CORRECTION

Correction to: Modeling the acute effects of exercise on glucose dynamics in healthy nondiabetic subjects

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The original version of this article contained a typo in table 1. In table 1, the units in three parameters read as mL/kg, instead they should read dL/kg. The units were reported correctly elsewhere in the manuscript and the results are not affected by the typo. Please find below the corrected Table 1:

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Table 1 Parameters used in glucose dynamics model for healthy nondiabetic subjects

Parameter	Description	Unit	Value	Source
r_{brain}^{G}	Metabolic clearance rate of glucose in the brain	mg/min	71	[32, p. 219]
r_{heart}^{G}	Metabolic clearance rate of glucose in the heart	mg/min	3.7	[32, p. 219]
r_{kidney}^{G}	Metabolic clearance rate of glucose in the kidneys	mg/min	3.7	[32, p. 219]
r_{gut}^{G}	Metabolic clearance rate of glucose in the gut	mg/min	16.6[b]	[32, p. 219]
r_{peri}^{G}	Basal metabolic clearance rate of glucose in the peripheral tissue	mg/min	45.2	[32, p. 219]
r_{liv}^{G}	Basal metabolic clearance rate of glucose in the liver	mg/min	14.8[b]	[32, p. 219]
$r_{SM_{ins}}^{G}$	Insulin sensitivity of glucose clearance in skeletal muscle	mg/min per μU/mL	5	[34]
$r_{SM_{exr}}^{G}$	Exercise sensitivity of glucose clearance in skeletal muscle	mg/min per E	860	[2, 16, 17, 35, 36][c]
$V_{CS_N}^{G}$	Normalized volume of distribution of glucose in circulatory system	dL/kg[a]	0.7	[7]
$V_{SM_N}^{G}$	Normalized volume of distribution of glucose in skeletal muscle	dL/kg[a]	0.96	[7]
$V_{SM_N}^{tiss}$	Normalized volume of tissue in skeletal muscle	mL/kg[a]	540	[41]
τ_{liv}	Time lag of insulin action of liver glucose uptake	min	25	[7]
$Q_{d_{rest}}$	Tissue perfusion rate in skeletal muscle tissue at rest	mL_b/mL_{tiss}/min	0.038	[41]
$PS_{d_{rest}}^{G}$	Capillary permeability surface area to glucose during rest	mL_b/mL_{tiss}/min	0.01	[38–40]
R_d	Capillary recruitment factor in delivering (SM) tissue	1	1.46	[19, 56, 57][c]
γ	Capillary recruitment saturation rate	1	10	[19, 56, 57][c]
λ_d	Sensitivity of tissue perfusion rate to exercise	mL_b/mL_{tiss}/min per E	1.1	[37]
τ_{EGP}	Time lag of exercise action on endogenous glucose production	min	20	[16, 17][c]
η	Maximum exercise action on endogenous glucose production	1	4	[16, 17][c]
$V_{SM_N}^{I}$	Normalized volume of distribution of insulin in skeletal muscle	dL/kg[a]	1.2	[7, 42]
$r_{SM_N}^{I}$	Normalized metabolic clearance rate of insulin in skeletal muscle	1/min	0.02	[58–60][c]
$PS_{d_{rest}}^{I}$	Capillary permeability surface area to insulin during rest	mL_b/mL_{tiss}/min	0.005	[39, 40]
h	Hematocrit percentage in blood	1	0.4	[43]

[a]Multiplied by body weight (BW) prior to being used in model. See demographics for BW

[b]Adjusted to ensure that total liver uptake is approx 50% of ingested glucose [33, 46]

[c]Parameter is derived from data taken from specified sources