**Additional File 2: Number of tests performed of each variable at different study timepoints**

|  |  |  |
| --- | --- | --- |
|  | CRT-targeted group | Lactate targeted group |
|  | 0 | 6 | 24 | 0 | 6 | 24 |
| Lactate | 21/21 | 21/21 | 20/20 | 21/21 | 21/21 | 19/19 |
| CRT  | 21/21 | 21/21 | 20/20 | 21/21 | 21/21 | 19/19 |
| ScvO2  | 21/21 | 21/21 | 20/20 | 21/21 | 21/21 | 19/19 |
| Delta pCO2(v-a) | 21/21 | 21/21 | 20/20 | 21/21 | 21/21 | 19/19 |
| P(cv-a)CO2/Da-vO2 ratio  | 16/21 | 16/21 | 15/20 | 15/21 | 15/21 | 13/19 |
| L/P ratio | 17/21 | 14/21 | 14/20 | 18/21 | 17/21 | 15/19 |
| StO2  | 21/21 | 21/21 | 21/21 | 20/21 | 20/21 | 19/19 |
| PDR-ICG\* | 10/10 | 10/10 | 10/10 | 10/10 | 10/10 | 8/9 |
| MFI\* | 9/10 | 9/10 | 9/10 | 8/10 | 8/10 | 8/9 |

\* Assessed only at Hospital Clínico UC CHRISTUS

CRT: Capillary refill time; ScvO2: central venous oxygen saturation; Delta pCO2(v-a): difference between central venous carbon dioxide pressure and arterial carbon dioxide pressure; P(cv-a)CO2/Da-vO2 ratio: central venous-arterial pCO2 gradient/ arterial-venous O2 content difference ratio; L/P ratio:lactate-piruvate ratio; StO2: thenar muscle saturation; PDR-ICG: Indocianine greeen plasma disappearance rate; MFI: microcirculatory flow index.