

INUSoft Laevosan

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Acht, Nachher II corr

Sex: male, Date of Birth: 1933-06-09

Date of Test: **2000-05-26**

Height at Test Time : 169 cm
Weight at Test Time : 93 kg
Body Surface : 2.033 m²

Injection Duration: 1.00 min
Dose : 2500 mg

Initial Concentrations:
in Central Compartment : 22.85 mg/l
in Peripheral Compartment: 27.97 mg/l

Test Results:

Clearance : **81.3 ml/min**
Clearance (ref. to Std. Surface 1.73 m²) : **69.2 ml/min**

Volume of Central Compartment : 6.8 l
(ca. 10 % of b.w. = 9.3 l)
Volume of Periphial Compartment : 4.7 l
Volume of Steady State : 11.5 l
Estimated INUTest Distribution Volume : 14.0 l

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Results of Optimal Fit:

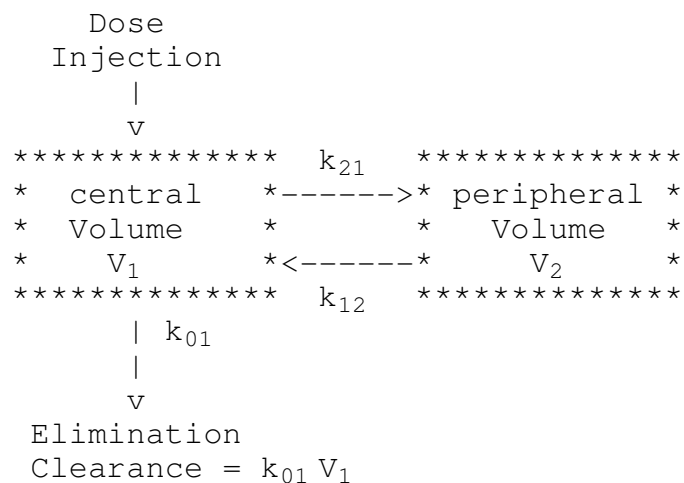
i	x[i]	y[i]	yopt[i]	Residual
1	7.00	326.80	326.90	-0.10
2	15.00	268.30	269.17	-0.87
3	20.00	246.40	242.13	4.27
4	25.00	215.90	220.22	-4.32
5	30.00	202.20	202.28	-0.08
6	45.00	166.30	164.51	1.79
7	90.00	107.80	110.88	-3.08
8	120.00	95.90	90.61	5.29
9	150.00	70.70	74.77	-4.07
10	180.00	63.00	61.84	1.16

Sum of Squared Residuals/Degrees of Freedom: 16.0

Estimated Means and Standard Deviations:

Clearance	:	81.0 ±	3.41 ml/min
Clearance(standardized)	:	68.9 ±	2.90 ml/min
Volume of Central Compartment	:	6.8 ±	0.2 l
Volume of Peripheral Compartment:	:	4.8 ±	0.7 l

Two-Compartment Model:



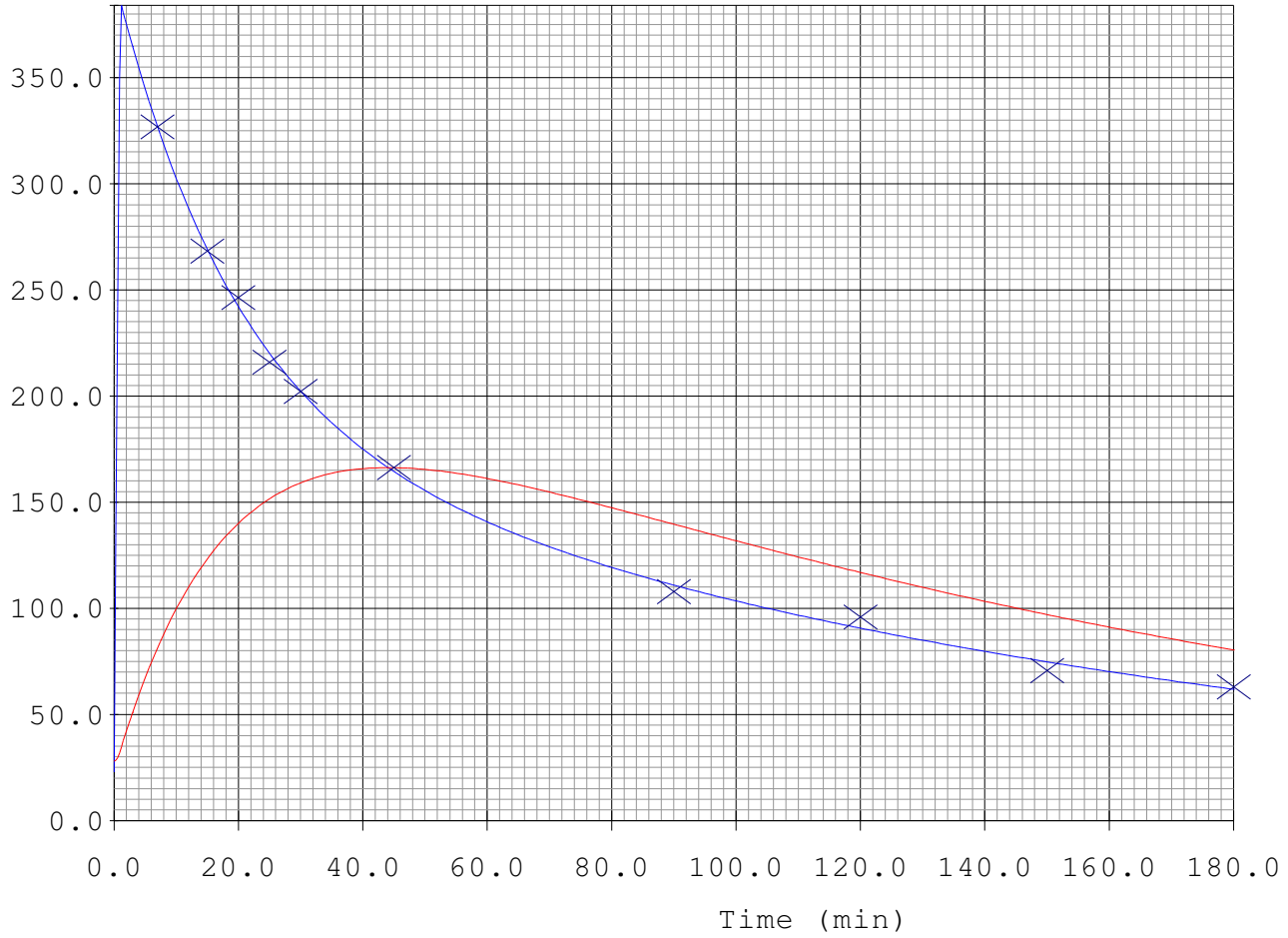
Parameters of Two-Compartment Model:

Transfer Rate k_{21}	:	19.03 (19.50 ± 2.58)	1.0e-3/min
Half Life of Transfer $V_1 \rightarrow V_2$:	36.43 (36.10 ± 4.30)	min
Transfer Rate k_{12}	:	27.26 (28.18 ± 6.03)	1.0e-3/min
Half Life of Transfer $V_2 \rightarrow V_1$:	25.43 (25.68 ± 5.35)	min
Transfer Rate k_{01}	:	12.01 (11.99 ± 0.69)	1.0e-3/min
Half Life of Elimination	:	57.70 (58.00 ± 3.35)	min

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Patient: Acht Nachher II corr, (2000-05-26)

Concentration (mg/l)



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Patient: Acht Nachher II corr, (2000-05-26)

Clearance (ml/min)

