

$$(\text{age} + 4) \times 2 = \text{weight in kg}$$

DANGER: water / fire (PPE)

RESPONSE: **A** – **V** – **P** – **U**
Respond to verbal or pain?
(In the “PU” ~ GCS 8 → ETT)

SEND FOR HELP: 000

AIRWAY / O₂ / C-SPINE

- N/P, Hudson, NRB, BVM
- **Patent:** NPA/OPA/LMA [# 3 or 4]
- **Protected:** ETT [age/4 + 4] +/- RSI
- Surgical Airway

BREATHING

- Work: RR, accessory muscles
- Effect: colour/SaO₂
- **TML?**
- **Percuss:** hyper-resonant??
- **Auscultate:** absent breath sounds → Needle decompression 2nd ICS

CIRCULATION

- **CFT ≤ 3 sec**
- PULSE RATE
- BLOOD PRESSURE
- IVC x 2 (bloods +/- cultures) → **GLC / K⁺**
- **20 mL/kg** bolus +/- repeat
- Cardiac Monitor +/- 12-lead ECG

DISABILITY: DON'T EVER FORGET GLUCOSE

- **DEXTROSE:** 50 mL 50% (or 5 mL/kg of 10%)
- AVPU (GCS)
- DRUGS

EXPOSURE

- Skin
- Head to toe

Sugar	Haemorr	Anaphyla.	VF	Epilepsy	Drugs
S	H	A	V	E	D
Dextrose	Pressure	Adrenaline	DC SHOCK	Midazolam	Antidote
50mL 50%		0.5mL*	200 J	0.15 mg/kg	
5mL 10%		0.1 mL/kg†	4J/kg		

* 1:1,000 (adult)

† 1:10,000 (child)

RSI / PROCEDURAL SEDATION	Suxamethonium	1.5 mg/kg	
	Thiopentone	5 mg/kg	Neuro
	Propofol	1-2 mg/kg	Asthma
	Ketamine	2 mg/kg	Asthma / nil CVS effect
	Rocuronium		
	Fentanyl		10 mcg ≈ morphine 1 mg
	Midazolam	0.15 mg/kg	
	Diazepam		Not IM!

OBSERVATIONS			160 – (age x 5)	80 + (age x 2)
		RR	HR	SBP
	NEWBORN	30-40	140	70-90
	INFANT	30-53	100-190	70-100
	2 – 5 YEARS	25-30	120 (+/- 20)	80 – 100
	5 – 12 YRS	20-25	100 (+/- 20)	90 - 110

24-HR Fluid Maintenance		Urine Output (mL/kg/hr)	
100 mL/kg	First 10 kg	Adult	0.5
50 mL/kg	Second 10 kg	Child	1
20 mL/kg	Subsequent kg	Infant	2

Losses: % Dehydration x weight x 10 (mL)

24-HR Fluid Replacement: Maintenance + Losses

- ½ over 8 hours
- remainder over 16 hours

IVF for any child > 10% dehydration (adult > 10-20%)

Parkland Formula: Burn losses (mL)	
% Burn Area	Patient palm with finger's adducted = 1%
x Weight	(age + 4) x 2
x 4	

Rule of 9's > 14 years old