

Erratum to: Suspension model for blood flow through a catheterized arterial stenosis with peripheral layer of plasma free from cells

R. Ponalagusamy^a

Department of Mathematics, National Institute of Technology, Tiruchirappalli - 620 015, Tamilnadu, India

Original article: Eur. Phys. J. Plus (2016) **131**: 185, DOI: 10.1140/epjp/i2016-16185-4

Received: 12 January 2017

Published online: 31 March 2017 – © Società Italiana di Fisica / Springer-Verlag 2017

After publication of the paper, the author noticed that eqs. (20) and (30) were erroneously given. Equation (20),

ii)

$$u_0 = u_f \quad \text{and} \quad \tau_0 = \tau_f \quad \text{at} \quad r = R_1(z) \quad (20)$$

should now read

ii)

$$u_0 = 0 \quad \text{as} \quad r \rightarrow R_2 \quad \text{and} \quad u_0 = u_f \quad \text{at} \quad r = R_1(z) \quad (20)$$

and eq. (30),

$$\tau_w = \frac{RQ}{2F(z)} \quad (30)$$

should read

$$\tau_w = \frac{RQ}{2F(z)} \left[1 + \frac{1 - \left(\frac{R_2}{R}\right)^2}{2 \ln \left(\frac{R_2}{R}\right)} \right]. \quad (30)$$

^a e-mail: rpalagu@nitt.edu