

09-digoxin (CAS# 20830-75-5)															
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)
1	SPC 1990:2	1	50M				18		0.020	0.026			0h: V, G, E(d)	0h: ST, NA	
		1					66		0.002	0.003					72
2	Smith 1971	2	20F	S	NR	X	5	sr	0.011	0.014			0h: MS	0h: ST	
		2					20	sr	0.0052	0.007			7h: HA	7h: AA	72
3	Citrin 1972	3	69F	Z	0.009	(b)	22	pl	0.018	0.023			0h: MS, HA, E(d), PE	0h: ST, AA	
		3					38	pl, m	0.0199	0.0259					
		3					59	pl	0.001	0.013					
		3					80	pl	0.005	0.0065					96
		4	37M	Z	0.05	(c)	10	pl	0.006	0.0078			0h: V,G,HA,LP,CF, E(d); 48h: RM/HA	0h: ST, AA, PM	
		4					13	pl	0.009	0.0117					
		4					34	pl	0.017	0.0221			72h: P 6d		48(216)
4	Teien 1973	5	64M	Z, S	0.0125	(e)	12		0.018	0.0234			ba: V		
		5					36		0.0112	0.0146			0h: MS, HA, E(d)	0h: ST, AA	
		5					60		0.0055	0.0072					
		5					84		0.003	0.0039					
		5					108		0.0037	0.0048					96
5	Hobson 1973	6	60F	Z, S	0.02	(f)	5	sr	0.0055	0.0072			0h: HA, LP	0h: ST, AA, FD	
		6					35	sr, p	0.020	0.026				7h: PM	
		6					118	sr	0.002	0.0026					168
6	Rumack 1974	7	17F	A, S	0.0125	S, (g)	12,5	sr, p	0.035	0.0455			0h: HA,LP,HT,AP,R	0h: ST, AR	
		7					38,5	sr	0.0088	0.0114			0.5h: E(d),C,MA	0.5h: AA	
		7					78	sr	0.0011	0.0014					98
7	Beck 1974	8	33F	A, S	0.02	X	20	pl	0.0159	0.0207			0h: MS, E(d), HA	0h: ST, AA	
		8					140	pl	0.0003	0.0004				l: PM, FD	144
8	Ahlmark 1976	9	45M	S	0.0175		10	pl	0.0155	0.02			0h: V, MS	0h: ST	
		9					38	pl	0.0047	0.006			3-8h: HA, E(d)	8h: AA, PM 24h	72(264)
		9					156	pl	0.0007	0.001					
9	Jax 1983	10	41M	S	NR	(h)	6		0.0101	0.0132			0h: MS; 12h: HA	0h: ST, PM	
		10					20		0.0064	0.0083			15h: RM/HA	14h: FAB 480mg 5h	
10	Weller 1983	11	49F	S	0.0125	X, (i)	6	sr	0.0288	0.037			0h: MS; 3h: HA	0h: ST	
		11					23	sr	0.013	0.0167			5-19h: CA	5-19h: AA, CR, AR	
		11					24	sr, (j)	0.144	0.187			26h: RM	21h:FAB 480mg 5h	168
		11					37	sr, (j)	0.048	0.062					
		11					119	sr, (j)	0.026	0.0034					
11	Smolarz 1984	12	20M	S	0.025		12		0.017	0.0221			V, HA	0h: ST,	
12	Smolarz 1986	12					57		0.0001	0.0013				FAB 400 mg 0.5h	
		13	49F	S	0.0125		20		0.016	0.0208			V, HA	0h: ST,	
		13					90		0.0001	0.0013				FAB 480 mg 5h	
13	Hursting 1987	14	16F	NR	NR		20	sr, (k)	0.0287	0.037			0h: MS, LP, HA,	0h: ST, PM, HP	
		14					40	sr, (k)	0.014	0.018			E(d)	21h: FAB 240mg	
		14					120	(l)	0.0007	0.001					96
14	Dellborg 1988	15	17F	S	0.011		3	sr	0.0281	0.036			ba: V; 0h: MS	0h: ST; 2.5h: PM	
		15					12	sr	0.0122	0.016			2.5h: HA12h: V,	13.5h: FAB 480 mg	
		15					19	sr	0.053	0.068			E(d); 13-36h: RM		36(72)
15	SPC 1997:2	16	46F	NR	0.0065		3		0.0118	0.015			MS	AR	72

digoxin

Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]													
MW digoxin = 781.0													
FAB = digoxin-specific antibodies used as an antidote.													
(a) time to remission/(time at hospital).													
(b) ischemic heart disease (on digoxin 0.75 mg/day).													
(c) mitral valvotomy, on digoxin; plus 1 g diazepam.													
(d) hyperkalemia.													
(e) alcoholic, on digoxin; also paralgin and some alcohol.													
(f) previous infarction and congestive heart failure plus cerebral vascular trombosis; plus other drugs.													
(g) plus 6.8 g meprobamate.													
(h) alcoholic; plus Tagal tablets.													
(i) also 1.8 promille ethanol in blood.													
(j) total (bound + free) concentration of digoxin in serum; concentrations of free digoxin were 0.0006, 0.003, and 0.0008 mg/l at 24, 37, and 119 h after ingestion, respectively.													
(k) total (bound+ free) concentration of digoxin in serum; concentrations of free digoxin were 0.019, 0.011, and 0.0005 mg/l at 20, 40, and 120 h after ingestion, respectively.													
(l) after a total of 240 mg of FAB (digoxin-specific Fab fragments are prepared by papain cleavage of digoxin-specific ovine immunoglobulin G). FAB is used as an antidot at digoxin poisoning.													

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
1	SPC 1982:1	1	40M		0.015	(a)			0.0195	0.025			0h: V, MS, HA(c)	0h: ST, AA	96
2	SPC 1982:2	2	60F		0.005	(b)			0.0112	0.014			0h: MS,V,HA(c), E(d)	0h: ST, AA	192
3	Citrin 1972	3	NR	NR	NR				0.0062	0.008			0h: HA,E(d)	0h: ST, PM, AA	
4	Bodem 1976	4	63F		0.005				0.02	0.026					
5	Smiley 1978	5	62F		0.0155				0.019	0.0247			0h: V,G,LP,HA,E(d)	0h: ST, AA	
		5							0.015	0.0195			17h: RM/HA	12h: HP 5h	
		5							0.0053	0.0069					
6	Smith 1982	6	18F	S	0.01				0.0152	0.02			0h: V,HA,E(d)	0h: ST, AA	
		6												I: FAB 760 mg	
7	Murphy 1982	7	20M		0.01				0.0136	0.017			0h: V, MS, H(c)	0h: ST, AA	
		7												I: FAB	
8	Schaumann 1986	8	65M	NR	NR				0.029	0.037			0h: HA, CA	FAB 480 mg	

Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]													
MW digoxin = 781.0													
FAB = digoxin-specific antibodies used as an antidote.													
(a) also furosemide 600 mg.													
(b) also ethanol.													
(c) atrial fibrillation, AV-block I-II, only.													
(d) hyperkalemia.													

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	SPC 1980: 1	1	61M		0.025		2		0.055	0.07			0h: MS, H	0h: ST	
		1					14		0.014	0.018			8h: HA; 14h: CA	1: PM, CR, HP	14
2	AAPCC 1986:296	2	54M	S	NR		2		0.031	0.039			0h: H, LP, E(a)	0h: ST, AA, NA	
		2											8h: HA		
3	AAPCC 1988:383	3	60	S	NR		6		0.012	0.015					
4	AAPCC 1991:570	4	68F	A, S	NR		3		0.034	0.044			0h: V, MS, E(a)	0h: ST	
		4											1h: HA	1h: FAB 120mg	4,5
5	Smith 1971	5	17F		23	X, (b)	4	s	0.042	0.054			0h: V, MS, LP, E(b); 3.5h: CA	0h: ST	
		5					5	s	0.039	0.051				3.5h: CR, PM	
		5					8	s	0.025	0.033					6,5
6	Hobson 1973	6	61M	S	0.025	(c)	2	s	0.025	0.033			0h:C,LP,L; 0.5h:CA	0h: ST; 0.5h: CR	2,5
7	Reza 1974	7	NR		0.2	(d)	4	(f)	0.052	0.067			0h: HA, E(a)	0h: ST, AA, PM,	
		7											2h: CA	CR	6
8	Selesky 1977	8	64F	S	0.025	(e)	8	s, (g)	0.014	0.019			0h: V, NS; 1h: CA	0h: ST; 1h: AA	10
9	Harari 1986	9	65M	S	0.02		3	s	0.032	0.041			0h: MS, H	24h: PM, AA	
		9											15h: E(a)		
		9											24h: LP, HA, CA		
<b>Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]</b>															
MW digoxin = 781.0															
FAB = digoxin-specific antibodies used as an antidote.															
(a) hyperkalemia.															
(b) also 1.3 g propoxyphene hydrochloride.															
(c) plus other drugs.															
(d) intravenous self-administration.															
(e) also in Table 'Post-mortem observations (time related)'.															
(f) in the elimination phase = no peak.															
(g) concentration in plasma (lithium preserved): 14.8 ng/ml; concentration in whole blood: 15.2 ng/ml.															
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	AAPCC 1989:441	1	51	NR					0.0074	0.009					
2	AAPCC 1989:442	2	64	NR					0.0092	0.012					
3	AAPCC 1991: 565	3	45	NR					0.025	0.032					
4	AAPCC 1992:513	4	67	NR					0.0088	0.011			ba: CA		
5	AAPCC 1998:571	5	60	S					0.016	0.02					
6	AAPCC 2001:750	6	68	A, Z					0.0105	0.013					
7	AAPCC 2003: 798	7	45	A, Z, S					0.055	0.07					
<b>Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]</b>															
MW digoxin = 781.0															

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	Selesky et al 1977	1	64F	S	0.025	(a)	10		0.015	0.019		8	0h: V, NS; 1h: CA	0h: ST; 1h: AA	
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW digoxin = 781.0															
(a) also in Table 'Lethal acute poisoning (single dose): Clinical observations (time related)'.															
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	Aderjan 1979	1	NR	NR					0.022	0.028					
		2	NR	NR					0.030	0.038					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW digoxin = 781.0															