**Supporting Information** (Byeong-Ho Jeong et al.)

**Table S2. Criteria for spontaneous breathing trial (SBT) failure.**

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| --- | --- |
| Clinical assessment | Agitation and anxietyDepressed mental statusDiaphoresisCyanosisEvidence of increasing effortIncreased accessory muscle activityFacial signs of distressDyspnea  |
| Objective measurements | PaO2 <60 mmHg or SaO2 <90% on FiO2 ≥0.4 PaCO2 >45 mmHg or an increase in ≥20% from pre-SBT and pH <7.32 and a decrease in pH ≥0.07 RR >35/min or increased by ≥50%HR >140/min or increased by ≥20%SBP >180 mmHg or increased by ≥20%SBP <90 mmHgCardiac arrhythmias |

PaO2, arterial oxygen tension; SaO2, arterial oxygen saturation; FiO2, inspiratory oxygen fraction; PaCO2, arterial carbon dioxide tension; SBT, spontaneous breathing trial; RR, respiration rate; HR, heart rate; SBP, systolic blood pressure.