Stage 1 for all comatose brain-injured patients
- Sedation (intravenous)
- Mechanical ventilation to ensure normocapnia, prevent hypoxemia
- Body temperature control (36-37°C)
- Normoglycemia

Intracranial hypertension

Not treated with Continuous Hyperosmolar Therapy
Stage 2
- Boluses of hyperosmolar therapy: Mannitol 0.25 to 1 mg/kg of body weight
- Or hypertonic saline solution, 250 mOsm dose (blood osmolality < 320 mmol/L)

Treated with Continuous Hyperosmolar Therapy
Stage 2
- CHT with NaCl20% (1-hr bolus followed by a continuous infusion)
  +/- Boluses of hyperosmolar therapy (blood osmolality < 340 mmol/L)

Continued Stages 1 and 2 as required

Stage 3 options for the treatment of refractory ICH (if required)
- Barbiturate therapy
- Therapeutic hypothermia (32-35°C)
- Moderate hypocapnia (32-36 mmHg)
- Decompressive Craniectomy