

**Supplementary Table 1.** Characteristics of the rapid response system

Rapid response system	
Implementation date	Oct 12
Activation system	Screening and/or calling (1) Screening and call: general ward (2) Only call: intermediate unit
Operating time	07:00–22:00 on weekdays 07:00–12:00 on Saturday
Team member	14 Multidisciplinary physicians 4 Nurses in the critical care department
Activating criteria	Systolic blood pressure <90 mm Hg Heart rate <50/min or >140/min Respiration rate <10/min or >30/min Body temperature <36°C or >39°C SpO <sub>2</sub> <90% Arterial blood pH <7.25 Arterial PaCO <sub>2</sub> >50 mm Hg Arterial PaO <sub>2</sub> <55 mm Hg Serum lactic acid >4 mmol/L Serum TCO <sub>2</sub> <15 mmol/L

SpO<sub>2</sub>: oxygen saturation measured by pulse oximetry; PaCO<sub>2</sub>: arterial partial pressure of carbon dioxide; PaO<sub>2</sub>: arterial partial pressure of oxygen; TCO<sub>2</sub>: total carbon dioxide.