

Table S1. Components and scores of the A-DROP, NEWS2, and REMS

A-DROP (0-5)	NEWS2 (0-20)	REMS (0-26)
Age (0-1) male <70 years or female <75 years (0), male ≥70 years or female ≥75 years (1)	HR (0-3) 51-90/min (0), 41-50 or 90- 110/min (1), 111-130/min (2), ≤40 or >131/min (3)	HR (0-4) 70-109/min (0), 55-69/min or 110-139/min (2), 40-54/min or 140-179/min (3), ≤ 39/min or ≥ 179/min (4)
Dehydration (0-1) BUN ≤210 mg/L (0), BUN >210 mg/L (1)	RR (0-3) 12-20/min (0), 9-11/min (1), 21-24/min (2), ≤8 or ≥25/min (3)	RR (0-4) 12-24/min (0), 10-11/min or 25-34/min (1), 6-9/min (2), 35-49/min (3), ≤5/min or >49/min (4)
Respiratory failure (0-1) SaO ₂ >90% or PaO ₂ >60 mmHg (0), SaO ₂ ≤90% or PaO ₂ ≤60 mmHg (1)	Body temperature (0-3) 36.1-38°C (0), 35.1-36 or 38.1-39°C (1), >39.1°C (2), ≤35 °C (3)	Age (0-6) <45 years (0), 45-54 years (2), 55-64 years (3), 65-74 years (5), >74 years (6)
Orientation disturbance (confusion) (0-1) No (0), Yes (1)	SBP (0-3) 111-219 mmHg (0), 101-110 mmHg (1), 91-100 mmHg (2), ≤90 or ≥220 mmHg (3)	MAP (0-4) 70-109 mmHg (0), 50-69 mmHg or 110-129 mmHg (2), 130-159 mmHg (3), ≤ 49 mmHg. or >159 mmHg (4)
SBP (0-1) >90 mmHg (0), ≤90 mmHg (1)	Neurological (0-3) Alert (0), reacting to voice or reacting to pain or unresponsive (3)	Glasgow coma score (0-4) 14 or 15 (0), 11-13 (1), 8-10 (2), 5-7 (3), 3 or 4 (4)
	Oxygen saturation (0-3) ≥96% (0), 94-95% (1), 92- 93% (2), ≤91% (3)	Oxygen saturation (0-4) >89% (0), 86-89% (1), 75- 85% (3), <75% (4)
	Oxygen supplement (0-2) No (0), Yes (2)	

Abbreviations: BUN, blood urea nitrogen; SaO₂, oxygen saturation of arterial blood; PaO₂, partial pressure of oxygen in the arterial blood; SBP, systolic blood pressure; NEWS, national early warning score; HR, heart rate; RR, respiratory rate; REMS, rapid emergency medicine score; MAP, mean arterial pressure