

Pre retrieval bundle for traumatic brain injury

Aim for 100% compliance within two hours of diagnosis

- C-Spine immobilisation even if radiology is normal
- If GCS <9 or fluctuating conscious level intubate and ventilate
- Treat Hypotension with fluids and inotropes
Use 0.9% saline at 100% maintenance, keep Na>140mmoll
Deliver an initial minimum of 20 ml/kg of crystalloid or an equivalent
Goal directed targets of HR, MAP, CRT, urine output.
Apply inotropes if no response to initial boluses, discuss with PICU
- Secure Airway
 - OG tube,
 - X-ray check of ET tube,
 - end-tidal CO2 monitoring
- Protective Ventilation Strategy

Keep CO2 4.5-5 kPa
Tidal volume 6-8ml.Kg
PEEP >3cm H2O
FiO2 to achieve SaO2 >94% along with best PEEP
- CT head under GA, refer to neurosurgeons and PICU