|  | **No COVID** | | **COVID** | | **Overall** | |
| --- | --- | --- | --- | --- | --- | --- |
|  | **No DM (N=39)** | **Any DM (N=33)** | **No DM (N=76)** | **Any DM (N=34)** | **No DM (N=115)** | **Any DM (N=67)** |
| **Whole Blood** |  |  |  |  |  |  |
| Whole Blood | 0 (0%) | 0 (0%) | 41 (53.9%) | 21 (61.8%) | 41 (35.7%) | 21 (31.3%) |
| Whole Blood + Trizol | 0 (0%) | 0 (0%) | 35 (46.1%) | 13 (38.2%) | 35 (30.4%) | 13 (19.4%) |
| Missing | 39 (100%) | 33 (100%) | 0 (0%) | 0 (0%) | 39 (33.9%) | 33 (49.3%) |
| **Plasma** |  |  |  |  |  |  |
| 0 | 18 (46.2%) | 13 (39.4%) | 40 (52.6%) | 13 (38.2%) | 58 (50.4%) | 26 (38.8%) |
| 1 | 21 (53.8%) | 20 (60.6%) | 36 (47.4%) | 21 (61.8%) | 57 (49.6%) | 41 (61.2%) |
| **Inpatient=1, ER=2, OP=3** |  |  |  |  |  |  |
| Inpatient | 34 (87.2%) | 30 (90.9%) | 69 (90.8%) | 31 (91.2%) | 103 (89.6%) | 61 (91.0%) |
| ER | 4 (10.3%) | 2 (6.1%) | 5 (6.6%) | 2 (5.9%) | 9 (7.8%) | 4 (6.0%) |
| OP | 1 (2.6%) | 1 (3.0%) | 2 (2.6%) | 1 (2.9%) | 3 (2.6%) | 2 (3.0%) |
| **Age** |  |  |  |  |  |  |
| Mean (SD) | 67.5 (18.1) | 64.2 (16.8) | 61.4 (16.4) | 67.0 (13.7) | 63.5 (17.2) | 65.6 (15.2) |
| Median [Min, Max] | 74.0 [22.0, 92.0] | 66.0 [28.0, 94.0] | 61.5 [21.0, 93.0] | 68.5 [36.0, 89.0] | 64.0 [21.0, 93.0] | 68.0 [28.0, 94.0] |
| **Sex** |  |  |  |  |  |  |
| Male | 18 (46.2%) | 17 (51.5%) | 45 (59.2%) | 20 (58.8%) | 63 (54.8%) | 37 (55.2%) |
| Female | 21 (53.8%) | 16 (48.5%) | 31 (40.8%) | 14 (41.2%) | 52 (45.2%) | 30 (44.8%) |
| **Race** |  |  |  |  |  |  |
| White Non-Hispanic | 27 (69.2%) | 18 (54.5%) | 48 (63.2%) | 24 (70.6%) | 75 (65.2%) | 42 (62.7%) |
| Black | 3 (7.7%) | 3 (9.1%) | 7 (9.2%) | 3 (8.8%) | 10 (8.7%) | 6 (9.0%) |
| Indian/Asian | 3 (7.7%) | 3 (9.1%) | 7 (9.2%) | 1 (2.9%) | 10 (8.7%) | 4 (6.0%) |
| Other | 4 (10.3%) | 2 (6.1%) | 14 (18.4%) | 6 (17.6%) | 18 (15.7%) | 8 (11.9%) |
| Unknown | 2 (5.1%) | 7 (21.2%) | 0 (0%) | 0 (0%) | 2 (1.7%) | 7 (10.4%) |
| **Height (cm)** |  |  |  |  |  |  |
| Mean (SD) | 169 (12.7) | 170 (12.4) | 169 (10.0) | 167 (10.7) | 169 (11.0) | 168 (11.6) |
| Median [Min, Max] | 168 [142, 198] | 168 [142, 193] | 170 [145, 191] | 165 [150, 191] | 168 [142, 198] | 168 [142, 193] |
| **Weight (kg)** |  |  |  |  |  |  |
| Mean (SD) | 80.5 (24.5) | 85.7 (22.6) | 90.6 (30.8) | 88.8 (22.0) | 87.2 (29.1) | 87.3 (22.2) |
| Median [Min, Max] | 73.1 [48.0, 134] | 89.4 [45.4, 141] | 86.0 [42.0, 217] | 84.8 [45.2, 154] | 82.3 [42.0, 217] | 84.9 [45.2, 154] |
| **BMI** |  |  |  |  |  |  |
| Mean (SD) | 27.8 (6.97) | 29.5 (6.49) | 31.5 (9.87) | 31.9 (7.35) | 30.3 (9.13) | 30.7 (6.99) |
| Median [Min, Max] | 25.8 [18.9, 47.7] | 29.1 [16.7, 43.9] | 29.0 [20.0, 71.6] | 31.6 [19.5, 50.7] | 28.0 [18.9, 71.6] | 29.8 [16.7, 50.7] |
| **If BMI ?30 Obesity Class (I,II,III)** |  |  |  |  |  |  |
| I | 11 (28.2%) | 8 (24.2%) | 13 (17.1%) | 11 (32.4%) | 24 (20.9%) | 19 (28.4%) |
| II | 3 (7.7%) | 4 (12.1%) | 10 (13.2%) | 5 (14.7%) | 13 (11.3%) | 9 (13.4%) |
| III | 2 (5.1%) | 2 (6.1%) | 9 (11.8%) | 3 (8.8%) | 11 (9.6%) | 5 (7.5%) |
| Missing | 23 (59.0%) | 19 (57.6%) | 44 (57.9%) | 15 (44.1%) | 67 (58.3%) | 34 (50.7%) |
| **Vaccinated** |  |  |  |  |  |  |
| 0 | 2 (5.1%) | 5 (15.2%) | 69 (90.8%) | 25 (73.5%) | 71 (61.7%) | 30 (44.8%) |
| 1 | 33 (84.6%) | 24 (72.7%) | 7 (9.2%) | 9 (26.5%) | 40 (34.8%) | 33 (49.3%) |
| 9 | 4 (10.3%) | 4 (12.1%) | 0 (0%) | 0 (0%) | 4 (3.5%) | 4 (6.0%) |
| **Dose #1** |  |  |  |  |  |  |
| 0 | 2 (5.1%) | 5 (15.2%) | 69 (90.8%) | 26 (76.5%) | 71 (61.7%) | 31 (46.3%) |
| 1 | 33 (84.6%) | 24 (72.7%) | 7 (9.2%) | 8 (23.5%) | 40 (34.8%) | 32 (47.8%) |
| 9 | 4 (10.3%) | 4 (12.1%) | 0 (0%) | 0 (0%) | 4 (3.5%) | 4 (6.0%) |
| **Dose #2** |  |  |  |  |  |  |
| 0 | 7 (17.9%) | 8 (24.2%) | 74 (97.4%) | 32 (94.1%) | 81 (70.4%) | 40 (59.7%) |
| 1 | 27 (69.2%) | 18 (54.5%) | 2 (2.6%) | 2 (5.9%) | 29 (25.2%) | 20 (29.9%) |
| 9 | 5 (12.8%) | 7 (21.2%) | 0 (0%) | 0 (0%) | 5 (4.3%) | 7 (10.4%) |
| **Booster** |  |  |  |  |  |  |
| 0 | 12 (30.8%) | 14 (42.4%) | 75 (98.7%) | 34 (100%) | 87 (75.7%) | 48 (71.6%) |
| 1 | 20 (51.3%) | 12 (36.4%) | 1 (1.3%) | 0 (0%) | 21 (18.3%) | 12 (17.9%) |
| 9 | 7 (17.9%) | 7 (21.2%) | 0 (0%) | 0 (0%) | 7 (6.1%) | 7 (10.4%) |
| **Critical Care** |  |  |  |  |  |  |
| 0 | 25 (64.1%) | 27 (81.8%) | 70 (92.1%) | 27 (79.4%) | 95 (82.6%) | 54 (80.6%) |
| 1 | 14 (35.9%) | 6 (18.2%) | 6 (7.9%) | 7 (20.6%) | 20 (17.4%) | 13 (19.4%) |
| **ICU LOS** |  |  |  |  |  |  |
| Mean (SD) | 2.90 (7.36) | 1.55 (4.40) | 0.553 (2.50) | 2.91 (8.60) | 1.35 (4.84) | 2.24 (6.84) |
| Median [Min, Max] | 0 [0, 43.0] | 0 [0, 20.0] | 0 [0, 19.0] | 0 [0, 47.0] | 0 [0, 43.0] | 0 [0, 47.0] |
| **LOS** |  |  |  |  |  |  |
| Mean (SD) | 8.21 (9.80) | 9.48 (8.61) | 6.70 (7.91) | 8.71 (11.1) | 7.21 (8.58) | 9.09 (9.89) |
| Median [Min, Max] | 4.00 [0, 46.0] | 6.00 [0, 34.0] | 4.00 [0, 41.0] | 4.00 [0, 53.0] | 4.00 [0, 46.0] | 6.00 [0, 53.0] |
| **Expired** |  |  |  |  |  |  |
| 0 | 37 (94.9%) | 32 (97.0%) | 70 (92.1%) | 28 (82.4%) | 107 (93.0%) | 60 (89.6%) |
| 1 | 2 (5.1%) | 1 (3.0%) | 6 (7.9%) | 6 (17.6%) | 8 (7.0%) | 7 (10.4%) |
| **Wave** |  |  |  |  |  |  |
| 1 | 0 (0%) | 0 (0%) | 7 (9.2%) | 1 (2.9%) | 7 (6.1%) | 1 (1.5%) |
| 2 | 0 (0%) | 0 (0%) | 27 (35.5%) | 12 (35.3%) | 27 (23.5%) | 12 (17.9%) |
| 3 | 0 (0%) | 0 (0%) | 42 (55.3%) | 21 (61.8%) | 42 (36.5%) | 21 (31.3%) |
| 4 | 39 (100%) | 33 (100%) | 0 (0%) | 0 (0%) | 39 (33.9%) | 33 (49.3%) |
| **Smoking History (0,1,2)** |  |  |  |  |  |  |
| Current | 17 (43.6%) | 14 (42.4%) | 2 (2.6%) | 2 (5.9%) | 19 (16.5%) | 16 (23.9%) |
| Former | 5 (12.8%) | 6 (18.2%) | 13 (17.1%) | 9 (26.5%) | 18 (15.7%) | 15 (22.4%) |
| Never | 17 (43.6%) | 13 (39.4%) | 60 (78.9%) | 23 (67.6%) | 77 (67.0%) | 36 (53.7%) |
| Missing | 0 (0%) | 0 (0%) | 1 (1.3%) | 0 (0%) | 1 (0.9%) | 0 (0%) |
| **CCI** |  |  |  |  |  |  |
| Mean (SD) | 5.26 (3.82) | 6.39 (3.79) | 2.22 (1.87) | 4.24 (2.43) | 3.25 (3.04) | 5.30 (3.33) |
| Median [Min, Max] | 5.00 [0, 14.0] | 6.00 [1.00, 18.0] | 2.00 [0, 7.00] | 3.50 [1.00, 9.00] | 3.00 [0, 14.0] | 5.00 [1.00, 18.0] |
| **Age\_Category** |  |  |  |  |  |  |
| 0 | 7 (17.9%) | 6 (18.2%) | 16 (21.1%) | 3 (8.8%) | 23 (20.0%) | 9 (13.4%) |
| 1 | 4 (10.3%) | 2 (6.1%) | 18 (23.7%) | 8 (23.5%) | 22 (19.1%) | 10 (14.9%) |
| 2 | 5 (12.8%) | 12 (36.4%) | 18 (23.7%) | 7 (20.6%) | 23 (20.0%) | 19 (28.4%) |
| 3 | 14 (35.9%) | 9 (27.3%) | 13 (17.1%) | 9 (26.5%) | 27 (23.5%) | 18 (26.9%) |
| 4 | 9 (23.1%) | 4 (12.1%) | 11 (14.5%) | 7 (20.6%) | 20 (17.4%) | 11 (16.4%) |
| **MI** |  |  |  |  |  |  |
| 0 | 33 (84.6%) | 28 (84.8%) | 76 (100%) | 33 (97.1%) | 109 (94.8%) | 61 (91.0%) |
| 1 | 6 (15.4%) | 5 (15.2%) | 0 (0%) | 1 (2.9%) | 6 (5.2%) | 6 (9.0%) |
| **HF** |  |  |  |  |  |  |
| 0 | 27 (69.2%) | 27 (81.8%) | 75 (98.7%) | 29 (85.3%) | 102 (88.7%) | 56 (83.6%) |
| 1 | 12 (30.8%) | 6 (18.2%) | 1 (1.3%) | 5 (14.7%) | 13 (11.3%) | 11 (16.4%) |
| **PVD** |  |  |  |  |  |  |
| 0 | 37 (94.9%) | 31 (93.9%) | 75 (98.7%) | 33 (97.1%) | 112 (97.4%) | 64 (95.5%) |
| 1 | 2 (5.1%) | 2 (6.1%) | 1 (1.3%) | 1 (2.9%) | 3 (2.6%) | 3 (4.5%) |
| **CVD** |  |  |  |  |  |  |
| 0 | 30 (76.9%) | 23 (69.7%) | 74 (97.4%) | 33 (97.1%) | 104 (90.4%) | 56 (83.6%) |
| 1 | 9 (23.1%) | 10 (30.3%) | 2 (2.6%) | 1 (2.9%) | 11 (9.6%) | 11 (16.4%) |
| **Dementia** |  |  |  |  |  |  |
| 0 | 37 (94.9%) | 31 (93.9%) | 70 (92.1%) | 29 (85.3%) | 107 (93.0%) | 60 (89.6%) |
| 1 | 2 (5.1%) | 2 (6.1%) | 6 (7.9%) | 5 (14.7%) | 8 (7.0%) | 7 (10.4%) |
| **COPD** |  |  |  |  |  |  |
| 0 | 34 (87.2%) | 27 (81.8%) | 67 (88.2%) | 29 (85.3%) | 101 (87.8%) | 56 (83.6%) |
| 1 | 5 (12.8%) | 6 (18.2%) | 7 (9.2%) | 5 (14.7%) | 12 (10.4%) | 11 (16.4%) |
| 2 | 0 (0%) | 0 (0%) | 2 (2.6%) | 0 (0%) | 2 (1.7%) | 0 (0%) |
| **Rheum/ CONNECTIVE TISSUE DISEASE** |  |  |  |  |  |  |
| 0 | 37 (94.9%) | 32 (97.0%) | 75 (98.7%) | 34 (100%) | 112 (97.4%) | 66 (98.5%) |
| 1 | 2 (5.1%) | 1 (3.0%) | 1 (1.3%) | 0 (0%) | 3 (2.6%) | 1 (1.5%) |
| **PUD** |  |  |  |  |  |  |
| 0 | 37 (94.9%) | 32 (97.0%) | 76 (100%) | 34 (100%) | 113 (98.3%) | 66 (98.5%) |
| 1 | 2 (5.1%) | 1 (3.0%) | 0 (0%) | 0 (0%) | 2 (1.7%) | 1 (1.5%) |
| **mliverd** |  |  |  |  |  |  |
| 0 | 37 (94.9%) | 33 (100%) | 76 (100%) | 32 (94.1%) | 113 (98.3%) | 65 (97.0%) |
| 1 | 2 (5.1%) | 0 (0%) | 0 (0%) | 2 (5.9%) | 2 (1.7%) | 2 (3.0%) |
| **DiabNC** |  |  |  |  |  |  |
| 0 | 38 (97.4%) | 7 (21.2%) | 76 (100%) | 11 (32.4%) | 114 (99.1%) | 18 (26.9%) |
| 1 | 1 (2.6%) | 26 (78.8%) | 0 (0%) | 23 (67.6%) | 1 (0.9%) | 49 (73.1%) |
| **DiabC** |  |  |  |  |  |  |
| 0 | 38 (97.4%) | 7 (21.2%) | 76 (100%) | 11 (32.4%) | 114 (99.1%) | 18 (26.9%) |
| 1 | 1 (2.6%) | 26 (78.8%) | 0 (0%) | 23 (67.6%) | 1 (0.9%) | 49 (73.1%) |
| **Hemoplegia** |  |  |  |  |  |  |
| 0 | 38 (97.4%) | 30 (90.9%) | 76 (100%) | 34 (100%) | 114 (99.1%) | 64 (95.5%) |
| 1 | 1 (2.6%) | 3 (9.1%) | 0 (0%) | 0 (0%) | 1 (0.9%) | 3 (4.5%) |
| **RenalD** |  |  |  |  |  |  |
| 0 | 34 (87.2%) | 22 (66.7%) | 72 (94.7%) | 29 (85.3%) | 106 (92.2%) | 51 (76.1%) |
| 1 | 5 (12.8%) | 11 (33.3%) | 0 (0%) | 0 (0%) | 5 (4.3%) | 11 (16.4%) |
| 2 | 0 (0%) | 0 (0%) | 4 (5.3%) | 5 (14.7%) | 4 (3.5%) | 5 (7.5%) |
| **Cancer** |  |  |  |  |  |  |
| 0 | 34 (87.2%) | 29 (87.9%) | 75 (98.7%) | 30 (88.2%) | 109 (94.8%) | 59 (88.1%) |
| 1 | 5 (12.8%) | 4 (12.1%) | 0 (0%) | 0 (0%) | 5 (4.3%) | 4 (6.0%) |
| 2 | 0 (0%) | 0 (0%) | 1 (1.3%) | 4 (11.8%) | 1 (0.9%) | 4 (6.0%) |
| **msliver** |  |  |  |  |  |  |
| 0 | 37 (94.9%) | 32 (97.0%) | 76 (100%) | 34 (100%) | 113 (98.3%) | 66 (98.5%) |
| 1 | 2 (5.1%) | 1 (3.0%) | 0 (0%) | 0 (0%) | 2 (1.7%) | 1 (1.5%) |
| **MetaCancer** |  |  |  |  |  |  |
| 0 | 33 (84.6%) | 28 (84.8%) | 76 (100%) | 34 (100%) | 109 (94.8%) | 62 (92.5%) |
| 1 | 6 (15.4%) | 5 (15.2%) | 0 (0%) | 0 (0%) | 6 (5.2%) | 5 (7.5%) |
| **AIDS** |  |  |  |  |  |  |
| 0 | 38 (97.4%) | 32 (97.0%) | 76 (100%) | 34 (100%) | 114 (99.1%) | 66 (98.5%) |
| 1 | 1 (2.6%) | 0 (0%) | 0 (0%) | 0 (0%) | 1 (0.9%) | 0 (0%) |
| Missing | 0 (0%) | 1 (3.0%) | 0 (0%) | 0 (0%) | 0 (0%) | 1 (1.5%) |
| **HTN** |  |  |  |  |  |  |
| 0 | 13 (33.3%) | 7 (21.2%) | 37 (48.7%) | 4 (11.8%) | 50 (43.5%) | 11 (16.4%) |
| 1 | 26 (66.7%) | 26 (78.8%) | 39 (51.3%) | 30 (88.2%) | 65 (56.5%) | 56 (83.6%) |
| **Obese** |  |  |  |  |  |  |
| 0 | 23 (59.0%) | 18 (54.5%) | 43 (56.6%) | 15 (44.1%) | 66 (57.4%) | 33 (49.3%) |
| 1 | 16 (41.0%) | 15 (45.5%) | 33 (43.4%) | 19 (55.9%) | 49 (42.6%) | 34 (50.7%) |
| **tocilizumab** |  |  |  |  |  |  |
| 0 | 39 (100%) | 33 (100%) | 70 (92.1%) | 28 (82.4%) | 109 (94.8%) | 61 (91.0%) |
| 1 | 0 (0%) | 0 (0%) | 6 (7.9%) | 6 (17.6%) | 6 (5.2%) | 6 (9.0%) |
| **remdesivir** |  |  |  |  |  |  |
| 0 | 39 (100%) | 33 (100%) | 21 (27.6%) | 8 (23.5%) | 60 (52.2%) | 41 (61.2%) |
| 1 | 0 (0%) | 0 (0%) | 55 (72.4%) | 26 (76.5%) | 55 (47.8%) | 26 (38.8%) |
| **dexamethasone** |  |  |  |  |  |  |
| 0 | 33 (84.6%) | 29 (87.9%) | 18 (23.7%) | 7 (20.6%) | 51 (44.3%) | 36 (53.7%) |
| 1 | 6 (15.4%) | 4 (12.1%) | 58 (76.3%) | 27 (79.4%) | 64 (55.7%) | 31 (46.3%) |
| **methylprednisolone** |  |  |  |  |  |  |
| 0 | 34 (87.2%) | 30 (90.9%) | 73 (96.1%) | 32 (94.1%) | 107 (93.0%) | 62 (92.5%) |
| 1 | 5 (12.8%) | 3 (9.1%) | 3 (3.9%) | 2 (5.9%) | 8 (7.0%) | 5 (7.5%) |
| **prednisone** |  |  |  |  |  |  |
| 0 | 31 (79.5%) | 32 (97.0%) | 75 (98.7%) | 34 (100%) | 106 (92.2%) | 66 (98.5%) |
| 1 | 8 (20.5%) | 1 (3.0%) | 1 (1.3%) | 0 (0%) | 9 (7.8%) | 1 (1.5%) |
| **hydrocortisone** |  |  |  |  |  |  |
| 0 | 39 (100%) | 33 (100%) | 75 (98.7%) | 31 (91.2%) | 114 (99.1%) | 64 (95.5%) |
| 1 | 0 (0%) | 0 (0%) | 1 (1.3%) | 3 (8.8%) | 1 (0.9%) | 3 (4.5%) |
| **azithromycin** |  |  |  |  |  |  |
| 0 | 36 (92.3%) | 32 (97.0%) | 71 (93.4%) | 34 (100%) | 107 (93.0%) | 66 (98.5%) |
| 1 | 3 (7.7%) | 1 (3.0%) | 5 (6.6%) | 0 (0%) | 8 (7.0%) | 1 (1.5%) |
| **hydroxychloroquine** |  |  |  |  |  |  |
| 0 | 38 (97.4%) | 32 (97.0%) | 69 (90.8%) | 33 (97.1%) | 107 (93.0%) | 65 (97.0%) |
| 1 | 1 (2.6%) | 1 (3.0%) | 7 (9.2%) | 1 (2.9%) | 8 (7.0%) | 2 (3.0%) |
| **regeneron** |  |  |  |  |  |  |
| 0 | 39 (100%) | 33 (100%) | 75 (98.7%) | 33 (97.1%) | 114 (99.1%) | 66 (98.5%) |
| 1 | 0 (0%) | 0 (0%) | 1 (1.3%) | 1 (2.9%) | 1 (0.9%) | 1 (1.5%) |
| **ACEis** |  |  |  |  |  |  |
| 0 | 37 (94.9%) | 25 (75.8%) | 70 (92.1%) | 27 (79.4%) | 107 (93.0%) | 52 (77.6%) |
| 1 | 2 (5.1%) | 8 (24.2%) | 6 (7.9%) | 7 (20.6%) | 8 (7.0%) | 15 (22.4%) |
| **ARBs** |  |  |  |  |  |  |
| 0 | 32 (82.1%) | 27 (81.8%) | 67 (88.2%) | 29 (85.3%) | 99 (86.1%) | 56 (83.6%) |
| 1 | 7 (17.9%) | 6 (18.2%) | 9 (11.8%) | 5 (14.7%) | 16 (13.9%) | 11 (16.4%) |
| **ARNIs** |  |  |  |  |  |  |
| 0 | 37 (94.9%) | 33 (100%) | 76 (100%) | 32 (94.1%) | 113 (98.3%) | 65 (97.0%) |
| 1 | 2 (5.1%) | 0 (0%) | 0 (0%) | 2 (5.9%) | 2 (1.7%) | 2 (3.0%) |
| **Insulin** |  |  |  |  |  |  |
| 0 | 28 (71.8%) | 3 (9.1%) | 64 (84.2%) | 6 (17.6%) | 92 (80.0%) | 9 (13.4%) |
| 1 | 11 (28.2%) | 30 (90.9%) | 12 (15.8%) | 28 (82.4%) | 23 (20.0%) | 58 (86.6%) |
| **Metformin** |  |  |  |  |  |  |
| 0 | 39 (100%) | 28 (84.8%) | 75 (98.7%) | 28 (82.4%) | 114 (99.1%) | 56 (83.6%) |
| 1 | 0 (0%) | 5 (15.2%) | 1 (1.3%) | 6 (17.6%) | 1 (0.9%) | 11 (16.4%) |
| **Glimepiride** |  |  |  |  |  |  |
| 0 | 38 (97.4%) | 30 (90.9%) | 76 (100%) | 31 (91.2%) | 114 (99.1%) | 61 (91.0%) |
| 1 | 1 (2.6%) | 3 (9.1%) | 0 (0%) | 3 (8.8%) | 1 (0.9%) | 6 (9.0%) |
| **Glipizide** |  |  |  |  |  |  |
| 0 | 39 (100%) | 31 (93.9%) | 76 (100%) | 31 (91.2%) | 115 (100%) | 62 (92.5%) |
| 1 | 0 (0%) | 2 (6.1%) | 0 (0%) | 3 (8.8%) | 0 (0%) | 5 (7.5%) |
| **Sitagliptin** |  |  |  |  |  |  |
| 0 | 39 (100%) | 30 (90.9%) | 76 (100%) | 30 (88.2%) | 115 (100%) | 60 (89.6%) |
| 1 | 0 (0%) | 3 (9.1%) | 0 (0%) | 4 (11.8%) | 0 (0%) | 7 (10.4%) |
| **Full Dose Anticoagulation** |  |  |  |  |  |  |
| 0 | 14 (35.9%) | 6 (18.2%) | 15 (19.7%) | 5 (14.7%) | 29 (25.2%) | 11 (16.4%) |
| 1 | 25 (64.1%) | 27 (81.8%) | 41 (53.9%) | 18 (52.9%) | 66 (57.4%) | 45 (67.2%) |
| 2 | 0 (0%) | 0 (0%) | 20 (26.3%) | 11 (32.4%) | 20 (17.4%) | 11 (16.4%) |
| **Prophylactic Anticoagulation** |  |  |  |  |  |  |
| 0 | 21 (53.8%) | 16 (48.5%) | 66 (86.8%) | 28 (82.4%) | 87 (75.7%) | 44 (65.7%) |
| 1 | 18 (46.2%) | 17 (51.5%) | 10 (13.2%) | 6 (17.6%) | 28 (24.3%) | 23 (34.3%) |
| **HbA1c** |  |  |  |  |  |  |
| Mean (SD) | 5.98 (0.911) | 8.85 (2.57) | 6.21 (0.586) | 8.48 (2.48) | 6.08 (0.779) | 8.66 (2.50) |
| Median [Min, Max] | 5.60 [4.80, 8.80] | 8.50 [5.40, 13.1] | 6.30 [5.50, 7.50] | 7.80 [6.00, 14.3] | 5.90 [4.80, 8.80] | 7.95 [5.40, 14.3] |
| Missing | 22 (56.4%) | 14 (42.4%) | 62 (81.6%) | 15 (44.1%) | 84 (73.0%) | 29 (43.3%) |
| **Vit\_D\_level** |  |  |  |  |  |  |
| Mean (SD) | NA (NA) | 21.6 (6.94) | 83.1 (13.5) | 66.2 (73.5) | 83.1 (13.5) | 48.3 (57.5) |
| Median [Min, Max] | NA [NA, NA] | 21.6 [16.7, 26.5] | 88.0 [63.5, 93.0] | 36.0 [12.6, 150] | 88.0 [63.5, 93.0] | 26.5 [12.6, 150] |
| Missing | 39 (100%) | 31 (93.9%) | 72 (94.7%) | 31 (91.2%) | 111 (96.5%) | 62 (92.5%) |
| **ALT** |  |  |  |  |  |  |
| Mean (SD) | 22.6 (10.6) | 23.3 (31.7) | 46.7 (49.6) | 73.7 (165) | 38.8 (42.5) | 48.9 (121) |
| Median [Min, Max] | 20.0 [8.00, 49.0] | 15.0 [7.00, 186] | 31.0 [8.00, 286] | 29.0 [8.00, 915] | 27.0 [8.00, 286] | 22.0 [7.00, 915] |
| Missing | 3 (7.7%) | 1 (3.0%) | 3 (3.9%) | 1 (2.9%) | 6 (5.2%) | 2 (3.0%) |
| **AST** |  |  |  |  |  |  |
| Mean (SD) | 26.3 (20.8) | 22.5 (22.0) | 55.0 (53.7) | 96.6 (241) | 45.3 (47.2) | 60.1 (175) |
| Median [Min, Max] | 19.5 [11.0, 118] | 16.5 [9.00, 134] | 39.0 [11.0, 325] | 36.0 [14.0, 1350] | 32.5 [11.0, 325] | 26.0 [9.00, 1350] |
| Missing | 1 (2.6%) | 1 (3.0%) | 2 (2.6%) | 1 (2.9%) | 3 (2.6%) | 2 (3.0%) |
| **hs-CRP** |  |  |  |  |  |  |
| Mean (SD) | 0.0400 (NA) | NA (NA) | 9.00 (7.31) | 9.14 (7.68) | 8.44 (7.41) | 9.14 (7.68) |
| Median [Min, Max] | 0.0400 [0.0400, 0.0400] | NA [NA, NA] | 10.1 [0.118, 23.3] | 7.75 [1.55, 25.0] | 8.23 [0.0400, 23.3] | 7.75 [1.55, 25.0] |
| Missing | 38 (97.4%) | 33 (100%) | 61 (80.3%) | 26 (76.5%) | 99 (86.1%) | 59 (88.1%) |
| **CRP** |  |  |  |  |  |  |
| Mean (SD) | 2.45 (2.82) | 14.5 (9.31) | 9.49 (10.2) | 5.15 (3.27) | 7.73 (9.35) | 9.30 (7.88) |
| Median [Min, Max] | 1.63 [0.0300, 6.52] | 14.8 [2.79, 25.5] | 5.73 [0.300, 33.1] | 5.53 [0.590, 8.74] | 3.87 [0.0300, 33.1] | 7.54 [0.590, 25.5] |
| Missing | 35 (89.7%) | 29 (87.9%) | 64 (84.2%) | 29 (85.3%) | 99 (86.1%) | 58 (86.6%) |
| **Fibrinogen** |  |  |  |  |  |  |
| Mean (SD) | 357 (267) | 986 (NA) | 539 (156) | 539 (113) | 532 (161) | 561 (147) |
| Median [Min, Max] | 357 [168, 546] | 986 [986, 986] | 509 [269, 887] | 567 [218, 697] | 509 [168, 887] | 574 [218, 986] |
| Missing | 37 (94.9%) | 32 (97.0%) | 29 (38.2%) | 14 (41.2%) | 66 (57.4%) | 46 (68.7%) |
| **D-Dimer** |  |  |  |  |  |  |
| Mean (SD) | 1260 (1380) | 1270 (1160) | 436 (962) | 722 (959) | 529 (1040) | 777 (973) |
| Median [Min, Max] | 662 [322, 4350] | 1010 [267, 2540] | 17.6 [0.320, 7290] | 559 [0.210, 4330] | 322 [0.320, 7290] | 577 [0.210, 4330] |
| Missing | 31 (79.5%) | 30 (90.9%) | 13 (17.1%) | 7 (20.6%) | 44 (38.3%) | 37 (55.2%) |
| **ESR** |  |  |  |  |  |  |
| Mean (SD) | 25.5 (27.4) | 50.3 (29.4) | 27.7 (21.3) | 43.6 (34.8) | 27.3 (21.8) | 45.8 (32.4) |
| Median [Min, Max] | 19.5 [3.00, 60.0] | 44.5 [22.0, 101] | 24.0 [1.00, 80.0] | 31.5 [1.00, 115] | 24.0 [1.00, 80.0] | 37.0 [1.00, 115] |
| Missing | 35 (89.7%) | 27 (81.8%) | 57 (75.0%) | 22 (64.7%) | 92 (80.0%) | 49 (73.1%) |
| **Ferritin** |  |  |  |  |  |  |
| Mean (SD) | 214 (234) | 691 (928) | 1020 (1190) | 1490 (2890) | 967 (1170) | 1310 (2600) |
| Median [Min, Max] | 169 [27.0, 607] | 283 [16.1, 2880] | 541 [18.7, 5750] | 305 [116, 12700] | 516 [18.7, 5750] | 297 [16.1, 12700] |
| Missing | 34 (87.2%) | 24 (72.7%) | 6 (7.9%) | 2 (5.9%) | 40 (34.8%) | 26 (38.8%) |
| **LDH** |  |  |  |  |  |  |
| Mean (SD) | 485 (404) | 298 (100) | 340 (170) | 326 (160) | 348 (187) | 323 (153) |
| Median [Min, Max] | 325 [209, 1080] | 268 [219, 438] | 293 [148, 890] | 286 [142, 824] | 293 [148, 1080] | 286 [142, 824] |
| Missing | 35 (89.7%) | 29 (87.9%) | 6 (7.9%) | 3 (8.8%) | 41 (35.7%) | 32 (47.8%) |
| **Lactic Acid** |  |  |  |  |  |  |
| Mean (SD) | 1.99 (1.76) | 2.26 (1.77) | 5.86 (21.4) | 9.33 (30.8) | 4.79 (18.2) | 6.30 (23.4) |
| Median [Min, Max] | 1.70 [0.700, 8.50] | 1.65 [1.00, 7.50] | 1.30 [0.700, 118] | 1.60 [0.800, 150] | 1.40 [0.700, 118] | 1.60 [0.800, 150] |
| Missing | 21 (53.8%) | 15 (45.5%) | 29 (38.2%) | 10 (29.4%) | 50 (43.5%) | 25 (37.3%) |
| **PCT** |  |  |  |  |  |  |
| Mean (SD) | 0.944 (2.00) | 3.04 (5.76) | 0.932 (4.02) | 0.430 (0.953) | 0.933 (3.84) | 1.25 (3.46) |
| Median [Min, Max] | 0.157 [0.0340, 5.02] | 0.474 [0.0510, 18.9] | 0.130 [0.0400, 27.7] | 0.160 [0.0300, 4.65] | 0.130 [0.0340, 27.7] | 0.190 [0.0300, 18.9] |
| Missing | 33 (84.6%) | 21 (63.6%) | 27 (35.5%) | 8 (23.5%) | 60 (52.2%) | 29 (43.3%) |
| **Glucose Lvl** |  |  |  |  |  |  |
| Mean (SD) | 122 (34.9) | 226 (107) | 118 (26.1) | 204 (96.2) | 120 (29.3) | 215 (101) |
| Median [Min, Max] | 110 [82.0, 215] | 198 [97.0, 515] | 112 [84.0, 257] | 173 [111, 498] | 112 [82.0, 257] | 189 [97.0, 515] |
| Missing | 0 (0%) | 1 (3.0%) | 1 (1.3%) | 1 (2.9%) | 1 (0.9%) | 2 (3.0%) |
| **Screat** |  |  |  |  |  |  |
| Mean (SD) | 1.15 (0.892) | 1.41 (0.945) | 2.39 (9.78) | 1.96 (3.22) | 1.96 (7.95) | 1.69 (2.39) |
| Median [Min, Max] | 0.843 [0.429, 5.06] | 1.07 [0.484, 3.84] | 0.850 [0.290, 82.0] | 0.860 [0.500, 18.0] | 0.850 [0.290, 82.0] | 0.960 [0.484, 18.0] |
| Missing | 0 (0%) | 1 (3.0%) | 1 (1.3%) | 1 (2.9%) | 1 (0.9%) | 2 (3.0%) |
| **Hyperlipidemia** |  |  |  |  |  |  |
| 0 | 15 (38.5%) | 10 (30.3%) | 53 (69.7%) | 8 (23.5%) | 68 (59.1%) | 18 (26.9%) |
| 1 | 24 (61.5%) | 23 (69.7%) | 23 (30.3%) | 26 (76.5%) | 47 (40.9%) | 49 (73.1%) |
| **# Metabolic Syndrome Criteria** |  |  |  |  |  |  |
| 0 | 11 (28.2%) | 0 (0%) | 22 (28.9%) | 0 (0%) | 33 (28.7%) | 0 (0%) |
| 1 | 6 (15.4%) | 3 (9.1%) | 19 (25.0%) | 2 (5.9%) | 25 (21.7%) | 5 (7.5%) |
| 2 | 22 (56.4%) | 10 (30.3%) | 23 (30.3%) | 3 (8.8%) | 45 (39.1%) | 13 (19.4%) |
| 3 | 0 (0%) | 19 (57.6%) | 9 (11.8%) | 15 (44.1%) | 9 (7.8%) | 34 (50.7%) |
| 4 | 0 (0%) | 1 (3.0%) | 3 (3.9%) | 14 (41.2%) | 3 (2.6%) | 15 (22.4%) |
| **WHO-OSCI D1** |  |  |  |  |  |  |
| 0 | 0 (0%) | 0 (0%) | 2 (2.6%) | 1 (2.9%) | 2 (1.7%) | 1 (1.5%) |
| 1 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 2 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 3 | 0 (0%) | 0 (0%) | 5 (6.6%) | 3 (8.8%) | 5 (4.3%) | 3 (4.5%) |
| 4 | 0 (0%) | 0 (0%) | 16 (21.1%) | 6 (17.6%) | 16 (13.9%) | 6 (9.0%) |
| 5 | 0 (0%) | 0 (0%) | 45 (59.2%) | 19 (55.9%) | 45 (39.1%) | 19 (28.4%) |
| 6 | 0 (0%) | 0 (0%) | 8 (10.5%) | 5 (14.7%) | 8 (7.0%) | 5 (7.5%) |
| 7 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Missing | 39 (100%) | 33 (100%) | 0 (0%) | 0 (0%) | 39 (33.9%) | 33 (49.3%) |
| **WHO-OSCI D3** |  |  |  |  |  |  |
| 0 | 0 (0%) | 0 (0%) | 1 (1.3%) | 1 (2.9%) | 1 (0.9%) | 1 (1.5%) |
| 1 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 2 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 3 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 4 | 0 (0%) | 0 (0%) | 18 (23.7%) | 7 (20.6%) | 18 (15.7%) | 7 (10.4%) |
| 5 | 0 (0%) | 0 (0%) | 31 (40.8%) | 12 (35.3%) | 31 (27.0%) | 12 (17.9%) |
| 6 | 0 (0%) | 0 (0%) | 8 (10.5%) | 7 (20.6%) | 8 (7.0%) | 7 (10.4%) |
| 7 | 0 (0%) | 0 (0%) | 2 (2.6%) | 1 (2.9%) | 2 (1.7%) | 1 (1.5%) |
| Missing | 39 (100%) | 33 (100%) | 16 (21.1%) | 6 (17.6%) | 55 (47.8%) | 39 (58.2%) |
| **WHO-OSCI D7** |  |  |  |  |  |  |
| 0 | 0 (0%) | 0 (0%) | 0 (0%) | 1 (2.9%) | 0 (0%) | 1 (1.5%) |
| 1 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 2 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 3 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 4 | 0 (0%) | 0 (0%) | 4 (5.3%) | 0 (0%) | 4 (3.5%) | 0 (0%) |
| 5 | 0 (0%) | 0 (0%) | 5 (6.6%) | 2 (5.9%) | 5 (4.3%) | 2 (3.0%) |
| 6 | 0 (0%) | 0 (0%) | 9 (11.8%) | 7 (20.6%) | 9 (7.8%) | 7 (10.4%) |
| 7 | 0 (0%) | 0 (0%) | 1 (1.3%) | 1 (2.9%) | 1 (0.9%) | 1 (1.5%) |
| Missing | 39 (100%) | 33 (100%) | 57 (75.0%) | 23 (67.6%) | 96 (83.5%) | 56 (83.6%) |
| **WHO-OSCI D14** |  |  |  |  |  |  |
| 0 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 1 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 2 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 3 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 4 | 0 (0%) | 0 (0%) | 3 (3.9%) | 0 (0%) | 3 (2.6%) | 0 (0%) |
| 5 | 0 (0%) | 0 (0%) | 3 (3.9%) | 0 (0%) | 3 (2.6%) | 0 (0%) |
| 6 | 0 (0%) | 0 (0%) | 1 (1.3%) | 4 (11.8%) | 1 (0.9%) | 4 (6.0%) |
| 7 | 0 (0%) | 0 (0%) | 2 (2.6%) | 1 (2.9%) | 2 (1.7%) | 1 (1.5%) |
| Missing | 39 (100%) | 33 (100%) | 67 (88.2%) | 29 (85.3%) | 106 (92.2%) | 62 (92.5%) |
| **WHO-OSCI D21** |  |  |  |  |  |  |
| 0 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 1 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 2 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 3 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 4 | 0 (0%) | 0 (0%) | 1 (1.3%) | 0 (0%) | 1 (0.9%) | 0 (0%) |
| 5 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 6 | 0 (0%) | 0 (0%) | 2 (2.6%) | 3 (8.8%) | 2 (1.7%) | 3 (4.5%) |
| 7 | 0 (0%) | 0 (0%) | 2 (2.6%) | 1 (2.9%) | 2 (1.7%) | 1 (1.5%) |
| Missing | 39 (100%) | 33 (100%) | 71 (93.4%) | 30 (88.2%) | 110 (95.7%) | 63 (94.0%) |
| **WHO-OSCI D28** |  |  |  |  |  |  |
| 0 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 1 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 2 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 3 | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| 4 | 0 (0%) | 0 (0%) | 0 (0%) | 1 (2.9%) | 0 (0%) | 1 (1.5%) |
| 5 | 0 (0%) | 0 (0%) | 1 (1.3%) | 0 (0%) | 1 (0.9%) | 0 (0%) |
| 6 | 0 (0%) | 0 (0%) | 1 (1.3%) | 1 (2.9%) | 1 (0.9%) | 1 (1.5%) |
| 7 | 0 (0%) | 0 (0%) | 1 (1.3%) | 2 (5.9%) | 1 (0.9%) | 2 (3.0%) |
| Missing | 39 (100%) | 33 (100%) | 73 (96.1%) | 30 (88.2%) | 112 (97.4%) | 63 (94.0%) |
| **WHO-OSCI DISCHARGE** |  |  |  |  |  |  |
| 1 | 0 (0%) | 0 (0%) | 51 (67.1%) | 18 (52.9%) | 51 (44.3%) | 18 (26.9%) |
| 2 | 0 (0%) | 0 (0%) | 19 (25.0%) | 9 (26.5%) | 19 (16.5%) | 9 (13.4%) |
| 4 | 0 (0%) | 0 (0%) | 1 (1.3%) | 2 (5.9%) | 1 (0.9%) | 2 (3.0%) |
| 8 | 0 (0%) | 0 (0%) | 5 (6.6%) | 5 (14.7%) | 5 (4.3%) | 5 (7.5%) |
| Missing | 39 (100%) | 33 (100%) | 0 (0%) | 0 (0%) | 39 (33.9%) | 33 (49.3%) |
| **G-CSF (CSF-3)** |  |  |  |  |  |  |
| Mean (SD) | 1.83 (2.65) | 1.10 (1.28) | 2.17 (2.85) | 1.97 (1.77) | 1.99 (2.73) | 1.44 (1.53) |
| Median [Min, Max] | 1.04 [0, 11.6] | 0.880 [0, 5.04] | 1.19 [0, 10.5] | 1.83 [0, 6.11] | 1.19 [0, 11.6] | 1.04 [0, 6.11] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **GM-CSF** |  |  |  |  |  |  |
| Mean (SD) | 4.38 (15.6) | 1.30 (4.26) | 2.54 (6.67) | 1.12 (2.25) | 3.50 (12.1) | 1.23 (3.59) |
| Median [Min, Max] | 0 [0, 77.1] | 0 [0, 19.1] | 0 [0, 25.7] | 0 [0, 6.59] | 0 [0, 77.1] | 0 [0, 19.1] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IFN alpha** |  |  |  |  |  |  |
| Mean (SD) | 0.0754 (0.236) | 0.0648 (0.156) | 1.28 (2.57) | 0.242 (0.565) | 0.652 (1.88) | 0.133 (0.377) |
| Median [Min, Max] | 0 [0, 1.30] | 0 [0, 0.743] | 0.390 [0, 11.7] | 0.0650 [0, 2.42] | 0 [0, 11.7] | 0 [0, 2.42] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IFN gamma** |  |  |  |  |  |  |
| Mean (SD) | 3.12 (3.63) | 1.98 (1.92) | 1.92 (1.09) | 2.41 (2.55) | 2.54 (2.77) | 2.15 (2.17) |
| Median [Min, Max] | 1.34 [0.290, 14.4] | 1.26 [0.145, 8.51] | 1.89 [0, 4.50] | 1.49 [0.415, 11.6] | 1.71 [0, 14.4] | 1.37 [0.145, 11.6] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-1 beta** |  |  |  |  |  |  |
| Mean (SD) | 0.859 (1.58) | 0.544 (0.935) | 1.18 (1.78) | 0.988 (1.05) | 1.01 (1.67) | 0.716 (0.996) |
| Median [Min, Max] | 0.418 [0, 6.67] | 0 [0, 3.74] | 0.435 [0, 7.66] | 0.720 [0, 3.73] | 0.435 [0, 7.66] | 0.290 [0, 3.74] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-2** |  |  |  |  |  |  |
| Mean (SD) | 1.13 (4.41) | 1.52 (4.12) | 3.18 (8.47) | 1.90 (2.81) | 2.11 (6.70) | 1.67 (3.64) |
| Median [Min, Max] | 0 [0, 26.0] | 0 [0, 19.5] | 0 [0, 35.1] | 0.725 [0, 9.05] | 0 [0, 35.1] | 0 [0, 19.5] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-4** |  |  |  |  |  |  |
| Mean (SD) | 7.61 (9.95) | 7.10 (9.53) | 13.1 (9.06) | 13.5 (10.1) | 10.3 (9.87) | 9.58 (10.1) |
| Median [Min, Max] | 4.40 [0, 54.2] | 4.24 [0.415, 48.5] | 9.64 [0, 41.0] | 9.82 [0.365, 34.1] | 7.54 [0, 54.2] | 6.24 [0.365, 48.5] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-5** |  |  |  |  |  |  |
| Mean (SD) | 0.599 (0.850) | 0.962 (1.69) | 2.54 (4.85) | 1.99 (1.79) | 1.53 (3.52) | 1.36 (1.78) |
| Median [Min, Max] | 0.113 [0, 2.81] | 0 [0, 6.64] | 0.680 [0, 18.1] | 1.50 [0, 6.88] | 0.460 [0, 18.1] | 0.490 [0, 6.88] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-6** |  |  |  |  |  |  |
| Mean (SD) | 9.27 (14.8) | 11.9 (19.4) | 9.02 (9.85) | 72.4 (245) | 9.15 (12.6) | 35.4 (154) |
| Median [Min, Max] | 1.75 [0, 59.9] | 3.61 [0, 86.2] | 5.28 [0, 27.5] | 3.32 [0, 1070] | 2.88 [0, 59.9] | 3.52 [0, 1070] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-8 (CXCL8)** |  |  |  |  |  |  |
| Mean (SD) | 3.16 (6.64) | 2.26 (2.24) | 1.33 (1.17) | 4.08 (10.3) | 2.28 (4.92) | 2.96 (6.61) |
| Median [Min, Max] | 0.600 [0, 30.9] | 1.47 [0, 9.57] | 1.04 [0, 4.23] | 0.940 [0, 45.8] | 0.930 [0, 30.9] | 1.31 [0, 45.8] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-10** |  |  |  |  |  |  |
| Mean (SD) | 0.204 (0.495) | 0.985 (4.02) | 0.751 (1.32) | 0.768 (2.07) | 0.466 (1.01) | 0.901 (3.37) |
| Median [Min, Max] | 0 [0, 2.38] | 0 [0, 22.0] | 0.420 [0, 7.04] | 0.0750 [0, 9.13] | 0 [0, 7.04] | 0 [0, 22.0] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-12p70** |  |  |  |  |  |  |
| Mean (SD) | 1.97 (4.09) | 0.952 (1.41) | 1.32 (1.98) | 1.15 (1.28) | 1.66 (3.25) | 1.03 (1.35) |
| Median [Min, Max] | 0.738 [0, 17.5] | 0.233 [0, 5.84] | 0.485 [0, 8.14] | 0.695 [0, 4.69] | 0.730 [0, 17.5] | 0.540 [0, 5.84] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-13** |  |  |  |  |  |  |
| Mean (SD) | 4.33 (10.5) | 1.44 (3.89) | 1.45 (3.06) | 0.538 (0.951) | 2.95 (7.96) | 1.09 (3.11) |
| Median [Min, Max] | 0 [0, 48.9] | 0 [0, 19.7] | 0 [0, 12.0] | 0.150 [0, 3.58] | 0 [0, 48.9] | 0 [0, 19.7] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-17A (CTLA-8)** |  |  |  |  |  |  |
| Mean (SD) | 0.913 (2.84) | 0.597 (0.916) | 1.23 (2.42) | 0.871 (1.01) | 1.06 (2.63) | 0.703 (0.951) |
| Median [Min, Max] | 0.135 [0, 17.3] | 0.190 [0, 3.90] | 0.350 [0, 13.2] | 0.520 [0, 3.51] | 0.345 [0, 17.3] | 0.390 [0, 3.90] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IL-18** |  |  |  |  |  |  |
| Mean (SD) | 103 (118) | 83.3 (110) | 58.8 (30.8) | 83.1 (122) | 81.7 (89.9) | 83.2 (114) |
| Median [Min, Max] | 51.4 [11.9, 533] | 54.8 [14.1, 619] | 55.8 [0, 128] | 42.5 [18.8, 551] | 54.0 [0, 533] | 49.6 [14.1, 619] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **IP-10 (CXCL10)** |  |  |  |  |  |  |
| Mean (SD) | 16.4 (20.6) | 18.9 (21.7) | 27.9 (16.5) | 25.6 (19.6) | 21.9 (19.5) | 21.5 (21.0) |
| Median [Min, Max] | 8.80 [1.58, 114] | 13.5 [2.80, 93.0] | 26.1 [0, 66.9] | 19.8 [6.72, 85.6] | 15.4 [0, 114] | 14.4 [2.80, 93.0] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **MCP-1 (CCL2)** |  |  |  |  |  |  |
| Mean (SD) | 35.6 (30.1) | 29.5 (21.8) | 36.3 (27.0) | 43.8 (46.8) | 36.0 (28.5) | 35.1 (34.0) |
| Median [Min, Max] | 25.2 [1.72, 110] | 20.2 [5.00, 106] | 22.0 [0, 90.8] | 33.4 [4.71, 200] | 25.1 [0, 110] | 22.0 [4.71, 200] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **MIP-1 alpha (CCL3)** |  |  |  |  |  |  |
| Mean (SD) | 0.912 (1.45) | 0.792 (1.35) | 0.881 (1.79) | 1.19 (3.12) | 0.897 (1.61) | 0.948 (2.19) |
| Median [Min, Max] | 0.0225 [0, 4.96] | 0.205 [0, 5.67] | 0.0150 [0, 6.68] | 0.0200 [0, 11.2] | 0.0150 [0, 6.68] | 0.0800 [0, 11.2] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **MIP-1 beta (CCL4)** |  |  |  |  |  |  |
| Mean (SD) | 10.8 (16.4) | 8.05 (13.7) | 18.3 (21.5) | 10.6 (16.8) | 14.4 (19.2) | 9.05 (14.9) |
| Median [Min, Max] | 3.83 [0, 70.1] | 2.59 [0, 67.1] | 6.56 [0, 69.0] | 2.51 [0, 51.6] | 4.56 [0, 70.1] | 2.51 [0, 67.1] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **TNF alpha** |  |  |  |  |  |  |
| Mean (SD) | 1.34 (1.51) | 1.03 (0.945) | 1.40 (1.30) | 2.00 (2.04) | 1.37 (1.40) | 1.40 (1.52) |
| Median [Min, Max] | 0.865 [0, 8.60] | 0.680 [0, 3.61] | 0.945 [0, 4.99] | 1.18 [0.470, 9.01] | 0.890 [0, 8.60] | 1.06 [0, 9.01] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **TNF beta** |  |  |  |  |  |  |
| Mean (SD) | 0.617 (1.81) | 0.242 (0.729) | 0.900 (2.16) | 0.200 (0.404) | 0.753 (1.98) | 0.225 (0.618) |
| Median [Min, Max] | 0 [0, 9.98] | 0 [0, 3.34] | 0 [0, 10.0] | 0 [0, 1.40] | 0 [0, 10.0] | 0 [0, 3.34] |
| Missing | 1 (2.6%) | 3 (9.1%) | 41 (53.9%) | 15 (44.1%) | 42 (36.5%) | 18 (26.9%) |
| **Still\_In\_Hospital\_08182023** |  |  |  |  |  |  |
| Yes | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| No | 39 (100%) | 33 (100%) | 76 (100%) | 34 (100%) | 115 (100%) | 67 (100%) |

Table 1: patients’ baseline characteristics including demographics, vaccination information, comorbidities, medications, lab work, clinical scores and ELISA protein concentration by being diagnosed with COVID-19 and having any type of diabetes mellites (DM).