

Supplementary 2 Sepsis screening tool

1. quick Sequential organ failure assessment (qSOFA) score ≥ 2

- Hypotension, Systolic BP ≤ 100 mmHg
- Alteration of consciousness
- Tachypnea ≥ 22 breath/minute

2. SOFA Score: Sequential organ failure assessment score ≥ 2

	0	1	2	3	4
PaO ₂ /Fio ₂ Ratio, mmHg	≥ 400	< 400	< 300	< 200	< 100
Platelets, $\times 10^3$	≥ 150	< 150	< 100	< 50	< 20
Bilirubin, mg/dl	< 1.2	1.2-1.9	2.0-5.9	6.0-11.9	> 12.0
Cardiovascular (catecholamine Ug/kg/min)	MAP ≥ 70 mmHg	MAP < 70 mmHg	Dopamine < 5 or Dobutamine any dose	Dopamine 5.1-15 or epinephrine ≤ 0.1 or norepinephrine < 0.1	Dopamine > 15 or epinephrine > 0.1 or norepinephrine > 0.1
Glasgow Coma Scale	15	13-14	10-12	6-9	< 6
Creatinine, mg/dl	< 1.2	1.2-1.9	1.9-3.4	3.4-5.0	> 5.0
Urine output, ml/day				< 500	< 200

3. Ramathibodi early warning score (REWs) clinical parameters and rubric scale for each parameter.

REWS						
Score	RR	SpO2	Temperature	SBP	HR	Mental status
3	≤10	≤84	≤33.9	≤89	≤39	
2		85-89	34-34.9			
1		90-92	35-35.9	90-99	40-49	
0	11-20	≥93	36-37.9	100-199	50-99	Alert
1	21-30		38-38.9		100-109	Response to voice
2	31-35		≥39.0	≥200	110-129	Response to pain
3	≥36				≥130	Unresponsive