Table 1: Values of various parameters studied in the VD group before and after treatment.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Pre (n=44)** | | **Post (n=44)** | | **Pre vs Post** | |
| **Mean ± SD or Median (IQR)** | **95% CI of**  **Mean / Median** | **Mean ± SD or Median (IQR)** | **95% CI of**  **Mean / Median** | **t or z statistic** | **p value** |
| **Vit.D (ng/ml)** | 16 ± 6# | 14-17\* | 89 ± 32# | 79-99\* | 16 | <0.0001 |
| **CRP**  **(mg/L)** | 81 ± 66# | 61-101\* | 16 ± 42# | 4-29\* | -6 | <0.0001 |
| **LDH**  **(U/L)** | 369 ± 159# | 321-418\* | 274 ± 115# | 240-309\* | -5 | <0.0001 |
| **IL6**  **(pg/ml)** | 15  (5-57) | 9-29 | 3  (0.9-8) | 2-5 | 4 | <0.0001 |
| **Ferritin**  **(ng/ml)** | 431  (190-836) | 262-708 | 334  (154-508) | 203-433 | 4 | 0.0004 |
| **N/L Ratio** | 5  (3-11) | 4-8 | 3  (2-5) | 3-5 | 4 | 0.0003 |
| Vit.D: Vitamin D, CRP: C-Reactive protein, LDH: Lactate Dehydrogenase, Il-6: Interleukin-6, N/L ratio: Neutrophil/Lymphocyte ratio, IQR: Interquartile range, #: Mean ±SD, \*: 95% CI of Mean | | | | | | |

Table 2: Values of various parameters studied in the NVD group before and after treatment~~.~~

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Pre (n=43)** | | **Post (n=43)** | | **Pre vs Post** | |
| **Mean ± SD or Median (IQR)** | **95% CI of Mean / Median** | **Mean ± SD or Median (IQR)** | **95% CI of**  **Mean / Median** | **t or z statistic** | **p value** |
| **Vit.D (ng/ml)** | 17 ±6# | 15-19\* | 16 ± 7# | 14-18\* | -1 | 0.5 |
| **CRP**  **(mg/L)** | 11  (3-43) | 5-31 | 5  (1-9) | 2-7 | 3 | 0.008 |
| **LDH**  **(U/L)** | 244  (172-298) | 189-263 | 207  (175-251) | 190-224 | 1 | 0.2 |
| **IL6**  **(pg/ml)** | 3  (1-9) | 1-6 | 4  (1-11) | 1-7 | -0.1 | 0.9 |
| **Ferritin**  **(ng/ml)** | 169  (63-526) | 87-329 | 196  (54-456) | 68-331 | 2 | 0.07 |
| **N/L Ratio** | 3  (2-5) | 2-4 | 2  (2-4) | 2-3 | 0.3 | 0.8 |
| Vit.D: Vitamin D, CRP: C-Reactive protein, LDH: Lactate Dehydrogenase, Il-6: Interleukin-6, N/L ratio: Neutrophil/Lymphocyte ratio, IQR: Interquartile range, #: Mean ± SD, \*: 95% CI of Mean | | | | | | |

Table 3: The values of difference in the inflammatory markers and vitamin D between the two groups (NVD vs VD)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **NVD (n=43)** | | **VD (n=44)** | | **NVD vs VD** | |
| **Difference (Pre –Post)** | **Median**  **(IQR)** | **95% CI of Median** | **Median**  **(IQR)** | **95% CI of Median** | **z statistic** | **p value** |
| **Vit.D (ng/ml)** | -0.1  (-3-5) | -1-3 | -64  (-92-52) | -81-58 | 8 | <0.0001 |
| **CRP**  **(mg/L)** | 5  (-3-39) | -0.003-21 | 51  (10-113) | 30-85 | -4 | 0.0001 |
| **LDH**  **(U/L)** | 15  (-22-60) | -13-40 | 72  (13-168) | 48-133 | 3 | 0.002 |
| **IL6**  **(pg/ml)** | 0.5  (-7- 4) | -4 -1 | 13  (2-46) | 8-25 | -4 | 0.0002 |
| **Ferritin**  **(ng/ml)** | 11  (11-55) | -6-38 | 84  (8-268) | 55-171 | 3 | 0.008 |
| **N/L Ratio** | 0.05  (-1-2) | -0.7-1 | 0.9  (0-5) | 0.3-2 | -3 | 0.009 |
| Vit.D: Vitamin D, CRP: C-Reactive protein, LDH: Lactate Dehydrogenase, Il-6: Interleukin-6,  N/L ratio: Neutrophil/Lymphocyte ratio, IQR: Interquartile range. | | | | | | |

Table 4: Values of various parameters analysed in the eVD sub group before and after treatment.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Pre (n=15)** | | **Post (n=15)** | | **Pre vs Post** | |
| **Mean ± SD or Median (IQR)** | **95% CI of Mean / Median** | **Mean ± SD or Median (IQR)** | **95% CI of**  **Mean / Median** | **t or z statistic** | **p value** |
| **Vit.D (ng/ml)** | 15 ± 5# | 12-18\* | 81 ± 32# | 64-99\* | 8 | <0.0001 |
| **LDH**  **(U/L)** | 385 ± 206# | 271-499\* | 254 ± 84# | 208-300\* | -3 | 0.007 |
| **IL6**  **(pg/ml)** | 33 ± 35# | 14-52\* | 3 ± 4# | 1-5\* | -3 | 0.004 |
| **CRP**  **(mg/L)** | 57  (22-96) | 22-96 | 8  (3-16) | 3-16 | 3 | 0.0003 |
| **Ferritin**  **(ng/ml)** | 207  (126-565) | 126-565 | 186  (94-423) | 94-423 | 13 | 0.005 |
| **N/L Ratio** | 6  (3-13) | 3-12 | 3  (2-4) | 2-4. | 11 | 0.003 |
| Vit.D: Vitamin D, CRP: C-Reactive protein, LDH: Lactate Dehydrogenase, Il-6: Interleukin-6,  N/L ratio: Neutrophil/Lymphocyte ratio, IQR: Interquartile range, #: Mean ± SD, \*: 95% CI of Mean | | | | | | |

Table 5: Values of various parameters analysed in the eNVD sub group before and after treatment.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **Pre (n=15)** | | **Post (n=15)** | | **Pre vs Post** | |
| **Mean ± SD or Median (IQR)** | **95% CI of Mean / Median** | **Mean ± SD or Median (IQR)** | **95% CI of**  **Mean / Median** | **t or z statistic** | **p value** |
| **Vit.D (ng/ml)** | 16 ± 6# | 13-19\* | 17 ± 8# | 12-21\* | 0.2 | 0.8 |
| **LDH**  **(U/L)** | 257 ±106# | 198-316\* | 235 ± 88# | 186-284\* | -0.9 | 0.4 |
| **IL6**  **(pg/ml)** | 4  (2-9) | 2-9 | 1  (0-9) | 0-9 | 49 | 0.6 |
| **CRP**  **(mg/l)** | 8  (2-19) | 2-19 | 5  (2-8) | 2-9 | 42 | 0.3 |
| **Ferritin**  **(ng/ml)** | 147  (65-230) | 65-229 | 189  (51-237) | 51-237 | 51 | 0.6 |
| **N/L Ratio** | 2  (1-3) | 1-3 | 2  (2-5) | 2-5 | 24 | 0.04 |
| Vit.D: Vitamin D, CRP: C-Reactive protein, LDH: Lactate Dehydrogenase, Il-6: Interleukin-6,  N/L ratio: Neutrophil/Lymphocyte ratio, IQR: Interquartile range, #: Mean ± SD, \*: 95% CI of Mean | | | | | | |

Table 6: Values of difference in the inflammatory markers and vitamin D between the sub groups (eNVD vs eVD).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Difference in in variable**  **(Pre-Post)** | **eNVD (n=15)** | | **eVD (n=15)** | | **eNVD vs eVD** | |
| **Mean± SD or Median (IQR)** | **95% CI of Mean / Median** | **Mean± SD or Median (IQR)** | **95% CI of**  **Mean / Median** | **t or z statistic** | **p value** |
| **IL6**  **(pg/ml)** | 3 ± 28# | -13 -18\* | 30 ± 34# | 11- 49\* | 2 | 0.02 |
| **Vit.D**  **(ng/ml)** | -1  (-6-4) | -6 - 4 | -63  (-75-48) | -75 - 48 | 5 | <0.0001 |
| **LDH**  **(U/L)** | -0.6  (-22-64) | -22-63 | 73  (42-204) | 42- 203 | 2 | 0.02 |
| **CRP**  **(mg/L)** | 0.7  (-2.35-12.98) | 2-13 | 39  (17-84) | 17- 84 | 3 | 0.001 |
| **Ferritin**  **(ng/ml)** | 1  (-12-55) | -12-55 | 76  (6-159) | 6- 158 | 2 | 0.07 |
| **N/L Ratio** | -0.5  (-1-0.01) | -1-0.01 | 1.0  (0.07-5) | 0.08-5 | 3 | 0.0006 |
| Vit.D: Vitamin D, CRP: C-Reactive protein, LDH: Lactate Dehydrogenase, Il-6: Interleukin-6,  N/L ratio: Neutrophil/Lymphocyte ratio, IQR: Interquartile range, #: Mean ± SD, \*: 95% CI of Mean | | | | | | |