

## **Figure, Supplemental Digital Content 7: Plasma Cytokines in the Subset of Sepsis Patients**

### **Not Treated with Corticosteroids With versus Without Immunoparalysis or Low**

#### **Mitochondrial Respiration**

(A) Interleukin (IL)-8, IL-10, and monocyte chemoattractant protein (MCP)-1 were higher in non-corticosteroid-exposed sepsis patients with *ex vivo* lipopolysaccharide (LPS)-stimulated whole blood TNF- $\alpha$   $\leq 200$  pg/mL (pink bar) versus  $>200$  pg/mL (blue bar) at T1. Tumor necrosis factor (TNF)- $\alpha$  was not different between groups. (B) None of the cytokines were different between non-corticosteroid-exposed sepsis patients with monocyte HLA-DR  $\leq 30\%$  versus  $>30\%$  at T1. (C) Only MCP-1 was higher in non-corticosteroid-exposed sepsis patients with mitochondrial spare respiratory capacity (SRC)  $\leq 25^{\text{th}}$  percentile (pink bar) versus  $>25^{\text{th}}$  percentile (blue bar) of control values at T1. Data are presented using a logarithmic scale in box plot analysis with the central line indicating the median and boxes indicating the interquartile range. \* $p < 0.05$  \*\* $p < 0.01$  \*\*\* $p < 0.001$  after Bonferroni correction for multiple comparisons

