

Seizures – Part – 2

Rectal diazepam : episode of febrile seizure

1. lubricate nozzle \bar{c} jelly in the packaging



2. INSERTION: $> 2\text{cm}$

* No mental Retardation in febrile seiz

3. squeeze buttocks for 2 minutes.



Condition	Drug of choice
GTCS/ Atonic / Myoclonic	Valproate
Febrile	1 ^o : oral diazepam episode: Rectal "
Focal seizures	Carbamazepine: [SIADH: Na ↓]
Absence	Tonus ⊖ clonus ⊖ post ictal deficit ⊖ ↳ Vacant staring episodes ETHOSUXIMIDE
GCSE	duration of seizures: > 5 min iv LORAZEPAM / im
Salaam seizures	inj ACTH / vigabatrin
Subtle seizures (neonate)	* HIE / birth asphyxia = phenobarbitone * Capillary bld sugar < 45 mg: iv 10% D

GCSE

* duration of seizure > 5 minutes

1. iv lorazepam / diazepam

2. iv phenytoin drip (NS) over 20 min

fails

3. iv valproate

4. iv levetiracetam

fails

5. GA: Neuromuscular paralysis
Propofol, succinyl choline, E-TUBE

Assessment

1. Seizure history and type of seizures

GTCS

Focal seizures

absence seizures

Jebride "

2. Prodrome : GTCS

3. Aura : Focal seizures

4. Document disability in form of LOC, incontinence : Post ictal deficit

5. Post ictal deficit

Visual blurring

Nursing interventions during an episode of seizures

1. Onset time and duration of episode noted
2. If client is standing or sitting ; place on floor and protect head and neck
Raise Railing of bed
3. Don't restrain and loosen clothes over the neck
4. support airway, breathing, oxygen and prepare to suction secretions
ATCS
5. Turn to side to allow pooling of secretions
Recovery position
6. Monitor incontinence
Self Termination
7. Administer IV medication as prescribed
~ 30-60 sec
8. Provide privacy and notice behaviour after the episode

↑
SCREEN

Client education

1. Compliance, dose and frequency

2. Take medication *regularly*
Avoid milk and antacids

* Liquid preparations: shake well before use

3. Periodic blood level monitoring

- * -phenytoin: 10-20 mcg/ml
- phenobarbitone 15-40 mcg/ml
- lorazepam: 50-240 ng/ml

Sudden stoppage of AED

Rebound epilepsy

*
T. l. c. m. v. n. l.

CBZ: $IC \downarrow$, $SiMVA: Na \downarrow$

Side effects of Phenytoin

Mnemonic: BASC_G

Blood changes

Blurred vision

Blood glucose elevated

Ataxia

Slurred speech

C

GUM

HYPERTROPHIA



TACRO LINGUA

acute phenytoin Toxicity



Valproate

alopecia

pancreatitis

▽: Hyperammonemia

Topiramate

* Renal stones

* wt loss

Safest AED in pregnancy

LEVETIRACETAM