## Erratum: "A novel perfused Bloch-McConnell simulator for analyzing the accuracy of dynamic hyperpolarized MRS" [Med. Phys. V43, 854-864(2016)]

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In the version of this article initially published, <sup>1</sup> Eqs. 7 and 8 are incorrect. The correct equations are:

$$\frac{d \overrightarrow{M_{P_{ev}}}}{dt} = \gamma(\overrightarrow{M_{P_{ev}}} \times \overrightarrow{B}) - \left(\overrightarrow{R_{P}} + k_{pl} + \frac{k_{ve}}{v_{e}}\right) \overrightarrow{M_{P_{ev}}} + \frac{k_{ve}}{v_{e}} \overrightarrow{M_{P_{v}}}$$

$$\frac{d \overrightarrow{M_{L_{ev}}}}{dt} = \gamma(\overrightarrow{M_{L_{ev}}} \times \overrightarrow{B}) - \overrightarrow{R_{L}} \overrightarrow{M_{L_{ev}}} + k_{pl} \overrightarrow{M_{P_{ev}}}$$

$$\overrightarrow{M_{P_{v}}} = \Gamma(t)$$
(7)

$$\frac{dPyr(t)}{dt} = -\left(\frac{1}{T_{1,Pyr}} + \frac{1 - \cos\theta}{TR}\right) Pyr(t) - \widehat{\mathbf{k}_{pl}} Pyr(t) 
\frac{dLac(t)}{dt} = -\left(\frac{1}{T_{1,Lac}} + \frac{1 - \cos\theta}{TR}\right) Lac(t) + \widehat{\mathbf{k}_{pl}} Pyr(t)$$
(8)

These corrections are typographical and have no impact on any other equations, results, or conclusion in the article

## **REFERENCE**

1. Walker CM, Chen Y, Lai SY, Bankson JA. A novel perfused Bloch-McConnell simulator for analyzing the accuracy of dynamic hyperpolarized MRS. Med Phys. 2016;43:854-864.

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