

# Management of Generalised Status Epilepticus (>16 years)

0-5  
minutes

Basic Airway Manoeuvres +/- Adjuvants  
Oxygen  
Assess Respiratory + CVS function  
IV access  
Check: BM, temperature

5  
minutes

1st dose of Benzodiazepine:  
Lorazepam 4mg IV (rate 2mg over 1 minute, then another 2mg after 2 minutes)  
Diazepam 10mg IV/PR (rate 5mg/minute)  
Midazolam 10mg buccal/intra-nasal/IM  
**REDUCE dose in elderly/<50kg**

Specific treatment:

- Hypoglycaemia - 100ml 20% glucose IV OR IM glucagon 1mg (if no IV access)
- Alcohol/malnutrition - Pabrinex (I+II) x2
- CNS infection - antibiotics/antivirals (see GGC Antimicrobial Guidelines)
- Missed dose of usual anti epileptic medication - usual dose via NG

Request bloods\*

10  
minutes

Repeat dose of Benzodiazepine (at 10 minutes)

Start preparing and administer loading dose of anti-epileptic:

IV Levetiracetam 60mg/kg (max 4500mg) over 15 minutes

IV Phenytoin 18mg/hg (max 1800mg) over 30 minutes (60 minutes elderly, CVS disease)

IV Sodium Valproate 25mg/kg (max 2500mg) over 15 minutes

30  
minutes

Induction of General Anaesthetic (Contact ITU: Bleep 13002)

Seek Neurology advice

\*Bloods: U+Es, LFTs, FBC, Coagulation Screen, Glucose, CK, Calcium, Magnesium, Bloods Culture, Blood gas, Alcohol and Toxicology screen, Anti-Epileptic levels

For further information for specific drug dosing, preparation and administration, cautions and contra-indications see Full Guidelines

Full Clinical Guidelines (GGC): Management of Generalised Convulsive Status Epilepticus in Adults (GGC app/intranet)