|  |  |  |  |
| --- | --- | --- | --- |
| Table 5. Muscle total[heme] responses during supine and upright cycle exercise at the same absolute and relative work rates for both deep and superficial muscle (n=10) | | | |
|  | Supine | Upright | |
| Baseline (μM) |  | Absolute | Relative |
| VLd | 110 ± 53\*† | 123 ± 63 | 114 ± 53 |
| VLs | 166 ± 47\*†a | 170 ± 44a | 173 ± 48a |
| RFs | 174± 76\*†a | 178 ± 72a | 177 ± 73a |
| Amplitude at 3-min (μM) |  |  |  |
| VLd | 20 ± 22\*† | 7 ± 14 | 9 ± 13 |
| VLs | 17 ± 8 | 16 ± 9 | 15 ± 8 |
| RFs | 21 ± 11\*† | 8 ± 9 | 10 ± 8 |
| Amplitude at 6-min (μM) |  |  |  |
| VLd | 24 ± 11\*† | 14 ± 10 | 13 ± 15 |
| VLs | 18 ± 9\*† | 15 ± 8 | 14 ± 8 |
| RFs | 25 ± 10\*† | 14 ± 19 | 14 ± 8 |
| End-exercise (μM) |  |  |  |
| VLd | 134 ± 69 | 137 ± 75 | 127 ± 66 |
| VLs | 183 ± 52a | 185 ± 51a | 187 ± 52a |
| RFs | 199 ± 85a | 192 ± 78a | 191 ±80a |
| ΔAmplitude (6-3) (μM) |  |  |  |
| VLd | 1.15 ± 3.28 | 2.74 ± 2.55 | 4.27 ± 4.22 |
| VLs | 1.30 ± 5.66 | 3.19 ± 5.44 | 3.46 ± 5.08 |
| RFs | 3.69 ± 2.26 | 5.71 ± 2.87 | 4.08 ± 4.28 |
| |  | | --- | | Total[heme], muscle total [heme] concentration; baseline, average value over final 30 s of baseline period; amplitude at 3-min, change in total[heme] between baseline and 3-min; amplitude at 6-min, change in total[heme] between baseline and 6-min; ΔAmplitude (6-3), change in total[heme] between 3- and 6-min. \* different from upright absolute work rate in same muscle, †different from upright relative work rate in same muscle, a indicates different from VLd (*P* < 0.05). | | | | |