

Erratum

Erratum to: Human Saphenous Vein Response to Trans-wall Oxygen Gradients in a Novel *Ex Vivo* Conditioning Platform

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This erratum is to correct Fig. 3. The corrected version of Fig. 3 is presented here. Figure 3a shows the results of the open-loop experimental campaign, where theoretical and measured changes in O₂ concentration under various flow rate conditions are compared; while

Figs. 3b and 3c report the results of the de-oxygenator validation in the closed loop configuration. Figure 3b shows the trend of the O₂ concentration within the extra-adventitial chamber as a function of the O₂ saturation imposed within the de-oxygenator module. Figure 3c shows the results of the experiments carried out to test the system's behavior in transient conditions.

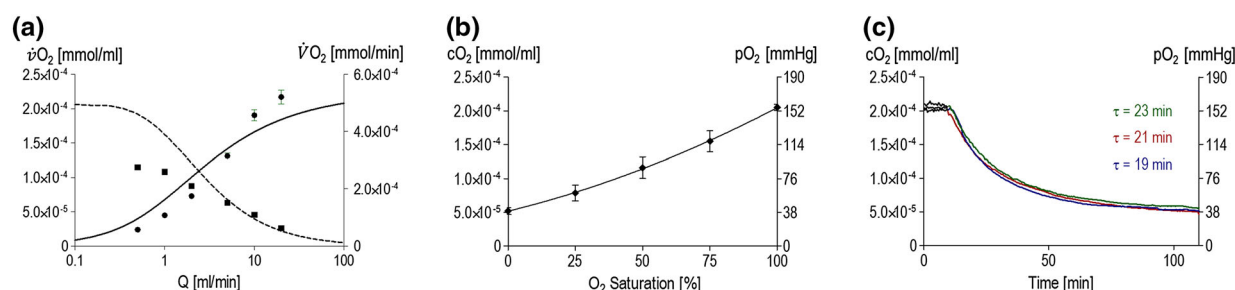


FIGURE 3. (a) Comparison between mathematical model (lines) and experimental data (squares and circles) regarding the specific mass transfer ($\dot{v}O_2$) and the mass transfer rate ($\dot{V}O_2$) behavior of the de-oxygenator module. Data are plotted in a semi-logarithmic scale as function of the recirculating flow rate (Q). (b) Trend of the oxygen concentration within the extra-adventitial chamber as a function of the O₂ saturation imposed within the de-oxygenator module. (c) Results of the experiments carried out to test the system's behavior in transient conditions showed an average value of 21 min for the system's time constant, which is in fair agreement with the results obtained with the model used for the dimensioning of the de-oxygenator module.

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