

CORRIGENDUM

Modelling of peripheral fluid accumulation after a crystalloid bolus in female volunteers – a mathematical study

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The incorrect versions of Figures 1 and 2 and Tables 1 and 2 were published online for this article. Now included in this issue, the correct versions can be found below:

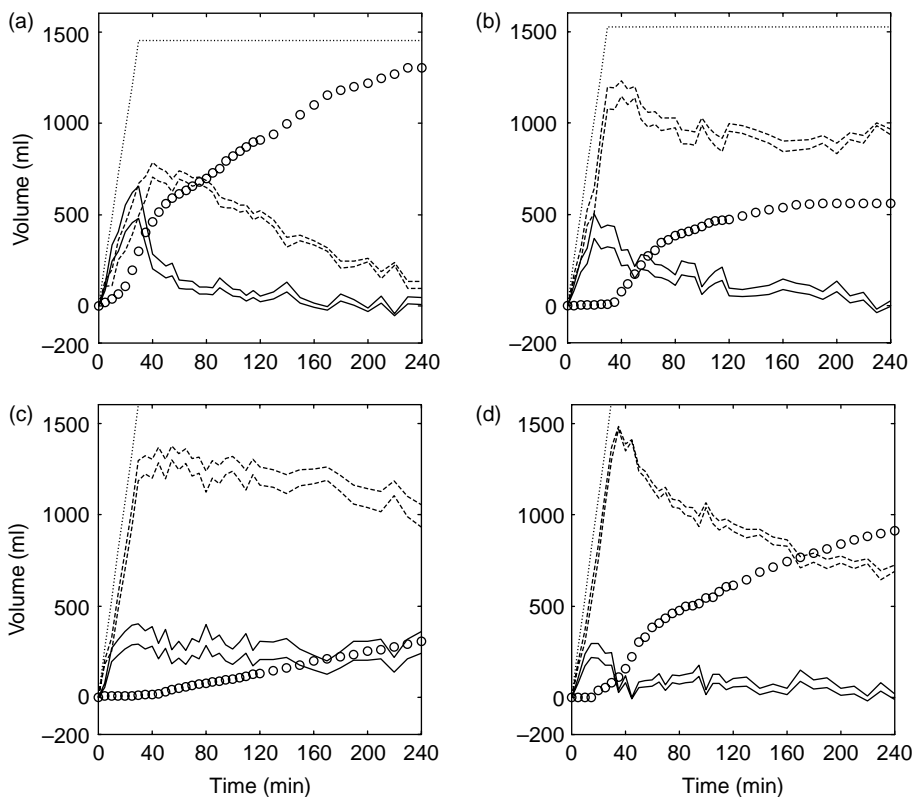


Figure 1. Empirical computation. Double bar lines show perturbed volumes of central (lower) and peripheral (upper) volumes respectively. Circle lines reflect urinary output. The small dotted line is infusion which ends at 30 minutes.

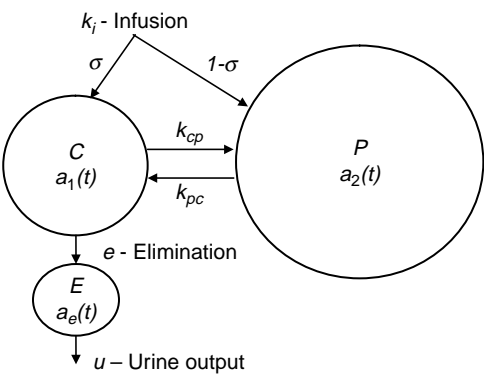


Figure 2. Overview of kinetic model. See text for definitions of symbols.

Table 1. Definition of model parameters.

	Unit	Description
k_t	ml/min	Intercompartment rate constant
k_r	–	Dilution-dependent elimination parameter
k_b	ml/min	Basal elimination constant
σ	–	Bypass factor
μ	–	Distribution factor v_c/v_p
T_l	min	Delay time of elimination response
T_e	min	Turn-over time of intermediate compartment
T_u	min	Delay from intermediate compartment to u_{output}

Table 2. Parameter estimates.

k_i	114	(45–209)
$1/\mu$	2.7	(2.0–5.7)
σ	0.69	(0.56–0.87)
V_σ	372	(184–694)
k_{el}	21.4	(9.3–34.3)
k_b	1.11	(0.28–2.90)
E_{eff}	24	(5–35)
T_e	10.6	(4.9–20.9)
T_l	1.4	(0.8–3.4)
T_u	4.2	(2.3–7.2)

