

### Errata

The following are corrections to the paper, "A Circle of Willis Simulation Using Distensible Vessels and Pulsatile Flow" by R.H. Kufahl and M.E. Clark, which appeared in the May 1985 issue of the JOURNAL OF BIOMECHANICAL ENGINEERING, Vol. 107, No. 2, pp. 112-122. The need for these errata is due to editorial office procedures and the following corrections have been supplied by the authors.

Equation (3)

$$\begin{aligned} \frac{Q_x^{t+\Delta t} - Q_x^t}{\Delta t} + \frac{[\Lambda_x^t(Q_x^t)^2 - \Lambda_{x-\Delta x}^t(Q_{x-\Delta x}^t)^2]}{\Delta x A_{x-\Delta x/2}^t} \\ - \frac{\Lambda_x^t Q_x^{t+\Delta t} Q_x^t}{(A_{x-\Delta x/2}^t)^2} \frac{A_{x+\Delta x/2}^t - A_{x-\Delta x/2}^t}{\Delta x} = \\ - \frac{1}{\rho \Delta x} [P_{x+\Delta x/2}^{t+\Delta t} - P_{x-\Delta x/2}^{t+\Delta t}] \left[ \frac{A_{x+\Delta x/2}^t + A_{x-\Delta x/2}^t}{2} \right] \\ - 2\pi\mu R_w \left. \frac{\partial \Omega}{\partial r} \right|_{r=R_w} \frac{Q_x^{t+\Delta t}}{A_{o_{x-\Delta x/2}}} \end{aligned}$$

The fourth equation (unnumbered) after equation (3) should read

$$\frac{\Lambda_{x+\Delta x}^t(Q_{x+\Delta x}^t)^2 - \Lambda_x^t(Q_x^t)^2}{\Delta x A_{x+\Delta x/2}^t}$$

Equation (13)

$$\begin{aligned} \frac{Q1_{j-0.5}^{t+\Delta t} - Q1_{j-0.5}^t}{\Delta t} = \frac{A1_{j-1}}{\rho} \frac{P1_{j-1}^{t+\Delta t} - P1_{j-1}^{t+\Delta t}}{\Delta x} \\ - 2\pi\mu R_w \left. \frac{\partial \Omega}{\partial r} \right|_{r=R_w} \frac{Q_{j-0.5}^{t+\Delta t}}{A_{o_{j-1}}} \end{aligned}$$

Equation (15) should read

$$Q_j^{t+\Delta t} = \frac{C^V}{\Delta t} [P_c^{t+\Delta t} - P_c^{t+\Delta t}] + Q_{oUT}^{t+\Delta t}$$

Reference [3] – Coopoe should be Cooper