

## INDICATION

Estimates mortality in ITU patients using predominantly clinical components rather than biochemical results

## ADDITIONAL INFORMATION

| O <sub>2</sub> DELIVERY  | FLOW RATE | F <sub>i</sub> O <sub>2</sub> |
|--|-----------|-------------------------------|
| Nasal cannula:<br>~4% F <sub>i</sub> O <sub>2</sub> added<br>above room air<br>(21%) per 1 L/min | 1         | 25%                           |
|  | 2         | 29%                           |
|  | 3         | 33%                           |
|  | 4         | 37%                           |
|  | 5         | 41%                           |
|  | 6         | 45%                           |
| Simple face mask   | ~6-12     | 35-60%                        |
| Non-rebreather<br>mask   | 10-15     | ~70-90%                       |
| High-flow nasal<br>cannula   | Up to 60  | 30-100%                       |

## INTERPRETATION

| SCORE | 30-DAY MORTALITY |
|-------|------------------|
| 0-7   | 4%               |
| 8-11  | 31%              |
| >11   | 58%              |

## CALCULATION

**Total score = sum of scores for each question**

| QUESTION   | POINTS  |
|--|---|
| SpO <sub>2</sub> /F <sub>i</sub> O <sub>2</sub> (see addition info for F <sub>i</sub> O <sub>2</sub> ) | ≥401  |
|  | 316-400   |
|  | 236-315   |
|  | 151-235   |
|  | ≤150  |
| Scleral icterus / Jaundice present   | Yes   |
|  | No  |
| Hypotension: MAP or vasopressor agent mcg/kg/min   | No hypotension                                      |
|  | MAP <70 mmHg  |
|  | Dopamine ≤5 or Dobutamine (any dose)                |
|  | Dopamine >5 / Adrenaline ≤0.1 / Noradrenaline ≤0.1  |
|  | Dopamine >15 / Adrenaline >0.1 / Noradrenaline >0.1 |
| GCS: best in 24 hour period  | 15  |
|  | 13-14   |
|  | 10-12   |
|  | 6-9   |
|  | ≤5  |
| Creatinine   | <106µmol/L / <1.2mg/dL                              |
|  | 106-168µmol/L / 1.2-1.9mg/dL                        |
|  | 169-300µmol/L / 2.0-3.4mg/dL                        |
|  | 301-433µmol/L / 3.5-4.9mg/dL                        |
|  | ≥434µmol/L / ≥5mg/dL                                |