

TABLE 1. *Changes in MCV with exercise and dehydration*

Submax Exercise		Maximal Exercise		Dehydration	
Time, min	MCV, μm^3	Time, min	MCV, μm^3	Time, min	MCV, μm^3
-5	83.3 \pm 0.7	-5	85.3 \pm 0.8	-5	83.6 \pm 2.3
-5	83.4 \pm 0.7	-5	85.3 \pm 0.8	-5	83.6 \pm 1.8
10	82.8 \pm 0.7			25	82.8 \pm 2.4
29	82.3 \pm 0.9			25	82.8 \pm 2.4
+1	83.0 \pm 0.9	+2	85.8 \pm 1.0*	60	82.3 \pm 2.1
+2	82.8 \pm 0.8	+3	86.5 \pm 1.0*	60	82.6 \pm 2.4
+3	82.9 \pm 0.8	+4	86.3 \pm 0.8*	135	82.2 \pm 2.3
+30	82.8 \pm 0.8	+25	85.8 \pm 0.9	135	82.3 \pm 2.1
+60	83.2 \pm 0.7			+20	82.5 \pm 2.1

MCV, mean corpuscular volume. Negative times indicate blood samples taken before exercise or exposure, positive times, those taken after exercise or exposure, and undesignated times, those taken during exercise or exposure. * Significantly different from prestress values.