59) | 1496 (79.36) | 0.9189 |
| Diabetes – Yes | 314 (79.70) | 1486 (78.79) | 0.6888 |
| Use of inspiratory accessory muscle or paradoxical breathing | 79 (19.65) | 385 (20.34) | 0.7557 |
| Edema – Yes | 66 (17.55) | 320 (18.04) | 0.8238 |
| PH at arrival |  |  | 0.3738 |
| >=7.35 | 335 (89.57) | 1519 (87.10) |  |
| 7.26< & <7.35 | 32 (8.56) | 192 (11.01) |  |
| <7.26 | 7 (1.87) | 33 (1.89) |  |
| PCO2 at arrival |  |  | 0.4370 |
| <=45 | 211 (59.44) | 952 (58.48) |  |
| >45 & <55 | 79 (22.25) | 366 (22.48) |  |
| >55 & <65 | 43 (12.11) | 171 (10.50) |  |
| >65 | 22 (6.20) | 139 (8.54) |  |
| Glasgow |  |  | 0.9813 |
| <15 | 9 (2.24) | 42 (2.22) |  |
| =15 | 393 (97.76) | 1850 (97.78) |  |
| Physical activity at arrival |  |  | 0.4005 |
| A | 10 (5.24) | 100 (5.28) |  |
| B | 7 (3.66) | 115 (6.08) |  |
| C | 52 (27.23) | 435 (22.98) |  |
| D | 56 (29.32) | 627 (33.12) |  |
| E | 66 (34.55) | 616 (32.54) |  |
| Basal dyspnea |  |  | 0.1262 |
| A | 79 (39.90) | 695 (37.01) |  |
| B | 33 (16.67) | 432 (23.00) |  |
| C | 86 (43.43) | 751 (39.99) |  |
| Euroqol score at arrival\* | 0.60 (0.27) | 0.64 (0.27) | 0.0435 |
| 1 year mortality | 49 (12.19) | 175 (9.24) | 0.0708 |
| \*Represented as mean (std) |  |  |  |

Table E1. Main clinical and sociodemographic variables comparison among responders and non-responders to two months patients’ questionnaires.

Long-Term Domiciliary Oxygen Therapy; NIMV: Non-Invasive Mechanical Ventilation

Physical activity levels:

A.-Do not leave the house; bedridden or chair.

B.-Do not leave the house, but could walk at home

C.-Left the house, but could not walk more than 100 meters

D.-Could run errands and walk a few hundred meters, but not walking regularly; or work in the garden.

E.-Walked regularly or could play sports.

Dyspnea levels:

A- Absence of fatigue except when performing intense exercise; Fatigue when walking fast or climb a gentle slope

B- Inability to keep pace with others of the same age, walking on level due to respiratory distress; or having to stop to rest in plain to step itself.

C- Need to stop to rest by walking about 100 meters or within a few minutes walking on flat; Fatigue prevents the patient from leaving home or appears with activities such as dressing