

TABLE 2-5 Effects of Acute Carbon Monoxide Exposure in a Human Subject

| Number | Exposure Concentration, Volume % (ppm) | Total Exposure Time (min) | Observations | At Time (min)/COHb (%) |
|---|--|---------------------------|---|------------------------|
| 1 | 0.50 (5,000) | 11.5 | No symptoms; hyperpnea after running upstairs | |
| 2 | 0.39 (3,900) | 30.5 | No symptoms | 15 min/23% |
| | | | Slight feeling of palpitation, pulse 102 | 22 min |
| | | | Palpitation, respiration 18, pulse 120, feeling abnormal | 29 min |
| | | | After running upstairs, became giddy, much out of breath, palpitations, slightly impaired vision | 30.5 min/39% |
| 3 | 0.40 (4,000) | 24 | No symptoms except unusual hyperpnea and giddiness after running upstairs | 24 min/27% |
| 4 | 0.36 (3,600) | 29 | — | 18 min/26% |
| | | | On walking, throbbing in the head and palpitations, on running, giddy, short of breath | 29 min/37% |
| 5 | 0.41 (4,100) | 29 | — | 15 min/13% |
| | | | Very slight hyperpnea and palpitations | 28 min |
| | | | After running, marked giddiness and impairment of vision and hearing (for 1-2 min) | 29 min/35% |
| 6 | 0.12 (1,200) | 120 | — | 15 min/8% |
| | | | Slight tendency to palpitations, pulse 96 | 33 min |
| | | | No symptoms | 46 min/18% |
| | | | Slight palpitations, sleepy | 67 min |
| | | | After running (no exposure), distinct dimness of vision and hearing, slight tendency to stagger, abnormal hyperpnea | 90 min/27% |
| | | | Slight hyperpnea while sitting | 104 min |
| Distinct hyperpnea, feeling uneasy, dull, and abnormal; after running, weak in the legs, markedly impaired vision, and hearing, confusion | 120 min/37% | | | |

(Continued)