

ORDIT study: Guide to SOFA scoring

Record the worst value for each organ system every 24H, then allocate a score according to the table below:

Divide worst PaO₂ in 24H (or oxygen saturations in a non-ventilated patient) with the corresponding FiO₂, then score according to result

If intubated and sedated, use first ever recorded GCS daily until patient awake and GCS can be assessed. Score according to worst GCS

Record LOWEST platelets then score, and HIGHEST bilirubin and creatinine then score for each

Organ system	Score 0	Score 1	Score 2	Score 3	Score 4
Respiratory PaO ₂ divided by FiO ₂ (P/F ratio)	>53.3	40-53.3	<40	<25.7	<13.3
Cardiovascular	MAP ≥70	MAP < 70 no inotropes or vasopressors	Dopamine <5.0 or Dobutamine any dose	Dopamine 5-14 or Norad ≤0.1	Dopamine ≥ 15 or Norad >0.1
Glasgow coma score	15	13-14	10-12	6-9	<6
Platelets	>150	101-150	51-100	21-50	≤20
Bilirubin	0-19	20-32	33-101	102-204	>204
Creatinine	<110	110-70	171-299	300-440	>440

For cardiovascular: if the patient is on inotropes, score the highest dose in the 24H period (scores 2, 3 or 4 depending on dose). If not on inotropes, is the MAP <70? score 1 or if 70 or above? score zero

If a value has not been recorded in a 24 hour period, please leave the field blank on the CRF

SpO2 (%) to PaO2 (KPa) approximate conversions

SpO2 (%)	PaO2 (KPa)
100	13.5
99	13
98	12.5
97	12
96	11.5
95	11
94	10.5
93	10
92	9.5
91	9
90	8.5
89	8
88	7.5
87	7
86	6.5
85	6
84	5.5
83	5
82	4.5
81	4
80	3.5