

Mean cefuroxime concentrations (+/- SD: standard deviation) over time (time 0h-12h)

		Vertebral bone						Paravertebral muscle						Subcutaneous tissue					
Sample #	Time (min)	Mean (age 12-17)	SD	Mean (age ≥ 18)	SD	Mean (all)	SD	Mean (age 12-17)	SD	Mean (age ≥ 18)	SD	Mean (all)	SD	Mean (age 12-17)	SD	Mean (age ≥ 18)	SD	Mean (all)	SD
1	15																		
2	45																		
3	75	40.33	19.42	49.46	22.11	45.25	20.59	17.61	6.04	18.83	8.62	21.86	8.84	20.08	3.83	22.33	10.89	24.19	9.06
4	105	27.84	8.89	36.33	12.74	32.08	10.18	24.93	12.17	28.37	8.80	29.21	11.48	34.36	21.51	37.94	19.48	35.74	16.91
5	135	21.02	7.19	30.14	12.71	25.58	12.90	22.60	7.88	23.44	7.21	25.79	9.12	25.04	5.50	26.25	10.24	27.83	7.43
6	165	17.52	7.65	23.80	9.16	20.66	10.04	18.13	7.27	19.05	6.92	21.24	8.73	23.00	7.10	22.37	8.19	24.40	7.62
7	195	13.97	5.81	17.80	6.77	15.89	8.43	13.83	6.22	14.12	5.28	16.04	7.27	19.30	6.79	18.68	6.62	19.91	6.63
8	225	12.01	5.80	13.95	4.78	12.98	4.93	11.95	5.39	12.33	4.62	13.55	5.80	15.67	6.35	15.18	5.50	16.49	6.11
9	255	36.96	20.99	35.59	19.24	36.27	23.37	27.23	10.88	30.33	13.35	30.81	11.83	24.44	6.66	22.92	7.71	26.15	7.52
10	285	62.66	19.01	77.66	6.20	69.09	20.83	49.63	15.90	61.11	26.66	66.28	23.83	52.28	16.29	56.74	22.56	61.51	21.60
11	315	49.93	2.28	-	-	49.93	2.28	41.99	16.33	47.75	18.65	51.56	17.41	45.22	14.85	51.29	19.93	53.22	16.67
12	345	34.44	1.74	-	-	34.44	1.74	33.34	16.80	38.03	13.58	39.62	15.17	40.41	16.20	43.92	16.83	45.22	16.85
13	375							23.91	11.21	27.06	10.76	31.47	15.01	32.26	14.12	34.99	14.54	38.59	14.75
14	405							17.47	9.01	20.24	7.67	23.79	12.30	26.12	10.40	27.52	11.25	30.00	11.71
15	450							14.37	6.98	16.43	6.90	18.78	9.79	17.76	7.74	20.93	9.41	21.97	9.70
16	510							9.57	4.24	11.39	5.23	12.53	6.55	10.18	4.42	13.25	7.45	13.75	6.99
17	570							5.60	2.62	7.44	4.42	7.98	4.89	6.28	2.66	8.65	5.26	8.70	4.88
18	630							3.81	2.07	5.23	3.35	4.95	3.17	3.80	1.67	5.56	4.04	5.59	3.70
19	690							2.63	1.34	3.45	2.42	3.34	2.20	2.81	1.55	4.13	2.77	3.92	2.89

		Profound incision						Superficial incision						Plasma					
Sample #	Time (min)	Mean (age 12-17)	SD	Mean (age ≥ 18)	SD	Mean (all)	SD	Mean (age 12-17)	SD	Mean (age ≥ 18)	SD	Mean (all)	SD	Mean (age 12-17)	SD	Mean (age ≥ 18)	SD	Mean (all)	SD
1	15													83.95	23.28	81.00	29.44	93.30	21.98
2	45													39.40	8.66	40.40	13.71	45.84	12.12
3	75													27.34	8.36	28.37	9.19	32.16	9.56
4	105													20.51	5.09	21.65	8.03	24.81	7.73
5	135													14.94	3.60	16.13	6.57	18.62	7.02
6	165													11.83	4.34	12.44	4.88	14.74	6.61
7	195													9.32	3.31	9.90	3.89	11.58	5.05
8	225													7.55	2.55	8.26	3.80	9.51	4.17
9	255													90.03	25.14	96.93	32.57	106.37	31.20
10	285													42.89	9.82	44.23	16.32	49.16	13.55
11	315	44.02	16.16	42.71	15.03	42.82	13.23	50.95	16.92	57.79	29.18	54.28	28.87	29.37	7.01	30.39	12.01	35.81	13.08
12	345	36.46	18.32	44.85	21.49	45.65	20.18	38.28	16.24	47.36	20.11	46.76	19.46	22.35	7.04	23.38	9.75	25.91	8.25
13	375	27.99	11.56	35.57	20.77	36.12	17.16	37.21	9.14	35.46	15.63	41.02	13.00	15.79	4.78	17.88	8.15	19.24	7.15
14	405	26.76	10.02	29.23	15.98	31.57	13.47	26.34	8.06	28.49	13.25	31.43	11.84	11.33	3.27	13.37	6.68	14.43	6.06
15	450	18.66	8.31	19.71	11.80	23.85	11.38	21.33	6.04	21.53	10.90	25.04	10.71	7.85	2.61	9.40	5.21	10.12	4.68
16	510	11.06	6.26	13.04	10.48	15.07	9.54	14.07	4.91	15.39	8.09	16.97	7.92	4.72	1.45	6.21	4.24	6.45	3.53
17	570	7.28	4.02	8.27	8.07	10.18	6.80	8.81	3.74	10.09	6.42	11.17	5.78	2.89	0.96	4.00	3.21	4.15	2.75
18	630	5.94	2.67	6.45	5.81	7.18	4.81	5.88	3.06	6.97	4.51	7.72	4.46	1.85	0.79	3.02	2.98	2.94	2.47
19	690	4.24	1.98	5.02	4.76	5.31	4.02	4.35	2.48	4.65	2.87	5.54	3.35	1.13	0.58	1.78	1.69	1.88	1.63