

diazepam

08-diazepam (CAS# 439-14-5)																
Table 1a. Sub-lethal acute poisoning (single dose): Clinical observations (time related)																
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h	
											(a)					(b)
1	Vogel 1977	1	3F	U	0.15	(c), E	0.5		20	70.2			0h: C	0h: ST (e)	4(24)	
2	Greenblatt 1978	2	61F	U	0.48	(d), E	8	pl, EC	4.5	15.8	1.0	3.7	0h: C			
		2					16	pl, EC	1.8	6.3	0.6	2.2	19h: LP	0h: St (f)		
		2					40	pl, EC	2	7	1.3	4.8				
		2					64	pl, EC	1.9	6.7	1.8	6.6				
		2					168	pl, EC	0.6	2.1	1.5	5.5				
		2					276	pl, EC	0.15	0.53	0.6	2.2			24(48)	
		3	28M		2	X	10	pl, EC	20	70.2	5.5	20.3	0h: MS	0h: ST (f)		
		3					48	pl, EC	6	21.1	7.5	27.7				
		3					216	pl, EC	0.005	0.02	0.3	1.1			48	
3	de Haro 2001	4	54M	S, A	2	X	24	wb, p, EC	3.6	12.6	0.7	2.5	MS	0h: ST; 13h: (g)	240	
		4					120	wb, EC	1	3.5	1	3.7				
		4					240	wb, EC	0.6	2.1	0.9	3.3				
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]																
MW diazepam = 284.8																
(a) nordiazepam, MW 270.7.																
(b) time to remission/(time at hospital).																
(c) not 15-69 years; ingested also some imipramine.																
(d) multiple myeloma.																
(e) physostigmine i.v.																
(f) naloxone i.v.																
(g) flumazenil infusion (0.3 mg).																

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Table 1b. Sub-lethal acute poisoning (single dose): Clinical observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
											(a)				
1	Shaw 1972	1	8 cases						6.6	23.2					
2	Wright 1972	2	NR						5.2	18.2					
3	Kelly 1979	3	NR		NR	(b)			100	350					
4	Jatlow 1979	4	NR		0.45				8.4	29.4	0.3	1.1		MS	
		4	NR		0.33				6.6	23.2	0.8	3.0		MS	
5	Divoll 1981	5	20M		0.75	(c)			4.8	16.9	2.8	10.3		MS	
		6	32F		0.7				3.1	10.9	0.19	0.7		MS	
		7	21M		NR	(d)			8.6	30.2	0.7	2.6		C	AR
		8	22F		0.6	(e)			6.7	23.4	0.16	0.6			
6	GIZ-Nord 2003:18	9	67F		NR		days		6.2	21.8			MS, H	CR, ST	NR
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW diazepam = 284.8															
(a) nordiazepam, MW 270.7.															
(b) therapeutic, chronic; i.v. administration.															
(c) altogether 18 cases presented in the same paper; age 18-58 years.															
(d) also ethanol.															
(e) also percodan.															

Table 2a. Lethal acute poisoning (single dose): Clinical observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
	no cases														
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
	MW diazepam = 284.8														
Table 2b. Lethal acute poisoning (single dose): Clinical observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Höjer 1989	1	35M		0.28	(a)		(b)					0h: MS; 5h: HCF 1: R, B	0h: ST 5h: CR, AR	168
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
	MW diazepam = 284.8														
	(a) drug addict.														
	(b) blood concentration not reported.														

Table 3a. Post-mortem observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW diazepam = 284.8															
Table 3b. Post-mortem observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	AAPCC 1987: 334	1	66F	S	1.3	(b)			1.6	5.6	(a)				
2	Cardauns 1973	2	17M		2.05	(c)		(f)	30	105.3	4	14.8			
3	Dinovo 1976	3	3 cases						4.8	16.9					
		4	67 cases			(d)			18	63					
4	Finkle 1979	5	20M		NR	(e)			5	17.5					
		6	40M		NR	(e)			19	66.7					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW diazepam = 284.8															
(a) nordiazepam, MW = 270.7.															
(b) history of severe long disease.															
(c) drug addict; also some ethanol (0.35 promile).															
(d) diazepam, plus other drugs.															
(e) death resulting from diazepam alone.															
(f) heart blood.															