| Characteristics                  | Overall N=60 | No PICS N=12/60 | One PICS Domain Impaired N=20/60 | Two or Three PICS Domains Impaired N=28/60 | Mental Health Impairment N=30/60 | Cognitive Impairment N=25/60 | Physical Functional Impairment N=33/60 | Dyspnea N=25/40 |
|---------------------------------|-------------|----------------|----------------------------------|------------------------------------------|---------------------------------|-------------------------------|----------------------------------------|---------------|
| **Enrollment site — no. (%)**   |             |                |                                  |                                          |                                 |                               |                                        |               |
| Beth Israel Deaconess Medical Center | 40/60 (67)  | 8/12 (67)      | 15/20 (75)                       | 17/28 (61)                                | 19/30 (63)                      | 17/25 (68)                  | 20/33 (60)                             | 25/25 (100)    |
| Penn Medicine                  | 20/60 (33)  | 4/12 (33)      | 5/20 (25)                        | 11/28 (39)                                | 11/30 (37)                      | 8/25 (32)                   | 13/33 (40)                             | 0/25 (0)       |
| **Admission location — no. (%)**|             |                |                                  |                                          |                                 |                               |                                        |               |
| Home                           | 52/60 (87)  | 12/12 (100)    | 17/20 (85)                       | 23/28 (82)                                | 23/30 (77)                      | 19/25 (76)                  | 27/33 (82)                             | 21/25 (84)     |
| Nursing facility               | 8/60 (13)   | 0 (100)        | 3/20 (15)                        | 6/30 (20)                                 | 6/25 (24)                       | 6/33 (18)                   | 4/25 (16)                              |               |
| **Mean timing of follow-up after hospital discharge – days** | 182±15 | 175±14 | 189±20 | 174±16 | 185±17 | 178±15 | 184±19 | 179±20 |
| **Mean age (range) – y**        | 59±13 (24-88) | 43±12 (24-59) | 58±14 (32-77)         | 63±15 (35-88)                           | 57±13 (32-78)                | 58±16 (35-88) | 65±15 (35-88) | 57±14 (26-88) |
| **Sex — no. (%)**              |             |                |                                  |                                          |                                 |                               |                                        |               |
| Male                           | 29/60 (48)  | 7/12 (42)      | 10/20 (50)                      | 12/28 (43)                                | 15/30 (50)                     | 13/25 (52)                  | 16/33 (48)                             | 11/25 (44)     |
| Female                         | 31/60 (52)  | 5/12 (58)      | 10/20 (50)                      | 15/28 (54)                                | 15/30 (50)                     | 12/25 (48)                  | 17/33 (52)                             | 14/25 (56)     |
| **Race/Ethnicity* — no. (%)**  |             |                |                                  |                                          |                                 |                               |                                        |               |
| Asian                          | 6/60 (10)   | 0/12 (0)       | 2/20 (10)                       | 4/28 (14)                                 | 3/30 (10)                     | 3/25 (12)                   | 2/33 (6)                               | 2/25 (8)       |
| Black                          | 12/60 (20)  | 3/12 (25)      | 5/20 (25)                       | 4/28 (14)                                 | 6/30 (20)                     | 5/25 (20)                   | 4/33 (12)                               | 5/25 (20)      |
| Hispanic                       | 26/60 (43)  | 5/12 (42)      | 9/20 (45)                       | 12/28 (43)                                | 14/30 (47)                    | 10/25 (40)                  | 14/33 (42)                             | 11/25 (44)     |
| White, Non-Hispanic            | 16/60 (27)  | 4/12 (33)      | 4/20 (20)                       | 8/28 (29)                                 | 7/30 (23)                     | 7/25 (28)                   | 9/33 (27)                               | 7/25 (28)      |
| Coexisting conditions — no. (%) | Anxiety | Chronic kidney disease | Chronic obstructive pulmonary disease | Coronary Artery Disease | Current tobacco smoker | Dementia | Diabetes mellitus | Hypertension | Obstructive Sleep Apnea | Pregnancy | Depression | Delirium in ICU** | Delirium day of ICU Discharge | Mean Duration of Invasive Mechanical Ventilation – days | Mean Length of Hospital Stay – days | Mean SOFA score at intubation | Mean PaO2:FiO2 at intubation | Medications in ICU – no (%) |
|--------------------------------|---------|------------------------|-------------------------------------|------------------------|------------------------|----------|------------------|--------------|------------------------|-----------|-------------|------------------|-----------------------------|---------------------------------|-------------------------------------|--------------------------------|--------------------------------|---------------------------------|
| Anxiety                        | 3/60 (5)| 1/12 (8)               | 7/60 (12)                          | 11/60 (18)            | 11/60 (18)            | 1/60 (2) | 16/60 (27)      | 17/60 (28)   | 9/60 (15)              | 1/60 (2)  | 4/60 (7)    | 39/60 (65)        | 12/60 (20)                     | 14±6.5                           | 23.5±8.6                           | 5±1                                | 164±42                             |                                |
| Chronic kidney disease         | 6/60 (10)| 2/20 (10)              | 3/28 (11)                          | 5/30 (17)             | 5/20 (25)             | 2/12 (17) | 2/12 (17)      | 4/12 (33)    | 2/12 (17)              | 1/12 (8)  | 0/12 (0)    | 5/12 (42)         | 3/12 (25)                     | 12.2±5.2                         | 21.1±9.1                           | 4±2                                | 156±38                             |                                |
| Chronic obstructive pulmonary disease | 7/60 (12)| 3/20 (15)              | 2/28 (7)                           | 3/30 (10)             | 5/30 (17)             | 3/20 (15) | 2/12 (17)      | 7/20 (35)    | 3/20 (15)              | 0/20 (0)  | 0/20 (0)    | 15/20 (75)        | 3/20 (15)                     | 13.4±7                           | 24.4±9                            | 5±1                                | 168±50                             |                                |
| Coronary Artery Disease        | 11/60 (18)| 5/20 (25)              | 4/28 (14)                          | 5/30 (17)             | 5/30 (17)             | 3/20 (15) | 7/20 (35)      | 6/28 (21)    | 3/20 (15)              | 0/20 (0)  | 0/20 (0)    | 19/20 (75)        | 6/30 (20)                     | 15.6±7.3                         | 25±8.5                            | 4±2                                | 149±39                             |                                |
| Current tobacco smoker         | 11/60 (18)| 5/20 (25)              | 4/28 (14)                          | 5/30 (17)             | 5/20 (20)             | 0/20 (0)  | 7/20 (35)      | 6/28 (21)    | 3/20 (15)              | 0/20 (0)  | 0/20 (0)    | 19/20 (75)        | 6/30 (20)                     | 15.6±5.1                         | 25.2±7.4                           | 5±2                                | 167±29                             |                                |
| Dementia                       | 1/60 (2) | 0/20 (0)               | 0/20 (0)                           | 0/30 (0)              | 1/25 (4)              | 0/25 (0)  | 0/25 (0)       | 7/30 (23)    | 3/20 (15)              | 0/30 (0)  | 0/30 (0)    | 17/30 (57)        | 8/30 (20)                     | 15±6.3                           | 24.2±8.1                           | 4±2                                | 167±29                             |                                |
| Diabetes mellitus              | 16/60 (27)| 7/20 (35)              | 7/28 (25)                          | 8/30 (27)             | 9/25 (36)             | 4/30 (13) | 4/30 (13)      | 7/30 (23)    | 4/30 (13)              | 0/30 (0)  | 0/30 (0)    | 19/20 (75)        | 6/30 (20)                     | 15.6±5.1                         | 25.2±7.4                           | 4±2                                | 152±14                             |                                |
| Hypertension                   | 17/60 (28)| 6/28 (21)              | 7/30 (23)                          | 10/25 (40)            | 10/33 (30)            | 3/25 (12) | 3/25 (12)      | 10/25 (40)   | 3/25 (12)              | 6/30 (20) | 6/30 (20)   | 24/25 (96)        | 24/25 (96)                    | 14±6.1                           | 24.2±10.2                          | 5±2                                | 162±40                             |                                |
| Obstructive Sleep Apnea        | 9/60 (15)| 4/28 (14)              | 4/30 (13)                          | 4/30 (12)             | 4/30 (12)             | 4/30 (12) | 4/30 (12)      | 7/30 (23)    | 4/30 (12)              | 8/30 (20) | 8/30 (20)   | 23/33 (70)        | 23/33 (70)                    | 15±6.3                           | 24.2±8.1                           | 5±2                                | 148±38                             |                                |
| Pregnancy                      | 1/60 (2) | 0/20 (0)               | 0/20 (0)                           | 0/30 (0)              | 0/25 (0)              | 0/30 (0)  | 0/30 (0)       | 5/33 (30)    | 0/30 (0)              | 0/30 (0)  | 0/30 (0)    | 18/25 (72)        | 18/25 (72)                    | 15±6.3                           | 24.2±10.2                          | 5±2                                | 148±38                             |                                |
| Depression                     | 4/60 (7) | 4/28 (14)              | 4/30 (13)                          | 3/25 (12)             | 4/30 (12)             | 3/25 (12) | 3/25 (12)      | 7/30 (23)    | 3/25 (12)              | 12/60 (20)| 12/60 (20)| 24/25 (96)        | 24/25 (96)                    | 15±6.3                           | 24.2±10.2                          | 5±2                                | 148±38                             |                                |
| Delirium in ICU**              | 39/60 (65)| 19/20 (75)             | 17/30 (57)                         | 24/25 (96)            | 23/33 (70)            | 6/30 (20) | 6/30 (20)      | 25.2±7.4    | 24/25 (96)              | 25.2±8.5 | 25.2±8.5   | 23/33 (70)        | 23/33 (70)                    | 15±6.3                           | 24.2±10.2                          | 5±2                                | 148±38                             |                                |
| Delirium day of ICU Discharge  | 12/60 (20)| 6/30 (20)              | 6/30 (20)                          | 8/25 (32)             | 6/33 (19)             | 7/25 (28) | 7/25 (28)      | 25.2±7.4    | 8/25 (32)              | 12/60 (20)| 12/60 (20)| 24/25 (96)        | 24/25 (96)                    | 15±6.3                           | 24.2±10.2                          | 5±2                                | 148±38                             |                                |
| Mean Duration of Invasive Mechanical Ventilation – days | 14±6.5 | 12.2±5.2 | 13.4±7 | 15.6±7.3 | 14.3±6.1 | 15.6±5.1 | 15±6.3 | 14.5±5.2 |
| Mean Length of Hospital Stay – days | 23.5±8.6 | 21.1±9.1 | 24.4±9 | 25±8.5 | 24.2±8.1 | 25.2±7.4 | 24.2±10.2 | 23.7±8.5 |
| Mean SOFA score at intubation | 5±1 | 4±2 | 5±1 | 5±2 | 4±2 | 5±2 | 4±2 | 5±1 |
| Mean PaO2:FiO2 at intubation | 164±42 | 156±38 | 168±50 | 149±39 | 167±29 | 152±14 | 162±40 | 148±38 |
|                                | 10/60 (17) | 2/12 (25) | 3/20 (15) | 5/28 (18) | 6/30 (20) | 7/25 (28) | 5/33 (15) | 4/25 (16) |
|--------------------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| **Antipsychotics**             |            |           |           |           |           |           |           |           |
| **Benzodiazepines**            | 14/60 (23) | 3/12 (25) | 5/20 (25) | 6/28 (21) | 8/30 (27) | 9/25 (36) | 10/33 (30) | 7/25 (28) |
| **Opioids**                    | 60/60 (100)| 12/12 (100)| 20/20 (100)| 28/28 (100)| 30/30 (100)| 25/25 (100)| 33/33 (100)| 25/25 (100)|
| **Neuromuscular Blockade**     | 17/60 (28) | 3/12 (25) | 6/20 (30) | 8/28 (29) | 8/30 (27) | 7/25 (28) | 9/33 (27) | 6/25 (24) |
| **Corticosteroids**            | 0/60 (0)   | 0/12 (0)  | 0/20 (0)  | 0/28 (0)  | 0/30 (0)  | 0/25 (0)  | 0/33 (0)  | 0/25 (0)  |
| **Tracheostomy – no (%)**      | 6/60 (10)  | 0/12 (0)  | 1/20 (5)  | 5/28 (18) | 3/30 (10) | 4/25 (16) | 6/33 (18) | 6/25 (24) |
| **ECMO – no (%)**              | 2/60 (3)   | 0/12 (0)  | 0/20 (0)  | 2/28 (7)  | 1/30 (3)  | 1/25 (4)  | 2/33 (6)  | 2/25 (8)  |
| **Discharge disposition – no (%)** |            |           |           |           |           |           |           |           |
| **Home**                       | 33/60 (55) | 9/12 (75) | 11/20 (55) | 13/28 (46) | 14/30 (47) | 10/25 (40) | 15/33 (45) | 11/25 (44) |
| **Nursing/post-acute rehabilitation facility*** | 27/60 (45) | 3/12 (25) | 9/20 (45) | 15/28 (54) | 16/30 (53) | 15/25 (60) | 18/33 (55) | 14/25 (56) |
| **30-day hospital readmission**| 1/60 (2)   | 0/12 (0)  | 0 (0)     | 1/28 (4)  | 0/30 (0)  | 1/25 (4)  | 1/33 (3)  | 1/25 (4)  |

*patient self-identified race at hospital admission

**Delirium was assessed by confusion assessment method – ICU (CAM-ICU) performed twice daily as routine nursing care

***including skilled-nursing facility, acute rehab facility, and long-term acute care hospital