Erratum

FODIL, R., RIBREAU, C., LOUIS, B., LOFASO, F. and ISABEY, D. (1997): 'Interaction between steady flow and individualised compliant segments: application to upper airways', *Med. Biol. Eng. Comput.*, **35**, pp. 638–648.

In the above paper, Table 1 was incorrect. The correct table is shown below.

Table 1: This Table summarises, for non-viscous fluid condi-

tions, the normalised cross-sectional area variation $\delta\bar{A}_1/\bar{A}_1$ at element 1 and normalised flow variation $\delta\bar{Q}_v/\bar{Q}_v$ in terms of distensibility-dependent speed indexes S_1^2 and S_2^2 . The transmural pressure $\bar{p}_2$ at element 2, is the controlled variable of the problem and is presently assumed to decrease. Increasing this controlled pressure $\bar{p}_2$ requires us to inverse the sign of $\delta\bar{A}_1/\bar{A}_1$ in the Table. The same Table applies to viscous fluid as long as S_1^2 and S_2^2 are modified for viscous effects, i.e. using $\gamma_{0-1}S_1^2$ and $\gamma_{0-2}S_2^2$ defined in Appendix B.

$\delta\bar{A}_1/\bar{A}_1$		$S_1^2 < 1$	$S_1^2 = 1 - \varepsilon$ $0 < \varepsilon \ll 1$	$S_1^2 = 1$	$S_1^2 = 1 + \varepsilon$ $0 < \varepsilon \ll 1$	$S_1^2 > 1$
$\frac{\delta\bar{Q}_v/\bar{Q}_v}{\delta\bar{A}_1/\bar{A}_1}$		(-)	0 ⁻	0	0 ⁺	(+)
$S_2^2 < 1$	(+)	(-)	$\frac{(+)}{0^-} \rightarrow -\infty$	$+\infty \leftarrow \frac{(+)}{0^+}$		(+)
$S_2^2 = 1$	0	0	$\frac{0}{0^-} \rightarrow \frac{0}{0}$	$\frac{0}{0} \leftarrow \frac{0}{0^+}$		0
$S_2^2 > 1$	(-)	(+)	$\frac{(-)}{0^-} \rightarrow +\infty$	$-\infty \leftarrow \frac{(-)}{0^+}$		(-)