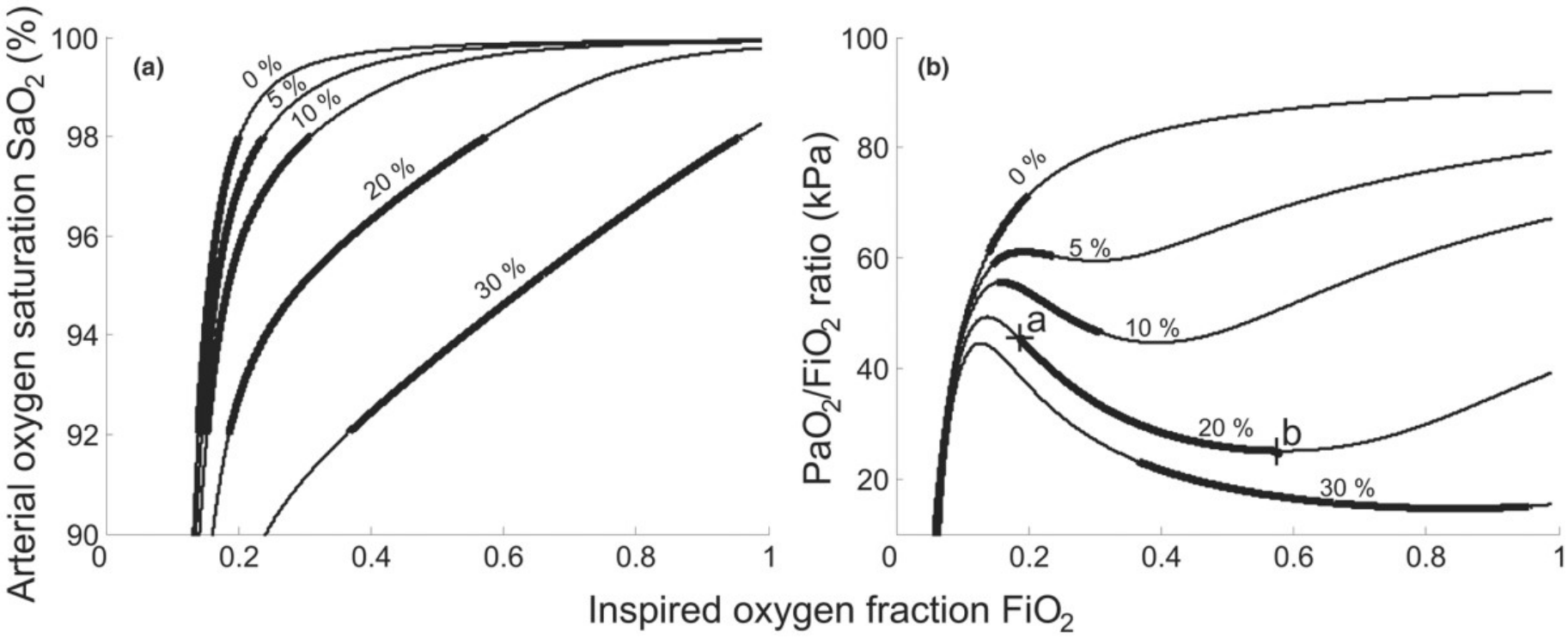
Figure 2.

Resolution: standard / **high**



Model simulations of arterial oxygen saturation and arterial oxygen partial pressure/inspired oxygen fraction ratio. **(a)** Inspired oxygen fraction (FiO_2) versus arterial oxygen saturation (SaO_2). **(b)** FiO_2 versus the partial pressure of oxygen in arterial blood (PaO_2)/FiO_2 ratio. Simulations performed using shunt = 0–30%, parameter ΔPO_2 (fA2) = 0 kPa (0.9), oxygen consumption = 0.26 l/min, alveolar minute volume = 5.25 l. Points a and b, the PaO_2/FiO_2 ratios for FiO_2 = 0.19 (point a) and FiO_2 = 0.57 (point b) – corresponding to the extremes of the relevant range of FiO_2 (thick solid line).

Karbing *et al. Critical Care* 2007 **11**:R118 doi:10.1186/cc6174

Download authors' original image