

Intravenous

Lorazepam 0.1mg/kg (maximum 4mg)

Maximum cumulative adult dose 8mg

+ *Rapid onset of action, longer duration of action compared to diazepam.*

- *Risk of injection site reaction.*

Diazepam 0.15-2mg/kg (maximum 10mg)

Maximum cumulative adult dose 20mg

+ *Rapid onset of action, well established treatment option.*

- *Risk of drug accumulation in repeated doses and injection site reactions.*

Clonazepam 0.015mg/kg (maximum 1mg)

Maximum cumulative adult dose 2mg

+ *Rapid onset, little drug accumulation, longer duration than diazepam.*

- *Minimal trial data available.*

Standard initial adult dose in brackets
All can be repeated after 5 minutes if
no effect up to the maximum
cumulative dose stated

Non-intravenous

Midazolam IM/IN/buccal 10mg

5mg in elderly or <40kg

Maximum cumulative adult dose 20mg (10mg <40Kg)

+ *Rapid onset of action, IM has superior efficacy to IV lorazepam and IV/PR diazepam, little risk of accumulation.*

- *Shorter duration of action.*

Diazepam 10mg rectal

5mg in elderly or <40kg,

+ *Effective, established treatment.*

- *Risk of accumulation, relatively short duration of action, less effective than non-IV midazolam and IV lorazepam.*

Lorazepam intranasal 4mg

0.1mg/kg <40Kg

+ *May be as effective as IV lorazepam.*

- *More data needed.*

All can be repeated after 10 minutes if
no effect up to the maximum
cumulative dose stated