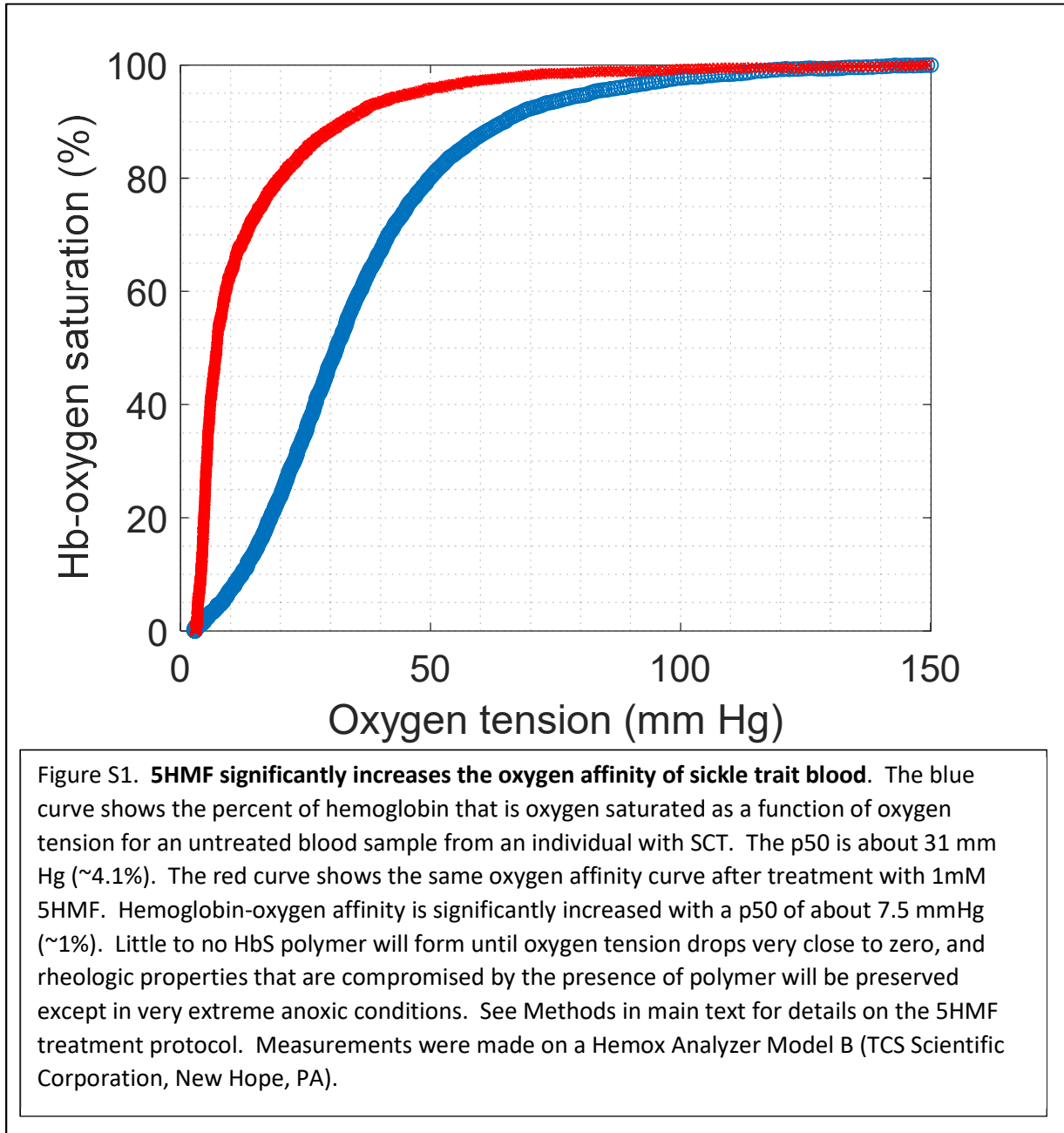


“5HMF Restores Low-Oxygen Rheology of Sickle Trait Blood In Vitro”



	Original	0 mM 5HMF	1 mM 5HMF
HCT (%)	31.4	25.6	26.2
HGB (g/dL)	10.2	7.5	7.5
RBC (10⁶ cells/μL)	3.4	2.59	2.63
MCV (fL)	92.6	92.5	93.1
MCH (pg)	30	30	29.3
MCHC (g/dL)	32.4	32.3	31.5

Table S1. Complete blood count indices for a representative SCT blood sample at baseline (“Original”), following washing and resuspension to a HCT of ~25% without 5HMF (“0 mM 5HMF”) and following washing, resuspension to a HCT of ~25%, and incubation with 1 mM 5HMF (“1 mM 5 HMF”). There were no significant changes in any CBC indices significant enough to influence our results.