**Supplementary Table 2. Clinical and laboratory findings at initiation of plasma exchange and evolution after treatment**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Patient 1** | | **Patient 2** | | **Patient 3** | | **Patient 4** | |
| **Days from ICU admission to PE** | 9 | | 8 | | 15 | | 26 | |
| **Indication** | Multiorgan failure | | Multiorgan failure | | Catastrophic antiphospholipid syndrome | | Multiorgan failure | |
| **Number of PE sessions** | 4 | | 2 | | 6 | | 3 | |
|  | **Before PE** | **After PE** | **Before PE** | **After PE** | **Before PE** | **After PE** | **Before PE** | **After PE** |
| **Laboratory and scores** |  | | | | | | | |
| WBC, x109 per L |  | | | | | | | |
| Value | 11.97 | 5.78 | 12.84 | 15.33 | 20.95 | 10.14 | 12.28 | 5.80 |
| Change after PE | -6.19 | | 2.49 | | -10.81 | | -6.48 | |
| Lymphocyte count, x109 per L |  | | | | | | | |
| Value | 2.3 | 1.2 | 0.7 | 0.7 | 1.8 | 3.1 | 0.3 | 0.5 |
| Change after PE | -1.1 | | 0 | | 1.3 | | 0.2 | |
| Platelet count, x109 per L |  | | | | | | | |
| Value | 206 | 231 | 303 | 246 | 462 | 360 | 120 | 30 |
| Change after PE | 25 | | -57 | | -102 | | -90 | |
| INR |  | | | | | | | |
| Value | 1.37 | 1.48 | 1.12 | 1.20 | 1.14 | 1.11 | 1.35 | 1.18 |
| Change after PE | 0.11 | | 0.08 | | -0.03 | | -0.17 | |
| D-dimer, ng/mL |  | | | | | | | |
| Value | 12200 | 3300 | 3900 | 2500 | 13200 | 4000 | 11320 | 4600 |
| Change after PE | -8900 | | -1400 | | -9200 | | -6720 | |
| C reactive protein, mg/dL |  | | | | | | | |
| Value | 0.4 | 0.4 | 9.54 | 2.60 | 10.81 | 0.48 | 0.76 | 0.60 |
| Change after PE | 0 | | -6.94 | | -10.33 | | -0.16 | |
| Procalcitonin, ng/mL |  | | | | | | | |
| Value | 56.27 | 0.82 | 2.12 | 9.77 | 0.11 | 0.04 | 0.25 | 0.19 |
| Change after PE | -55.45 | | 7.65 | | -0.07 | | -0.06 | |
| Creatinine, mg/dL |  |  |  |  |  |  |  |  |
| Value | 3.65 | 1.49 | 4.63 | 3.49 | 0.49 | 0.65 | 2.49 | 1.34 |
| Change after PE | -2.16 | | -1.14 | | 0.16 | | -1.15 | |
| Lactate dehydrogenase, U/L |  |  |  |  |  |  |  |  |
| Value | 453 | 530 | 297 | 247 | 649 | 182 | 895 | 244 |
| Change after PE | 77 | | -50 | | -467 | | -651 | |
| Ferritin, ng/mL |  | | | | | | | |
| Value | 2543 | 411 | 2067 | 627 | 1573 | 577 | 3137 | 394 |
| Change after PE | -2132 | | -1440 | | -996 | | -2743 | |
| Triglyceride, mg/dL |  | | | | | | | |
| Value | 1328 | 269 | 689 | 411 | 126 | 196 | 126 | 61 |
| Change after PE | -1059 | | -278 | | 70 | | -65 | |
| SOFA, points |  | | | | | | | |
| Value | 8 | 2 | 8 | 7 | 3 | 1 | 10 | 8 |
| Change after PE | -6 | | -1 | | -2 | | -2 | |
| APACHE II, points |  | | | | | | | |
| Value | 23 | 11 | 22 | 24 | 11 | 3 | 17 | 10 |
| Change after PE | -12 | | 2 | | -8 | | -7 | |
| **Organ support and clinical outcome** | | | | | | | | |
| Ventilator weaning | Yes | | Yes | | Yes | | Yes | |
| Decannulation | Yes | | Yes | | NA | | Yes | |
| Renal replacement therapy | Not required | | Not required | | Not required | | Not required | |
| ICU discharge | Yes | | Yes | | Yes | | Yes | |
| Hospital discharge | Yes | | Yes | | Yes | | Not yet | |

ICU: intensive care units; PE: plasma exchange; WBC: White blood cell count; INR: international normalized ratio; SOFA: sequential organ failure score; APACHE: Acute physiological and chronic health evaluation