|  |  |  |
| --- | --- | --- |
| Characteristics of all patients included (n=70) | | |
| Age (years), median [min-max] | 3 [0.0- 20] | |
| Weight (kg), median [min-max] | 11.2 [2.1-81.8] | |
| PELOD2, median [min-max] | 6 [0-24] | |
| Main diagnostic category at admission, n (%) | | |
| Post-surgical care | 12 (17.1%) | |
| Post-cardiac surgery care | 7 (10.0%) | |
| Cardiac | 14 (20.0%) | |
| Pulmonary | 10 (14.3%) | |
| Neurologic | 7 (10.0%) | |
| Infectious | 6 (8.6%) | |
| Accidents (Traumatism/Burn/Intoxication) | 5 (7.2%) | |
| Others | 9 (12.9%) | |
| Characteristics of the data studied (n=4645) | | |
|  | **n (%)** | **Total recording time (s)** |
| **Monitors’ data** | 3703 (79.7%) |  |
| Heart rate (bpm) | 1104 (23.8%) | 10202 |
| Respiratory rate (bpm) | 1079 (23.2%) | 10281 |
| Pulse oxymetry (%) | 975 (21.0%) | 9907 |
| Pulse (bpm) | 316 (6.8%) | 2839 |
| Expiratory tidal CO2 (mmHg) | 12 (0.3%) | 131 |
| Systolic blood pressure (mmHg) | 54 (1.2%) | 529 |
| Diastolic blood pressure (mmHg) | 54 (1.2%) | 529 |
| Mean blood pressure (mmHg) | 66 (1.4%) | 527 |
| Central Venous pressure (mmHg) | 43 (0.9%) | 224 |
| **Ventilators’ data** | 670 (14.4%) |  |
| Positive end expiratory pressure (cmH2O) | 134 (2.9%) | 4230 |
| Positive inspiratory pressure (cmH2O) | 134 (2.9%) | 4230 |
| Measured respiratory rate (bpm) | 134 (2.9%) | 4230 |
| Measured expiratory Tidal Volume (ml) | 134 (2.9%) | 4230 |
| Minute ventilation (L/min) | 134 (2.9%) | 4230 |
| **Infusion pumps** |  |  |
| Flow (ml/h) | 272 (5.9%) | 272 |

Table 1: Patients’ characteristics