

Alteration of Consciousness by Anaesthetics: A Multiscale Modulation from the Molecular to the Systems Level

Original

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Correction

Correction: Liu, C.H.; Lacidogna, G. Analytical Solutions and Case Studies on Stress-Dependent Corrosion in Pressurized Spherical Vessels. *Metals* 2023, 13, 1918

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There was an error in the original publication [1]. A typing error occurred when copying equations. The correct form of \bar{m} is $\bar{m} = (m_i - m_o) \frac{2\Delta p r_c}{m}$, whereas it was incorrectly written as $\bar{m} = (m_i - m_o)$. Consequently, other equations derived later in the text have been corrected.

In Section 2.1.2, for solving $\sigma(t)$, paragraph 4 has been corrected as follows:

“Here, $\tilde{a} = a_i + a_o - m_o \Delta p / 2$, $m = m_i + m_o$, $\bar{a} = a_i - a_o + m_o \Delta p / 2$, $\bar{m} = (m_i - m_o) \frac{2\Delta p r_c}{m}$, $\delta = (p_i + 3p_o) / 4$, and $\Delta p = p_i - p_o$.”

In Section 3.1, Promotion of the Boundary Stress, σ , paragraph 1, a line below Equations (14a) and (14b) has been corrected as follows:

“where $\tilde{a} = a_i + a_o - m_o \Delta p / 2 + (m_i - m_o) \frac{2\Delta p r_c}{m} (m_i + m_o) / 2 / r_c$ ”

In Section 3.2, Improvement of the Vessel Thickness, h , paragraph 2, the equation for the d value has been corrected as follows:

$$d = [h_o(p_i - p_o)(m_i - m_o) \frac{2\Delta p r_c}{m} + 2r_{co}(p_i - p_o)(m_i + m_o)]$$

In Section 3.3, Presentation of the Vessel Mid-Surface Radius, r_c , in Time, paragraph 1, a line below Equations (16a) and (16b) has been corrected as follows:

“where $A = (-a_o + a_i - m_o \frac{3p_i + p_o}{4} - m_i \frac{p_i + 3p_o}{4}) / 2 - \frac{1}{4}(p_i - p_o)(m_i - m_o) \frac{2\Delta p r_c}{m} \frac{b_1 + c / r_{co}}{e}$, and $B = -\frac{1}{4}(p_i - p_o)(m_i - m_o) \frac{2\Delta p r_c}{m} \frac{d}{e}$.”

The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.



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Reference

1. Liu, C.H.; Lacidogna, G. Analytical Solutions and Case Studies on Stress-Dependent Corrosion in Pressurized Spherical Vessels. *Metals* 2023, 13, 1918. [\[CrossRef\]](#)

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