

**Supplemental Digital Content 5.** Distribution of non-classical monocytes during PICU stay in all patients (n=37); b) in patients admitted for sepsis (n=12); c) in post-surgery patients (n=11); and d) in trauma patients (n=10). The percentage of non-classical monocytes was significantly lower in patients compared to controls. a-d: Horizontal line indicates the median value, box represents IQR, and the whiskers represent 95% CI. \*p-value<0.05, \*\*p-value≤0.01, \*\*\*p-value≤0.001. X-axis 1, 2, 3, 4 represent admission, day 2, day 3, day 4, respectively.

