

**Supplementary Table 2. Diagnostic accuracy of predictive indexes for HFNC failure at 12 hours after treatment in patient with diagnosis of pneumonia**

Predictors	Cutoff value at 12 hr	Sensitivity	Specificity	NPV	PPV
SF ratio	≤166	70%	85.7%	90.9	58.3
pROX index	<132	70%	82.9%	90.6	53.8
CRS	≥6	80%	97.1%	94.4	88.9

NPV, negative predictive value; PPV, positive predictive value; SF, oxygen saturation to fraction of inspired oxygen ratio; pROX, pediatric respiratory rate-oxygenation index; CRS, clinical respiratory score.