

**Trends and differences in status epilepticus treatment of children and adults over 10 years:
A comparative study of medical records (2012–2021) from a University Hospital in Germany**

CNS Drugs

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Table (Online Resource 1): Detailed dosage of benzodiazepines and antiseizure medication in children and adults (BW=body weight)

children	Benzodiazepines				
	lorazepam	midazolam	diazepam	clonazepam	
mean dosage	0.06 mg/kg BW	0.24 mg/kg BW	0.015 mg/kg BW	0.04 mg/kg BW	
median bolus	1 mg	3 mg	1 mg	0.5 mg	
mean bolus	1.5 mg	4.6 mg	1.2 mg	0.7 mg	
	Antiseizure medication				
	phenytoin	phenobarbital	levetiracetam	lacosamide	valproate
mean dosage	8.8 mg/kg BW	6.8 mg/kg BW	22.5 mg/kg BW	7.4 mg/kg BW	22.2 mg/kg BW
median bolus	100 mg	100 mg	350.0 mg	130 mg	300 mg
mean bolus	198.2 mg	109.8 mg	409.8 mg	131 mg	433.3 mg
median maintenance	130.0 mg	100 mg	540 mg	175 mg	500 mg
mean maintenance	307.3 mg	128.4 mg	824.2 mg	191.5 mg	628.7 mg
adults	Benzodiazepines				
	lorazepam	midazolam	diazepam	clonazepam	
mean dosage	0.025 mg/kg BW	0.08 mg/kg BW	0.13 mg/kg BW	0.015 mg/kg BW	
median bolus	2 mg	5 mg	10 mg	1 mg	
mean bolus	1.8 mg	6.6 mg	9.2 mg	1.2 mg	
	Antiseizure medication				
	levetiracetam	lacosamide	valproate		
mean dosage	21.0 mg/kg BW	2.6 mg/kg BW	13.99 mg/kg BW		
median bolus	1500 mg	200 mg	800 mg		
mean bolus	1495.28 mg	182.6 mg	1029.6 mg		
median maintenance	4000 mg	400 mg	2400 mg,		
mean maintenance	3564.1 mg	427.7 mg	2306.9 mg		