

On steady and pulsatile flow of blood.

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On Steady and Pulsatile Flow of Blood

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Abstract

The steady and pulsatile flow of blood through small rigid, circular tubes has been analysed by microcontinuum approach. The exact solutions for velocity and cell rotational velocity are obtained. A comparison of the theoretical velocity profiles with the experimentally determined profiles for both steady and pulsatile blood flow is quite encouraging.

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