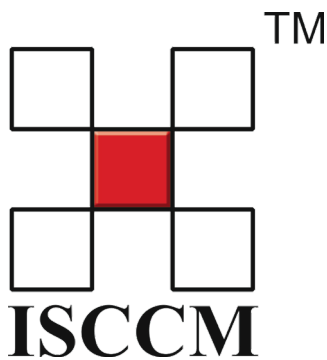


**Salt based Or baLanced solUtion.
Trends Existing in Indian intensive
care units. A multicenter prospective
observational cohort study (SOLUTE
study)**

An ISCCM Research Project



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APPENDIX

List of Abbreviations

AKI Acute Kidney Injury

APACHE II Acute Physiology And Chronic Health Evaluation II

BE Base excess

5% D 5% Dextrose

Hb Hemoglobin

HCO₃ Bicarbonate

ICU Intensive Care Unit

KDIGO Kidney Disease Improving Global Outcomes

LOS Length of Stay

NS Normal Saline

pCO₂ Partial pressure of carbon dioxide

pO₂ Partial pressure of oxygen

RIFLE Risk, Injury, Failure, Loss, End stage

RRT Renal Replacement Therapy

SOFA Sequential Organ Failure Assessment

TPN Total Parenteral Nutrition

Definitions

Bolus fluid: Fluid more than 5ml/kg/hr administered within one hour

Maintenance fluid: Fluid which is given continuously to meet the daily fluid requirement

Replacement fluid: Fluid which is given for replacement of losses like drain losses, gastric tube losses or given as dilution for antibiotics and other medications

APACHE II SCORE

The score is calculated from patient's age and 12 routine physiological measurements with the score ranging from 0 to 71:

1. PaO₂ (depending on FiO₂)
2. Rectal Temperature
3. Mean arterial pressure
4. pH arterial
5. Heart Rate
6. Respiratory rate
7. Sodium
8. Potassium
9. Creatinine
10. Hematocrit
11. White blood cell
12. Glasgow coma scale

SOFA SCORE

SOFA Score	1	2	3	4
Respiration PaO ₂ /FiO ₂ , mm Hg	< 400	< 300	< 200, with respiratory support	< 100, with respiratory support
Coagulation Platelets x 10 ³ /mm ³	< 150	< 100	< 50	< 20
Liver Bilirubin, mg/dl (umol/l)	1.2 – 1.9 (20 – 32)	2.0 – 5.9 (33 – 101)	6.0 – 11.9 (102 – 204)	> 12.0 (< 204)
Cardiovascular Hypotension	MAP < 70mm Hg	Dopamine ≤ 5 or Dobutamine (any dose) ^a	Doapmine > 5 or Epinephrine ≤ 0.1 or Norepinephrine ≤ 0.1	Dopamine > 15 or Epinephrine > 0.1 or Norepinephrine > 0.1
Central nervous system Glasgow coma score	13 – 14	10 – 12	6 – 9	< 6
Renal Creatinine, mg/dl (umol/l) or urine output	1.2 – 1.9 (110 – 170)	2.0 – 3.4 (171 – 299)	3.5 – 4.9 (300 – 440) or < 500 ml/day	> 5.0 (> 440) or < 200 ml/day

^a Adrenergic agents administered for at least 1 h (doses given are in ug/kg/min)