

63-propranolol hydrochloride (CAS# 318-98-9)															
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	Frishman 1979	1	17F	S, A	1.4	(a)	26	s	0.4	1.7			ba (0.5h): C, SZ;	0h: ST, AC, IN	
		1					50	s	0.02	0.1			0h: C, LP, SZ,		
		1					98	s	0	0			MA, H		E24
		2	25F	S	NR		0.5	s	2.3	8.9			0h: IP, MA;	0h: ST	
		2					5.5	s	0.8	3.1			30 min: SZ, LP;	30 min: AA, IN	
		2					24.5	s	0.3	1.2			l: SZ, MS, RM	l: AC	E 24
		3	19F	S, Z	1.6	(b)	1	pl	2.8	11			0h: C, MA, H;	0h: ST	
		3					6	pl	1.1	4.2			15 min: C, SZ, LP;	15 min: AA,IN,AC	
		3					25	pl	0.3	1.0			E12h: RM		E12
2	Weinstein 1984	4	19	S, A	3.8		2	pl	3.2	12			P	ST, IN, AA	18
3	Weinstein 1985	5	17F	S, A	3.9		1.75	s	2.64	10.2			0h: SZ, HCF, C;	0h:CR, AR, IN, AC	
		5					4	s	3.1	12.0			1h: MA, H	1h: ST	
		5					10	s	1.66	6.4					
		5					19	s	1.24	4.8					10
4	Lane 1987	6	17F	S, A	8		<1	s	2.8	11			0h:C,	0h: ST,IN,AA,AC	
		6					7	s	1.3	5.1			15 min: SZ, CA,CF;	15 min: CR,IN,AA	
		6					36	s	0.05	0.2			30 min: HA; 3.5h: PE;	30 min: PM,CR,IN	
		6											l: HA,LP,HF;	l: IN,AA(e),FD	
		6											8.5h: SZ,LP,HA; 24h: RM	8.5h: IN,AA	24
<b>Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]</b>															
MW propranolol = 259.4															
IN=inotropic drug															
(a) barbiturate in gastric content, however, negative urine screening.															
(b) history of atrial tachycardia.															

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	1	16	S, A	4		NR		1	4			0h: C,LP,H; 15 min: R	0h: ST+(a)	
		1											E12h: rec	15 min: AR	NR
2	Ducret 1978	2	65M	S, NR	0.8		NR	pl	1.5	5.9			0h: DC,LP, H	AR, IN	NR
3	Frishman 1979	3	59M	S, Z	2	(b)	NR	s, (c)	1.8	6.9			0h: PE,C,HF,CN,R	0h: ST,FD,AA,IN	
		3											24h: rec; 72h: H	l: PM,IN	E24
4	Suarez 1988	4	27F	S, Z	NR		NR		20	77			fd; OL: P	NR	< 48
5	Halloran 1981	5	47F	NR	NR		NR	s, (c)	2.5	9.5			ba: SZ	0h: ST,AA,IN, AR	
		5											0h: RA, H, C, LP		E12
6	Soni 1983	6	28F	S, A	3.2			pl, (d)	2.47	9.53			0h: MS	0h: ST	
		6											HA, LP	l: AA	NR
7	Kenyon 1988	7	40F	NR	4.8		NR	wb, (e)	2.3	9			ba(0.5h): SZ,C,HCF,HA,R;	0h: CR,AR,AA,PM	
		7											72h: RM	l: ST,IN	72
8	McVey 1991	8	20F	NR	2		NR		4.6	18			C, HCF;	0h: ST,IN,CR	
		8											10h: RM	4h: (g)	NR
<b>Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]</b>															
MW propranolol = 259.4															
IN=inotropic drug.															
(a) propofol (Diprivan R).															
(b) ecocardiography: left ventricular hypertrophy, ejectionfraction reduced, occult cardiopathy since before?															
(c) at admission.															
(d) also low concentration of codeine and salicylate in urine.															
(e) also ethanol 1080 mg/l; salicylate 2 mg/ml, paracetamol 4 mEq/ml (both below therapeutic level).															

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	Laake 1981	1	39F	S, Z	5.05	(a)	1.5	s	2.0	7.8			0h: DC, HCF, HA, SZ	0h: ST(b), AR,	
		1					3.5	s	3.0	12			9h: LP, HCF	AC, CR, IN	9,5
2	Chen 1985	2	24F	S, Z	3.12	(c), (d)	12	s	1.5	5.7			0h: MS	0h: ST	
		2					85	s	0.05	0.2			1h: RA, C, HCF, SZ	1h: AR, IN	
		2											2h: CA	2h: CR,IN; I: (f)	480
		2											4d: (e); I: AP, ED		
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW propranolol = 259.4															
IN=inotropic drug															
(a) moderately hypertensive; propranolol in a sustained release form.															
(b) no gastric lavage due to oesophageal spasm.															
(c) a history of anxiety.															
(d) also a bottle of alcohol. Alcohol may adverse the membrane stabilizing effect of high dose propranolol to profound hypertension and respiratory arrest.															
(e) hypothermia.															
(f) administered glucagon (4 mg) and isoproterenol (1 mg), both i.v.															
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 1990:490	1	35	S	NR				3.1	12					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW propranolol = 259.4															

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	Jones 1982	1	60M	S, Z	NR	(a)			20	77			45 min(b): CA	CR, IN	8
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW propranolol = 259.4															
IN=inotropic drug															
(a) angina pectoris.															
(b) time from ingestion.															
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 1987:298	1	17	S	NR				6.4	25					
2	AAPCC 1990:489	2	14	S	S,NR				4.8	19					
3	AAPCC 1991:602	3	33	S	NR	(a)			18	68					
4	Gault 1977	4	35F	NR	>0.6	(b)		wb	28.7	111					
5	Suarez 1988	5	30F	S, Z	>2.06	(c)			9.7	37					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW propranolol = 259.4															
(a) also diazepam 0.84 µg/ml and nordiazepam 6.08 µg/ml.															
(b) psychiatric illness.															
(c) migraine headaches.															