

74-chloramphenicol (CAS# 56-75-7)															
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	Craft 1974	1	infant			(a)	71	sr, (b)	40	123.8			0h:CF,CA,MA	0h:ST,CR	168
2	Thompson 1975	2	26F	U	21	(c)	10.5	pl	201	622.0			10h: LP,CY 10.5h:CF	ST	NR
3	Kessler 1980	3	infant	U, A		(d)	17	sr	135	417.8			0h:K,CF,HA,RA,MA,L	0h:ST	
		3					28	sr	95	294.0			4h:CA,C	4h:CR,AR	
		3					73	sr	5	15.7				12h:ET43h	NR
4	Mauer 1980	4	infant			(e)	41		48	148.5			0h:CF,MA	0h:ST,HP+HD4h	288
		4					42		28	86.6					
		4					44		13.5	41.8					
5	Stevens 1981	5	infant	U A		(f)	3		84	259.9			N S		
		5					15		130	402.3					
		5					38		5	15.5					
6	Brown 1982	6	16F	U	NR	(g)	48	sr	140	433.2			0h: F, MS		264
		6											48h: V		
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW chloramphenicol = 323.2															
(a) 25-month-old boy with a 7-hour history of progressive pallor and withdrawal.															
(b) after beginning of treatment 110 mg/kg/day i.v.															
(c) 1g, 10 g, and again 10 g i.v. at 17.5 h, 10.5 h, and 5.5 h before sampling, respectively.															
(d) 3-day-old girl; 250 mg/kg chloramphenicol i.v. (inadvertently 10 x the prescribed dose due to dilutional error).															
(e) 7-day-old boy; 200 mg/kg/day chloramphenicol (arithmetic error).															
(f) 10-week-old boy; 150 mg/kg chloramphenicol.															
(g) patient was treated in the hospital with chloramphenicol: 1 g each 6 hours.															

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 chloramphenicol = 323.2															
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	Stevens 1981	1	infant			(a), (b)	6		180	557.0			0h:CF,RA,L I:MA,CA	0h:ST,AR	
		1					45		100	309.4				26h:ET	48
2	Mulhall 1983	2	infant			(c), (d), (e)	2.5	sr	92	284.7			0h:CF,KF	0h:ST I:ET x 2	
		2					6	sr	180	557.0			28h:CA		
		2					15	sr	65	201.1					
		2					28	sr	50	154.7			0h:CF,CI	0h:ST	240
3	Fripp 1983	3	infant			(f), (g)			277	857.1			0h:MA,HG,L	0h:ST,ET x 2	
4	Wilkinson 1985	4	infant			(h), (i)									120
		4													
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW chloramphenicol = 323.2															
(a) 5-week-old boy, admitted after 24 hours of fever, tachypnea, ptosis, and a bulging fontanelle; <i>Haemophilus influenzae</i> type b (meningitis) identified.															
(b) 100 mg/kg/day chloramphenicol plus 400 mg/kg/day ampicillin i.v. (error in administration of chloramphenicol).															
(c) neonate, less than 28 days old.															
(d) two overdoses of 530 mg/kg/day.															
(e) time after last overdose.															
(f) 3-month-old neonate.															
(g) 50 mg/kg/day in 8 days.															
(h) 2-month-old female; liver disease.															
(i) 3 days i.v. chloramphenicol 100 mg/kg/day, plus ampicillin 400 mg/kg/day.															

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/ml	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 chloramphenicol = 323.2															
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
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW chloramphenicol = 323.2															
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	Carnier 1970	1	infant	U, A		(a)			105	324.9					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW chloramphenicol = 323.2															
(a) 6-week-old girl.															