

Phenytoin

Indications: status epilepticus > 20 mins duration:

Adults: Unresponsive to i.v. diazepam / lorazepam

Children: SEE CONVULSING CHILD GUIDELINES

Preparation: 250mg phenytoin in 5mls vials (i.e. 1ml=50mg)

Dose: 18 mg / kg

Weight (Kg)	Dose of Phenytoin (mg)	Volume of iv Phenytoin (ml)
35-44	700	14
45-54	900	18
55-64	1100	22
65-74	1250	25
75-84	1450	29
85-94	1600	32
>94	1800	36

Ideally administer through large venflon into large forearm vein

Administration: Phenytoin can be given either

1. Undilute via a syringe driver over 40 minutes
- or
2. Mixed with 100ml of 0.9% saline, via infusion pump over 40 minutes

CAUTIONS:

- 1) **Extravasation:** PH=11 ensure I.V. patient prior to infusion.
- 2) **Monitor E.C.G.:** as may cause prolonged QT interval.
- 3) **Check phenytoin level:** If patient routinely on phenytoin.