

Corrigendum

Corrigendum to “Experimental verification and theoretical prediction of cartilage interstitial fluid pressurization at an impermeable contact interface in confined compression”
[Journal of Biomechanics 31 (1998) 927–934]

M.A. Soltz, Gerard A. Ateshian*

Department of Mechanical Engineering, Columbia University, 500 West 120th Street, 220 S.W. Mudd Mail Code 4703, New York, NY 10027, USA

There is a typographical error in Eq. (6). The correct equation is

$$u(z, t) = \begin{cases} -\frac{V_0 tz}{h} - \frac{2V_0 h^2}{H_A k_0 \pi^3} \sum_{n=1}^{\infty} \frac{(-1)^n}{n^3} (1 - e^{-n^2 \pi^2 H_A k_0 t / h^2}) \sin \frac{n\pi z}{h} & 0 \leq t \leq t_0 \\ -\frac{V_0 t_0 z}{h} - \frac{2V_0 h^2}{H_A k_0 \pi^3} \sum_{n=1}^{\infty} \frac{(-1)^n}{n^3} e^{-n^2 \pi^2 H_A k_0 t / h^2} (e^{n^2 \pi^2 H_A k_0 t_0 / h^2} - 1) \sin \frac{n\pi z}{h} & t \geq t_0 \end{cases} \quad (6)$$

DOI of original article: 10.1016/S0021-9290(98)00105-5

*Corresponding author. Tel.: +1 212 854 8602; fax: +1 212 854 3304.

E-mail address: ateshian@columbia.edu (G.A. Ateshian).