

33-nicotine (CAS# 54-11-5)															
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
1	Benowitz 1987	1	45F	U, A	DA	(a), (b)	5		0.18	1.10			0h: MS, V, G	0h: ST	12
		1					6.5	p	0.38	2.32			7h: RM		
		1					7.5		0.21	1.28					
		1					8.5		0.27	1.65					
		1					9.5		0.21	1.28					
		1					10.5		0.29	1.77					
		1					11.5	(c)	0.3	1.83					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW nicotine = 162.2															
(a) smoker.															
(b) soaking the skin with diluted solution of Black Leaf (40% nicotine sulfate) for scabies.															
(c) curve, plus increasing cotinine levels, indicates continued absorption from the skin.															
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
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW nicotine = 162.2															

nicotine

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
1	Lavoie 1991	1	17M	S, A	5	E	0.5		13.6	83.10			ba: V, CA(a); 0h: C, AP l: SZ, B, BE 48h: CF	ba: CR, AR 0h: ST, AR	64
2	Sanchez 1996	2	32M	NR	NR	E, (b)	11		3.7	22.6			ba: CA, DC, KF		96
		2				E	57		1.2	7.33					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW nicotine = 162.2															
(a) in two minutes after ingestion.															
(b) nicotine patch in the chest wall.															
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
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW nicotine = 162.2															

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
1	Krauland 1973	1	23F	U, A	IJ	(a)	NR	T	6	36.7			0h: SZ,HCF; OL: BE,PE	5 min: CR	0,17
2	Baselt 1977	2	Ad	A	20-25	(b), (c)	NR		29	177.2					<1
3	Takayasu 1992	3	44F	S, A	NR	(c), (d)	NR		6.3	38.5			FD		<1
<b>Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]</b>															
MW nicotine = 162.2															
(a) 490 mg intravenously (in a clinical solution).															
(b) average of 5 cases, swallowing nicotine sulfate solution.															
(c) eluate from tobacco (L-nicotine in tobacco, is considered to be 2-3 times more toxic than synthetic nicotine (Tiess 1966; see table: Post-mortem observations (without time information)).															
(d) chronic alcoholic.															
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	Møller 1939	1	45M	S, A	1	(a)	NR	T, (b)	28	171.1				NT	
2	Maehly 1963	2	Ad	NR	NR	(c)	NR	T	25.7	157.0					
3	Turner 1964	3	NR	NR	NR	(d)	NR	T	28.5	174.1					
4	Tiess 1966	4	55M	S, A	NR	(e)	63	(f)	52	317.7			G, PE, BE		
<b>Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]</b>															
MW nicotine = 162.2															
(a) chronic alcoholic.															
(b) plus 1.8 g/l alcohol.															
(c) average of 8 cases.															
(d) average of 3 cases.															
(e) smoker, alcoholic.															
(f) average concentration of heart and vein blood.															