

## Appendix A: Hemoglobin Heme Conformation in Patients with Different Oxygen Saturation Values

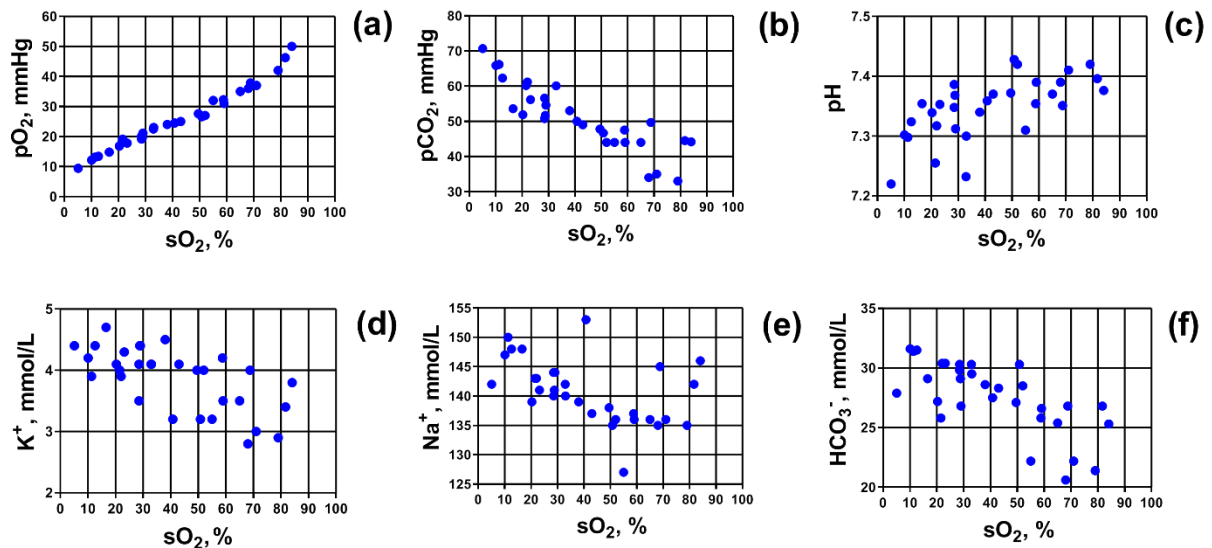


Fig. S1 The experimental relationship between oxygen saturation ( $sO_2$ ) and other parameters. (a)  $pO_2$ , (b)  $pCO_2$ , (c) pH, (d)  $K^+$ , (e)  $Na^+$ , and (f)  $HCO_3^-$ .