NORMAL SALINE

(Revised: November 2020)

TYPE:	Isotonic crystalloid solution of 0.9% sodium chloride. Contains
PRESENTATION:	500 or 1000ml of 0.9% sodium chloride solution
ACTION:	1. Short acting plasma volume expander 2. Also expands interstitial fluid volume

USES:	**ICP**	1. initial replacement of fluid, in volume depleted or dehydrated patients. (Volume depletion may be due to loss of blood, plasma or fluid and electrolytes)	**AP**
	ICP	2. Maintenance of hydration during prolonged patient contact time	**AP**
	ICP	3. To keep vein open, as IV route for drugs	**AP**

ADVERSE EFFECTS:	Fluid overload

DOSES:

ADULT:

ICP	**In general, aim to maintain sBP ≥90mmHg:** rate and volume infused is dependent on patient condition. Give 250-500mL boluses, reassess after each bolus. **Haemorrhagic hypovolaemia:** aggressive warm fluids. Max. dose: 20ml/kg **Traumatic brain injury:** aim for sBP ≥100mmHg. No limit on amount - dependent on condition of patient. **TKVO:** 10 drops per minute (30ml/hg with a standard drip set)	**AP**

PAEDIATRIC:

ICP	**Refer to paediatric reference charts for BP goals:** rate and volume infused is dependent on patient condition. Give weight appropriate boluses, reassess after each bolus. **Paediatric cardiac arrest:** 20ml/kg **Haemorrhagic hypovolaemia:** aggressive warm fluids Max. dose: 20ml/kg	**AP**